

SHORT COMMUNICATION

Pedigree-Based Assessment of Inbreeding Effects on Conformation and Performance Traits in the Peruvian Paso Horse: Implications for Sustainable Genetic Improvement

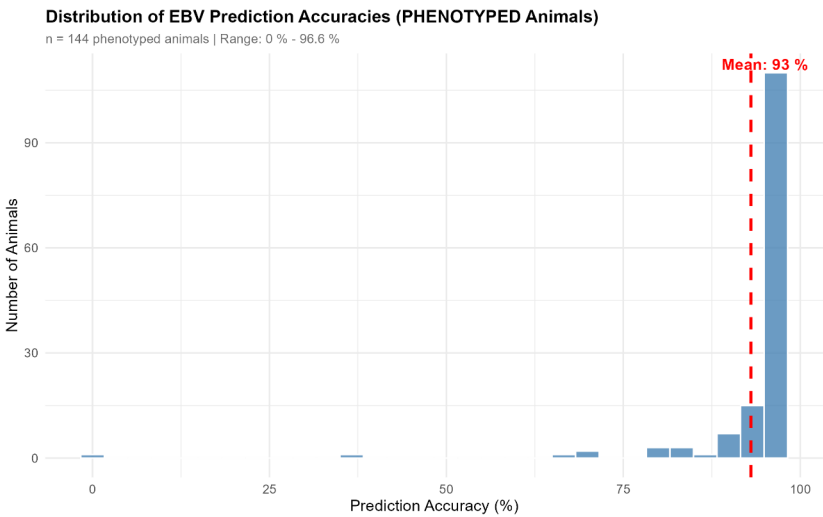
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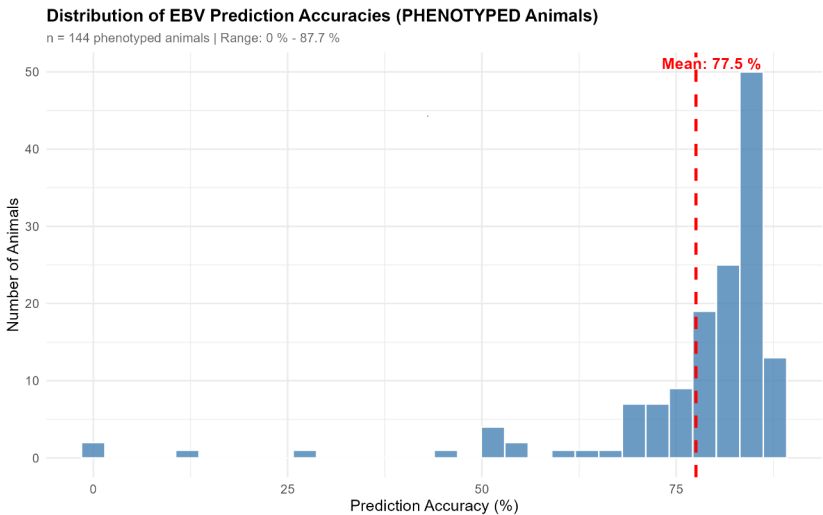
SUPPLEMENTARY MATERIAL 1.

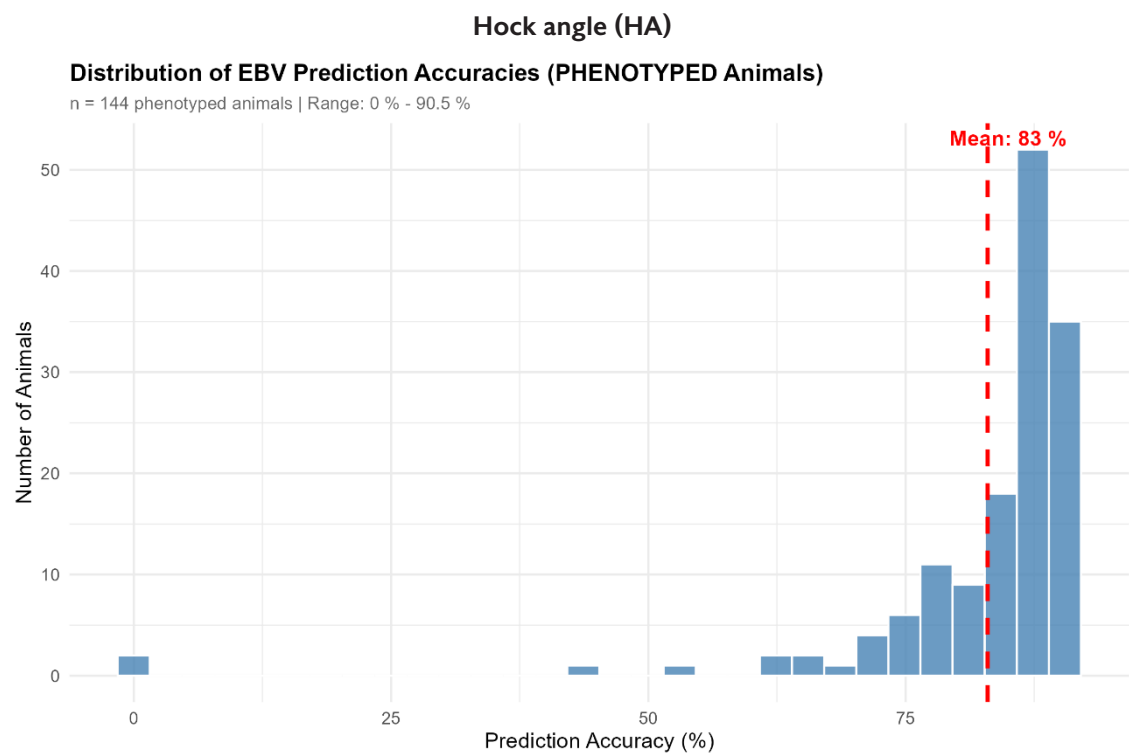
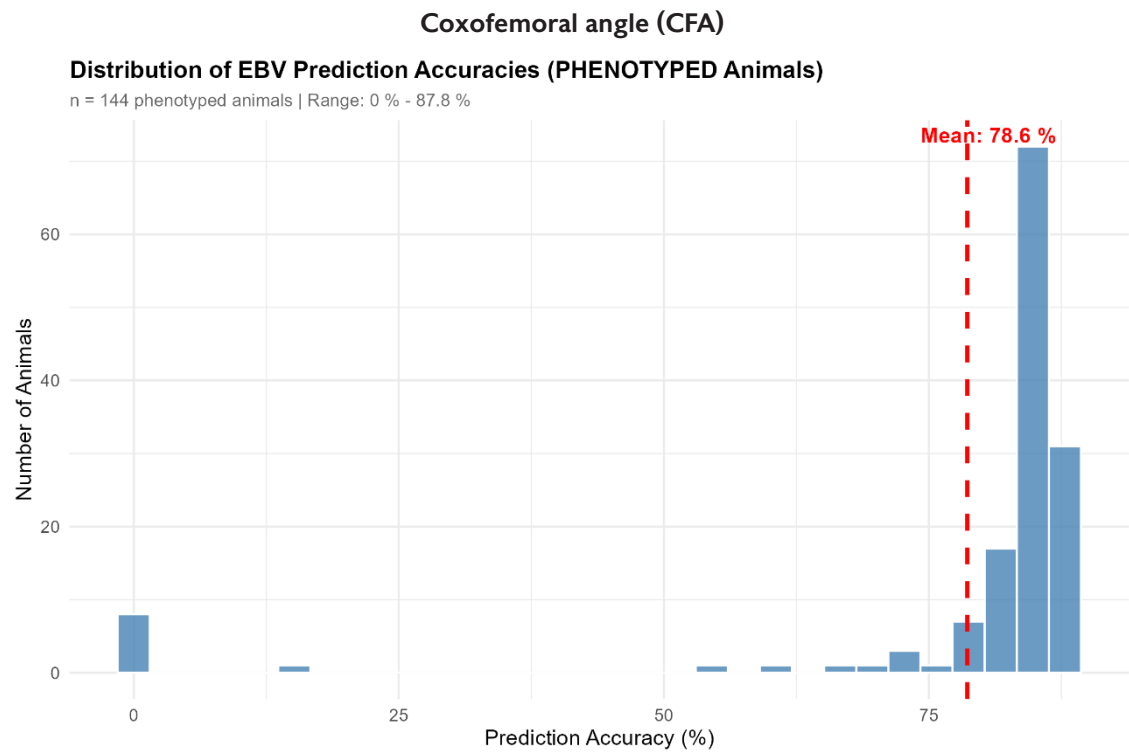
Distribution of EBV prediction accuracies per trait.

Brachial angle (BA)



Withers height (WH)

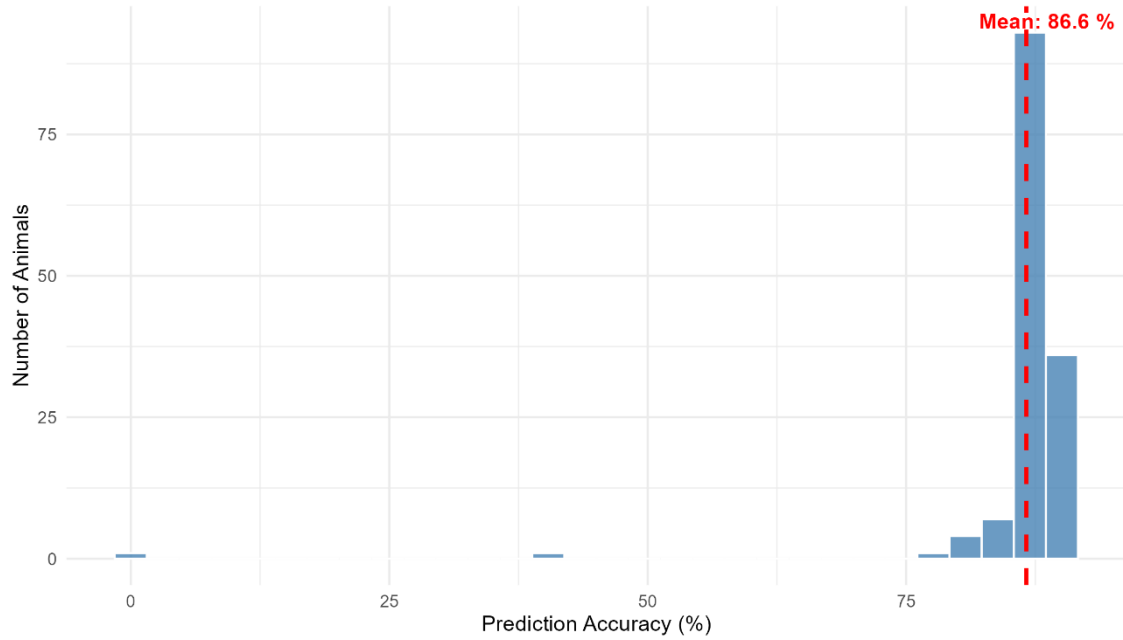




Head width (HW)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

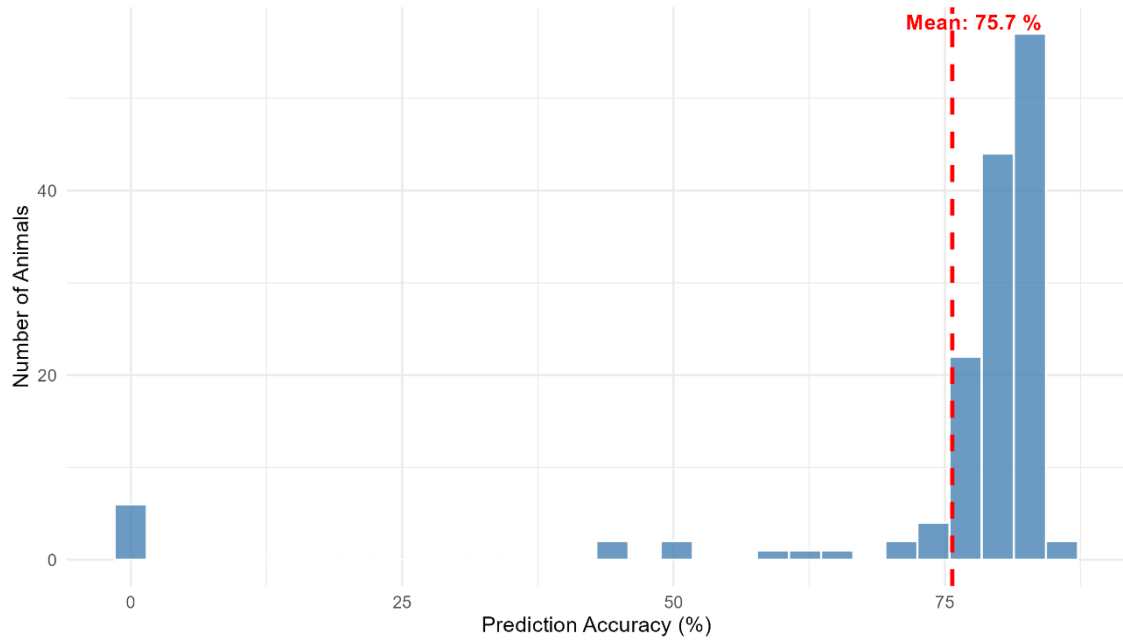
n = 143 phenotyped animals | Range: 0 % - 90.1 %

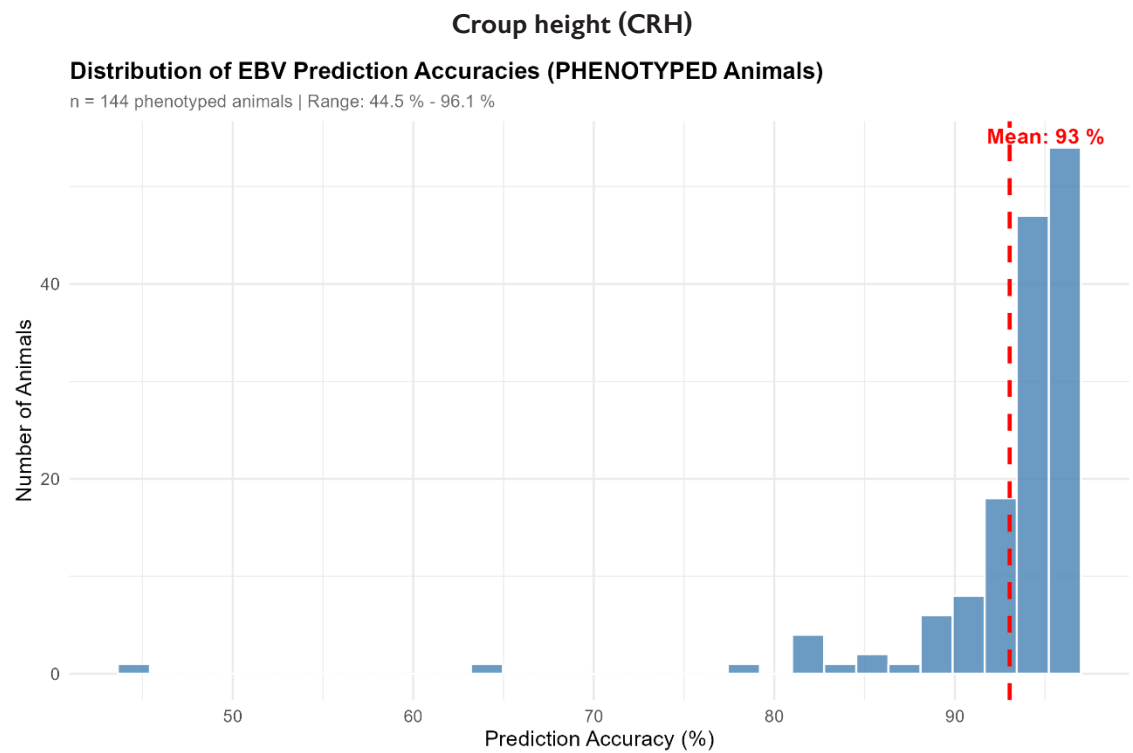
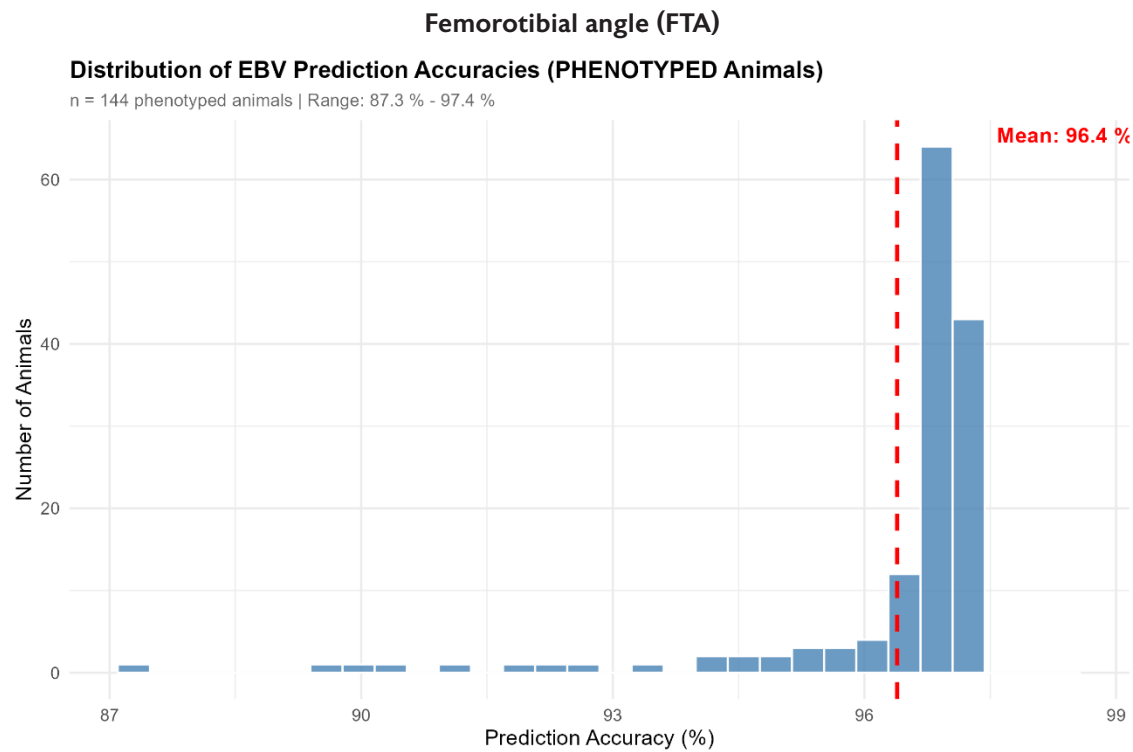


Scapulohumeral angle (SHA)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 144 phenotyped animals | Range: 0 % - 85.8 %

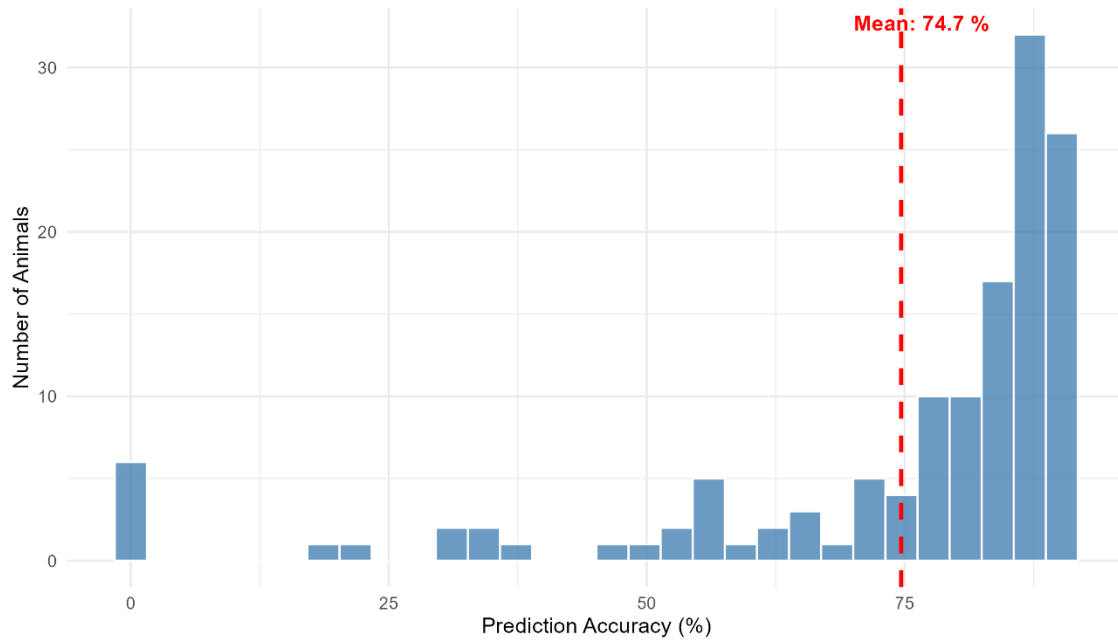




Acuteness (ACS)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

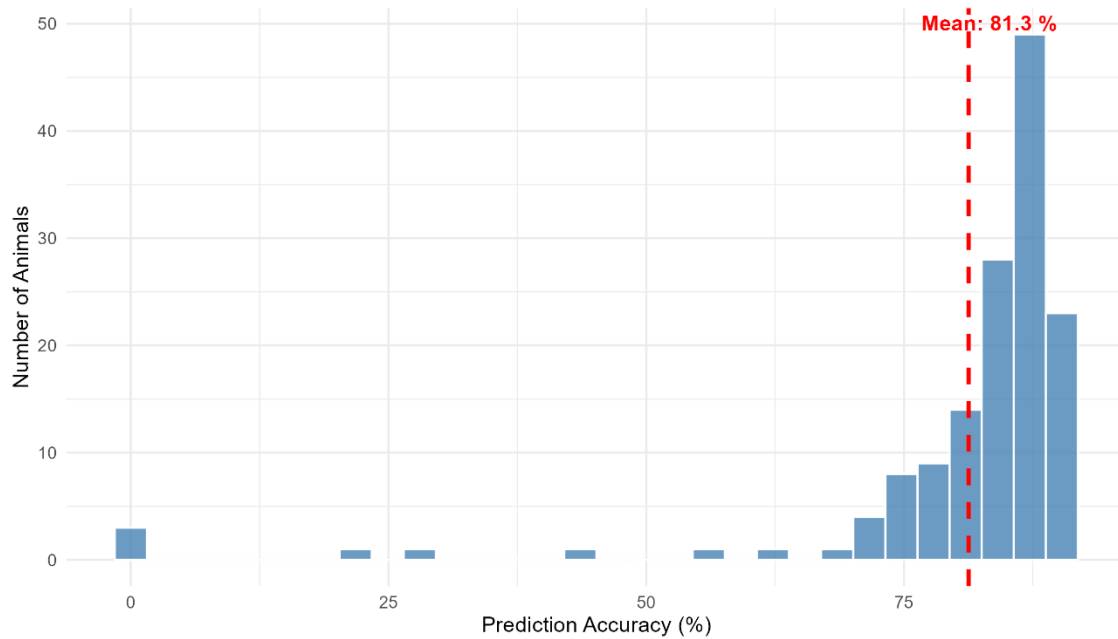
n = 133 phenotyped animals | Range: 0 % - 90.2 %

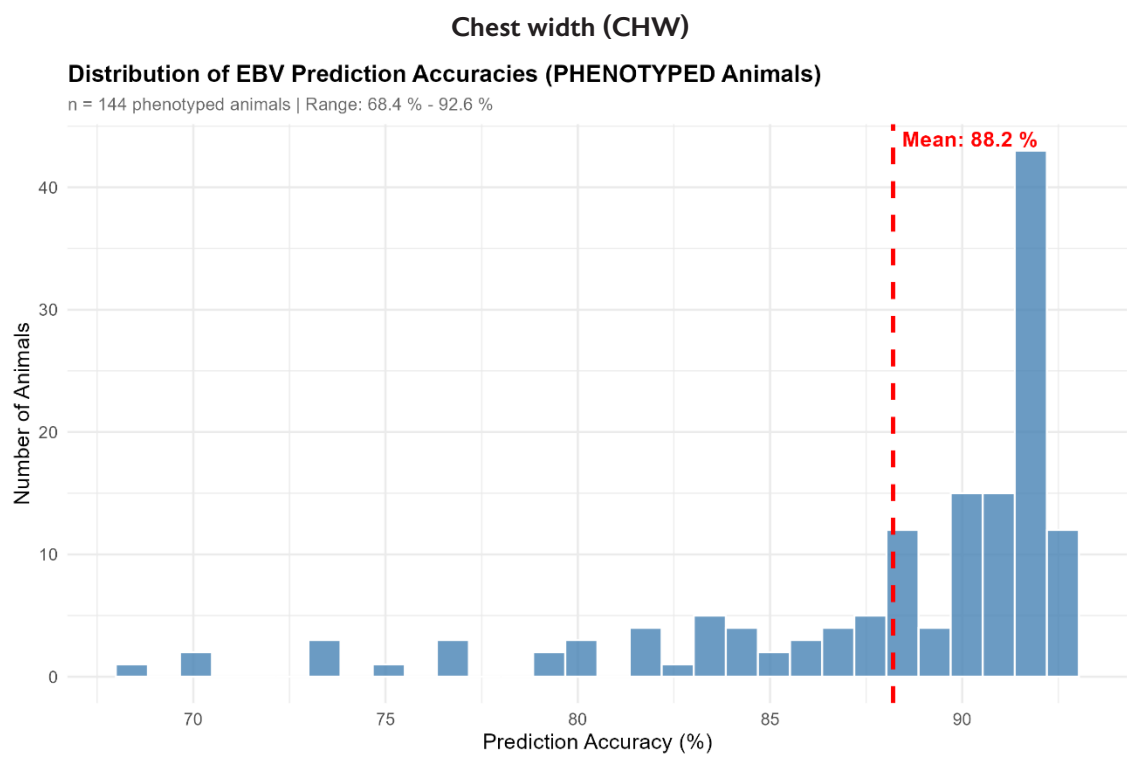
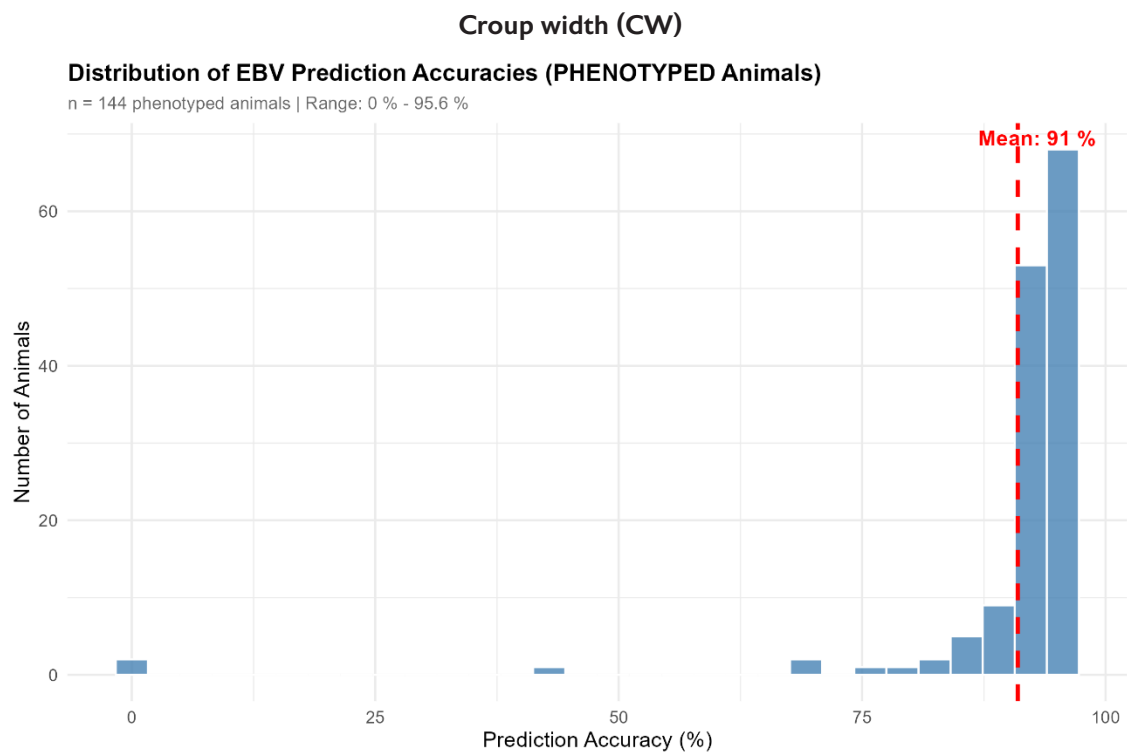


Mid-dorsal height (MDH)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 144 phenotyped animals | Range: 0 % - 90.3 %

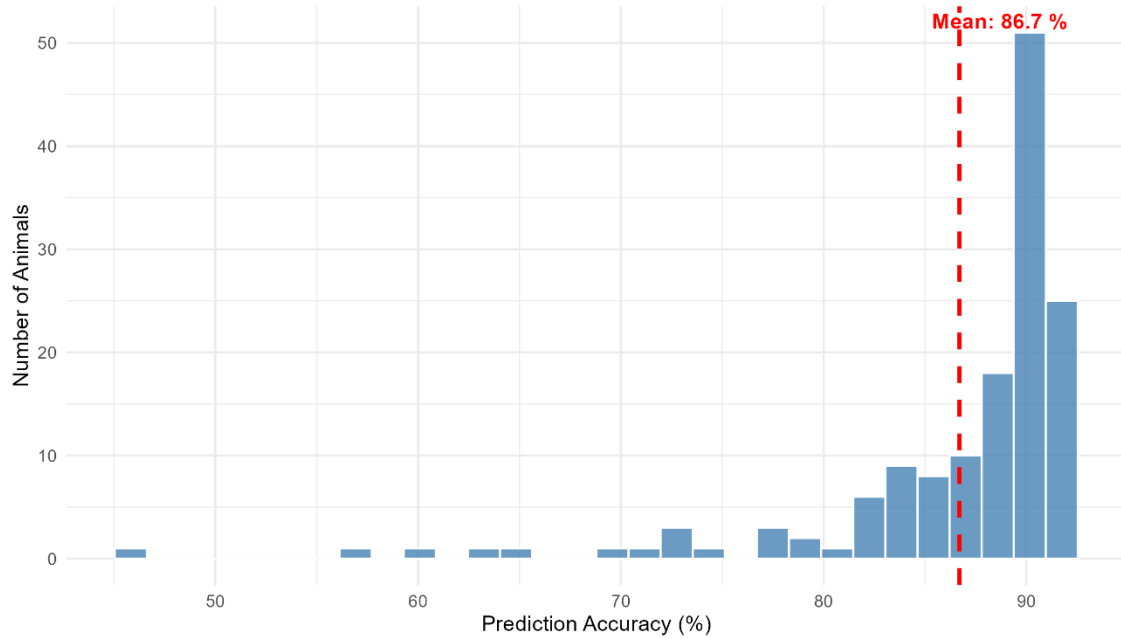




Sub-pectoral height (SH)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

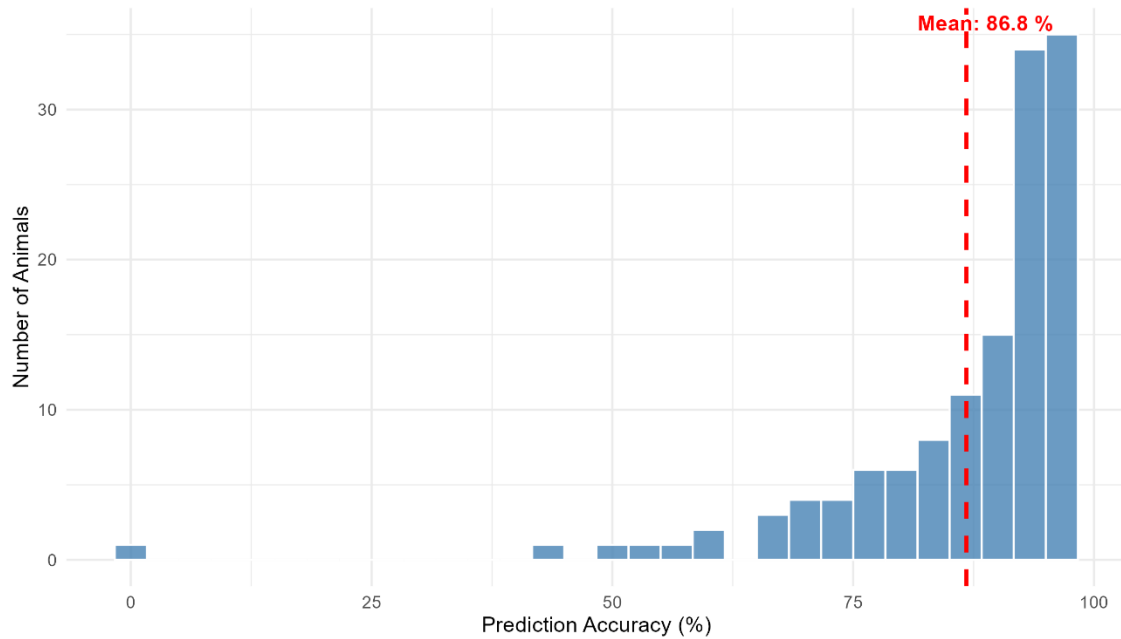
n = 144 phenotyped animals | Range: 45.8 % - 91.8 %

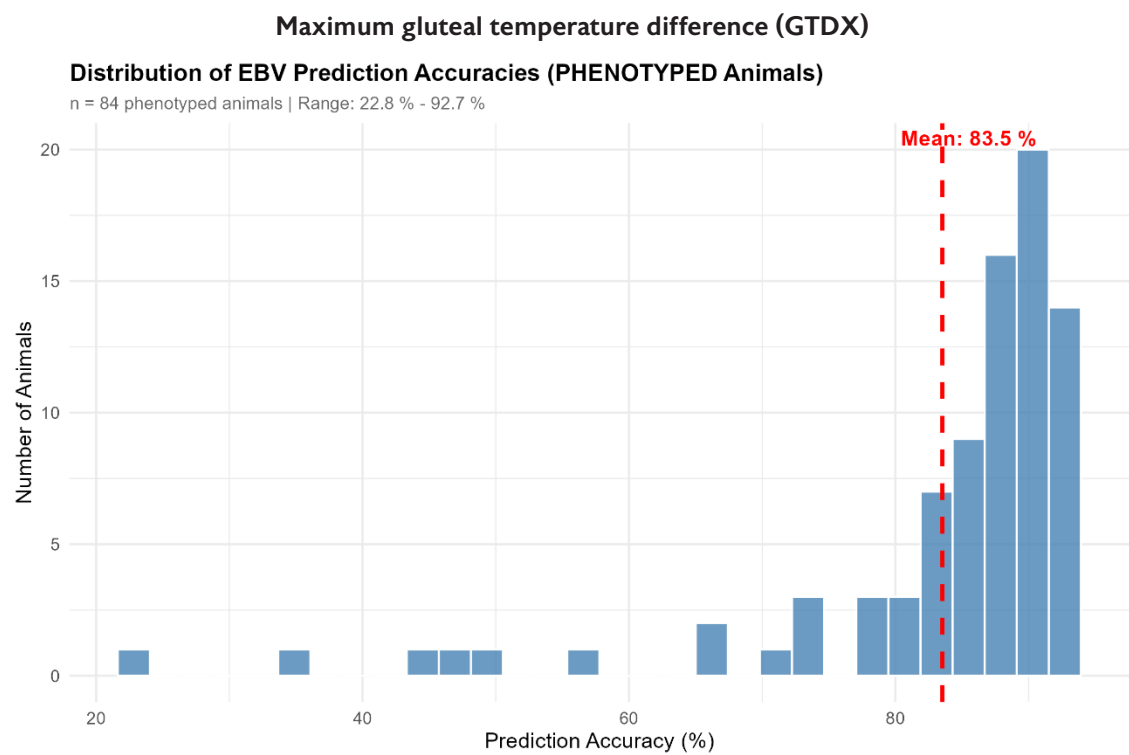
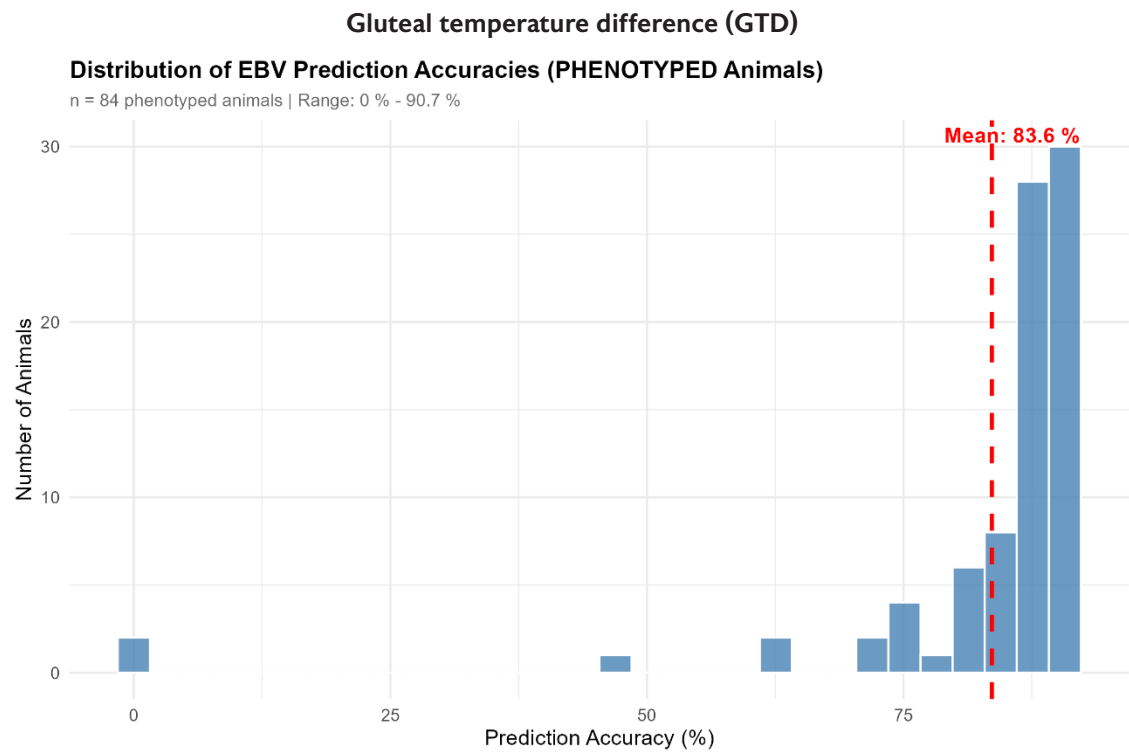


Overreach (OVR)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 133 phenotyped animals | Range: 0 % - 96.7 %

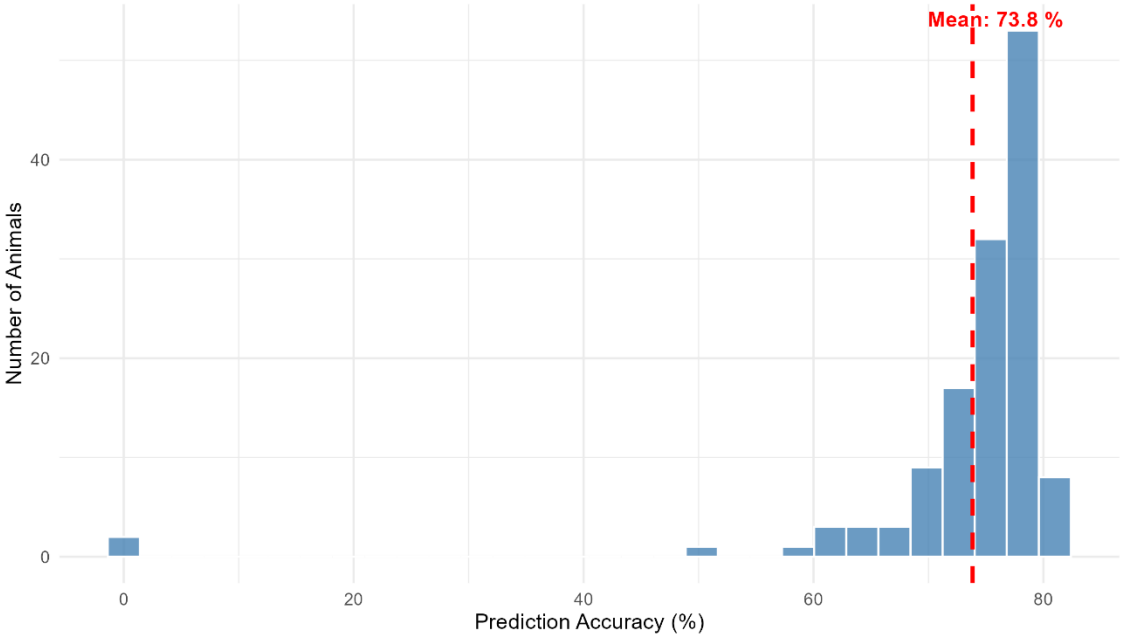




Extension (EXT)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

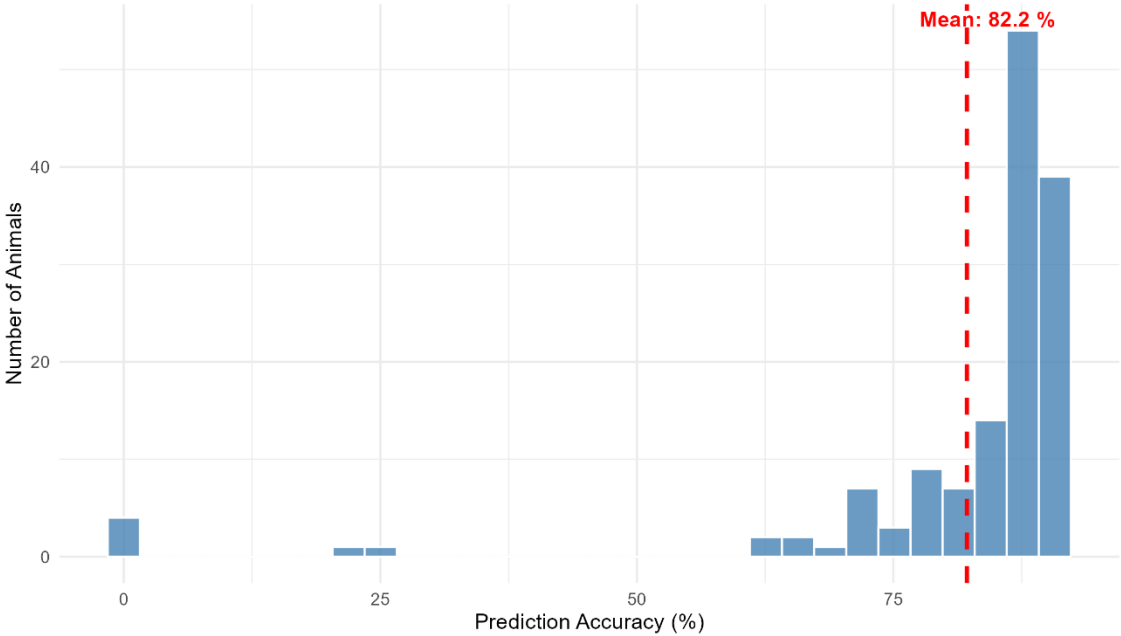
n = 132 phenotyped animals | Range: 0 % - 81 %

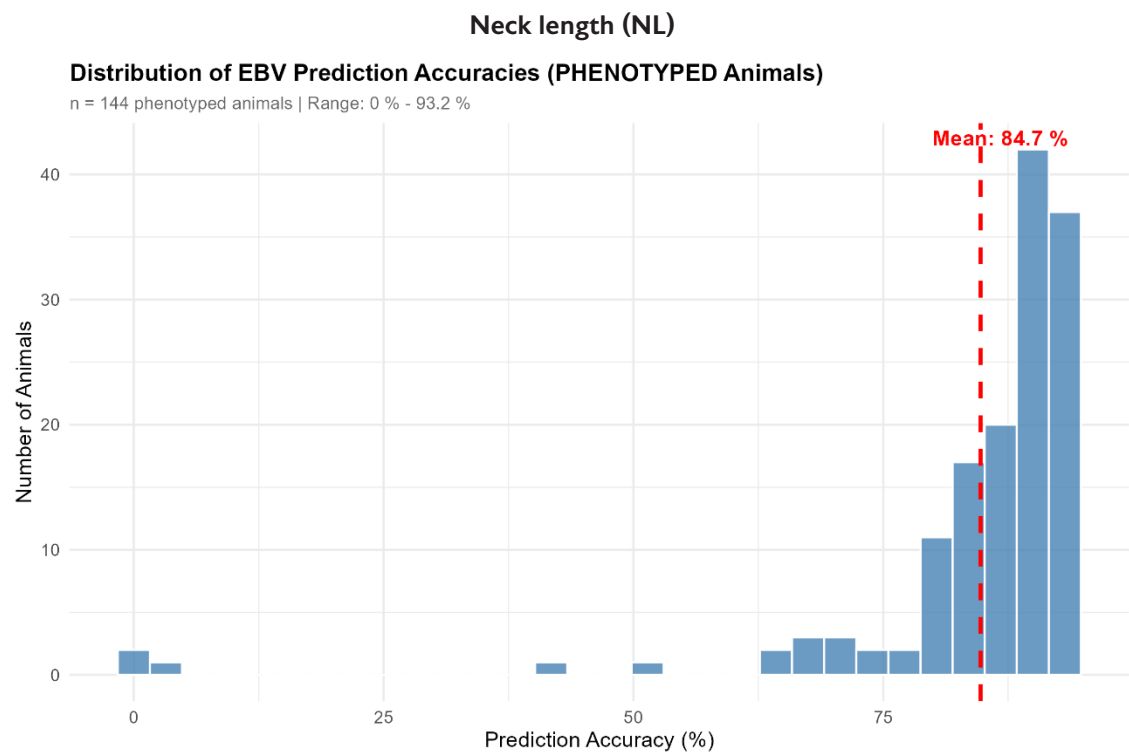
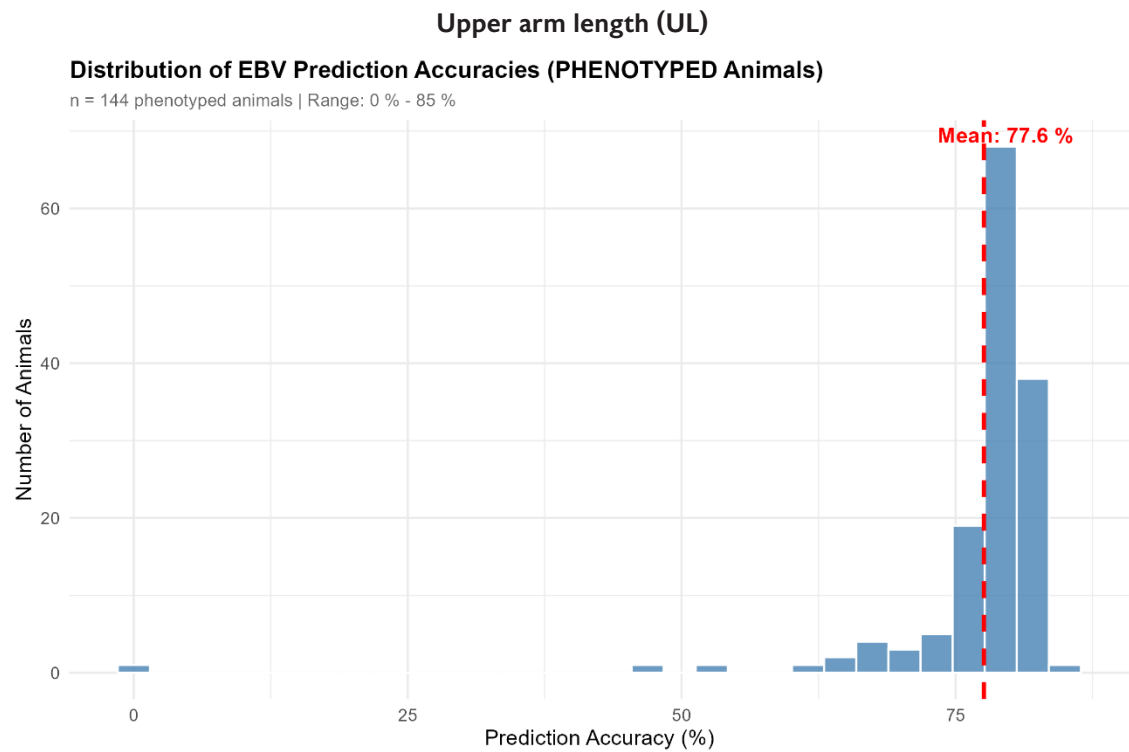


Back inclination angle (BIA)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 144 phenotyped animals | Range: 0 % - 90.7 %

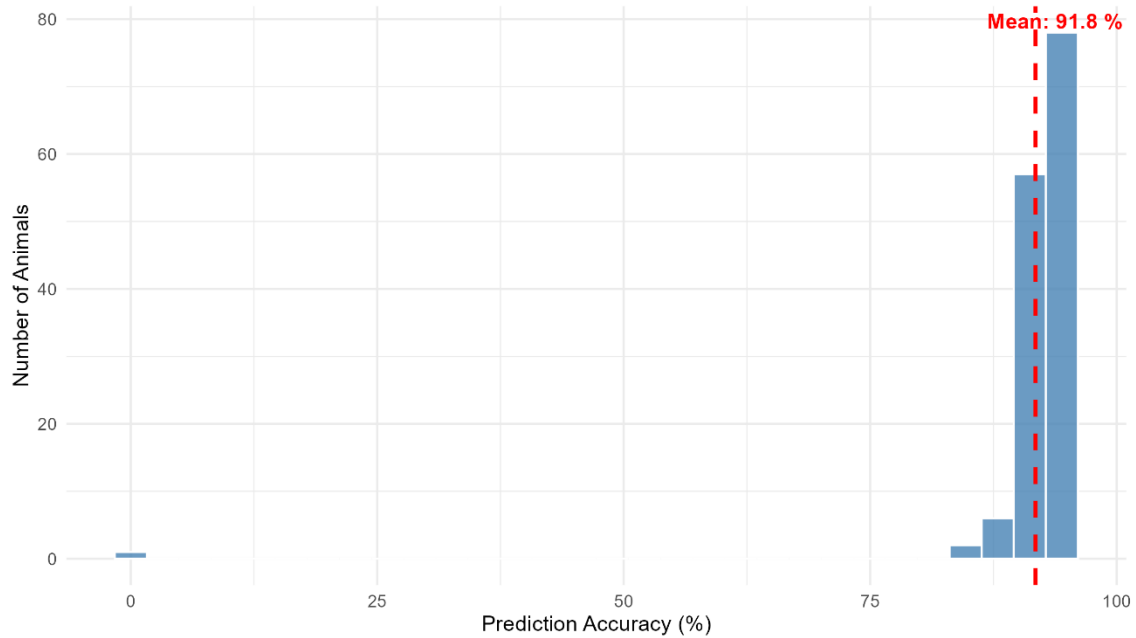




Forelimb pastern length (FPL)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

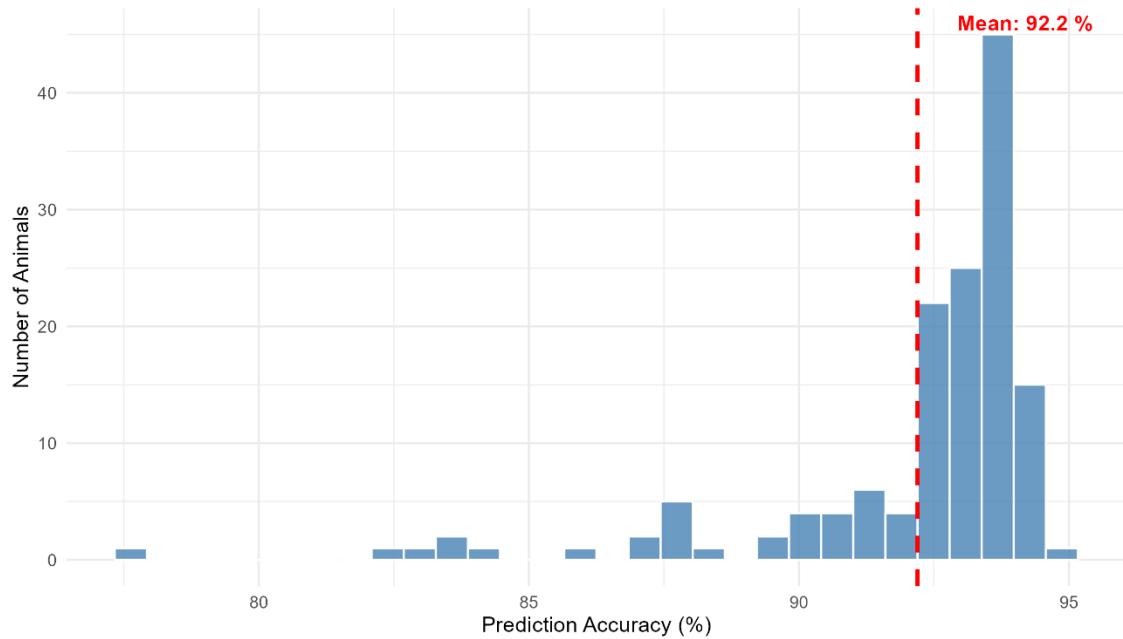
n = 144 phenotyped animals | Range: 0 % - 94.5 %

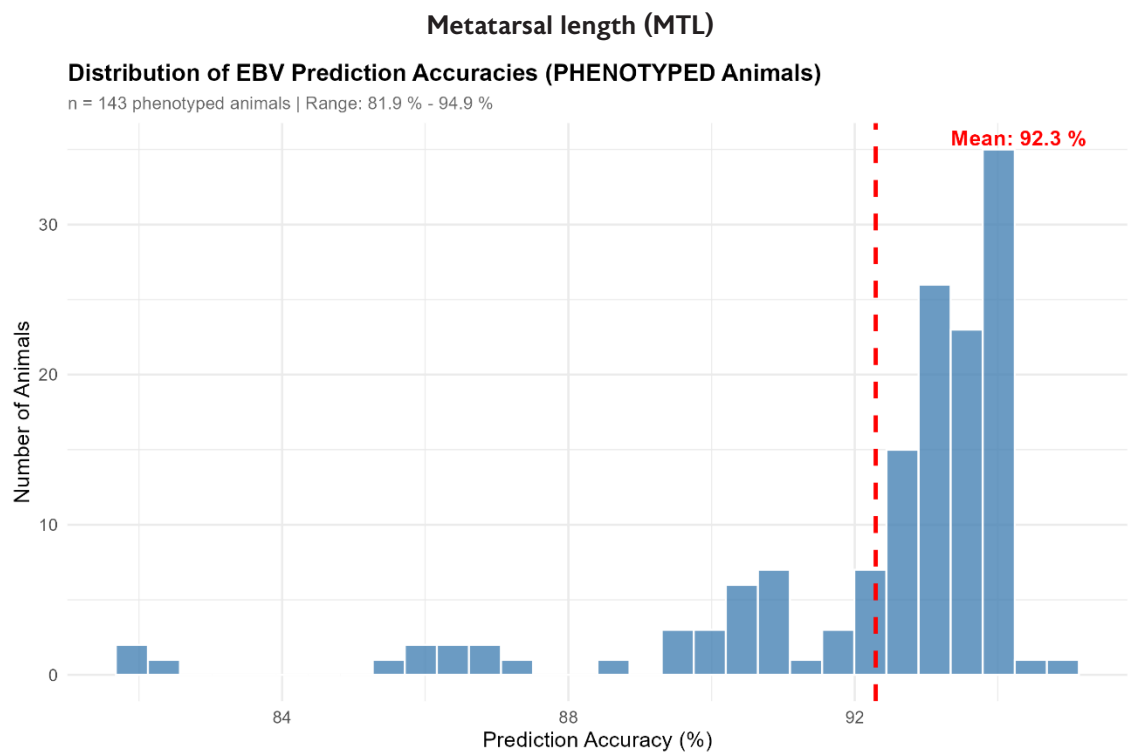
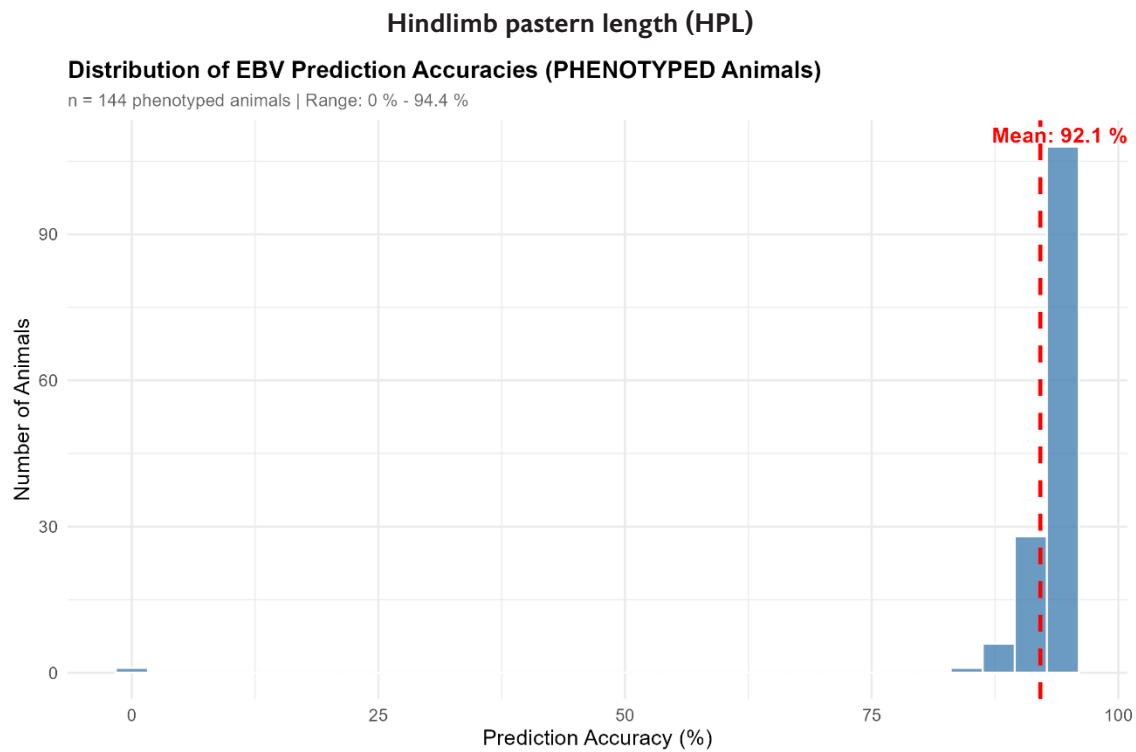


Metacarpal length (MCL)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 143 phenotyped animals | Range: 77.6 % - 94.9 %

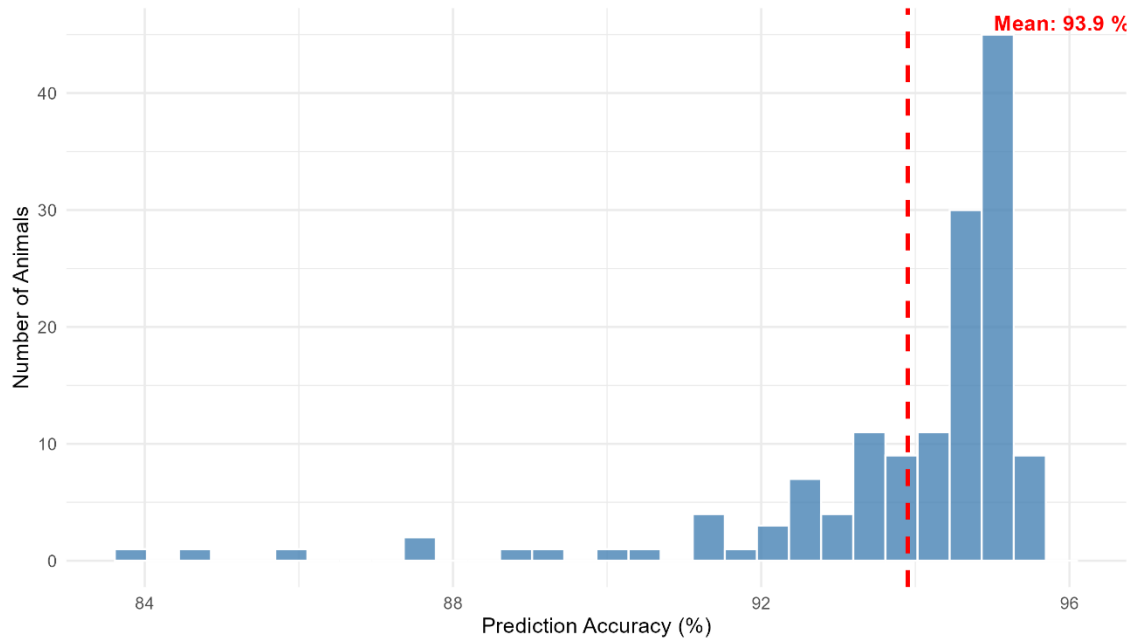




Head length (HL)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

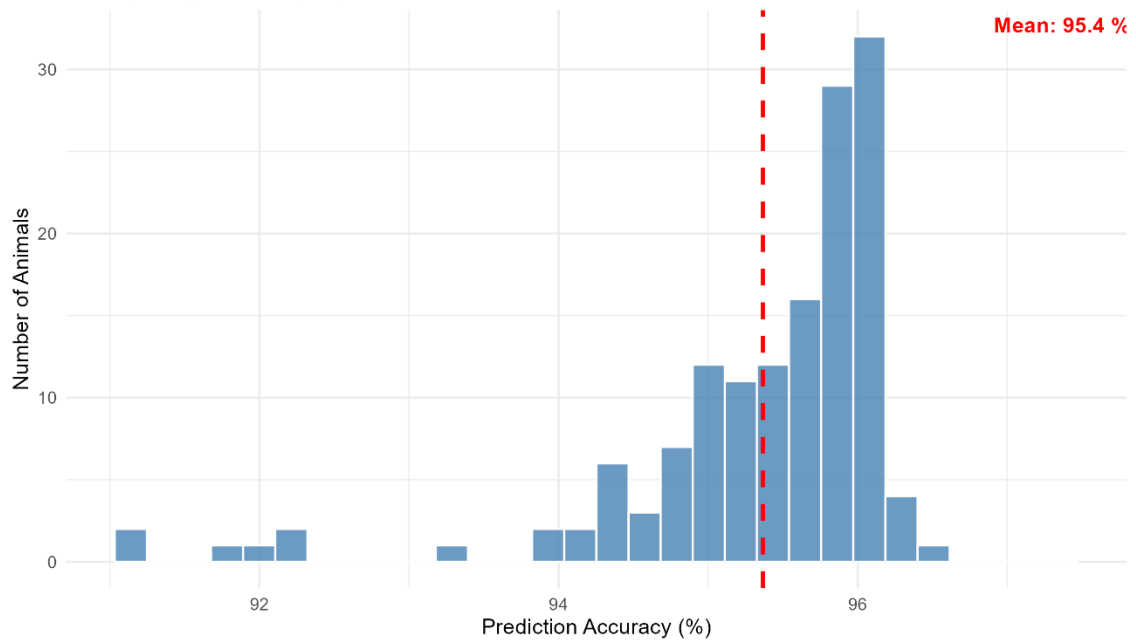
n = 143 phenotyped animals | Range: 83.8 % - 95.5 %

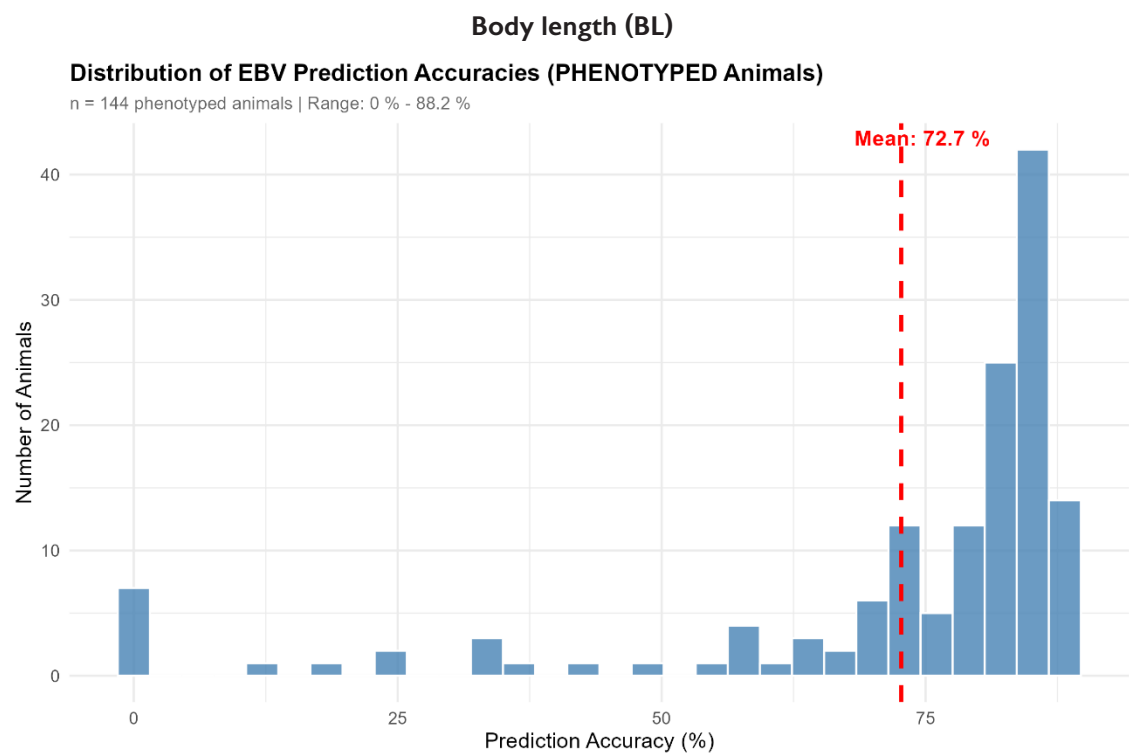
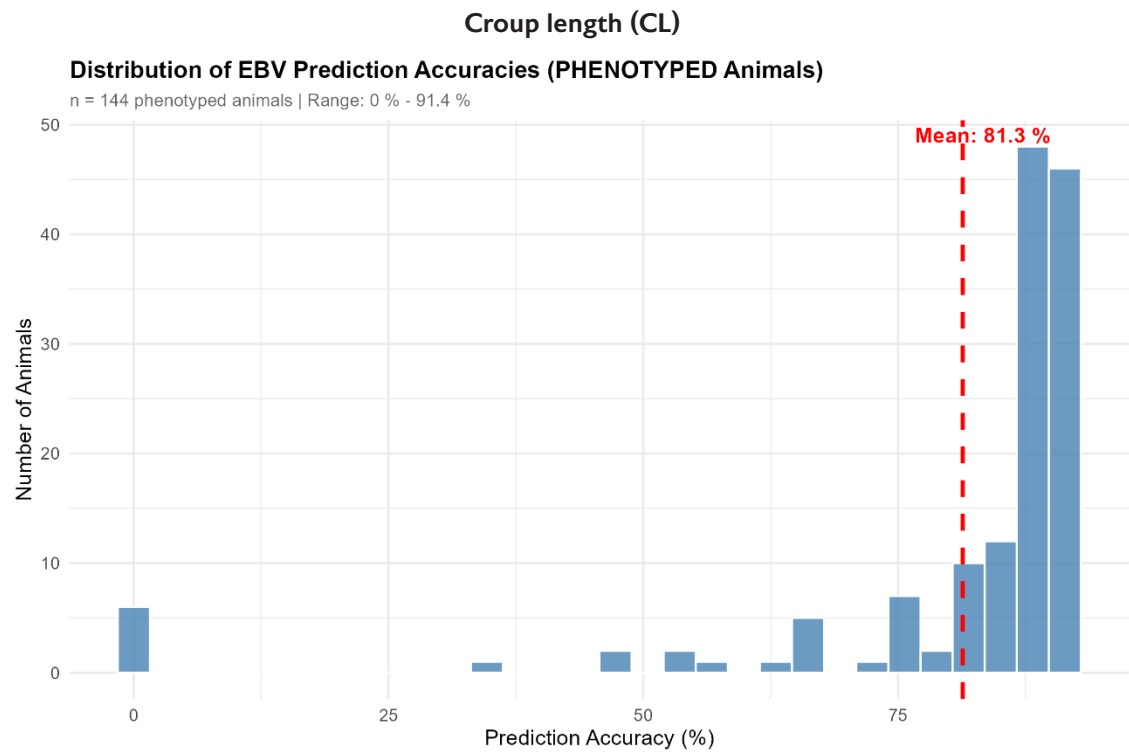


Femur length (FL)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 144 phenotyped animals | Range: 91.1 % - 96.6 %

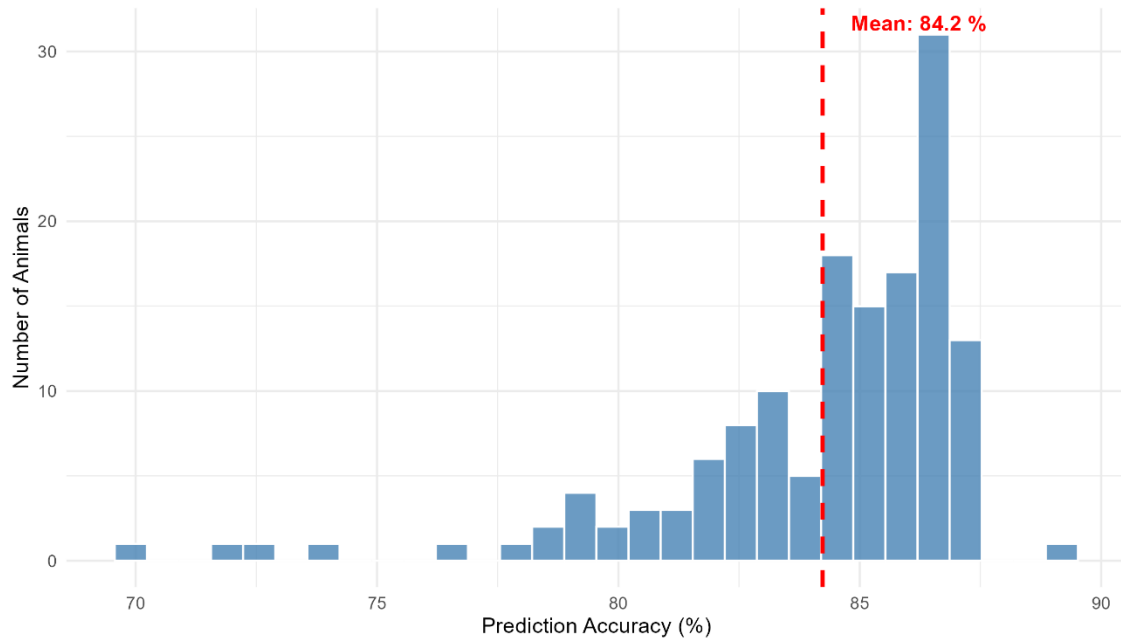




Metacarpal circumference (MC)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

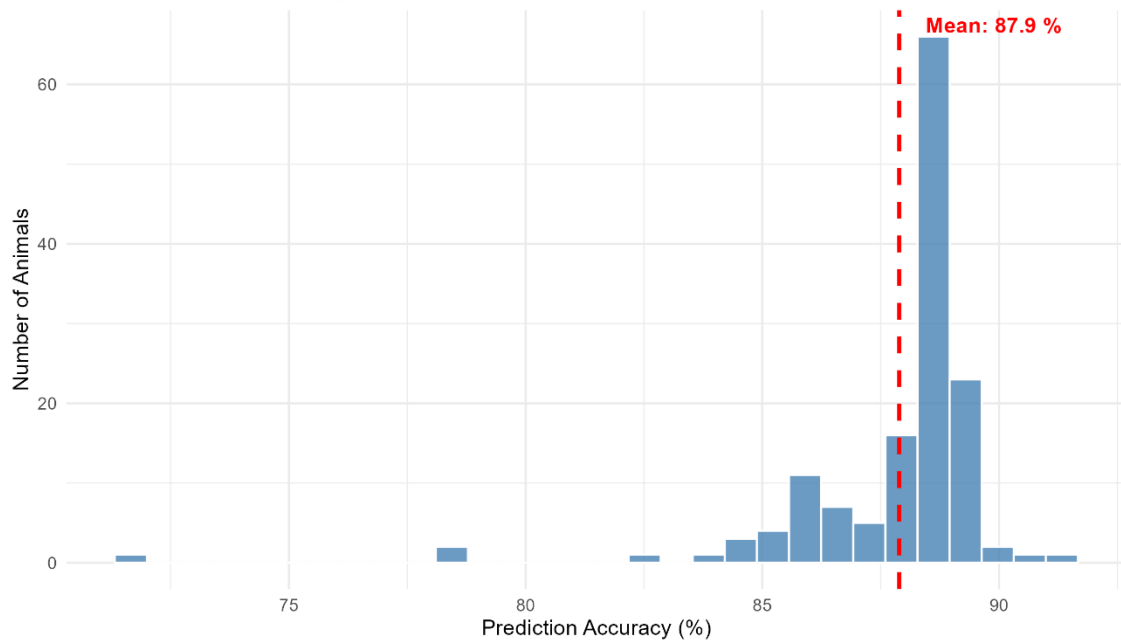
n = 144 phenotyped animals | Range: 69.9 % - 89.2 %

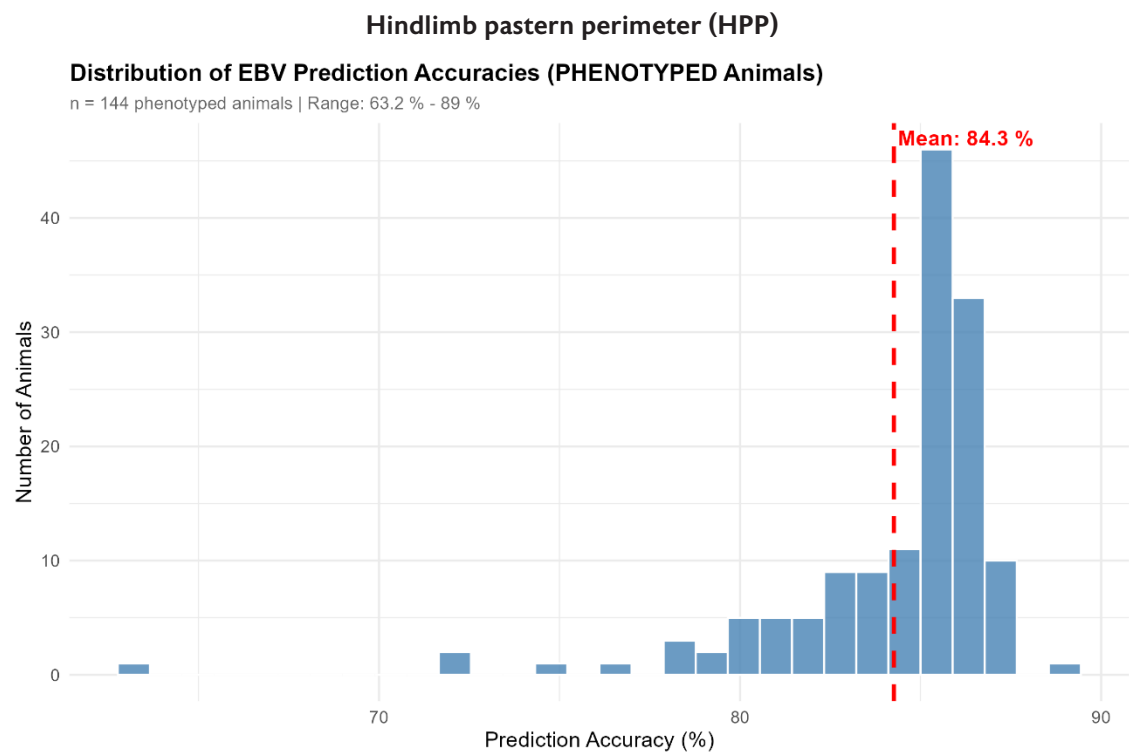
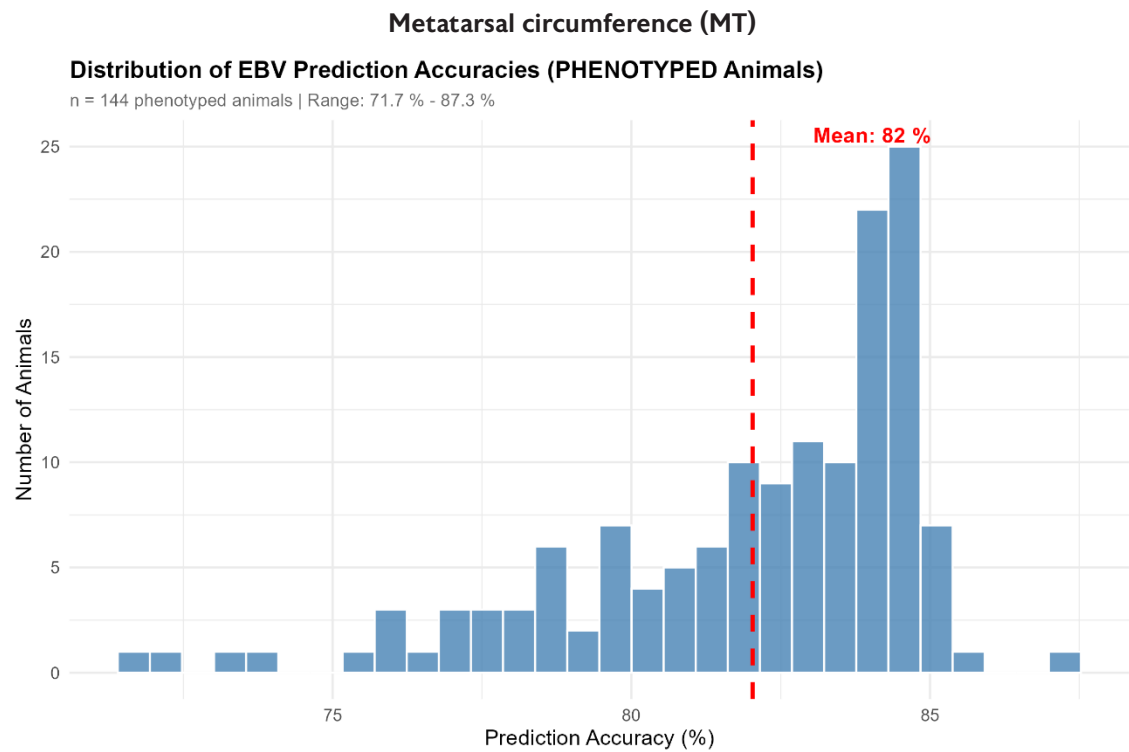


Forelimb pastern perimeter (FPP)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 144 phenotyped animals | Range: 71.7 % - 91.3 %

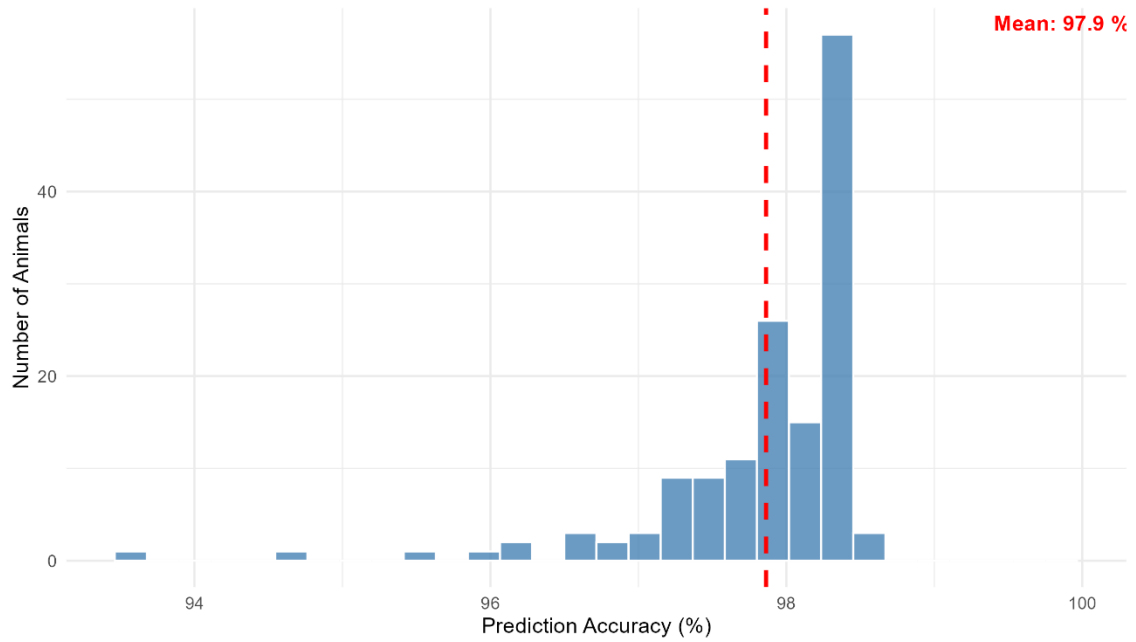




Thoracic girth (TG)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

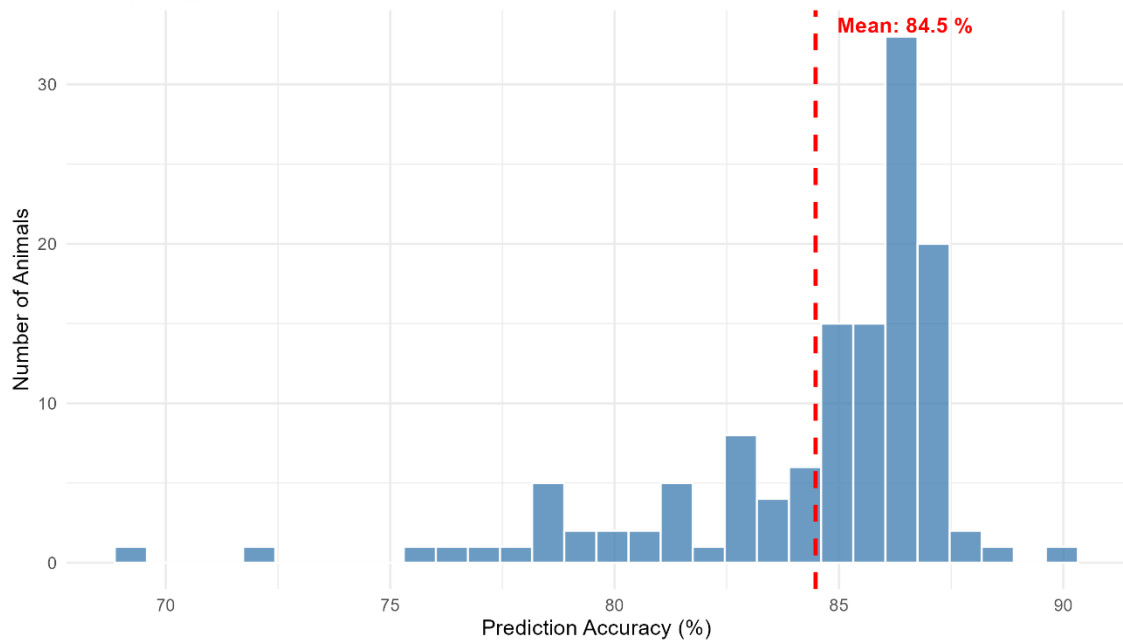
n = 144 phenotyped animals | Range: 93.6 % - 98.5 %

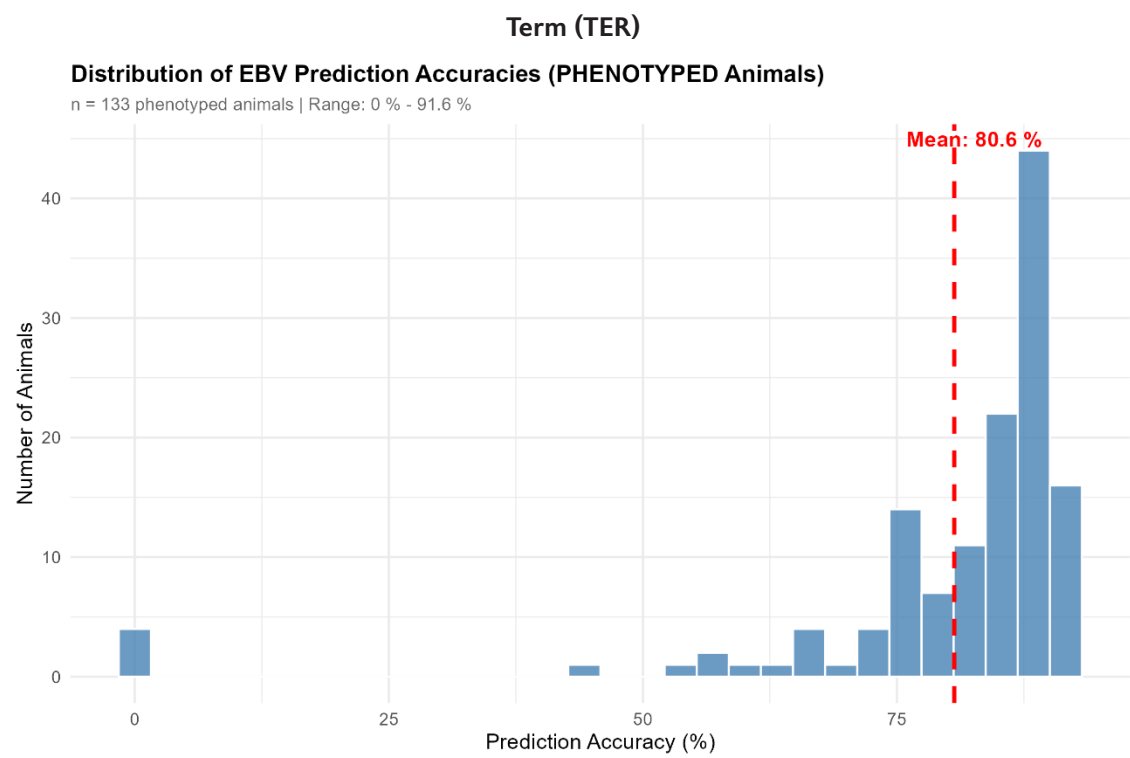


Vertical acceleration (RMS)

Distribution of EBV Prediction Accuracies (PHENOTYPED Animals)

n = 128 phenotyped animals | Range: 69.2 % - 90 %





SUPPLEMENTARY MATERIAL 2.

WH

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	31316	1.8764	1.128	2.1447	-0.6346	7.0346	7.6692	0	0
2	28324	1.6848	1.1756	1.7569	-0.576	5.8121	6.3881	0.5207	52.07
3	33889	1.6386	1.1939	1.7757	-0.7415	5.6661	6.4076	0.5054	50.54
4	31432	1.4672	0.8654	1.8294	-0.8467	5.9185	6.7652	0.4579	45.79
5	31717	1.4365	1.024	1.5713	-0.821	4.9685	5.7895	0.6457	64.57
6	34283	0.9985	0.6595	1.4451	-1.1822	4.2587	5.4408	0.7119	71.19
7	33812	0.9775	0.6203	1.4176	-1.0944	4.3782	5.4726	0.7249	72.49
8	32542	0.9432	0.5891	1.4462	-1.1293	4.4638	5.5932	0.7114	71.14
9	38914	0.8957	0.5497	1.4591	-1.2442	4.5044	5.7486	0.7052	70.52
10	33988	0.8937	0.5615	1.3704	-1.1107	4.1673	5.278	0.746	74.6
11	31723	0.8753	0.673	1.2499	-1.1387	3.7575	4.8962	0.7944	79.44
12	27937	0.8694	0.5454	1.3587	-1.1215	4.2008	5.3223	0.751	75.1
13	30206	0.847	0.5316	1.3177	-1.1449	3.9743	5.1192	0.7681	76.81
14	33814	0.8459	0.5409	1.3367	-1.1421	4.0448	5.187	0.7603	76.03
15	34146	0.7975	0.5161	1.3009	-1.2386	3.9328	5.1714	0.7748	77.48
16	30043	0.7775	0.4962	1.2997	-1.2376	3.938	5.1756	0.7753	77.53
17	32608	0.765	0.4874	1.3146	-1.2796	3.9149	5.1944	0.7694	76.94
18	31629	0.7366	0.4433	1.2956	-1.2666	3.997	5.2636	0.7769	77.69
19	31004	0.7354	0.4751	1.3063	-1.3849	3.7564	5.1413	0.7727	77.27
20	31742	0.7323	0.4561	1.3035	-1.3184	3.8397	5.1581	0.7738	77.38
21	31854	0.7192	0.4507	1.335	-1.3402	4.0572	5.3974	0.761	76.1
22	33168	0.7156	0.4513	1.2797	-1.289	3.8193	5.1083	0.7831	78.31
23	31430	0.6964	0.4508	1.2403	-1.3258	3.6709	4.9968	0.798	79.8
24	39022	0.6842	0.4231	1.2768	-1.3569	3.8042	5.1611	0.7842	78.42
25	31111	0.6537	0.3995	1.2627	-1.3566	3.6827	5.0393	0.7896	78.96
26	32859	0.6348	0.3834	1.2917	-1.4844	3.6716	5.156	0.7784	77.84
27	34729	0.6212	0.4446	1.1891	-1.4497	3.313	4.7627	0.8161	81.61
28	31724	0.6204	0.4841	1.1317	-1.3704	3.1863	4.5568	0.8352	83.52
29	39482	0.5793	0.3645	1.1931	-1.3944	3.4393	4.8337	0.8148	81.48
30	27883	0.5654	0.3428	1.1946	-1.3431	3.4452	4.7883	0.8142	81.42
31	34084	0.5332	0.3608	1.1272	-1.4228	3.214	4.6368	0.8366	83.66
32	39081	0.5187	0.3089	1.2878	-1.6989	3.6454	5.3443	0.78	78

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
33	19341	0.4906	0.2977	1.2058	-1.5432	3.3829	4.9261	0.8103	81.03
34	29636	0.4873	0.3089	1.1302	-1.4567	3.1853	4.642	0.8357	83.57
35	34089	0.4781	0.3097	1.124	-1.4274	3.0876	4.515	0.8377	83.77
36	31980	0.4625	0.3117	1.1351	-1.5001	3.1208	4.6209	0.8341	83.41
37	38569	0.4543	0.3046	1.1346	-1.5639	3.0527	4.6166	0.8343	83.43
38	31440	0.4348	0.2856	1.1365	-1.5749	3.0389	4.6138	0.8336	83.36
39	32334	0.4194	0.2925	1.1233	-1.6171	3.0399	4.657	0.8379	83.79
40	27211	0.419	0.2728	1.1524	-1.6347	3.1467	4.7814	0.8285	82.85
41	29151	0.4129	0.2489	1.1801	-1.6398	3.2224	4.8622	0.8192	81.92
42	34732	0.3981	0.2265	1.274	-1.9225	3.3367	5.2592	0.7853	78.53
43	30485	0.3714	0.2446	1.1079	-1.5663	2.964	4.5302	0.8427	84.27
44	35047	0.3697	0.2509	1.0787	-1.6	2.8939	4.4939	0.8516	85.16
45	17965	0.3612	0.2025	1.1775	-1.7464	3.1291	4.8755	0.8201	82.01
46	19145	0.3561	0.2208	1.0982	-1.6176	2.8549	4.4725	0.8457	84.57
47	35279	0.3442	0.2117	1.0885	-1.6553	2.8109	4.4662	0.8486	84.86
48	30788	0.3338	0.2251	1.1906	-1.8595	3.037	4.8965	0.8156	81.56
49	31425	0.3217	0.2101	1.063	-1.6269	2.7188	4.3457	0.8562	85.62
50	33047	0.3062	0.2185	1.0916	-1.725	2.7706	4.4956	0.8477	84.77
51	32928	0.3003	0.1829	1.0841	-1.6531	2.8591	4.5121	0.85	85
52	28680	0.2898	0.1902	1.08	-1.742	2.7392	4.4812	0.8512	85.12
53	38547	0.2873	0.1916	1.1073	-1.7122	2.8152	4.5273	0.8429	84.29
54	23729	0.2837	0.1677	1.2773	-2.1216	3.3222	5.4438	0.784	78.4
55	38669	0.2632	0.1783	1.0735	-1.7972	2.6544	4.4516	0.8531	85.31
56	29444	0.2508	0.1611	1.0686	-1.737	2.6111	4.3482	0.8546	85.46
57	30634	0.2417	0.161	1.0574	-1.8633	2.568	4.4314	0.8579	85.79
58	34004	0.2362	0.1578	1.0586	-1.7153	2.5528	4.268	0.8575	85.75
59	30982	0.2316	0.1504	1.045	-1.7718	2.5812	4.353	0.8615	86.15
60	32878	0.2113	0.1568	1.1012	-1.9146	2.6034	4.518	0.8448	84.48
61	39662	0.1959	0.1265	1.0687	-1.8907	2.5665	4.4571	0.8546	85.46
62	36112	0.1922	0.1219	1.2195	-2.2684	2.8827	5.151	0.8055	80.55
63	33809	0.161	0.108	1.0841	-2.0261	2.5408	4.5669	0.85	85
64	28378	0.1577	0.1037	1.0425	-1.8923	2.414	4.3063	0.8622	86.22
65	34731	0.1566	0.1289	1.0264	-1.9057	2.3941	4.2998	0.8667	86.67
66	39779	0.145	0.1004	1.1319	-2.1673	2.6193	4.7867	0.8351	83.51
67	32410	0.1447	0.087	1.0362	-1.9226	2.4877	4.4103	0.864	86.4

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
68	20131	0.1441	0.0687	1.0682	-1.9109	2.5259	4.4368	0.8547	85.47
69	29236	0.1	0.093	1.0634	-2.0923	2.4378	4.5301	0.8561	85.61
70	34094	0.0966	0.03	1.0936	-2.0244	2.5926	4.617	0.8471	84.71
71	38553	0.0828	0.0467	1.0392	-1.9739	2.3412	4.3152	0.8631	86.31
72	31630	0.0791	0.0612	1.0482	-2.0179	2.3817	4.3997	0.8606	86.06
73	32206	0.0566	0.031	1.1415	-2.3211	2.5133	4.8345	0.832	83.2
74	31535	0.0244	0.0138	1.1989	-2.5759	2.5636	5.1395	0.8128	81.28
75	34218	0.0054	0.0128	1.0626	-2.1947	2.2348	4.4295	0.8564	85.64
76	32658	0.0039	-0.0135	1.4729	-3.1653	3.2211	6.3864	0.6984	69.84
77	34005	0.002	0.0021	1.0119	-2.0969	2.1205	4.2174	0.8708	87.08
78	36043	-0.0093	-0.0369	1.1467	-2.4138	2.5049	4.9186	0.8303	83.03
79	27378	-0.0135	-0.0192	1.0211	-2.1655	2.1337	4.2992	0.8682	86.82
80	34236	-0.0153	-0.0007	1.0301	-2.2192	2.0684	4.2876	0.8657	86.57
81	33191	-0.0155	0.0023	1.203	-2.6291	2.5532	5.1823	0.8113	81.13
82	39377	-0.0234	-0.019	1.0463	-2.2457	2.1924	4.4381	0.8611	86.11
83	30647	-0.0402	-0.0201	1.4089	-3.2028	2.9159	6.1187	0.7289	72.89
84	38896	-0.0443	-0.0203	0.988	-2.1591	2.0056	4.1647	0.8772	87.72
85	32398	-0.0645	-0.044	1.1074	-2.3971	2.1858	4.5829	0.8428	84.28
86	32328	-0.0904	-0.0777	1.0567	-2.3331	2.1004	4.4335	0.8581	85.81
87	33333	-0.0905	-0.0612	1.0656	-2.3909	2.1228	4.5137	0.8555	85.55
88	34728	-0.0917	-0.0724	1.0072	-2.2373	1.9513	4.1886	0.872	87.2
89	35257	-0.1368	-0.0858	1.0523	-2.4213	1.9351	4.3564	0.8594	85.94
90	29215	-0.172	-0.1035	1.0368	-2.3943	1.8261	4.2204	0.8638	86.38
91	27239	-0.1772	-0.1138	0.9958	-2.4514	1.7518	4.2032	0.8751	87.51
92	34114	-0.1909	-0.1479	1.0149	-2.4284	1.8385	4.2669	0.8699	86.99
93	35186	-0.2116	-0.1429	1.0921	-2.6702	1.9007	4.5709	0.8475	84.75
94	39440	-0.2312	-0.1483	1.0496	-2.6414	1.7436	4.3849	0.8602	86.02
95	27836	-0.2324	-0.1196	1.1827	-2.9905	2.0622	5.0527	0.8183	81.83
96	29369	-0.2888	-0.1655	1.092	-2.7109	1.6866	4.3976	0.8476	84.76
97	34303	-0.2916	-0.1994	1.0516	-2.6429	1.6725	4.3154	0.8596	85.96
98	33203	-0.3072	-0.1566	1.2992	-3.4484	2.112	5.5605	0.7755	77.55
99	30603	-0.3095	-0.2368	1.1557	-2.8902	1.9119	4.8021	0.8274	82.74
100	27509	-0.3164	-0.2018	1.0967	-2.7968	1.7184	4.5152	0.8462	84.62
101	20548	-0.3214	-0.1714	1.1835	-3.1499	1.8457	4.9956	0.8181	81.81
102	27301	-0.325	-0.2057	1.0856	-2.871	1.6694	4.5404	0.8495	84.95

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
103	38600	-0.346	-0.218	1.0888	-2.9213	1.6313	4.5527	0.8485	84.85
104	33331	-0.3485	-0.2263	1.1345	-2.9637	1.741	4.7048	0.8343	83.43
105	32460	-0.3506	-0.2232	1.0761	-2.8525	1.5788	4.4312	0.8524	85.24
106	32050	-0.3553	-0.2407	1.156	-2.9901	1.7839	4.774	0.8273	82.73
107	31515	-0.3646	-0.2542	1.1244	-2.8738	1.7442	4.618	0.8375	83.75
108	32505	-0.3742	-0.2539	1.1363	-2.9605	1.7878	4.7483	0.8337	83.37
109	38941	-0.3841	-0.3031	1.0361	-2.7578	1.5603	4.3181	0.864	86.4
110	38648	-0.3921	-0.2451	1.1184	-2.9502	1.6799	4.6301	0.8394	83.94
111	19044	-0.3991	-0.2383	1.1965	-3.2206	1.745	4.9656	0.8136	81.36
112	28494	-0.4772	-0.3218	1.1144	-3.0577	1.3987	4.4564	0.8407	84.07
113	39571	-0.4928	-0.3622	1.1466	-3.1081	1.5599	4.668	0.8304	83.04
114	38603	-0.493	-0.3091	1.1462	-3.3146	1.497	4.8116	0.8305	83.05
115	30891	-0.5137	-0.3374	1.1757	-3.2618	1.4877	4.7496	0.8207	82.07
116	38835	-0.5684	-0.3926	1.2096	-3.3554	1.5683	4.9238	0.809	80.9
117	39465	-0.5773	-0.3616	1.1805	-3.323	1.3718	4.6948	0.8191	81.91
118	31427	-0.588	-0.3697	1.1772	-3.4036	1.3376	4.7412	0.8202	82.02
119	40635	-0.6401	-0.4037	1.2309	-3.6116	1.3168	4.9283	0.8014	80.14
120	29257	-0.6449	-0.4203	1.184	-3.4205	1.2602	4.6807	0.8179	81.79
121	39472	-0.6731	-0.4254	1.2287	-3.644	1.2974	4.9414	0.8022	80.22
122	39296	-0.6764	-0.4568	1.2997	-3.759	1.4737	5.2327	0.7753	77.53
123	29910	-0.7237	-0.4504	1.3033	-3.8962	1.3414	5.2375	0.7739	77.39
124	35375	-0.7252	-0.4619	1.2835	-3.792	1.2899	5.0818	0.7817	78.17
125	30869	-0.7601	-0.4573	1.3263	-3.9688	1.3075	5.2762	0.7646	76.46
126	32504	-0.7706	-0.5047	1.3652	-3.9392	1.4398	5.379	0.7483	74.83
127	32499	-0.8203	-0.5472	1.4357	-4.3377	1.4059	5.7436	0.7164	71.64
128	38939	-0.8261	-0.5134	1.3123	-3.9388	1.234	5.1727	0.7703	77.03
129	30790	-0.8869	-0.5275	1.4144	-4.3569	1.12	5.4769	0.7264	72.64
130	32604	-0.9292	-0.5668	1.5	-4.5263	1.3612	5.8875	0.6846	68.46
131	38879	-0.9349	-0.545	1.4965	-4.7299	1.1414	5.8713	0.6864	68.64
132	31549	-0.9694	-0.6035	1.4195	-4.4692	1.0476	5.5168	0.724	72.4
133	32997	-0.988	-0.5991	1.4695	-4.544	1.1762	5.7201	0.7	70
134	33945	-0.9999	-0.6247	1.458	-4.6094	1.0596	5.669	0.7057	70.57
135	39042	-1.0177	-0.6091	1.4596	-4.5421	1.0343	5.5763	0.7049	70.49
136	32072	-1.1066	-0.6551	1.5546	-4.9679	1.0431	6.011	0.6552	65.52
137	29952	-1.2762	-0.7882	1.6365	-5.2673	0.9316	6.1989	0.6063	60.63

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
138	30073	-1.3291	-0.7873	1.7117	-5.6231	0.8477	6.4707	0.555	55.5
139	28278	-1.3356	-0.799	1.7465	-5.7047	0.8885	6.5932	0.5289	52.89
140	31541	-1.3594	-0.8238	1.7454	-5.5613	0.9202	6.4815	0.5297	52.97
141	31431	-1.3922	-0.8391	1.7554	-5.7171	0.8601	6.5772	0.5219	52.19
142	31914	-1.6108	-0.9596	1.9758	-6.5257	0.8262	7.3518	0.2796	27.96
143	40632	-1.6891	-0.998	2.0433	-6.6514	0.9007	7.552	0.1187	11.87
144	39376	-2.1343	-1.2235	2.3888	-7.9374	0.5642	8.5016	0	0

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31724	7.0418	7.8253	2.5493	0.3761	10.1861	9.81	0.8192	81.92
2	31717	6.3191	6.9908	2.312	0.2787	9.3234	9.0447	0.8541	85.41
3	33889	5.9389	6.5399	2.17	0.2986	8.8856	8.587	0.8728	87.28
4	28324	4.1466	4.2714	1.5528	0.3168	6.8895	6.5727	0.937	93.7
5	31742	4.1279	4.5957	2.0087	-0.5007	7.0961	7.5968	0.8921	89.21
6	38914	4.1074	4.6152	2.0355	-0.5336	7.0867	7.6203	0.889	88.9
7	34146	4.0917	4.5961	1.9578	-0.4342	6.8407	7.2749	0.8978	89.78
8	29151	4.0596	4.581	2.03	-0.4649	6.9518	7.4167	0.8896	88.96
9	31004	3.9234	4.3115	1.7889	-0.2768	6.6535	6.9303	0.9155	91.55
10	33814	3.6565	4.0917	1.8473	-0.528	6.4339	6.9619	0.9096	90.96
11	32928	3.656	4.0671	1.8303	-0.4978	6.3694	6.8672	0.9113	91.13
12	32542	3.3405	3.6558	1.7994	-0.6084	6.1533	6.7616	0.9144	91.44
13	27937	3.1039	3.4109	1.7024	-0.7588	5.7686	6.5274	0.9238	92.38
14	19145	3.0965	3.4193	1.7337	-0.8042	5.8283	6.6325	0.9208	92.08
15	27836	3.0874	3.4023	1.7272	-0.6933	5.8037	6.497	0.9214	92.14
16	31854	3.028	3.3598	1.653	-0.5738	5.7099	6.2837	0.9283	92.83
17	31316	2.9963	3.3409	1.6624	-0.6531	5.6294	6.2825	0.9274	92.74
18	30485	2.9858	3.3144	1.6627	-0.7755	5.5618	6.3372	0.9274	92.74
19	30982	2.9572	3.2566	1.6555	-0.712	5.6149	6.3269	0.9281	92.81
20	34283	2.9466	3.2565	1.6712	-0.8354	5.5993	6.4347	0.9266	92.66
21	31432	2.9417	3.2585	1.6628	-0.7615	5.6363	6.3979	0.9274	92.74
22	34089	2.8721	3.1683	1.6518	-0.787	5.5357	6.3227	0.9284	92.84
23	31440	2.6301	2.8568	1.6258	-0.9049	5.3648	6.2697	0.9307	93.07
24	32334	2.6106	2.8274	1.6341	-0.9456	5.3722	6.3178	0.93	93
25	39022	2.5972	2.8648	1.5284	-0.751	5.1231	5.8741	0.939	93.9
26	32859	2.379	2.5557	1.4483	-0.7801	4.9783	5.7584	0.9454	94.54
27	27301	2.35	2.4376	1.3734	-0.5423	4.8707	5.4131	0.9511	95.11
28	34114	2.2418	2.4726	1.4739	-1.0246	4.7313	5.7559	0.9434	94.34
29	31629	2.2063	2.4256	1.4815	-1.0352	4.6787	5.714	0.9428	94.28
30	32658	2.1904	2.4368	1.5024	-1.2127	4.7663	5.979	0.9412	94.12

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	34732	2.1405	2.3442	1.4981	-1.1695	4.6499	5.8194	0.9415	94.15
32	33812	2.1386	2.3545	1.4948	-1.0837	4.7407	5.8244	0.9418	94.18
33	20548	2.138	2.3185	1.4941	-1.048	4.7363	5.7843	0.9418	94.18
34	32050	2.0938	2.2201	1.4898	-1.0873	4.8359	5.9231	0.9422	94.22
35	32398	1.9919	2.1557	1.5262	-1.3185	4.7284	6.0468	0.9392	93.92
36	31723	1.8797	1.8953	1.3593	-0.9224	4.8109	5.7333	0.9521	95.21
37	32608	1.8628	2.0189	1.477	-1.2809	4.5316	5.8125	0.9432	94.32
38	34303	1.8232	1.9761	1.523	-1.4046	4.6306	6.0351	0.9395	93.95
39	36112	1.7077	1.7712	1.3518	-1.0773	4.3149	5.3922	0.9526	95.26
40	27378	1.6576	1.7336	1.4513	-1.3806	4.3504	5.731	0.9452	94.52
41	27509	1.646	1.7487	1.4353	-1.4326	4.2937	5.7262	0.9464	94.64
42	28378	1.6125	1.7154	1.3964	-1.3827	4.2534	5.6362	0.9494	94.94
43	30603	1.5701	1.6521	1.3596	-1.3331	4.0967	5.4298	0.9521	95.21
44	33047	1.5449	1.6649	1.3743	-1.4513	4.0835	5.5348	0.951	95.1
45	38669	1.5144	1.6333	1.3945	-1.4777	4.1196	5.5973	0.9495	94.95
46	38941	1.465	1.5892	1.3229	-1.4131	3.9067	5.3198	0.9547	95.47
47	30634	1.4601	1.5779	1.3363	-1.315	3.9447	5.2597	0.9537	95.37
48	35047	1.4338	1.5354	1.3547	-1.466	3.9945	5.4606	0.9524	95.24
49	32410	1.4292	1.5381	1.3402	-1.4016	3.9194	5.3211	0.9535	95.35
50	35279	1.4226	1.5263	1.384	-1.4924	4.035	5.5274	0.9503	95.03
51	17965	1.3897	1.4566	1.562	-1.8434	4.2869	6.1303	0.9362	93.62
52	32206	1.1365	1.1863	1.3774	-1.7748	3.7701	5.5448	0.9508	95.08
53	27239	1.083	1.0936	1.3063	-1.5029	3.6429	5.1458	0.9558	95.58
54	35186	1.0463	1.0976	1.4442	-1.9527	3.8265	5.7792	0.9458	94.58
55	32878	0.964	0.9255	1.292	-1.6198	3.685	5.3047	0.9568	95.68
56	27211	0.9056	0.9333	1.3322	-1.9295	3.4769	5.4064	0.954	95.4
57	39779	0.9014	0.8923	1.384	-1.9033	3.7073	5.6106	0.9503	95.03
58	32505	0.8546	0.8568	1.3069	-1.8133	3.5518	5.3652	0.9558	95.58
59	30206	0.8494	0.881	1.2787	-1.8505	3.3431	5.1936	0.9577	95.77
60	38603	0.8266	0.8863	1.3298	-1.9441	3.3988	5.343	0.9542	95.42
61	29215	0.794	0.8317	1.3269	-2.0006	3.2851	5.2858	0.9544	95.44
62	29444	0.7915	0.8368	1.2794	-1.9718	3.3319	5.3036	0.9577	95.77
63	38648	0.7789	0.8165	1.2662	-1.9302	3.1887	5.1189	0.9586	95.86
64	31630	0.7597	0.7902	1.2581	-1.9286	3.1759	5.1045	0.9591	95.91
65	38879	0.7452	0.7806	1.2824	-1.9866	3.2886	5.2751	0.9575	95.75

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	34094	0.739	0.8019	1.431	-2.3439	3.3987	5.7426	0.9468	94.68
67	34731	0.7321	0.7543	1.276	-1.95	3.2737	5.2237	0.9579	95.79
68	34729	0.7265	0.7152	1.3148	-2.052	3.4195	5.4715	0.9553	95.53
69	31549	0.7241	0.7788	1.2724	-2.1184	3.1819	5.3004	0.9582	95.82
70	34004	0.7081	0.7495	1.3157	-2.1435	3.3283	5.4718	0.9552	95.52
71	33988	0.7056	0.7362	1.2727	-2.0232	3.2958	5.319	0.9581	95.81
72	34728	0.6463	0.6787	1.2917	-2.0787	3.2265	5.3053	0.9569	95.69
73	39081	0.6036	0.6949	1.3114	-2.2625	3.0372	5.2997	0.9555	95.55
74	30788	0.4956	0.5802	1.3263	-2.385	2.944	5.3289	0.9545	95.45
75	29369	0.4836	0.4814	1.3682	-2.331	3.1729	5.5039	0.9515	95.15
76	38569	0.4712	0.4811	1.3357	-2.2309	3.1421	5.373	0.9538	95.38
77	29910	0.4412	0.4611	1.3376	-2.3815	3.0801	5.4617	0.9537	95.37
78	39571	0.4278	0.41	1.3715	-2.2839	3.2421	5.5261	0.9512	95.12
79	27883	0.424	0.4769	1.3367	-2.4138	2.9989	5.4127	0.9537	95.37
80	31111	0.4019	0.433	1.3171	-2.3527	2.9545	5.3073	0.9551	95.51
81	39440	0.3926	0.4044	1.3296	-2.3667	2.9308	5.2975	0.9542	95.42
82	39662	0.3038	0.3004	1.3254	-2.4117	2.9681	5.3798	0.9545	95.45
83	19341	0.0812	0.0878	1.3051	-2.695	2.6504	5.3453	0.9559	95.59
84	38547	0.0482	0.0636	1.2574	-2.5357	2.5513	5.0871	0.9592	95.92
85	34084	-0.0245	-0.0233	1.2291	-2.5752	2.5479	5.123	0.961	96.1
86	31430	-0.0309	-0.0186	1.2547	-2.6432	2.4993	5.1425	0.9593	95.93
87	31427	-0.0338	-0.0216	1.2504	-2.6037	2.5428	5.1465	0.9596	95.96
88	28494	-0.0357	-0.016	1.2687	-2.7379	2.5191	5.2571	0.9584	95.84
89	40635	-0.163	-0.1554	1.3434	-2.9771	2.5678	5.5449	0.9532	95.32
90	32499	-0.2332	-0.1961	1.2981	-3.0017	2.3652	5.3669	0.9564	95.64
91	34236	-0.4138	-0.4343	1.2948	-2.9901	2.2747	5.2648	0.9566	95.66
92	39377	-0.4573	-0.476	1.2923	-3.067	2.2466	5.3136	0.9568	95.68
93	28278	-0.5207	-0.5749	1.2852	-2.9934	2.1952	5.1886	0.9573	95.73
94	32504	-0.5343	-0.6325	1.3776	-3.0481	2.6433	5.6914	0.9508	95.08
95	31515	-0.5625	-0.6723	1.3288	-2.9665	2.4202	5.3867	0.9543	95.43
96	29636	-0.6633	-0.6956	1.283	-3.1337	1.9862	5.1198	0.9574	95.74
97	31980	-0.7012	-0.7426	1.2836	-3.2386	2.0659	5.3044	0.9574	95.74
98	32460	-0.7404	-0.8002	1.2639	-3.2285	1.994	5.2225	0.9587	95.87
99	31425	-0.7596	-0.7964	1.265	-3.2909	1.8742	5.1651	0.9587	95.87
100	20131	-0.7831	-0.8065	1.3233	-3.4416	2.0077	5.4493	0.9547	95.47

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	34005	-0.8003	-0.8364	1.2894	-3.4132	1.9626	5.3757	0.957	95.7
102	36043	-0.8003	-0.8312	1.2693	-3.3299	1.8462	5.176	0.9584	95.84
103	33945	-0.8291	-0.848	1.3113	-3.4156	1.9885	5.4042	0.9555	95.55
104	38896	-0.8364	-0.8825	1.2832	-3.3333	1.8863	5.2197	0.9574	95.74
105	30073	-1.0609	-1.0799	1.3528	-3.6872	1.7214	5.4086	0.9526	95.26
106	30043	-1.0748	-1.1288	1.3129	-3.6728	1.6248	5.2976	0.9554	95.54
107	39472	-1.1988	-1.2742	1.3294	-3.7215	1.61	5.3316	0.9542	95.42
108	28680	-1.2871	-1.352	1.4242	-4.0066	1.7622	5.7687	0.9473	94.73
109	29236	-1.4262	-1.5516	1.3982	-3.9808	1.5606	5.5414	0.9492	94.92
110	38553	-1.466	-1.5865	1.3855	-4.0637	1.4844	5.5481	0.9502	95.02
111	38835	-1.4668	-1.6054	1.4183	-4.0725	1.5821	5.6546	0.9477	94.77
112	39042	-1.475	-1.6005	1.4034	-4.0568	1.5635	5.6203	0.9489	94.89
113	29952	-1.48	-1.5884	1.3809	-4.063	1.5347	5.5977	0.9505	95.05
114	38939	-1.4924	-1.6113	1.3814	-4.0349	1.5395	5.5744	0.9505	95.05
115	33203	-1.5626	-1.6859	1.3984	-4.1034	1.4873	5.5907	0.9492	94.92
116	34218	-1.5741	-1.6825	1.366	-4.1598	1.38	5.5399	0.9516	95.16
117	38600	-1.6796	-1.7846	1.4075	-4.2878	1.2463	5.534	0.9486	94.86
118	39296	-1.6867	-1.808	1.4001	-4.2838	1.2739	5.5577	0.9491	94.91
119	30869	-1.8196	-1.9545	1.454	-4.4849	1.3002	5.7851	0.945	94.5
120	23729	-1.9149	-1.9592	1.7255	-5.1586	1.5131	6.6717	0.9216	92.16
121	29257	-2.1105	-2.2958	1.4781	-4.7143	1.0772	5.7915	0.9431	94.31
122	31431	-2.2318	-2.4715	1.5164	-4.8467	1.0579	5.9046	0.94	94
123	30790	-2.2324	-2.4668	1.5346	-4.8331	1.2085	6.0415	0.9385	93.85
124	30891	-2.2586	-2.4798	1.4834	-4.8331	1.0264	5.8595	0.9427	94.27
125	32072	-2.2652	-2.4978	1.4701	-4.7175	0.8847	5.6021	0.9437	94.37
126	30647	-2.4232	-2.6116	1.608	-5.1785	1.0685	6.2471	0.9323	93.23
127	35257	-2.6223	-2.8263	1.607	-5.3976	0.8369	6.2345	0.9324	93.24
128	35375	-2.6556	-2.8645	1.6246	-5.4649	0.8143	6.2792	0.9308	93.08
129	19044	-2.7563	-3.0248	1.649	-5.4245	0.775	6.1995	0.9287	92.87
130	31535	-2.8033	-3.0287	1.6827	-5.6567	0.8756	6.5323	0.9256	92.56
131	32997	-3.7152	-4.1508	1.8371	-6.4438	0.501	6.9448	0.9106	91.06
132	33168	-3.802	-4.2334	1.8619	-6.5391	0.4462	6.9853	0.9081	90.81
133	31541	-3.9851	-4.3492	1.9233	-6.9542	0.2783	7.2324	0.9016	90.16
134	40632	-4.0133	-4.4432	1.909	-6.7877	0.3592	7.147	0.9031	90.31
135	33191	-4.346	-4.8456	2.0468	-7.346	0.3205	7.6666	0.8877	88.77

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	32604	-4.4673	-5.0283	2.0927	-7.325	0.4436	7.7686	0.8823	88.23
137	39376	-5.2518	-5.9124	2.3081	-8.3625	0.2168	8.5792	0.8546	85.46
138	33809	-5.6925	-6.3528	2.4011	-9.0115	0.0627	9.0742	0.8416	84.16
139	39482	-6.0305	-6.8381	2.5457	-9.2476	0.0912	9.3388	0.8198	81.98
140	33331	-6.0433	-6.8633	2.547	-9.2617	0.1385	9.4002	0.8196	81.96
141	33333	-6.0857	-6.8708	2.5228	-9.3758	0.0442	9.42	0.8234	82.34
142	32328	-6.7761	-7.7046	2.7513	-10.0912	0.001	10.0922	0.7855	78.55
143	39465	-8.5789	-9.7521	3.3961	-12.6027	-0.2417	12.3609	0.6453	64.53
144	31914	-10.4952	-12.0084	3.9804	-14.7083	-0.3613	14.347	0.4452	44.52

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	28324	3.6779	3.7886	1.991	0.0426	7.0025	6.96	0.605	60.5
2	31432	2.709	2.7589	1.8109	-0.4274	5.8201	6.2475	0.6896	68.96
3	27883	2.5149	2.4838	1.6928	-0.3987	5.5627	5.9614	0.736	73.6
4	31724	2.2882	2.4009	1.3757	-0.2752	4.7496	5.0248	0.8351	83.51
5	33889	2.2223	2.3226	1.3687	-0.3728	4.7536	5.1264	0.8369	83.69
6	34283	2.0286	2.128	1.4056	-0.5901	4.529	5.1191	0.8271	82.71
7	31629	2.0249	2.0407	1.5423	-0.6821	4.8047	5.4869	0.7872	78.72
8	38603	1.9917	1.9993	1.5155	-0.7027	4.6849	5.3876	0.7954	79.54
9	31630	1.8115	1.8389	1.4289	-0.7896	4.3571	5.1467	0.8207	82.07
10	30485	1.808	1.8379	1.4194	-0.7053	4.4122	5.1174	0.8233	82.33
11	31723	1.8006	1.8419	1.2342	-0.5141	4.2253	4.7394	0.8697	86.97
12	36043	1.7513	1.7618	1.4174	-0.7868	4.3293	5.1161	0.8239	82.39
13	38914	1.7273	1.7419	1.4126	-0.8302	4.3016	5.1319	0.8252	82.52
14	38941	1.7175	1.7429	1.3539	-0.7235	4.2104	4.9338	0.8408	84.08
15	27378	1.6306	1.6036	1.3616	-0.8114	4.1818	4.9932	0.8388	83.88
16	32206	1.627	1.6546	1.389	-0.892	4.1717	5.0636	0.8315	83.15
17	39296	1.5693	1.5719	1.3602	-0.8934	4.0745	4.9679	0.8391	83.91
18	33814	1.566	1.5744	1.3365	-0.8749	3.9961	4.8709	0.8452	84.52
19	39662	1.5529	1.5386	1.3279	-0.8128	4.0095	4.8223	0.8474	84.74
20	39022	1.525	1.5327	1.2892	-0.8696	3.8802	4.7497	0.8569	85.69
21	29369	1.503	1.4839	1.3128	-0.8531	3.9227	4.7757	0.8511	85.11
22	38569	1.4792	1.5026	1.3056	-0.9075	3.9293	4.8368	0.8529	85.29
23	35186	1.4715	1.4454	1.3321	-0.9725	3.913	4.8854	0.8463	84.63
24	28378	1.4651	1.4725	1.3041	-0.9184	3.8504	4.7688	0.8533	85.33
25	31717	1.2789	1.2774	1.1381	-0.8822	3.5953	4.4776	0.8904	89.04
26	34732	1.2242	1.1993	1.2105	-1.0922	3.5554	4.6476	0.875	87.5
27	35257	1.201	1.2012	1.2113	-1.1111	3.4646	4.5758	0.8749	87.49
28	30982	1.1858	1.1704	1.2069	-1.0044	3.4659	4.4703	0.8758	87.58
29	34146	1.1562	1.1422	1.1948	-1.0693	3.4221	4.4914	0.8785	87.85
30	32608	1.1467	1.1622	1.2056	-1.0687	3.4123	4.481	0.8761	87.61

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	32334	1.1351	1.1235	1.2159	-1.1269	3.5145	4.6413	0.8738	87.38
32	33988	1.1016	1.0706	1.187	-1.0792	3.3728	4.452	0.8802	88.02
33	31004	1.0851	1.0879	1.2489	-1.325	3.4331	4.7581	0.8664	86.64
34	34004	1.0707	1.0442	1.1821	-1.1647	3.3914	4.5561	0.8812	88.12
35	19145	1.055	1.0336	1.1757	-1.1359	3.3866	4.5225	0.8826	88.26
36	28278	1.0443	1.0355	1.124	-1.0786	3.2643	4.3429	0.8933	89.33
37	39482	1.0358	1.0272	1.1687	-1.1492	3.308	4.4572	0.8841	88.41
38	29215	0.9781	0.9508	1.1435	-1.1643	3.2612	4.4255	0.8893	88.93
39	31111	0.7957	0.781	1.1067	-1.3736	2.9862	4.3598	0.8967	89.67
40	39571	0.7767	0.7407	1.0896	-1.3771	2.9393	4.3163	0.9001	90.01
41	38669	0.7626	0.7443	1.1168	-1.4033	2.953	4.3563	0.8947	89.47
42	31425	0.7576	0.7532	1.0867	-1.4077	2.8527	4.2604	0.9006	90.06
43	39779	0.7206	0.7162	1.1069	-1.506	2.909	4.415	0.8967	89.67
44	31316	0.7175	0.7001	1.0953	-1.4457	2.8518	4.2975	0.899	89.9
45	31535	0.709	0.6583	1.1236	-1.3932	2.9921	4.3854	0.8934	89.34
46	30634	0.6902	0.6664	1.1029	-1.467	2.8883	4.3553	0.8975	89.75
47	31440	0.6774	0.6646	1.0836	-1.4626	2.8252	4.2878	0.9012	90.12
48	32398	0.6717	0.6836	1.132	-1.5956	2.8547	4.4503	0.8917	89.17
49	32410	0.6003	0.5746	1.0592	-1.4436	2.6896	4.1332	0.9059	90.59
50	34089	0.5726	0.5647	1.0693	-1.5161	2.6684	4.1845	0.904	90.4
51	31980	0.5705	0.5328	1.0745	-1.4675	2.7313	4.1988	0.903	90.3
52	34218	0.5702	0.5353	1.082	-1.5391	2.764	4.3031	0.9015	90.15
53	32050	0.5609	0.561	1.0908	-1.5858	2.6437	4.2295	0.8998	89.98
54	30647	0.5384	0.5271	1.0824	-1.5852	2.7397	4.3248	0.9015	90.15
55	35047	0.5038	0.4948	1.0465	-1.5771	2.5506	4.1276	0.9082	90.82
56	32859	0.4759	0.4731	1.0956	-1.7298	2.5739	4.3036	0.8989	89.89
57	32505	0.4278	0.4202	1.0929	-1.7504	2.6172	4.3677	0.8994	89.94
58	30869	0.2702	0.2576	1.025	-1.7734	2.3297	4.1031	0.9121	91.21
59	38835	0.2458	0.2681	1.0624	-1.8954	2.3642	4.2596	0.9053	90.53
60	32460	0.2427	0.2403	1.03	-1.8474	2.273	4.1203	0.9112	91.12
61	39440	0.2018	0.1863	1.0304	-1.874	2.3256	4.1996	0.9112	91.12
62	32658	0.1909	0.2064	1.0027	-1.863	2.1721	4.0352	0.9161	91.61
63	38879	0.1873	0.1785	1.0285	-1.8548	2.2782	4.1329	0.9115	91.15
64	34084	0.1728	0.1526	1.0254	-1.9233	2.2456	4.1688	0.9121	91.21
65	31742	0.1649	0.1481	1.0237	-1.8831	2.2239	4.1069	0.9124	91.24

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	28680	0.1508	0.1251	1.0404	-1.9084	2.2532	4.1616	0.9093	90.93
67	32542	0.1255	0.1184	1.0197	-1.9155	2.1707	4.0862	0.9131	91.31
68	23729	0.1228	0.1164	1.1026	-2.0569	2.3254	4.3823	0.8975	89.75
69	32328	0.1226	0.1086	1.0434	-1.9497	2.2466	4.1963	0.9088	90.88
70	27211	0.108	0.0987	1.048	-1.9253	2.2553	4.1806	0.9079	90.79
71	32878	0.0495	0.0483	1.0623	-2.0619	2.141	4.2029	0.9053	90.53
72	20548	0.032	0.039	1.0153	-1.9904	2.0733	4.0637	0.9139	91.39
73	27937	0.0075	-0.0033	1.0214	-2.024	2.1092	4.1332	0.9128	91.28
74	32928	0.0055	-0.0159	1.0439	-2.0271	2.1892	4.2162	0.9087	90.87
75	35279	-0.0057	0.0028	1.0212	-2.0528	2.0383	4.091	0.9128	91.28
76	39081	-0.0375	-0.0355	1.0439	-2.1574	2.0576	4.215	0.9087	90.87
77	29636	-0.109	-0.0967	1.0245	-2.1267	1.9835	4.1102	0.9122	91.22
78	31854	-0.1242	-0.1227	1.0091	-2.1506	1.9426	4.0932	0.915	91.5
79	34114	-0.2168	-0.2154	1.0091	-2.1977	1.8536	4.0513	0.915	91.5
80	30206	-0.243	-0.2107	0.9985	-2.2628	1.7276	3.9904	0.9168	91.68
81	38600	-0.2455	-0.2645	1.0082	-2.2286	1.7265	3.9552	0.9151	91.51
82	30891	-0.3183	-0.3021	1.0411	-2.4221	1.717	4.1391	0.9092	90.92
83	31427	-0.3241	-0.3114	1.0372	-2.3746	1.7623	4.1369	0.9099	90.99
84	32072	-0.3503	-0.3479	1.0289	-2.3768	1.7598	4.1366	0.9114	91.14
85	36112	-0.3912	-0.3716	1.0708	-2.5539	1.7356	4.2895	0.9037	90.37
86	34303	-0.3982	-0.392	1.0507	-2.5179	1.6815	4.1994	0.9074	90.74
87	39465	-0.4057	-0.3924	1.0338	-2.4722	1.6237	4.0958	0.9105	91.05
88	29151	-0.4131	-0.3514	1.0095	-2.5015	1.504	4.0056	0.9149	91.49
89	31549	-0.4307	-0.3987	1.0328	-2.5352	1.6096	4.1448	0.9107	91.07
90	30603	-0.4327	-0.4264	1.0589	-2.5746	1.6505	4.2251	0.9059	90.59
91	27509	-0.435	-0.4122	1.0644	-2.5984	1.6848	4.2832	0.9049	90.49
92	28494	-0.4479	-0.4445	1.0531	-2.532	1.6065	4.1385	0.907	90.7
93	33812	-0.4699	-0.45	1.0339	-2.5102	1.5585	4.0687	0.9105	91.05
94	35375	-0.4796	-0.4633	1.0569	-2.561	1.6074	4.1684	0.9063	90.63
95	39377	-0.4803	-0.4486	1.0532	-2.5835	1.5476	4.1311	0.907	90.7
96	38896	-0.4809	-0.4679	1.0832	-2.6521	1.6077	4.2598	0.9013	90.13
97	32604	-0.4811	-0.4816	1.1477	-2.6874	1.7693	4.4567	0.8885	88.85
98	33168	-0.4888	-0.4769	1.0623	-2.6185	1.5525	4.171	0.9053	90.53
99	34728	-0.4911	-0.4872	1.0697	-2.5873	1.6133	4.2006	0.9039	90.39
100	34731	-0.4969	-0.4934	1.0631	-2.6055	1.6323	4.2378	0.9051	90.51

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	33809	-0.5152	-0.4765	1.0641	-2.6378	1.6301	4.2679	0.9049	90.49
102	19341	-0.5433	-0.5244	1.0766	-2.6761	1.54	4.2161	0.9026	90.26
103	34094	-0.5463	-0.4852	1.0325	-2.7205	1.3616	4.0821	0.9108	91.08
104	31541	-0.5715	-0.5519	1.0693	-2.6495	1.5464	4.1959	0.904	90.4
105	34729	-0.5768	-0.5692	1.0856	-2.7598	1.5709	4.3307	0.9009	90.09
106	38553	-0.6443	-0.6455	1.0982	-2.811	1.5344	4.3455	0.8984	89.84
107	27301	-0.6456	-0.617	0.9943	-2.654	1.2712	3.9252	0.9176	91.76
108	38648	-0.7057	-0.7051	1.074	-2.8804	1.3987	4.2791	0.9031	90.31
109	29910	-0.7103	-0.6833	1.0904	-2.907	1.3687	4.2757	0.8999	89.99
110	29952	-0.7133	-0.6839	1.0607	-2.7978	1.3127	4.1106	0.9056	90.56
111	33047	-0.7156	-0.704	1.0819	-2.8552	1.4055	4.2608	0.9016	90.16
112	40635	-0.7355	-0.69	1.0798	-2.8625	1.3471	4.2097	0.902	90.2
113	30073	-0.7584	-0.733	1.0949	-2.8742	1.3734	4.2476	0.8991	89.91
114	27239	-0.7855	-0.7421	1.0909	-2.8944	1.2481	4.1425	0.8998	89.98
115	39042	-0.8126	-0.8003	1.0908	-2.9655	1.2737	4.2392	0.8998	89.98
116	31430	-0.8216	-0.812	1.1012	-2.9365	1.376	4.3125	0.8978	89.78
117	29257	-0.8278	-0.7939	1.0348	-2.9254	1.1101	4.0355	0.9104	91.04
118	30790	-0.8558	-0.8459	1.1219	-3.0857	1.2297	4.3154	0.8937	89.37
119	34005	-0.8647	-0.8406	1.1297	-3.108	1.2695	4.3775	0.8921	89.21
120	38939	-0.8713	-0.8455	1.1299	-3.0957	1.3226	4.4182	0.8921	89.21
121	39376	-0.9112	-0.9245	1.1295	-3.1337	1.2675	4.4012	0.8922	89.22
122	33191	-0.9503	-0.9288	1.1591	-3.1936	1.2526	4.4462	0.8861	88.61
123	34236	-0.9629	-0.9585	1.1463	-3.1688	1.1965	4.3654	0.8887	88.87
124	32997	-1.2653	-1.2692	1.2405	-3.5816	1.0662	4.6478	0.8683	86.83
125	39472	-1.2839	-1.2714	1.217	-3.5705	1.006	4.5765	0.8736	87.36
126	31431	-1.3104	-1.3346	1.2711	-3.6341	1.0613	4.6954	0.8612	86.12
127	30788	-1.3581	-1.3605	1.1374	-3.6606	0.8069	4.4675	0.8906	89.06
128	20131	-1.3812	-1.3673	1.2494	-3.7087	0.8835	4.5922	0.8662	86.62
129	33945	-1.4968	-1.4805	1.3103	-3.9413	0.8899	4.8313	0.8517	85.17
130	27836	-1.506	-1.5106	1.3277	-3.9986	0.9079	4.9066	0.8474	84.74
131	33331	-1.5119	-1.5143	1.3334	-3.9497	0.9411	4.8908	0.846	84.6
132	17965	-1.6486	-1.5809	1.412	-4.3582	0.8319	5.1901	0.8253	82.53
133	29236	-2.1473	-2.191	1.5557	-4.9084	0.5598	5.4682	0.7829	78.29
134	30043	-2.1536	-2.1889	1.5847	-4.9725	0.6388	5.6114	0.7736	77.36
135	32499	-2.1579	-2.2392	1.5039	-4.7676	0.5888	5.3564	0.7989	79.89

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	38547	-2.1912	-2.2165	1.5942	-5.0251	0.6173	5.6424	0.7704	77.04
137	31515	-2.5152	-2.6176	1.7054	-5.4415	0.5959	6.0374	0.7314	73.14
138	33203	-2.535	-2.5933	1.7245	-5.5595	0.4171	5.9766	0.7242	72.42
139	33333	-2.5634	-2.6176	1.7408	-5.5727	0.4332	6.0059	0.7179	71.79
140	32504	-2.6491	-2.7227	1.7247	-5.6152	0.4134	6.0286	0.7241	72.41
141	31914	-2.8867	-2.9484	1.8894	-6.123	0.3197	6.4427	0.6551	65.51
142	19044	-3.0326	-3.0776	1.9293	-6.3694	0.2957	6.6651	0.6362	63.62
143	29444	-3.1671	-3.2224	2.0658	-6.6331	0.3305	6.9635	0.5635	56.35
144	40632	-3.7386	-3.9047	2.2225	-7.3634	0.1776	7.541	0.4583	45.83

MDH

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31724	4.8332	4.5771	3.5416	-0.3168	11.1307	11.4475	0	0
2	34146	4.3576	3.905	3.5084	-0.5079	10.8178	11.3257	0	0
3	33889	3.8113	3.6882	2.8444	-0.5107	9.1302	9.641	0.4425	44.25
4	32398	3.4947	2.9387	3.0583	-0.8507	9.5334	10.3842	0.2653	26.53
5	31717	3.439	3.2381	2.6215	-0.5774	8.2981	8.8755	0.563	56.3
6	34114	2.7813	2.4345	2.4596	-0.7781	7.6072	8.3853	0.6314	63.14
7	28324	2.3671	2.2734	1.7724	-0.45	6.0455	6.4955	0.8293	82.93
8	31432	2.277	1.8643	2.2012	-0.9712	6.8269	7.7981	0.72	72
9	29257	2.0246	1.6682	2.1303	-1.1576	6.3178	7.4754	0.7409	74.09
10	33168	1.8122	1.5343	1.9909	-1.4155	5.8831	7.2986	0.7785	77.85
11	31004	1.6166	1.3353	1.9498	-1.6858	5.7162	7.402	0.7888	78.88
12	31440	1.5778	1.2546	1.9205	-1.5306	5.6518	7.1824	0.7959	79.59
13	33809	1.5067	1.2057	1.8584	-1.4897	5.4792	6.9689	0.8104	81.04
14	31854	1.4536	1.0644	2.0232	-1.7062	6.0839	7.7901	0.7702	77.02
15	31742	1.4389	1.096	1.8674	-1.6792	5.3849	7.0641	0.8083	80.83
16	27937	1.436	1.1502	1.8209	-1.609	5.2998	6.9089	0.8188	81.88
17	34283	1.4135	1.1806	1.8349	-1.7462	5.2778	7.0239	0.8157	81.57
18	31723	1.3961	1.2439	1.5967	-1.3645	4.7938	6.1582	0.8641	86.41
19	17965	1.3677	1.0499	1.9157	-1.7936	5.6112	7.4048	0.797	79.7
20	32608	1.3356	1.057	1.7674	-1.5626	5.0837	6.6463	0.8304	83.04
21	39022	1.3311	1.0431	1.7533	-1.5024	5.1589	6.6613	0.8334	83.34
22	31629	1.305	1.0142	1.7547	-1.5922	5.1914	6.7836	0.833	83.3
23	35279	1.2174	0.971	1.6771	-1.6541	4.9128	6.5669	0.8488	84.88
24	34236	1.1688	0.9329	1.6433	-1.7079	4.6243	6.3322	0.8553	85.53
25	34004	1.1523	0.924	1.6541	-1.7839	4.6182	6.4021	0.8533	85.33
26	23729	1.1442	0.7684	2.0915	-2.3917	5.9278	8.3195	0.7518	75.18
27	32410	1.0128	0.8085	1.569	-1.7656	4.3854	6.151	0.8691	86.91
28	32050	0.9535	0.7153	1.675	-2.0829	4.498	6.5809	0.8492	84.92
29	32878	0.9117	0.7614	1.5875	-2	4.2627	6.2627	0.8657	86.57
30	33812	0.8996	0.6656	1.5965	-1.9515	4.3483	6.2998	0.8641	86.41

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	38914	0.8849	0.5998	1.8148	-2.2869	4.9396	7.2265	0.8202	82.02
32	39662	0.8427	0.6704	1.582	-2.0555	4.249	6.3045	0.8668	86.68
33	27509	0.8332	0.6441	1.6034	-2.0683	4.2701	6.3385	0.8628	86.28
34	30982	0.798	0.6117	1.5316	-1.9984	4.1145	6.1129	0.8757	87.57
35	38547	0.7946	0.5963	1.5597	-2.0828	4.1927	6.2755	0.8708	87.08
36	33988	0.7669	0.5694	1.5181	-2.0201	4.0356	6.0557	0.878	87.8
37	28378	0.7605	0.5546	1.5659	-2.1391	4.1227	6.2619	0.8696	86.96
38	30790	0.7515	0.5436	1.6394	-2.2576	4.4708	6.7284	0.8561	85.61
39	31316	0.7367	0.6046	1.4645	-1.9599	3.8556	5.8155	0.887	88.7
40	32505	0.7278	0.5872	1.5924	-2.2696	4.1781	6.4477	0.8648	86.48
41	29151	0.7272	0.5335	1.6139	-2.2719	4.2112	6.4831	0.8609	86.09
42	33047	0.7263	0.5606	1.5934	-2.2046	4.1434	6.348	0.8647	86.47
43	39779	0.6845	0.4913	1.6619	-2.4234	4.322	6.7454	0.8518	85.18
44	31111	0.6688	0.5282	1.5017	-2.129	3.8518	5.9808	0.8808	88.08
45	31430	0.6612	0.5144	1.4807	-2.2198	3.8735	6.0932	0.8844	88.44
46	31535	0.6489	0.4328	1.8603	-2.7981	4.9167	7.7147	0.8099	80.99
47	35047	0.6185	0.484	1.4487	-2.0902	3.7202	5.8103	0.8896	88.96
48	33333	0.5703	0.4334	1.489	-2.1952	3.8295	6.0246	0.883	88.3
49	38669	0.554	0.4309	1.4575	-2.1965	3.6776	5.8741	0.8882	88.82
50	27211	0.5499	0.4094	1.5352	-2.3921	3.9746	6.3667	0.8751	87.51
51	19341	0.5227	0.3633	1.5448	-2.4361	3.8583	6.2945	0.8734	87.34
52	31630	0.5119	0.3894	1.5286	-2.414	3.8428	6.2569	0.8762	87.62
53	27378	0.4619	0.3223	1.4865	-2.5086	3.6694	6.178	0.8834	88.34
54	38569	0.4468	0.3396	1.425	-2.3775	3.5521	5.9296	0.8934	89.34
55	33814	0.4464	0.3284	1.4575	-2.3994	3.4671	5.8666	0.8882	88.82
56	32928	0.4267	0.3212	1.469	-2.4625	3.5146	5.9771	0.8863	88.63
57	30206	0.412	0.3086	1.4447	-2.3242	3.418	5.7422	0.8903	89.03
58	32206	0.4022	0.2526	1.7217	-2.9058	4.1551	7.0609	0.8399	83.99
59	27836	0.3675	0.2421	1.7173	-2.9649	4.156	7.1209	0.8408	84.08
60	32859	0.3574	0.2876	1.4682	-2.6249	3.3867	6.0116	0.8864	88.64
61	20548	0.3547	0.233	1.731	-3.0682	4.0693	7.1375	0.838	83.8
62	34731	0.3511	0.274	1.4095	-2.4455	3.3516	5.7971	0.8958	89.58
63	27883	0.3233	0.2142	1.4609	-2.5257	3.4265	5.9523	0.8876	88.76
64	39377	0.323	0.2568	1.4486	-2.541	3.2851	5.8262	0.8896	88.96
65	19145	0.318	0.2436	1.4227	-2.4959	3.3405	5.8364	0.8938	89.38

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	31425	0.3002	0.2131	1.399	-2.4044	3.187	5.5914	0.8975	89.75
67	30485	0.241	0.1962	1.4303	-2.6023	3.2373	5.8396	0.8926	89.26
68	35257	0.1965	0.1344	1.4422	-2.7088	3.2994	6.0081	0.8907	89.07
69	33331	0.1632	0.1262	1.4208	-2.674	3.1077	5.7817	0.8941	89.41
70	34732	0.0769	0.0877	1.479	-3.0407	3.0042	6.0449	0.8846	88.46
71	30647	0.0139	0.0164	2.1789	-4.618	4.7919	9.4099	0.7267	72.67
72	31980	0.004	0.0086	1.4376	-2.9728	3.1414	6.1142	0.8914	89.14
73	32658	-0.0011	-0.0132	2.2124	-4.7531	4.6084	9.3615	0.7166	71.66
74	29636	-0.0145	0.0048	1.4192	-2.9929	2.8833	5.8762	0.8943	89.43
75	28680	-0.0146	-0.0176	1.46	-2.9804	2.9599	5.9403	0.8878	88.78
76	38553	-0.0331	-0.0318	1.4604	-2.9965	2.9516	5.9481	0.8877	88.77
77	27239	-0.0477	-0.0101	1.4581	-3.1497	2.833	5.9827	0.8881	88.81
78	32542	-0.0658	-0.0333	1.4785	-3.1875	2.9809	6.1684	0.8847	88.47
79	38941	-0.0692	-0.0484	1.3605	-2.8613	2.7318	5.5931	0.9033	90.33
80	39482	-0.121	-0.1064	1.4067	-2.9828	2.7823	5.7651	0.8963	89.63
81	34084	-0.1413	-0.1255	1.3927	-3.0286	2.7196	5.7482	0.8985	89.85
82	36112	-0.1506	-0.097	1.7005	-3.6842	3.3326	7.0168	0.8442	84.42
83	34089	-0.204	-0.1508	1.4003	-3.1643	2.5178	5.6821	0.8973	89.73
84	27301	-0.211	-0.1419	1.4026	-3.1281	2.4996	5.6277	0.8969	89.69
85	30869	-0.3415	-0.2519	1.5252	-3.5806	2.696	6.2767	0.8768	87.68
86	35186	-0.3501	-0.2717	1.4823	-3.4802	2.6121	6.0924	0.8841	88.41
87	36043	-0.3556	-0.2472	1.7188	-4.0838	2.9156	6.9994	0.8405	84.05
88	30603	-0.3736	-0.2719	1.5179	-3.59	2.5594	6.1494	0.8781	87.81
89	29369	-0.387	-0.269	1.4493	-3.5474	2.3579	5.9053	0.8895	88.95
90	34005	-0.4005	-0.2911	1.4862	-3.5763	2.5242	6.1005	0.8834	88.34
91	29236	-0.4057	-0.2882	1.4904	-3.5265	2.5693	6.0959	0.8827	88.27
92	38603	-0.4171	-0.2933	1.5117	-3.6138	2.4771	6.091	0.8791	87.91
93	34728	-0.4279	-0.3351	1.4321	-3.4164	2.4741	5.8905	0.8923	89.23
94	39296	-0.4351	-0.3382	1.5644	-3.7513	2.6349	6.3863	0.8699	86.99
95	32334	-0.4396	-0.319	1.4944	-3.6509	2.4646	6.1154	0.8821	88.21
96	30891	-0.5038	-0.3817	1.5215	-3.7111	2.4181	6.1292	0.8774	87.74
97	38648	-0.5918	-0.4518	1.4895	-3.8192	2.1542	5.9734	0.8829	88.29
98	35375	-0.6516	-0.4812	1.5438	-3.9089	2.2714	6.1803	0.8736	87.36
99	29444	-0.6578	-0.521	1.4622	-3.8275	2.07	5.8975	0.8874	88.74
100	33191	-0.674	-0.4424	1.8836	-4.8829	2.7852	7.6681	0.8046	80.46

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	39571	-0.7782	-0.629	1.5708	-4.0789	2.2464	6.3253	0.8688	86.88
102	39440	-0.7831	-0.588	1.5477	-4.057	2.0763	6.1333	0.8729	87.29
103	30788	-0.7948	-0.6056	1.6874	-4.394	2.4382	6.8322	0.8468	84.68
104	30073	-0.8006	-0.6246	1.5507	-4.0891	2.0694	6.1584	0.8724	87.24
105	34729	-0.8452	-0.7022	1.5624	-4.0716	2.0555	6.1272	0.8703	87.03
106	34303	-0.856	-0.6313	1.5892	-4.2607	1.9733	6.234	0.8654	86.54
107	32499	-0.86	-0.5651	1.9089	-5.1154	2.5049	7.6203	0.7986	79.86
108	31515	-0.8785	-0.7019	1.6327	-4.3112	2.0997	6.411	0.8574	85.74
109	20131	-0.9131	-0.6448	1.7037	-4.6869	2.0562	6.743	0.8435	84.35
110	38600	-0.9297	-0.7252	1.6068	-4.508	1.9103	6.4183	0.8622	86.22
111	39081	-0.9429	-0.7548	1.6877	-4.6245	2.1524	6.7769	0.8467	84.67
112	38896	-0.9674	-0.7917	1.5819	-4.3066	1.8733	6.1799	0.8668	86.68
113	32072	-0.9859	-0.7419	1.6475	-4.5564	1.9596	6.516	0.8545	85.45
114	31427	-1.0054	-0.7957	1.5938	-4.4265	1.8097	6.2362	0.8646	86.46
115	34218	-1.05	-0.786	1.6669	-4.6015	1.875	6.4765	0.8508	85.08
116	31549	-1.1079	-0.8489	1.6715	-4.6998	1.8032	6.503	0.8499	84.99
117	34094	-1.1281	-0.9361	1.5437	-4.4049	1.5221	5.9271	0.8736	87.36
118	33203	-1.1652	-0.7467	2.1058	-6.005	2.3164	8.3214	0.7478	74.78
119	32460	-1.1659	-0.9219	1.6751	-4.6086	1.7286	6.3372	0.8492	84.92
120	40635	-1.1948	-0.8842	1.7567	-4.9667	1.7554	6.7221	0.8326	83.26
121	30634	-1.2446	-0.9833	1.67	-4.808	1.5903	6.3984	0.8502	85.02
122	30043	-1.2507	-1.0301	1.7079	-4.923	1.744	6.667	0.8427	84.27
123	38879	-1.2884	-0.911	1.9441	-5.8186	1.8449	7.6634	0.7901	79.01
124	29215	-1.3396	-1.0688	1.7759	-5.1538	1.6298	6.7836	0.8286	82.86
125	28494	-1.4574	-1.2362	1.6944	-5.0588	1.3383	6.3971	0.8454	84.54
126	39472	-1.4787	-1.1003	1.9234	-5.6046	1.6791	7.2837	0.7952	79.52
127	29952	-1.5091	-1.2736	1.7625	-5.1122	1.4652	6.5774	0.8314	83.14
128	39465	-1.5708	-1.2509	1.8231	-5.4234	1.3969	6.8203	0.8183	81.83
129	38939	-1.6013	-1.3148	1.8223	-5.4478	1.3891	6.8369	0.8185	81.85
130	32604	-1.6325	-1.3843	1.9577	-5.617	1.6543	7.2712	0.7868	78.68
131	32504	-1.6527	-1.3545	1.9875	-5.7002	1.6815	7.3817	0.7793	77.93
132	28278	-1.6851	-1.386	1.8866	-5.5755	1.307	6.8824	0.8039	80.39
133	31914	-1.8021	-1.4372	2.0218	-6.0561	1.2474	7.3035	0.7705	77.05
134	31431	-1.8264	-1.53	1.9644	-5.9793	1.2428	7.2221	0.7852	78.52
135	32328	-1.8295	-1.4774	2.0368	-6.1886	1.2205	7.4091	0.7666	76.66

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	19044	-1.8954	-1.5239	2.0939	-6.4819	1.3686	7.8506	0.7511	75.11
137	32997	-1.9898	-1.654	2.0848	-6.3113	1.1964	7.5076	0.7537	75.37
138	29910	-1.9939	-1.6823	2.0894	-6.2833	1.227	7.5102	0.7524	75.24
139	39042	-2.0253	-1.7154	2.0837	-6.2971	1.19	7.4871	0.754	75.4
140	31541	-2.0973	-1.775	2.1066	-6.4936	1.1521	7.6457	0.7476	74.76
141	38835	-2.3862	-2.0593	2.2234	-6.7981	0.9911	7.7892	0.7132	71.32
142	33945	-2.4143	-2.0473	2.288	-7.0265	0.9694	7.9959	0.6926	69.26
143	39376	-3.6521	-3.114	3.1008	-9.5199	0.6102	10.13	0.2106	21.06
144	40632	-3.949	-3.5396	3.2264	-10.0653	0.6934	10.7587	0	0

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	40632	3.316	3.5771	1.7092	-0.1111	5.9553	6.0663	0.7047	70.47
2	31717	3.2048	3.4119	1.7181	-0.1119	5.9769	6.0888	0.7009	70.09
3	23729	2.8851	3.0121	1.7572	-0.3221	5.9577	6.2799	0.684	68.4
4	33333	2.4449	2.5686	1.5385	-0.4199	5.0361	5.456	0.7695	76.95
5	33809	2.3541	2.4255	1.5395	-0.4804	5.0142	5.4946	0.7691	76.91
6	29151	2.2329	2.3023	1.4646	-0.4226	4.7358	5.1584	0.7939	79.39
7	34094	2.1593	2.2569	1.2799	-0.2932	4.4572	4.7505	0.8472	84.72
8	39022	2.1493	2.2788	1.3846	-0.3812	4.4938	4.875	0.8183	81.83
9	33889	2.1223	2.238	1.2918	-0.4173	4.3562	4.7735	0.8441	84.41
10	29444	2.104	2.2165	1.3992	-0.5177	4.4853	5.003	0.814	81.4
11	33945	1.8793	1.9845	1.3417	-0.6396	4.2054	4.8451	0.8305	83.05
12	32072	1.8714	1.9726	1.2986	-0.5587	4.1439	4.7026	0.8423	84.23
13	33812	1.8656	1.9331	1.3349	-0.6116	4.2193	4.8309	0.8324	83.24
14	33331	1.8476	1.9301	1.331	-0.6539	4.1943	4.8482	0.8335	83.35
15	34303	1.8129	1.8917	1.3274	-0.6846	4.1888	4.8733	0.8345	83.45
16	29952	1.7972	1.9013	1.307	-0.6635	4.1109	4.7744	0.84	84
17	29910	1.7933	1.8765	1.2992	-0.6432	4.0817	4.7249	0.8421	84.21
18	31724	1.5351	1.5831	1.109	-0.667	3.6276	4.2946	0.8877	88.77
19	38941	1.3332	1.3766	1.1031	-0.7665	3.3874	4.1539	0.889	88.9
20	34004	1.3049	1.3379	1.1469	-0.9334	3.4235	4.3569	0.8794	87.94
21	28324	1.2952	1.2792	0.9487	-0.5212	3.1542	3.6754	0.9192	91.92
22	33168	1.2917	1.3591	1.134	-0.8228	3.3756	4.1985	0.8823	88.23
23	38896	1.2865	1.3361	1.1567	-0.9705	3.4134	4.3839	0.8772	87.72
24	34089	1.2745	1.3137	1.1328	-0.9437	3.3094	4.2531	0.8825	88.25
25	31430	1.2736	1.3095	1.1148	-0.852	3.3341	4.1861	0.8865	88.65
26	31742	1.2649	1.2881	1.137	-0.9086	3.3806	4.2892	0.8816	88.16
27	27509	1.2628	1.2921	1.1346	-0.8785	3.3985	4.2771	0.8821	88.21
28	29215	1.2535	1.2961	1.1189	-0.8818	3.3554	4.2372	0.8856	88.56
29	39042	1.2522	1.2995	1.1402	-0.9335	3.3211	4.2547	0.8809	88.09
30	30869	1.2434	1.2766	1.1334	-0.9271	3.3711	4.2983	0.8824	88.24

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	39465	1.2367	1.2445	1.1317	-0.871	3.331	4.202	0.8828	88.28
32	30073	1.2189	1.2449	1.1298	-0.9762	3.3385	4.3147	0.8832	88.32
33	32608	1.2112	1.2244	1.1596	-0.9962	3.4031	4.3993	0.8765	87.65
34	39779	1.0095	1.008	1.0747	-1.0855	3.0903	4.1758	0.895	89.5
35	39571	0.8861	0.8873	1.0519	-1.1013	2.9633	4.0645	0.8996	89.96
36	34283	0.8016	0.8194	1.0295	-1.221	2.8081	4.029	0.9041	90.41
37	38835	0.7614	0.7917	1.0042	-1.2936	2.6968	3.9905	0.909	90.9
38	34728	0.7352	0.7432	1.025	-1.3154	2.6888	4.0042	0.905	90.5
39	31316	0.7309	0.7479	1.0256	-1.3202	2.6758	3.9961	0.9048	90.48
40	34236	0.7296	0.7287	0.9926	-1.2125	2.6534	3.8659	0.9112	91.12
41	39482	0.7259	0.7294	1.0038	-1.3107	2.6286	3.9394	0.909	90.9
42	38547	0.7212	0.7389	0.9967	-1.2309	2.6796	3.9104	0.9104	91.04
43	34732	0.6956	0.6932	1.0156	-1.2953	2.6487	3.944	0.9068	90.68
44	34114	0.6908	0.6967	0.9741	-1.2453	2.5903	3.8356	0.9146	91.46
45	32542	0.6706	0.6879	1.0119	-1.3553	2.6189	3.9742	0.9075	90.75
46	30647	0.6377	0.6477	0.9966	-1.3166	2.5805	3.8972	0.9104	91.04
47	27883	0.5963	0.5818	0.9719	-1.312	2.544	3.856	0.915	91.5
48	19044	0.557	0.5488	0.9865	-1.4089	2.5024	3.9113	0.9123	91.23
49	30206	0.4588	0.4684	0.9821	-1.5509	2.3382	3.8891	0.9131	91.31
50	32499	0.382	0.4184	1.0419	-1.7392	2.276	4.0152	0.9016	90.16
51	38600	0.2941	0.2742	0.922	-1.5079	2.1103	3.6182	0.9239	92.39
52	28494	0.2574	0.2411	0.9226	-1.5863	2.1001	3.6864	0.9238	92.38
53	39296	0.2303	0.2233	0.9456	-1.6394	2.0934	3.7328	0.9197	91.97
54	40635	0.2118	0.2084	0.9683	-1.7535	2.1708	3.9243	0.9157	91.57
55	31914	0.1881	0.1826	0.938	-1.6851	2.0827	3.7678	0.9211	92.11
56	33988	0.1871	0.1867	0.9312	-1.6989	2.0307	3.7296	0.9223	92.23
57	38939	0.1826	0.1833	0.9407	-1.6951	2.0586	3.7537	0.9206	92.06
58	34731	0.1788	0.1612	0.9407	-1.7049	2.0723	3.7772	0.9206	92.06
59	31427	0.1667	0.1651	0.9175	-1.7009	1.9772	3.6781	0.9246	92.46
60	34005	0.165	0.1426	0.9513	-1.7608	2.0686	3.8294	0.9187	91.87
61	38648	0.1646	0.1561	0.9469	-1.7674	2.0462	3.8136	0.9195	91.95
62	33047	0.1635	0.1622	0.9481	-1.7052	2.0775	3.7826	0.9193	91.93
63	33191	0.1591	0.155	0.9367	-1.6865	2.0413	3.7278	0.9213	92.13
64	31425	0.1579	0.1536	0.9149	-1.6488	2.0474	3.6962	0.9251	92.51
65	30982	0.1567	0.1539	0.9321	-1.7647	2.01	3.7747	0.9221	92.21

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	30790	0.1534	0.1527	0.913	-1.6348	1.9924	3.6272	0.9254	92.54
67	30891	0.1527	0.1399	0.9396	-1.7315	2.0265	3.7579	0.9208	92.08
68	29236	0.148	0.1332	0.9322	-1.6646	2.053	3.7176	0.9221	92.21
69	28378	0.1407	0.1452	0.9307	-1.7147	2.0102	3.7249	0.9224	92.24
70	19145	0.1362	0.1285	0.9477	-1.7816	2.0417	3.8233	0.9194	91.94
71	32206	0.1272	0.1354	0.9484	-1.7747	1.9784	3.7531	0.9192	91.92
72	39440	0.1176	0.1233	0.9429	-1.771	1.9852	3.7563	0.9202	92.02
73	31440	0.1168	0.1134	0.9624	-1.8713	2.0409	3.9121	0.9167	91.67
74	17965	0.0582	0.0642	1.0063	-1.9032	2.1001	4.0033	0.9086	90.86
75	32504	-0.0414	-0.0734	0.9752	-1.9223	1.9351	3.8574	0.9144	91.44
76	31629	-0.1026	-0.0911	0.9315	-1.9938	1.7553	3.749	0.9222	92.22
77	38603	-0.1151	-0.1105	0.9464	-2.0532	1.8017	3.8549	0.9196	91.96
78	31630	-0.1365	-0.1295	0.9387	-2.0463	1.7318	3.778	0.921	92.1
79	31723	-0.1435	-0.1897	1.0024	-2.0528	1.9849	4.0378	0.9093	90.93
80	28278	-0.3117	-0.3139	0.9431	-2.1662	1.5298	3.696	0.9202	92.02
81	39081	-0.3654	-0.3689	0.9657	-2.3382	1.5871	3.9254	0.9161	91.61
82	33203	-0.3704	-0.3557	0.9393	-2.2158	1.4911	3.7069	0.9209	92.09
83	32410	-0.3736	-0.3793	0.947	-2.207	1.5255	3.7325	0.9195	91.95
84	35279	-0.3768	-0.3553	0.9436	-2.3262	1.4784	3.8046	0.9201	92.01
85	20548	-0.3772	-0.3784	0.9757	-2.3392	1.5514	3.8906	0.9143	91.43
86	32928	-0.3778	-0.3788	0.9489	-2.2916	1.4942	3.7857	0.9191	91.91
87	35047	-0.3818	-0.3659	0.9517	-2.2765	1.5165	3.7931	0.9186	91.86
88	20131	-0.3909	-0.3827	0.962	-2.3539	1.5147	3.8687	0.9168	91.68
89	31431	-0.3912	-0.3923	0.9499	-2.2832	1.5101	3.7933	0.919	91.9
90	34146	-0.398	-0.4132	0.9471	-2.262	1.4787	3.7407	0.9195	91.95
91	32997	-0.4059	-0.4032	0.9294	-2.2656	1.4605	3.7261	0.9226	92.26
92	34084	-0.4063	-0.4046	0.9687	-2.3684	1.5124	3.8808	0.9156	91.56
93	30043	-0.4068	-0.4093	0.9693	-2.316	1.5583	3.8743	0.9155	91.55
94	31854	-0.4078	-0.419	0.9512	-2.2885	1.4932	3.7817	0.9187	91.87
95	27378	-0.4098	-0.4003	0.9712	-2.3306	1.4944	3.825	0.9151	91.51
96	38553	-0.4115	-0.3869	0.9559	-2.3379	1.4603	3.7982	0.9179	91.79
97	38669	-0.4175	-0.424	0.9612	-2.3168	1.5169	3.8337	0.9169	91.69
98	39662	-0.4283	-0.4231	0.9704	-2.3541	1.522	3.8761	0.9153	91.53
99	19341	-0.4319	-0.4425	0.963	-2.322	1.5454	3.8674	0.9166	91.66
100	38569	-0.4736	-0.4655	0.9769	-2.4244	1.4612	3.8856	0.9141	91.41

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	32604	-0.5945	-0.6123	1.0172	-2.5748	1.4387	4.0136	0.9065	90.65
102	32859	-0.637	-0.6113	0.9601	-2.6107	1.2372	3.8479	0.9171	91.71
103	32398	-0.6481	-0.6327	0.9801	-2.572	1.2654	3.8375	0.9135	91.35
104	36112	-0.6562	-0.6434	0.9544	-2.6459	1.2229	3.8688	0.9182	91.82
105	39472	-0.6597	-0.6679	0.9824	-2.5867	1.3063	3.893	0.9131	91.31
106	31004	-0.6601	-0.6415	0.9584	-2.679	1.2067	3.8857	0.9175	91.75
107	30788	-0.8579	-0.904	1.059	-2.8126	1.2782	4.0909	0.8982	89.82
108	39377	-0.9341	-0.9762	1.0483	-2.8928	1.1657	4.0586	0.9004	90.04
109	34218	-0.9394	-0.9647	1.0311	-2.9209	1.0591	3.98	0.9038	90.38
110	32658	-0.9643	-0.9936	1.0472	-2.9632	1.0795	4.0427	0.9006	90.06
111	33814	-0.9657	-0.9893	1.0402	-2.9129	1.0655	3.9784	0.902	90.2
112	39376	-0.9662	-0.9821	1.0454	-3.0103	1.07	4.0803	0.9009	90.09
113	27937	-0.9719	-0.9953	1.0573	-2.9429	1.1185	4.0614	0.8985	89.85
114	32460	-0.9771	-0.9933	1.0558	-3.0044	1.043	4.0473	0.8988	89.88
115	38879	-0.9868	-1.0263	1.0473	-3.0096	1.0337	4.0434	0.9005	90.05
116	38914	-1.018	-1.0323	1.0813	-3.0936	1.0682	4.1618	0.8936	89.36
117	29369	-1.0383	-1.0614	1.0811	-3.0754	1.0728	4.1482	0.8936	89.36
118	27239	-1.1765	-1.1744	1.021	-3.1841	0.8089	3.9929	0.9057	90.57
119	29636	-1.2524	-1.278	1.1264	-3.3337	0.8849	4.2186	0.8839	88.39
120	32050	-1.2815	-1.3017	1.049	-3.3162	0.7892	4.1054	0.9002	90.02
121	27301	-1.3268	-1.2926	0.9083	-3.1708	0.367	3.5378	0.9262	92.62
122	34729	-1.448	-1.4959	1.2182	-3.6434	0.8909	4.5343	0.8627	86.27
123	36043	-1.5205	-1.5773	1.1877	-3.6831	0.6826	4.3656	0.87	87
124	30485	-1.5268	-1.6157	1.2035	-3.6512	0.7852	4.4364	0.8663	86.63
125	32328	-1.5336	-1.6108	1.1714	-3.6458	0.6929	4.3387	0.8738	87.38
126	31980	-1.544	-1.6182	1.1963	-3.6609	0.7181	4.379	0.868	86.8
127	28680	-1.5504	-1.5745	1.2402	-3.8683	0.7539	4.6222	0.8573	85.73
128	31111	-1.5693	-1.6402	1.2391	-3.8406	0.8299	4.6704	0.8576	85.76
129	31541	-1.6106	-1.6608	1.2487	-3.8931	0.6686	4.5617	0.8552	85.52
130	30603	-1.6982	-1.7644	1.1803	-3.7929	0.6138	4.4067	0.8717	87.17
131	32505	-1.7698	-1.8434	1.1627	-3.9322	0.4916	4.4239	0.8758	87.58
132	31549	-2.0516	-2.179	1.3547	-4.3772	0.4658	4.843	0.8269	82.69
133	31432	-2.0564	-2.1719	1.3882	-4.3855	0.5279	4.9134	0.8173	81.73
134	30634	-2.0746	-2.2028	1.3784	-4.4386	0.5029	4.9415	0.8201	82.01
135	27211	-2.1022	-2.1977	1.4301	-4.6099	0.499	5.1089	0.8047	80.47

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	27836	-2.1071	-2.2231	1.4299	-4.5304	0.557	5.0874	0.8048	80.48
137	35186	-2.1197	-2.2122	1.4287	-4.6643	0.5624	5.2267	0.8051	80.51
138	31535	-2.1297	-2.2128	1.4622	-4.6859	0.6041	5.29	0.7947	79.47
139	31515	-2.3455	-2.4651	1.3365	-4.6603	0.2581	4.9184	0.832	83.2
140	29257	-2.4481	-2.5253	1.6023	-5.1467	0.4501	5.5968	0.7467	74.67
141	32334	-2.6856	-2.8562	1.6305	-5.3921	0.2909	5.683	0.7361	73.61
142	35375	-2.7044	-2.8612	1.6274	-5.4567	0.3529	5.8095	0.7373	73.73
143	35257	-2.7478	-2.9285	1.6449	-5.4682	0.3229	5.7911	0.7306	73.06
144	32878	-2.8788	-3.0473	1.5505	-5.4395	0.1128	5.5523	0.7653	76.53

TG

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31717	19.2343	19.8373	2.8703	11.0237	22.5483	11.5245	0.9542	95.42
2	33812	18.9214	19.6631	3.1052	9.9283	22.2863	12.358	0.9462	94.62
3	29151	15.3261	15.873	2.6133	7.822	18.4575	10.6356	0.9622	96.22
4	27509	15.2523	15.8281	2.6954	7.3366	18.5255	11.1889	0.9598	95.98
5	33889	13.6461	14.0668	2.2929	7.415	16.7459	9.3309	0.9711	97.11
6	33331	11.5164	11.9182	2.3163	4.8298	14.6534	9.8237	0.9705	97.05
7	32928	11.4396	11.884	2.3786	4.8507	14.639	9.7882	0.9688	96.88
8	32504	10.0648	10.264	1.9447	5.2449	13.3491	8.1042	0.9793	97.93
9	28378	9.7037	10.0416	2.1304	3.7299	12.9035	9.1736	0.9751	97.51
10	33814	9.6744	10.046	2.1571	3.5163	12.8772	9.3609	0.9744	97.44
11	28324	9.593	9.6796	1.9961	5.3451	13.2418	7.8968	0.9781	97.81
12	32505	8.8535	9.1198	2.0211	3.6776	12.1108	8.4332	0.9776	97.76
13	23729	8.7063	9.007	2.0968	2.8613	11.9149	9.0535	0.9759	97.59
14	31724	8.0924	8.2318	1.8278	3.6223	11.3207	7.6984	0.9817	98.17
15	32608	8.0865	8.3435	2.232	2.5326	11.7454	9.2128	0.9726	97.26
16	17965	8.0696	8.3222	2.2323	2.3805	11.7378	9.3573	0.9726	97.26
17	27937	7.8129	8.0954	1.983	2.3563	10.9062	8.5498	0.9784	97.84
18	33333	7.7943	8.0937	2.0427	2.215	10.9456	8.7306	0.9771	97.71
19	39081	7.7385	8.0214	2.0493	2.183	10.8589	8.676	0.9769	97.69
20	31742	7.1612	7.4141	2.1906	1.5717	10.8113	9.2395	0.9736	97.36
21	31004	6.9111	7.1361	1.9488	1.9069	10.0401	8.1332	0.9792	97.92
22	34004	6.8887	7.1294	1.9212	1.9432	10.0903	8.147	0.9798	97.98
23	31440	6.6871	6.9059	2.1684	1.3688	10.3221	8.9532	0.9742	97.42
24	32542	6.2607	6.3963	2.1355	1.0843	10.0312	8.9469	0.9749	97.49
25	33809	6.203	6.3994	2.1574	0.8326	9.9733	9.1407	0.9744	97.44
26	38896	5.9739	6.1788	1.9033	1.2483	9.1141	7.8659	0.9801	98.01
27	33945	5.9158	6.1349	1.8879	0.8942	9.0464	8.1522	0.9805	98.05
28	31430	5.8963	6.1415	1.9157	0.9069	8.9674	8.0605	0.9799	97.99
29	39779	5.3876	5.5175	2.0734	0.6094	9.0893	8.4799	0.9764	97.64
30	32050	5.3729	5.4962	2.0757	0.3814	9.091	8.7096	0.9763	97.63

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	32398	5.3496	5.4548	2.0479	0.621	9.1336	8.5125	0.977	97.7
32	34084	5.0384	5.1727	1.8362	0.5864	8.3046	7.7182	0.9815	98.15
33	39022	4.163	4.2947	1.7874	0.0181	7.5232	7.5052	0.9825	98.25
34	29444	4.0818	4.2194	1.7799	-0.0959	7.3161	7.412	0.9827	98.27
35	34731	4.077	4.2251	1.8265	-0.3537	7.3682	7.722	0.9817	98.17
36	32499	3.7804	4.0307	1.903	-1.0687	6.8665	7.9352	0.9802	98.02
37	39571	3.492	3.5846	1.9669	-0.7854	7.2176	8.003	0.9788	97.88
38	34728	3.1895	3.2824	1.827	-0.9078	6.6354	7.5432	0.9817	98.17
39	39482	3.1777	3.2682	1.7556	-0.8332	6.5064	7.3397	0.9831	98.31
40	31629	3.1631	3.2749	1.7551	-1.0488	6.3761	7.4249	0.9831	98.31
41	34146	3.1503	3.2703	1.7872	-1.1523	6.4266	7.579	0.9825	98.25
42	38648	3.1429	3.2543	1.7263	-0.984	6.2946	7.2786	0.9837	98.37
43	34218	3.1337	3.2332	1.7839	-0.9639	6.4772	7.4411	0.9826	98.26
44	27301	2.7158	2.7375	1.7995	-0.9862	6.1885	7.1747	0.9823	98.23
45	30073	2.4917	2.5715	1.979	-1.6327	6.0777	7.7104	0.9785	97.85
46	39465	2.4892	2.5257	1.954	-1.6286	6.2454	7.874	0.9791	97.91
47	27239	2.3922	2.4171	1.696	-1.1329	5.8764	7.0093	0.9843	98.43
48	36112	2.3089	2.3573	1.6952	-1.3551	5.7108	7.0659	0.9843	98.43
49	30603	2.2974	2.3368	1.7183	-1.2996	5.7785	7.0781	0.9838	98.38
50	38941	2.2814	2.3305	1.7268	-1.463	5.6704	7.1334	0.9837	98.37
51	31549	2.2639	2.3059	1.7132	-1.4776	5.5984	7.076	0.9839	98.39
52	34114	2.2555	2.3376	1.7134	-1.6315	5.5399	7.1714	0.9839	98.39
53	31854	2.25	2.3032	1.6994	-1.3917	5.6589	7.0506	0.9842	98.42
54	29236	2.2492	2.3296	1.7848	-1.7437	5.7919	7.5355	0.9826	98.26
55	38547	2.2394	2.3312	1.7458	-1.6938	5.5816	7.2754	0.9833	98.33
56	30485	2.2376	2.3054	1.7701	-1.8653	5.6556	7.5209	0.9829	98.29
57	31316	2.2314	2.289	1.7269	-1.5989	5.6011	7.2	0.9837	98.37
58	29952	2.2153	2.2802	1.7142	-1.6654	5.5495	7.2148	0.9839	98.39
59	31914	2.2126	2.3016	1.6929	-1.6336	5.4278	7.0614	0.9843	98.43
60	30982	2.2118	2.3068	1.7223	-1.6569	5.6268	7.2837	0.9838	98.38
61	27378	2.2074	2.2802	1.7434	-1.7686	5.5898	7.3584	0.9834	98.34
62	33203	2.2037	2.2709	1.7803	-1.7915	5.5635	7.355	0.9827	98.27
63	34236	2.1866	2.2738	1.713	-1.769	5.4522	7.2212	0.9839	98.39
64	19044	2.0736	2.1957	1.7393	-1.9804	5.2438	7.2242	0.9834	98.34
65	29910	1.5987	1.6389	1.9552	-2.4808	5.51	7.9908	0.979	97.9

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	34303	1.583	1.6143	1.9164	-2.4252	5.2629	7.688	0.9799	97.99
67	34094	1.5089	1.5378	1.9343	-2.5322	5.3208	7.853	0.9795	97.95
68	32859	1.3953	1.4038	1.7118	-2.1917	4.786	6.9777	0.984	98.4
69	33047	1.3369	1.3541	1.7166	-2.2128	4.8077	7.0205	0.9839	98.39
70	31630	1.3214	1.3543	1.7146	-2.3934	4.7822	7.1756	0.9839	98.39
71	32206	0.6899	0.7062	1.9606	-3.3575	4.6205	7.978	0.9789	97.89
72	32334	0.652	0.6942	1.9179	-3.4619	4.4277	7.8895	0.9798	97.98
73	39662	0.6445	0.6595	1.9159	-3.2341	4.464	7.6981	0.9799	97.99
74	30647	0.6284	0.6656	1.9298	-3.3984	4.4937	7.8921	0.9796	97.96
75	31515	0.4448	0.4244	1.7137	-3.1396	3.8707	7.0103	0.9839	98.39
76	39377	0.4061	0.4377	1.7101	-3.1307	3.9165	7.0473	0.984	98.4
77	32997	0.3749	0.3942	1.6972	-3.3517	3.8179	7.1696	0.9842	98.42
78	33988	0.3718	0.3741	1.7023	-3.3276	3.8495	7.1771	0.9842	98.42
79	40635	0.3699	0.3859	1.6772	-3.1713	3.7982	6.9695	0.9846	98.46
80	27836	0.3619	0.4021	1.7828	-3.613	3.8205	7.4336	0.9826	98.26
81	38600	-0.1171	-0.1824	1.8855	-3.7239	3.7723	7.4962	0.9805	98.05
82	30869	-0.2661	-0.2723	1.9236	-4.2475	3.6062	7.8536	0.9797	97.97
83	19341	-0.5333	-0.5522	1.7399	-3.9837	3.113	7.0967	0.9834	98.34
84	35047	-0.5457	-0.5681	1.6905	-3.9948	3.1357	7.1305	0.9844	98.44
85	34732	-0.5998	-0.5952	1.7495	-4.1585	2.984	7.1425	0.9833	98.33
86	30206	-0.6807	-0.6422	1.6901	-4.3432	2.6759	7.0191	0.9844	98.44
87	34283	-0.8649	-0.7489	1.7522	-4.9548	2.2878	7.2426	0.9832	98.32
88	38569	-1.1621	-1.1459	1.9134	-4.8917	2.7213	7.613	0.9799	97.99
89	30634	-1.4594	-1.4946	1.7378	-4.9261	2.2939	7.2201	0.9835	98.35
90	33168	-1.469	-1.5185	1.725	-4.8009	2.3989	7.1999	0.9837	98.37
91	39042	-1.4796	-1.5279	1.769	-4.9403	2.4425	7.3828	0.9829	98.29
92	20548	-1.4825	-1.4989	1.7513	-4.9776	2.3627	7.3403	0.9832	98.32
93	27211	-1.4838	-1.5368	1.7194	-4.9712	2.274	7.2452	0.9838	98.38
94	20131	-1.4909	-1.5581	1.7646	-5.0689	2.5347	7.6037	0.983	98.3
95	31723	-2.1382	-2.3059	1.8766	-5.4243	2.3825	7.8068	0.9807	98.07
96	30043	-2.3618	-2.4805	1.7377	-5.5562	1.5491	7.1054	0.9835	98.35
97	40632	-2.3745	-2.4393	1.7659	-5.863	1.4149	7.2779	0.9829	98.29
98	30790	-2.3767	-2.4355	1.6898	-5.5977	1.3825	6.9801	0.9844	98.44
99	34005	-2.388	-2.4823	1.6731	-5.5998	1.4105	7.0103	0.9847	98.47
100	31427	-2.3913	-2.46	1.6748	-5.5362	1.3969	6.9331	0.9847	98.47

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	39472	-2.3949	-2.4535	1.7407	-5.8668	1.3418	7.2086	0.9834	98.34
102	38603	-2.3965	-2.4396	1.769	-5.8882	1.485	7.3732	0.9829	98.29
103	38553	-2.4028	-2.4608	1.7557	-5.6404	1.3304	6.9708	0.9831	98.31
104	32658	-2.4069	-2.4714	1.7489	-5.819	1.5528	7.3718	0.9833	98.33
105	38939	-2.4356	-2.5067	1.7687	-5.8273	1.4494	7.2768	0.9829	98.29
106	31111	-3.0083	-3.088	1.959	-6.6543	1.3084	7.9627	0.979	97.9
107	39440	-3.0547	-3.1218	1.9995	-6.7972	1.361	8.1581	0.9781	97.81
108	28278	-3.2571	-3.4002	1.7797	-6.4749	0.8346	7.3095	0.9827	98.27
109	30891	-3.3256	-3.447	1.7648	-6.4956	0.7438	7.2393	0.983	98.3
110	34089	-3.3277	-3.4221	1.8023	-6.7367	0.8556	7.5923	0.9822	98.22
111	29215	-3.3486	-3.4502	1.7565	-6.5592	0.5927	7.1518	0.9831	98.31
112	39296	-4.2157	-4.3712	1.7624	-7.3652	0.158	7.5232	0.983	98.3
113	38879	-4.2591	-4.3839	1.7723	-7.4698	-0.1294	7.3403	0.9828	98.28
114	38914	-4.8566	-5.0253	2.0955	-8.6322	-0.1059	8.5263	0.9759	97.59
115	30788	-5.101	-5.3103	1.9125	-8.3057	-0.198	8.1076	0.98	98
116	34729	-5.208	-5.3802	1.8622	-8.4289	-0.3991	8.0297	0.981	98.1
117	19145	-6.0715	-6.316	1.8982	-9.1859	-0.852	8.3339	0.9803	98.03
118	39376	-6.0895	-6.2976	1.8822	-9.1646	-1.2892	7.8754	0.9806	98.06
119	28494	-6.2192	-6.395	1.8619	-9.382	-1.4568	7.9252	0.981	98.1
120	35186	-6.7879	-6.9462	2.1049	-10.4187	-1.7631	8.6556	0.9757	97.57
121	32460	-6.9859	-7.2572	1.9296	-10.008	-1.8386	8.1695	0.9796	97.96
122	33191	-7.003	-7.2495	1.9792	-10.1439	-1.635	8.5089	0.9785	97.85
123	35279	-7.0519	-7.2919	1.9599	-10.213	-1.8956	8.3173	0.9789	97.89
124	32328	-7.057	-7.2968	1.9301	-10.1425	-1.9667	8.1758	0.9796	97.96
125	38835	-7.1945	-7.3939	1.88	-10.3772	-2.32	8.0572	0.9806	98.06
126	29369	-7.6385	-7.8807	2.203	-11.3191	-2.1564	9.1627	0.9733	97.33
127	35375	-7.7117	-7.9598	2.1718	-11.329	-2.3937	8.9353	0.9741	97.41
128	38669	-7.9424	-8.2354	2.0426	-11.1215	-2.2884	8.8332	0.9771	97.71
129	29636	-8.8322	-9.1799	2.1512	-11.96	-2.7129	9.247	0.9746	97.46
130	31980	-8.889	-9.1765	2.0633	-12.0256	-3.4486	8.577	0.9766	97.66
131	36043	-8.9129	-9.2182	2.0934	-12.2159	-3.2479	8.968	0.9759	97.59
132	32878	-9.7109	-10.114	2.2497	-12.8806	-3.2723	9.6083	0.9721	97.21
133	28680	-9.7421	-10.0919	2.2048	-12.8359	-3.7309	9.105	0.9733	97.33
134	31425	-9.7996	-10.1849	2.1692	-12.8465	-3.8762	8.9703	0.9741	97.41
135	27883	-10.5347	-10.875	2.3287	-14.154	-4.3343	9.8196	0.9701	97.01

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	32410	-10.691	-11.0922	2.2727	-13.7868	-3.9228	9.8639	0.9716	97.16
137	32072	-10.7434	-11.1378	2.258	-13.8877	-4.3339	9.5537	0.9719	97.19
138	29257	-11.3897	-11.9446	2.4861	-14.4974	-3.9809	10.5164	0.9659	96.59
139	31541	-11.4115	-11.7706	2.5131	-15.2195	-4.6194	10.6001	0.9651	96.51
140	31432	-11.6588	-12.1131	2.3585	-14.9016	-5.1237	9.7779	0.9693	96.93
141	31535	-12.5574	-13.0691	2.4609	-15.7002	-5.1696	10.5307	0.9666	96.66
142	32604	-12.9053	-13.2452	2.2386	-16.102	-6.8504	9.2516	0.9724	97.24
143	35257	-13.2589	-13.6924	2.652	-16.9846	-6.2461	10.7385	0.9611	96.11
144	31431	-20.9377	-21.8206	3.3854	-24.3455	-10.4871	13.8584	0.9357	93.57

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	33333	1.4736	0.4556	3.0514	-1.2705	12.0317	13.3021	0	0
2	31854	1.4611	0.4386	3.0366	-1.243	12.16	13.403	0	0
3	39081	1.3404	0.4442	2.7292	-1.3888	10.0204	11.4091	0	0
4	38941	1.3312	0.3976	2.8717	-1.3443	11.3202	12.6645	0	0
5	33945	1.2632	0.4094	2.6821	-1.3412	10.1266	11.4678	0.1171	11.71
6	31431	1.2136	0.3764	2.6247	-1.4707	9.8943	11.365	0.2356	23.56
7	33814	1.1481	0.3607	2.5326	-1.4123	9.7192	11.1315	0.3472	34.72
8	31724	1.1072	0.3906	2.4492	-1.6819	9.1437	10.8256	0.4214	42.14
9	27937	0.9314	0.3479	2.1067	-1.6672	7.546	9.2133	0.6257	62.57
10	33331	0.9158	0.2774	2.1899	-1.6269	7.8945	9.5214	0.5852	58.52
11	38939	0.9038	0.2988	2.1202	-1.6035	7.5031	9.1066	0.6194	61.94
12	39022	0.9037	0.3284	2.0419	-1.5914	7.0591	8.6505	0.6545	65.45
13	27211	0.8822	0.3053	2.108	-1.653	7.5749	9.2279	0.6251	62.51
14	32398	0.8714	0.2811	2.2034	-1.9077	7.7328	9.6405	0.5783	57.83
15	31316	0.8598	0.294	2.0596	-1.6251	7.483	9.108	0.6468	64.68
16	31717	0.814	0.2934	2.0221	-1.7968	6.9297	8.7265	0.6629	66.29
17	39779	0.7741	0.3174	1.8836	-1.8616	6.017	7.8786	0.7166	71.66
18	30043	0.7539	0.2703	1.9367	-1.7181	6.49	8.2081	0.697	69.7
19	32658	0.7347	0.2462	1.9488	-1.8789	6.82	8.6989	0.6923	69.23
20	32928	0.7116	0.2621	1.8636	-1.9239	6.2843	8.2082	0.7238	72.38
21	34094	0.693	0.2509	1.8594	-1.8493	6.3088	8.1582	0.7252	72.52
22	39465	0.6707	0.2031	1.9078	-1.9012	6.3513	8.2526	0.7078	70.78
23	38569	0.6496	0.2183	1.8257	-1.8512	6.1227	7.9739	0.7369	73.69
24	31742	0.6452	0.236	1.7981	-1.9003	6.058	7.9583	0.7461	74.61
25	30485	0.6426	0.2256	1.7626	-1.7951	5.7615	7.5566	0.7577	75.77
26	31440	0.6214	0.2319	1.7993	-1.8784	6.0136	7.892	0.7457	74.57
27	32542	0.5607	0.2067	1.6766	-1.9175	5.4244	7.3419	0.784	78.4
28	32206	0.5592	0.1966	1.6681	-1.8903	5.3128	7.203	0.7865	78.65
29	20131	0.5527	0.204	1.6644	-1.9543	5.2005	7.1548	0.7875	78.75
30	31004	0.543	0.2265	1.6937	-2.2182	5.2299	7.4481	0.7789	77.89

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	38600	0.4998	0.2043	1.5057	-1.9419	4.5091	6.451	0.8302	83.02
32	29236	0.4977	0.1962	1.6125	-1.9644	4.9481	6.9125	0.8022	80.22
33	30206	0.4857	0.1733	1.5743	-1.8651	4.9576	6.8226	0.8125	81.25
34	39482	0.4466	0.1464	1.6274	-2.0959	4.9109	7.0068	0.7981	79.81
35	27301	0.4441	0.1474	1.5821	-1.9326	5.1409	7.0736	0.8104	81.04
36	19341	0.4322	0.1328	1.5968	-2.0964	4.9349	7.0313	0.8065	80.65
37	34303	0.4128	0.154	1.5916	-2.1647	4.6799	6.8446	0.8079	80.79
38	31515	0.4102	0.1642	1.564	-2.2831	4.4214	6.7044	0.8152	81.52
39	34089	0.3859	0.1483	1.4982	-2.1771	4.2654	6.4425	0.832	83.2
40	32608	0.3789	0.1469	1.5313	-2.1583	4.5121	6.6705	0.8237	82.37
41	28378	0.3297	0.1111	1.5125	-2.3239	4.2553	6.5793	0.8285	82.85
42	34236	0.2997	0.1127	1.4997	-2.3601	4.1418	6.5019	0.8317	83.17
43	38648	0.2986	0.1265	1.4359	-2.2983	3.8336	6.1319	0.847	84.7
44	40632	0.2981	0.139	1.4984	-2.6461	4.0273	6.6734	0.832	83.2
45	31549	0.2975	0.1065	1.4823	-2.3633	4.1002	6.4634	0.8359	83.59
46	38914	0.2939	0.0944	1.4936	-2.2877	4.1319	6.4197	0.8332	83.32
47	29151	0.287	0.1155	1.5005	-2.3703	4.1808	6.5511	0.8315	83.15
48	32460	0.2725	0.1047	1.4495	-2.3326	3.8885	6.221	0.8438	84.38
49	34731	0.2616	0.1036	1.4272	-2.3486	3.8633	6.212	0.849	84.9
50	34146	0.2298	0.0885	1.4418	-2.5538	3.9936	6.5474	0.8456	84.56
51	33889	0.2138	0.1027	1.4454	-2.6799	3.8517	6.5317	0.8447	84.47
52	30790	0.2099	0.1159	1.3615	-2.4206	3.5112	5.9317	0.8636	86.36
53	31432	0.2059	0.0934	1.3759	-2.5719	3.4581	6.0301	0.8605	86.05
54	27509	0.1997	0.0987	1.3812	-2.4944	3.4797	5.9741	0.8593	85.93
55	32050	0.1841	0.0846	1.4653	-2.6839	3.6898	6.3736	0.84	84
56	23729	0.1725	0.0634	1.4167	-2.7366	3.4838	6.2205	0.8514	85.14
57	27378	0.1701	0.0747	1.3349	-2.5584	3.5077	6.0661	0.8693	86.93
58	33812	0.1646	0.0733	1.3554	-2.5305	3.4199	5.9504	0.8649	86.49
59	39440	0.11	0.0314	1.3606	-2.7003	3.413	6.1134	0.8638	86.38
60	34084	0.1072	0.0444	1.3758	-2.6559	3.2897	5.9456	0.8605	86.05
61	39377	0.0908	0.0408	1.3751	-2.6997	3.293	5.9927	0.8607	86.07
62	39571	0.086	0.0556	1.4557	-3.0734	3.2985	6.3719	0.8423	84.23
63	32997	0.0845	0.0328	1.3705	-2.7967	3.1573	5.9541	0.8617	86.17
64	33047	0.0778	0.0314	1.38	-2.7241	3.2902	6.0143	0.8596	85.96
65	34114	0.0773	0.0441	1.3239	-2.8431	3.0684	5.9115	0.8716	87.16

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	30634	0.0617	0.0245	1.3417	-2.7537	3.2337	5.9874	0.8679	86.79
67	34729	0.0496	0.015	1.4162	-2.943	3.1704	6.1134	0.8515	85.15
68	39472	0.0449	0.006	1.3581	-2.8517	3.1754	6.0271	0.8644	86.44
69	17965	0.0356	0.0364	1.3416	-2.81	2.9617	5.7717	0.8679	86.79
70	29369	0.0292	0.0217	1.3598	-3.0267	3.0715	6.0983	0.864	86.4
71	32328	0.0204	0.0286	1.3175	-2.8824	2.8781	5.7604	0.8729	87.29
72	34732	0.0125	0.0066	1.4198	-2.9747	3.2409	6.2156	0.8507	85.07
73	31430	0.0035	-0.0058	1.2724	-2.7224	2.7657	5.4881	0.8821	88.21
74	33809	-0.0001	0.004	1.3409	-2.916	2.9695	5.8854	0.868	86.8
75	31914	-0.0027	-0.0101	1.3464	-2.9759	2.8756	5.8515	0.8669	86.69
76	32859	-0.0051	0.0048	1.4282	-2.9912	3.0532	6.0445	0.8487	84.87
77	38896	-0.008	-0.0034	1.3192	-2.9356	2.7775	5.713	0.8726	87.26
78	28324	-0.0117	0.0414	1.3738	-3.3087	2.8236	6.1323	0.861	86.1
79	32334	-0.018	0.0022	1.3765	-3.0267	2.945	5.9717	0.8604	86.04
80	38603	-0.0188	-0.0133	1.3483	-2.9914	3.0428	6.0343	0.8665	86.65
81	39042	-0.0193	-0.026	1.3062	-2.8294	2.935	5.7644	0.8753	87.53
82	28278	-0.0197	0.0047	1.3317	-2.9742	2.7925	5.7666	0.87	87
83	39662	-0.0627	-0.013	1.3392	-3.1166	2.8589	5.9754	0.8684	86.84
84	27239	-0.0662	-0.0254	1.3476	-3.2313	2.8855	6.1168	0.8666	86.66
85	28494	-0.0715	-0.0371	1.3011	-3.007	2.6234	5.6304	0.8763	87.63
86	35047	-0.08	-0.0503	1.3406	-3.0769	2.744	5.8209	0.8681	86.81
87	31427	-0.1266	-0.0542	1.3649	-3.3502	2.694	6.0442	0.8629	86.29
88	39296	-0.1272	-0.039	1.4501	-3.5883	2.8005	6.3888	0.8436	84.36
89	36112	-0.1642	-0.0807	1.4826	-3.6689	2.8788	6.5477	0.8359	83.59
90	38553	-0.1667	-0.0646	1.3855	-3.4146	2.543	5.9576	0.8584	85.84
91	29215	-0.1818	-0.08	1.3774	-3.4724	2.5621	6.0345	0.8602	86.02
92	38547	-0.1823	-0.0824	1.3832	-3.5896	2.4386	6.0282	0.8589	85.89
93	27836	-0.1884	-0.0721	1.4007	-3.5361	2.6148	6.151	0.855	85.5
94	29444	-0.1896	-0.0785	1.3596	-3.443	2.4526	5.8956	0.864	86.4
95	34283	-0.2208	-0.1107	1.4535	-3.7067	2.6868	6.3935	0.8428	84.28
96	34004	-0.2335	-0.0827	1.4061	-3.8701	2.4019	6.2721	0.8538	85.38
97	30891	-0.2359	-0.094	1.4007	-3.6837	2.4062	6.0899	0.855	85.5
98	31535	-0.2487	-0.0796	1.4504	-3.9746	2.4251	6.3997	0.8435	84.35
99	20548	-0.2505	-0.1206	1.3918	-3.6158	2.3768	5.9926	0.857	85.7
100	31629	-0.2596	-0.0886	1.412	-3.7453	2.3175	6.0629	0.8524	85.24

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	30647	-0.2678	-0.1056	1.4831	-3.9812	2.3781	6.3593	0.8357	83.57
102	32505	-0.2837	-0.1214	1.5613	-4.275	2.5571	6.832	0.816	81.6
103	38835	-0.2916	-0.1281	1.5134	-3.9916	2.4712	6.4627	0.8282	82.82
104	35186	-0.3169	-0.1429	1.437	-4.032	2.2924	6.3244	0.8467	84.67
105	33988	-0.3316	-0.14	1.4592	-4.0419	2.2891	6.331	0.8415	84.15
106	29910	-0.3689	-0.1461	1.4921	-4.2434	2.1986	6.442	0.8335	83.35
107	31723	-0.3726	-0.1284	1.619	-4.625	2.4275	7.0524	0.8004	80.04
108	30073	-0.3763	-0.16	1.4963	-4.2153	2.2246	6.4399	0.8325	83.25
109	34218	-0.4061	-0.1582	1.5171	-4.3611	2.1966	6.5576	0.8273	82.73
110	27883	-0.4363	-0.2011	1.4354	-4.2413	1.9087	6.15	0.8471	84.71
111	38879	-0.4497	-0.1656	1.5952	-5.0081	2.1069	7.115	0.8069	80.69
112	38669	-0.4543	-0.1675	1.6017	-4.765	2.1152	6.8802	0.8051	80.51
113	31630	-0.4615	-0.1842	1.575	-4.8872	2.0411	6.9283	0.8124	81.24
114	32499	-0.4818	-0.2324	1.5547	-4.4658	2.1545	6.6202	0.8177	81.77
115	29952	-0.4952	-0.1681	1.5939	-4.9874	1.9645	6.9519	0.8073	80.73
116	40635	-0.5101	-0.2004	1.6237	-5.1932	2.0475	7.2408	0.7991	79.91
117	33203	-0.553	-0.202	1.7184	-5.5193	2.0165	7.5358	0.7715	77.15
118	30982	-0.5538	-0.1977	1.6996	-5.4324	1.9549	7.3873	0.7772	77.72
119	33191	-0.5549	-0.1819	1.7561	-5.7344	2.0438	7.7782	0.7597	75.97
120	33168	-0.5682	-0.235	1.665	-5.2202	2.0318	7.252	0.7874	78.74
121	32878	-0.6035	-0.2063	1.8092	-5.8112	2.1498	7.961	0.7424	74.24
122	32504	-0.6152	-0.2095	1.8675	-5.9505	2.1475	8.0981	0.7224	72.24
123	34728	-0.6249	-0.2213	1.8053	-5.8583	1.9314	7.7896	0.7438	74.38
124	30788	-0.6404	-0.2692	1.7007	-5.2079	1.8482	7.0561	0.7768	77.68
125	28680	-0.6416	-0.2141	1.8259	-5.9777	1.8404	7.8181	0.7368	73.68
126	29636	-0.6518	-0.2206	1.8141	-5.9294	1.7844	7.7137	0.7408	74.08
127	19145	-0.6669	-0.2369	1.8341	-6.0824	1.9207	8.0031	0.734	73.4
128	39376	-0.6674	-0.2375	1.8056	-6.0651	1.7899	7.855	0.7437	74.37
129	30603	-0.6714	-0.2409	1.9191	-6.0918	2.1364	8.2283	0.7036	70.36
130	35257	-0.7069	-0.24	1.8961	-6.391	1.8597	8.2507	0.7121	71.21
131	34005	-0.7296	-0.255	1.9353	-6.591	1.8181	8.4091	0.6975	69.75
132	19044	-0.734	-0.2687	1.8456	-6.2007	1.7338	7.9345	0.73	73
133	36043	-0.9527	-0.3099	2.2018	-8.0607	1.5323	9.593	0.5791	57.91
134	29257	-0.994	-0.3291	2.2317	-8.2437	1.5002	9.7439	0.5632	56.32
135	30869	-0.9984	-0.3341	2.2788	-8.2674	1.541	9.8084	0.5367	53.67

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31111	-1.0212	-0.3198	2.3524	-8.8372	1.5515	10.3887	0.4913	49.13
137	31425	-1.1304	-0.3326	2.503	-9.5344	1.4061	10.9405	0.3756	37.56
138	31980	-1.1697	-0.3608	2.5532	-9.6683	1.5426	11.211	0.326	32.6
139	35375	-1.2149	-0.3784	2.617	-9.7606	1.4809	11.2415	0.2471	24.71
140	32072	-1.2366	-0.3767	2.6516	-10.0301	1.3866	11.4167	0.1898	18.98
141	32604	-1.2477	-0.4425	2.5575	-9.3477	1.4654	10.8132	0.3213	32.13
142	32410	-1.2655	-0.3602	2.7742	-10.9933	1.3084	12.3017	0	0
143	31541	-1.3288	-0.4079	2.7577	-10.6272	1.2621	11.8893	0	0
144	35279	-1.5402	-0.4583	3.1533	-12.2229	1.2977	13.5206	0	0

MC

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31717	1.0021	1.0103	0.4701	0.0894	1.9205	1.8311	0.7647	76.47
2	28324	0.9659	0.9549	0.4424	0.1427	1.8382	1.6956	0.7952	79.52
3	33889	0.7846	0.7809	0.4298	-0.0358	1.6259	1.6617	0.8081	80.81
4	31980	0.7572	0.748	0.4577	-0.0918	1.6739	1.7658	0.7788	77.88
5	31549	0.6521	0.6316	0.4373	-0.157	1.534	1.691	0.8005	80.05
6	20131	0.6448	0.6337	0.4513	-0.191	1.5535	1.7446	0.7858	78.58
7	34089	0.599	0.5921	0.4204	-0.198	1.4384	1.6364	0.8174	81.74
8	31440	0.586	0.5753	0.421	-0.1959	1.4205	1.6164	0.8168	81.68
9	39662	0.5817	0.5715	0.4157	-0.2129	1.4256	1.6385	0.8218	82.18
10	31724	0.5246	0.5119	0.3883	-0.217	1.2816	1.4985	0.8467	84.67
11	39779	0.5166	0.496	0.445	-0.3125	1.4311	1.7437	0.7925	79.25
12	32398	0.4615	0.4561	0.4144	-0.3472	1.2652	1.6124	0.8231	82.31
13	32334	0.4573	0.4405	0.4066	-0.294	1.2661	1.5601	0.8303	83.03
14	31742	0.4425	0.4375	0.4057	-0.334	1.2598	1.5938	0.8312	83.12
15	34732	0.3977	0.3857	0.397	-0.3551	1.1939	1.549	0.8391	83.91
16	33988	0.392	0.3898	0.3863	-0.337	1.163	1.5	0.8484	84.84
17	38569	0.3865	0.3748	0.3889	-0.3521	1.1526	1.5046	0.8461	84.61
18	38553	0.3862	0.3754	0.391	-0.3721	1.1632	1.5353	0.8443	84.43
19	29369	0.3819	0.368	0.3856	-0.3556	1.1693	1.5248	0.8489	84.89
20	29236	0.3784	0.368	0.3887	-0.3543	1.1534	1.5077	0.8463	84.63
21	35279	0.3757	0.3665	0.388	-0.3675	1.1536	1.5212	0.8469	84.69
22	30043	0.3496	0.3408	0.3925	-0.3884	1.132	1.5204	0.843	84.3
23	39482	0.3398	0.3357	0.3829	-0.4039	1.0988	1.5027	0.8512	85.12
24	33333	0.3215	0.3139	0.3879	-0.4233	1.0748	1.4981	0.847	84.7
25	33331	0.3184	0.3137	0.3902	-0.434	1.0894	1.5235	0.845	84.5
26	27211	0.3085	0.2995	0.3909	-0.4241	1.0851	1.5092	0.8444	84.44
27	33168	0.3062	0.2975	0.392	-0.446	1.1006	1.5467	0.8434	84.34
28	30634	0.2815	0.2731	0.3772	-0.432	1.0375	1.4695	0.856	85.6
29	28278	0.2693	0.2575	0.3663	-0.4246	1.0092	1.4339	0.8649	86.49
30	38669	0.2634	0.2571	0.3686	-0.4441	1.0022	1.4462	0.8631	86.31

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	34303	0.2585	0.2514	0.3723	-0.4279	1.0221	1.45	0.86	86
32	31854	0.2558	0.2447	0.4145	-0.5411	1.1026	1.6437	0.823	82.3
33	38941	0.2288	0.2235	0.3654	-0.4786	0.956	1.4346	0.8656	86.56
34	33814	0.22	0.2112	0.3777	-0.5136	0.9773	1.4909	0.8556	85.56
35	29444	0.2161	0.2133	0.3653	-0.4847	0.9538	1.4385	0.8657	86.57
36	31535	0.2129	0.1947	0.4433	-0.6306	1.151	1.7816	0.7943	79.43
37	33812	0.2088	0.2035	0.3809	-0.5379	0.9766	1.5145	0.8529	85.29
38	40635	0.2065	0.1968	0.3737	-0.505	0.9689	1.4739	0.8589	85.89
39	29910	0.1993	0.1918	0.3658	-0.5154	0.9171	1.4325	0.8652	86.52
40	38603	0.1786	0.1759	0.3726	-0.5542	0.9023	1.4564	0.8598	85.98
41	27239	0.1744	0.171	0.3542	-0.5193	0.8816	1.4008	0.8743	87.43
42	27937	0.1723	0.1619	0.3663	-0.5337	0.884	1.4178	0.8649	86.49
43	30790	0.1693	0.1671	0.3887	-0.5787	0.9474	1.5261	0.8463	84.63
44	28680	0.1643	0.1571	0.3692	-0.5428	0.8976	1.4405	0.8626	86.26
45	19145	0.1601	0.1506	0.3753	-0.5573	0.9258	1.4831	0.8576	85.76
46	36112	0.1435	0.1422	0.4271	-0.6816	0.9828	1.6644	0.8108	81.08
47	30485	0.1421	0.1367	0.3693	-0.5738	0.8829	1.4567	0.8625	86.25
48	35047	0.1272	0.1194	0.3615	-0.566	0.8476	1.4137	0.8686	86.86
49	39022	0.1201	0.1171	0.3715	-0.6162	0.859	1.4752	0.8607	86.07
50	39472	0.0875	0.0905	0.3673	-0.6512	0.7935	1.4447	0.8641	86.41
51	30073	0.0838	0.073	0.3624	-0.6071	0.813	1.4201	0.8679	86.79
52	34146	0.0835	0.0801	0.3573	-0.6082	0.8135	1.4217	0.8719	87.19
53	32608	0.0812	0.0757	0.3649	-0.6113	0.7992	1.4105	0.866	86.6
54	31316	0.0759	0.071	0.3613	-0.6233	0.7878	1.4111	0.8688	86.88
55	19341	0.0742	0.0705	0.3802	-0.6754	0.8304	1.5058	0.8535	85.35
56	28378	0.0736	0.0734	0.3702	-0.6472	0.7994	1.4467	0.8618	86.18
57	23729	0.0716	0.0644	0.4502	-0.8048	0.9739	1.7787	0.787	78.7
58	32206	0.0668	0.0666	0.4134	-0.7453	0.8744	1.6197	0.824	82.4
59	31723	0.0603	0.0642	0.3904	-0.7124	0.8092	1.5216	0.8448	84.48
60	34114	0.05	0.0472	0.3569	-0.649	0.7551	1.4041	0.8722	87.22
61	38914	0.0458	0.0437	0.4073	-0.7339	0.8647	1.5986	0.8297	82.97
62	27509	0.0436	0.0419	0.3677	-0.6678	0.7763	1.4441	0.8638	86.38
63	38835	0.0366	0.0358	0.3814	-0.7111	0.7673	1.4783	0.8526	85.26
64	29151	0.0319	0.0269	0.362	-0.6673	0.7648	1.4321	0.8683	86.83
65	30647	0.0117	0.0157	0.5074	-1.0071	1.0349	2.0421	0.7186	71.86

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	34218	-0.0001	0.0037	0.3708	-0.7392	0.7424	1.4815	0.8613	86.13
67	35257	-0.0023	-0.0006	0.3631	-0.7375	0.7149	1.4524	0.8674	86.74
68	32658	-0.0029	-0.0038	0.4998	-1.0255	0.9879	2.0134	0.7286	72.86
69	31629	-0.0037	-0.0045	0.3659	-0.7307	0.7285	1.4591	0.8652	86.52
70	39465	-0.0052	-0.0096	0.3594	-0.7155	0.7287	1.4442	0.8703	87.03
71	28494	-0.0096	-0.0084	0.3549	-0.707	0.688	1.3949	0.8738	87.38
72	29215	-0.0136	-0.0124	0.358	-0.724	0.7065	1.4305	0.8714	87.14
73	36043	-0.035	-0.0267	0.4076	-0.8557	0.7588	1.6146	0.8294	82.94
74	32410	-0.0385	-0.0335	0.3598	-0.7384	0.6594	1.3977	0.87	87
75	32072	-0.0486	-0.0488	0.3646	-0.7705	0.6713	1.4419	0.8662	86.62
76	31432	-0.0525	-0.0552	0.3684	-0.7745	0.6869	1.4614	0.8632	86.32
77	39377	-0.0538	-0.0589	0.3633	-0.7786	0.6673	1.446	0.8672	86.72
78	31431	-0.0569	-0.0535	0.3701	-0.7704	0.6732	1.4435	0.8618	86.18
79	34004	-0.0571	-0.0526	0.3595	-0.7781	0.6471	1.4252	0.8702	87.02
80	31430	-0.0579	-0.0545	0.3615	-0.7623	0.6526	1.4149	0.8687	86.87
81	31427	-0.058	-0.0613	0.3651	-0.7836	0.6642	1.4477	0.8658	86.58
82	34236	-0.0631	-0.0608	0.3635	-0.79	0.6445	1.4345	0.8671	86.71
83	33203	-0.0728	-0.0687	0.4482	-0.9691	0.8175	1.7866	0.7891	78.91
84	33047	-0.074	-0.0753	0.3689	-0.7934	0.6477	1.4411	0.8628	86.28
85	34005	-0.0861	-0.086	0.3599	-0.8008	0.6166	1.4173	0.8699	86.99
86	38547	-0.0899	-0.0933	0.3727	-0.8241	0.646	1.4701	0.8597	85.97
87	32050	-0.0933	-0.0962	0.3889	-0.8529	0.6696	1.5225	0.8461	84.61
88	39042	-0.1005	-0.1015	0.3642	-0.8257	0.6163	1.442	0.8665	86.65
89	32997	-0.1215	-0.12	0.3668	-0.8573	0.5999	1.4572	0.8645	86.45
90	38879	-0.1235	-0.1159	0.4015	-0.9438	0.6542	1.598	0.835	83.5
91	32460	-0.1243	-0.1142	0.3691	-0.867	0.5881	1.455	0.8626	86.26
92	19044	-0.1297	-0.1227	0.3868	-0.8883	0.6461	1.5345	0.848	84.8
93	29636	-0.1316	-0.1358	0.3661	-0.837	0.5806	1.4176	0.865	86.5
94	38896	-0.1381	-0.1359	0.3644	-0.8552	0.5702	1.4254	0.8664	86.64
95	34728	-0.1392	-0.1369	0.3614	-0.8626	0.562	1.4247	0.8687	86.87
96	39571	-0.1453	-0.1384	0.3835	-0.8995	0.6057	1.5052	0.8507	85.07
97	30603	-0.1494	-0.1437	0.3914	-0.9262	0.596	1.5223	0.844	84.4
98	32328	-0.18	-0.1694	0.3833	-0.9278	0.5747	1.5025	0.8509	85.09
99	38939	-0.181	-0.1737	0.3655	-0.9119	0.5234	1.4352	0.8655	86.55
100	30982	-0.1822	-0.1787	0.3668	-0.9237	0.5358	1.4595	0.8645	86.45

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	34283	-0.1869	-0.1865	0.3825	-0.9456	0.5596	1.5053	0.8516	85.16
102	34729	-0.1968	-0.1945	0.3827	-0.9584	0.543	1.5014	0.8514	85.14
103	32505	-0.1982	-0.1947	0.3813	-0.9682	0.5461	1.5143	0.8526	85.26
104	31914	-0.202	-0.1934	0.3797	-0.9633	0.5273	1.4905	0.8539	85.39
105	32878	-0.2028	-0.2025	0.3839	-0.9667	0.5541	1.5208	0.8504	85.04
106	32604	-0.2041	-0.1983	0.3848	-0.9627	0.5393	1.502	0.8497	84.97
107	38600	-0.2055	-0.2013	0.3725	-0.948	0.5119	1.4599	0.8598	85.98
108	33191	-0.2073	-0.1977	0.43	-1.0728	0.6102	1.683	0.8079	80.79
109	32859	-0.2129	-0.2106	0.3766	-0.9568	0.5292	1.486	0.8566	85.66
110	20548	-0.2166	-0.1986	0.4155	-1.0543	0.5727	1.627	0.822	82.2
111	31515	-0.2191	-0.2164	0.3751	-0.9324	0.5217	1.4541	0.8578	85.78
112	29952	-0.2236	-0.2193	0.3623	-0.9429	0.4759	1.4188	0.868	86.8
113	39296	-0.2267	-0.2174	0.3969	-1.0081	0.5472	1.5553	0.8391	83.91
114	32499	-0.2283	-0.2234	0.4295	-1.086	0.5954	1.6814	0.8084	80.84
115	27301	-0.2321	-0.2334	0.33	-0.8846	0.4067	1.2913	0.8919	89.19
116	31630	-0.2359	-0.2233	0.3779	-1.0105	0.4855	1.496	0.8554	85.54
117	31004	-0.2427	-0.2389	0.3861	-0.9902	0.4979	1.4881	0.8485	84.85
118	39440	-0.2486	-0.2335	0.3701	-1.0081	0.4553	1.4634	0.8618	86.18
119	32928	-0.2619	-0.257	0.3745	-1.0039	0.4539	1.4577	0.8583	85.83
120	39081	-0.2649	-0.258	0.4037	-1.0772	0.4924	1.5696	0.833	83.3
121	33945	-0.2716	-0.2637	0.3787	-1.0271	0.441	1.468	0.8548	85.48
122	27836	-0.2752	-0.2547	0.4225	-1.1381	0.5184	1.6565	0.8153	81.53
123	30206	-0.2763	-0.2706	0.3602	-0.9961	0.4221	1.4182	0.8696	86.96
124	34094	-0.2904	-0.2841	0.3686	-1.0465	0.4151	1.4616	0.863	86.3
125	38648	-0.3554	-0.338	0.3908	-1.1546	0.3877	1.5423	0.8445	84.45
126	17965	-0.3775	-0.3658	0.4154	-1.2363	0.3978	1.6341	0.8222	82.22
127	30869	-0.3835	-0.3784	0.4048	-1.2107	0.3701	1.5808	0.832	83.2
128	34084	-0.3892	-0.3852	0.3829	-1.1423	0.3432	1.4855	0.8513	85.13
129	35186	-0.404	-0.3933	0.3956	-1.1859	0.3466	1.5326	0.8403	84.03
130	27378	-0.4443	-0.4384	0.4016	-1.252	0.3063	1.5583	0.8349	83.49
131	35375	-0.4451	-0.4261	0.3968	-1.2579	0.3081	1.566	0.8392	83.92
132	33809	-0.47	-0.4574	0.4152	-1.324	0.2879	1.6119	0.8223	82.23
133	29257	-0.4916	-0.4791	0.3937	-1.2877	0.2449	1.5326	0.8419	84.19
134	32542	-0.5089	-0.495	0.4195	-1.3615	0.2879	1.6494	0.8182	81.82
135	27883	-0.5118	-0.4997	0.4083	-1.3204	0.2502	1.5706	0.8288	82.88

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	31111	-0.5173	-0.5055	0.4106	-1.3614	0.2442	1.6056	0.8266	82.66
137	30891	-0.527	-0.5196	0.4114	-1.3423	0.2401	1.5823	0.8259	82.59
138	31425	-0.556	-0.5467	0.4083	-1.3716	0.2117	1.5833	0.8288	82.88
139	40632	-0.5608	-0.5595	0.4134	-1.3667	0.2524	1.6192	0.824	82.4
140	31541	-0.5625	-0.5598	0.425	-1.4132	0.2424	1.6556	0.8128	81.28
141	32504	-0.6111	-0.601	0.4416	-1.4745	0.2307	1.7052	0.7961	79.61
142	34731	-0.6209	-0.6133	0.4188	-1.4535	0.174	1.6275	0.8189	81.89
143	30788	-0.8008	-0.7911	0.4907	-1.776	0.1143	1.8903	0.7401	74.01
144	39376	-1.1243	-1.1303	0.5218	-2.1443	-0.1546	1.9897	0.699	69.9

MT

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	33889	0.8481	0.8192	0.5086	-0.0624	1.8973	1.9597	0.7333	73.33
2	31717	0.8356	0.8075	0.5036	-0.0846	1.8623	1.9469	0.7393	73.93
3	28324	0.8159	0.7956	0.4681	-0.0569	1.7789	1.8358	0.7799	77.99
4	38896	0.6549	0.6199	0.4916	-0.2118	1.707	1.9188	0.7536	75.36
5	30485	0.596	0.5651	0.4861	-0.2556	1.5972	1.8528	0.76	76
6	32878	0.5684	0.537	0.4789	-0.3011	1.5634	1.8645	0.7681	76.81
7	38553	0.5061	0.4838	0.4637	-0.3306	1.477	1.8077	0.7847	78.47
8	30043	0.4959	0.4722	0.4536	-0.3346	1.4453	1.7799	0.7951	79.51
9	31723	0.447	0.4335	0.4308	-0.3564	1.2939	1.6503	0.8174	81.74
10	34303	0.4459	0.4249	0.4446	-0.3496	1.3659	1.7155	0.8041	80.41
11	33333	0.4114	0.3866	0.4318	-0.3646	1.3117	1.6763	0.8165	81.65
12	33331	0.4035	0.3744	0.4378	-0.3776	1.3189	1.6965	0.8108	81.08
13	39662	0.3987	0.3749	0.4371	-0.3811	1.318	1.6991	0.8114	81.14
14	32608	0.3779	0.3582	0.4397	-0.4174	1.2983	1.7157	0.8089	80.89
15	39465	0.3764	0.3513	0.4272	-0.4111	1.2614	1.6725	0.8208	82.08
16	39779	0.3566	0.3341	0.4596	-0.5077	1.3165	1.8242	0.789	78.9
17	20131	0.3375	0.3187	0.428	-0.4657	1.21	1.6757	0.8201	82.01
18	31742	0.3365	0.314	0.4317	-0.4579	1.2384	1.6963	0.8166	81.66
19	30790	0.3364	0.3123	0.4395	-0.4505	1.2635	1.714	0.8091	80.91
20	35047	0.3354	0.3173	0.4228	-0.4561	1.1748	1.6309	0.8249	82.49
21	34089	0.3302	0.3126	0.4216	-0.4428	1.1964	1.6392	0.826	82.6
22	34146	0.3101	0.2928	0.4178	-0.4806	1.1612	1.6418	0.8295	82.95
23	35257	0.2884	0.2723	0.4213	-0.5088	1.1573	1.6662	0.8263	82.63
24	31316	0.278	0.2589	0.418	-0.5074	1.1226	1.63	0.8292	82.92
25	30073	0.2751	0.2618	0.4195	-0.513	1.1235	1.6364	0.8279	82.79
26	39482	0.2699	0.2615	0.4135	-0.5345	1.1228	1.6573	0.8333	83.33
27	33814	0.2647	0.2476	0.4121	-0.5092	1.1154	1.6246	0.8345	83.45
28	32859	0.2587	0.25	0.4253	-0.5298	1.1161	1.6459	0.8225	82.25
29	34114	0.2539	0.2413	0.3978	-0.4875	1.0829	1.5704	0.8468	84.68
30	38603	0.2354	0.2219	0.417	-0.5537	1.108	1.6616	0.8301	83.01

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	23729	0.2306	0.2033	0.4736	-0.6731	1.2274	1.9005	0.7739	77.39
32	33988	0.2281	0.2175	0.4006	-0.5417	1.0654	1.607	0.8445	84.45
33	30634	0.2252	0.2133	0.4029	-0.5407	1.0515	1.5922	0.8425	84.25
34	34005	0.2247	0.2152	0.4026	-0.5493	1.0342	1.5835	0.8427	84.27
35	38939	0.215	0.2029	0.4078	-0.5567	1.0389	1.5956	0.8383	83.83
36	36112	0.2062	0.1947	0.4608	-0.6517	1.1728	1.8244	0.7876	78.76
37	32460	0.202	0.1936	0.4061	-0.5599	1.0333	1.5932	0.8398	83.98
38	38569	0.182	0.1784	0.4084	-0.6099	0.9958	1.6057	0.8378	83.78
39	39472	0.177	0.1689	0.4039	-0.5872	0.9994	1.5866	0.8417	84.17
40	39022	0.1757	0.1775	0.3981	-0.5766	0.9904	1.5669	0.8465	84.65
41	29369	0.1752	0.1669	0.4025	-0.6161	0.9793	1.5954	0.8428	84.28
42	31432	0.173	0.1616	0.4059	-0.6116	1.0145	1.626	0.8399	83.99
43	28680	0.1691	0.1567	0.4022	-0.6096	0.9981	1.6078	0.8431	84.31
44	38669	0.1669	0.1597	0.3975	-0.6167	0.9603	1.577	0.8471	84.71
45	31427	0.1668	0.1488	0.3969	-0.5757	0.9965	1.5723	0.8476	84.76
46	31430	0.1573	0.148	0.3897	-0.6057	0.9513	1.557	0.8535	85.35
47	30603	0.1541	0.1387	0.4352	-0.6727	1.0229	1.6956	0.8133	81.33
48	38879	0.1508	0.1404	0.4432	-0.7085	1.0582	1.7667	0.8055	80.55
49	31425	0.1424	0.1401	0.391	-0.622	0.9395	1.5615	0.8525	85.25
50	34283	0.1388	0.1278	0.4297	-0.7063	1.0027	1.709	0.8185	81.85
51	28378	0.1385	0.1344	0.4073	-0.6639	0.9556	1.6196	0.8387	83.87
52	32334	0.1349	0.1277	0.4095	-0.6572	0.9745	1.6316	0.8368	83.68
53	27937	0.1207	0.1171	0.4026	-0.6716	0.9203	1.592	0.8428	84.28
54	38547	0.1191	0.1101	0.3975	-0.6531	0.9374	1.5905	0.8471	84.71
55	30206	0.103	0.0906	0.3851	-0.6319	0.8736	1.5055	0.8573	85.73
56	27301	0.1002	0.0969	0.3653	-0.6251	0.8383	1.4634	0.8726	87.26
57	31980	0.0993	0.102	0.4029	-0.7065	0.9106	1.617	0.8425	84.25
58	29236	0.0977	0.0946	0.402	-0.713	0.9089	1.6219	0.8433	84.33
59	19145	0.0958	0.0901	0.4016	-0.678	0.8915	1.5696	0.8437	84.37
60	38941	0.093	0.088	0.393	-0.6589	0.8856	1.5446	0.8508	85.08
61	29151	0.0908	0.0811	0.3995	-0.6803	0.9072	1.5875	0.8454	84.54
62	27509	0.0885	0.0865	0.4033	-0.6921	0.9	1.5921	0.8421	84.21
63	31630	0.088	0.0909	0.407	-0.7186	0.9054	1.624	0.839	83.9
64	27378	0.0774	0.0733	0.3968	-0.6846	0.8721	1.5567	0.8477	84.77
65	31854	0.0744	0.0714	0.4271	-0.7776	0.9207	1.6982	0.821	82.1

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	31724	0.0606	0.0592	0.413	-0.7811	0.8723	1.6533	0.8337	83.37
67	32499	0.0445	0.0385	0.4635	-0.8486	0.9722	1.8208	0.7848	78.48
68	27211	0.0405	0.0348	0.4073	-0.7619	0.8434	1.6054	0.8387	83.87
69	34094	0.0365	0.0313	0.3998	-0.75	0.8263	1.5763	0.8452	84.52
70	39440	0.0298	0.0348	0.3926	-0.7495	0.8154	1.5649	0.8512	85.12
71	33191	0.0159	0.0154	0.4516	-0.8727	0.9137	1.7864	0.7972	79.72
72	29910	0.0057	0.0013	0.3987	-0.8022	0.7713	1.5735	0.8461	84.61
73	33168	0.0048	0.0052	0.4037	-0.7884	0.8015	1.5899	0.8418	84.18
74	30647	-0.0021	-0.0056	0.5165	-1.0391	1.043	2.0822	0.7232	72.32
75	32658	-0.006	0.0007	0.5216	-1.0641	1.0336	2.0977	0.7167	71.67
76	36043	-0.0128	-0.0079	0.4347	-0.8863	0.84	1.7263	0.8138	81.38
77	28278	-0.0149	-0.0212	0.395	-0.756	0.7961	1.5521	0.8492	84.92
78	31914	-0.0265	-0.0231	0.4042	-0.8298	0.7997	1.6295	0.8414	84.14
79	31535	-0.0317	-0.0291	0.4518	-0.9412	0.849	1.7902	0.797	79.7
80	35186	-0.0512	-0.0521	0.4045	-0.8394	0.7411	1.5805	0.8411	84.11
81	32206	-0.0684	-0.0627	0.4349	-0.951	0.802	1.7529	0.8136	81.36
82	31440	-0.0831	-0.0811	0.4011	-0.8957	0.6868	1.5825	0.844	84.4
83	32505	-0.0946	-0.0833	0.4232	-0.9335	0.7472	1.6807	0.8245	82.45
84	32504	-0.0999	-0.0958	0.4285	-0.9721	0.7226	1.6947	0.8196	81.96
85	32398	-0.1034	-0.1031	0.4171	-0.9301	0.713	1.6432	0.8301	83.01
86	31629	-0.1034	-0.0998	0.3967	-0.9134	0.6623	1.5758	0.8477	84.77
87	38914	-0.1035	-0.0935	0.4343	-0.9738	0.746	1.7198	0.8141	81.41
88	34729	-0.1094	-0.1041	0.4093	-0.9134	0.6992	1.6126	0.837	83.7
89	30869	-0.1101	-0.1036	0.4095	-0.9416	0.7016	1.6432	0.8368	83.68
90	17965	-0.112	-0.1066	0.4213	-0.9742	0.7034	1.6776	0.8263	82.63
91	31515	-0.1153	-0.1111	0.4243	-0.9764	0.707	1.6834	0.8235	82.35
92	33945	-0.1221	-0.1202	0.3989	-0.9153	0.65	1.5653	0.8459	84.59
93	19341	-0.1253	-0.1217	0.4036	-0.9319	0.6503	1.5822	0.8419	84.19
94	32928	-0.1267	-0.1196	0.4	-0.9509	0.6451	1.5961	0.845	84.5
95	34236	-0.1269	-0.114	0.401	-0.9284	0.637	1.5654	0.8441	84.41
96	33812	-0.1298	-0.1248	0.3969	-0.9303	0.6373	1.5676	0.8476	84.76
97	34004	-0.1332	-0.1276	0.3982	-0.9405	0.6239	1.5645	0.8465	84.65
98	39377	-0.1335	-0.1257	0.3987	-0.9244	0.6614	1.5858	0.8461	84.61
99	34731	-0.1379	-0.1261	0.3909	-0.9172	0.621	1.5382	0.8526	85.26
100	20548	-0.147	-0.137	0.447	-1.0559	0.7212	1.7772	0.8018	80.18

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	31111	-0.1555	-0.1409	0.4058	-1.0032	0.6339	1.6371	0.84	84
102	39042	-0.1725	-0.1622	0.4047	-0.994	0.6114	1.6054	0.8409	84.09
103	40632	-0.1734	-0.1623	0.4272	-1.0258	0.6443	1.6701	0.8208	82.08
104	38835	-0.1834	-0.1842	0.4104	-0.9771	0.5888	1.5659	0.836	83.6
105	29215	-0.1835	-0.1703	0.3987	-1.0176	0.5466	1.5642	0.8461	84.61
106	34218	-0.1916	-0.1823	0.4164	-1.0339	0.6178	1.6516	0.8307	83.07
107	32410	-0.1958	-0.1884	0.396	-1.0008	0.5617	1.5624	0.8483	84.83
108	35279	-0.1993	-0.1844	0.4156	-1.071	0.6213	1.6923	0.8314	83.14
109	38648	-0.212	-0.2053	0.4099	-1.0445	0.6135	1.658	0.8364	83.64
110	28494	-0.2165	-0.2165	0.3963	-1.0259	0.5457	1.5716	0.8481	84.81
111	33203	-0.2207	-0.1916	0.4764	-1.196	0.6603	1.8563	0.771	77.1
112	32072	-0.2224	-0.2125	0.4081	-1.05	0.5604	1.6103	0.838	83.8
113	29952	-0.2264	-0.2133	0.3969	-1.0405	0.5172	1.5578	0.8476	84.76
114	27239	-0.2302	-0.2161	0.4048	-1.0792	0.5295	1.6088	0.8409	84.09
115	30891	-0.2303	-0.2227	0.4139	-1.0636	0.5625	1.6261	0.833	83.3
116	33809	-0.232	-0.2149	0.4187	-1.0735	0.5592	1.6327	0.8286	82.86
117	29444	-0.2389	-0.2304	0.3936	-1.0384	0.4924	1.5308	0.8504	85.04
118	19044	-0.2554	-0.2507	0.4197	-1.1225	0.5431	1.6656	0.8278	82.78
119	39081	-0.2614	-0.2515	0.4308	-1.1365	0.5672	1.7037	0.8174	81.74
120	33047	-0.2619	-0.2513	0.4169	-1.1136	0.5317	1.6453	0.8302	83.02
121	32542	-0.2669	-0.2416	0.4183	-1.144	0.4999	1.6439	0.829	82.9
122	32604	-0.2682	-0.2588	0.4244	-1.1454	0.5796	1.725	0.8234	82.34
123	29636	-0.286	-0.2631	0.4122	-1.1199	0.4965	1.6163	0.8344	83.44
124	39571	-0.3375	-0.3204	0.4403	-1.2136	0.4957	1.7093	0.8084	80.84
125	40635	-0.3507	-0.3263	0.4254	-1.2097	0.4235	1.6331	0.8225	82.25
126	27836	-0.3672	-0.3383	0.4675	-1.3339	0.4926	1.8265	0.7806	78.06
127	32050	-0.3974	-0.3759	0.4516	-1.3222	0.4277	1.7499	0.7972	79.72
128	39296	-0.4032	-0.3847	0.4446	-1.3136	0.4433	1.7568	0.8041	80.41
129	32328	-0.4084	-0.3853	0.4398	-1.3205	0.4024	1.7229	0.8088	80.88
130	27883	-0.4504	-0.4196	0.4457	-1.3733	0.3517	1.7249	0.803	80.3
131	35375	-0.4787	-0.4503	0.4539	-1.425	0.3276	1.7527	0.7948	79.48
132	34084	-0.4817	-0.4586	0.45	-1.4414	0.3122	1.7536	0.7987	79.87
133	30788	-0.4994	-0.4678	0.485	-1.5159	0.3867	1.9026	0.7612	76.12
134	29257	-0.5032	-0.4704	0.4525	-1.4374	0.2916	1.729	0.7962	79.62
135	34728	-0.5286	-0.5049	0.4584	-1.4743	0.3165	1.7909	0.7902	79.02

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31004	-0.5318	-0.5121	0.4851	-1.5329	0.3526	1.8854	0.7612	76.12
137	31549	-0.5351	-0.5005	0.4638	-1.5223	0.2914	1.8137	0.7845	78.45
138	34732	-0.5374	-0.5201	0.4644	-1.5129	0.3148	1.8277	0.7839	78.39
139	30982	-0.5414	-0.5136	0.4659	-1.5235	0.2989	1.8224	0.7823	78.23
140	39376	-0.5533	-0.5273	0.4542	-1.4986	0.263	1.7616	0.7945	79.45
141	32997	-0.5898	-0.5606	0.4699	-1.5605	0.2702	1.8307	0.7779	77.79
142	31541	-0.5947	-0.5602	0.475	-1.5982	0.2509	1.8491	0.7724	77.24
143	38600	-0.6101	-0.5799	0.4723	-1.6002	0.2292	1.8294	0.7754	77.54
144	31431	-0.6324	-0.5929	0.4794	-1.6576	0.2266	1.8842	0.7675	76.75

BIA

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	30603	6.1107	5.7415	4.622	-0.3941	14.3419	14.7359	0	0
2	30788	4.9068	4.661	3.8044	-0.5036	11.7557	12.2593	0	0
3	19341	4.3287	3.6341	3.7719	-0.7482	11.6279	12.3761	0	0
4	38553	4.0668	3.412	3.5855	-0.7519	10.9667	11.7186	0.2462	24.62
5	19044	3.5939	3.4156	2.8963	-0.6344	8.9983	9.6327	0.6221	62.21
6	27239	3.2093	3.1097	2.5597	-0.7029	8.1363	8.8393	0.722	72.2
7	20131	3.097	2.6035	2.871	-0.9857	8.7313	9.717	0.6307	63.07
8	38547	2.9131	2.4302	2.7814	-1.0593	8.3916	9.4509	0.6593	65.93
9	20548	2.8307	2.318	2.7479	-1.1329	8.2878	9.4207	0.6695	66.95
10	31430	2.6552	2.103	2.678	-1.1895	8.0024	9.1919	0.6899	68.99
11	30982	2.65	2.2002	2.5702	-1.0287	7.6828	8.7115	0.7192	71.92
12	30869	2.5894	2.1542	2.621	-1.2829	7.7556	9.0385	0.7057	70.57
13	33047	2.4701	2.0943	2.5221	-1.287	7.3908	8.6778	0.7316	73.16
14	33203	2.4212	1.9384	2.4991	-1.3915	7.4187	8.8102	0.7373	73.73
15	32410	2.2186	1.7558	2.3737	-1.2832	7.0187	8.302	0.767	76.7
16	33812	2.199	1.8397	2.3416	-1.4405	6.8351	8.2756	0.7742	77.42
17	34729	1.7882	1.3666	2.2657	-2.0292	6.3599	8.3891	0.7905	79.05
18	23729	1.6978	1.2938	2.1563	-1.7481	6.353	8.1011	0.8126	81.26
19	33814	1.5562	1.2385	2.035	-1.83	5.7338	7.5639	0.8351	83.51
20	32398	1.4912	1.2929	1.8501	-1.8213	5.3505	7.1718	0.866	86.6
21	27301	1.4809	0.8956	2.27	-1.9389	6.8462	8.7851	0.7896	78.96
22	38648	1.4631	1.1828	1.9356	-1.8071	5.5275	7.3347	0.8522	85.22
23	32460	1.411	1.118	1.9547	-1.9851	5.4186	7.4037	0.849	84.9
24	34084	1.37	1.0802	1.9135	-2.0842	5.3403	7.4245	0.8558	85.58
25	34728	1.3523	1.0259	1.9352	-1.9793	5.3503	7.3296	0.8523	85.23
26	27937	1.2825	0.9876	1.8882	-2.0314	5.2607	7.2921	0.8599	85.99
27	31004	1.2381	1.0174	1.8984	-2.1515	5.1979	7.3495	0.8583	85.83
28	38835	1.1918	0.985	1.8782	-2.4156	4.908	7.3236	0.8615	86.15
29	29257	1.1496	0.8864	1.8076	-2.1099	4.8083	6.9182	0.8725	87.25
30	28378	1.0857	0.8689	1.8173	-2.2269	4.8773	7.1042	0.871	87.1

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	34005	1.0303	0.807	1.822	-2.3501	4.8846	7.2347	0.8703	87.03
32	29636	0.988	0.7547	1.7662	-2.257	4.731	6.9879	0.8787	87.87
33	32334	0.9729	0.7263	1.8243	-2.4464	4.8838	7.3302	0.87	87
34	32072	0.9701	0.7129	1.7614	-2.2833	4.7016	6.9849	0.8794	87.94
35	32878	0.9486	0.7887	1.811	-2.4892	4.8391	7.3282	0.872	87.2
36	32928	0.936	0.7129	1.7498	-2.241	4.5447	6.7857	0.8811	88.11
37	31432	0.8805	0.6986	1.708	-2.2813	4.4711	6.7524	0.887	88.7
38	35047	0.8507	0.6452	1.7517	-2.4353	4.5911	7.0264	0.8808	88.08
39	38914	0.8245	0.6511	1.7496	-2.5493	4.4965	7.0457	0.8811	88.11
40	31431	0.8233	0.6405	1.743	-2.6005	4.5461	7.1466	0.882	88.2
41	38569	0.797	0.6343	1.6813	-2.3739	4.517	6.8908	0.8908	89.08
42	36043	0.7557	0.5693	1.6818	-2.344	4.2604	6.6044	0.8907	89.07
43	30634	0.7242	0.5687	1.6807	-2.4702	4.2414	6.7116	0.8908	89.08
44	39482	0.6737	0.5003	1.6854	-2.5121	4.2486	6.7607	0.8902	89.02
45	34218	0.5759	0.4137	1.6754	-2.6355	4.1412	6.7766	0.8916	89.16
46	34146	0.5513	0.3919	1.6879	-2.6232	4.1484	6.7716	0.8898	88.98
47	32604	0.4732	0.3599	1.6948	-2.8853	3.9988	6.8842	0.8889	88.89
48	31427	0.4722	0.3487	1.6182	-2.7505	3.8842	6.6347	0.8993	89.93
49	38896	0.419	0.3165	1.6664	-2.9062	3.9819	6.8881	0.8928	89.28
50	31316	0.4149	0.323	1.6137	-2.8262	3.7758	6.602	0.8998	89.98
51	39376	0.3449	0.2576	1.6059	-2.9055	3.7593	6.6647	0.9009	90.09
52	34004	0.3375	0.2628	1.5959	-2.9371	3.7075	6.6446	0.9022	90.22
53	31425	0.332	0.2643	1.5965	-2.9118	3.6835	6.5953	0.9021	90.21
54	30043	0.2737	0.2057	1.6194	-3.1315	3.6446	6.7761	0.8991	89.91
55	38879	0.2614	0.1977	1.59	-2.9826	3.585	6.5676	0.9029	90.29
56	27836	0.2373	0.1765	1.5988	-2.987	3.6089	6.5959	0.9018	90.18
57	30790	0.198	0.1724	1.5885	-3.0951	3.4414	6.5365	0.9031	90.31
58	36112	0.1961	0.1111	1.633	-3.0607	3.6918	6.7525	0.8973	89.73
59	32328	0.1809	0.1363	1.5738	-3.0176	3.4815	6.4991	0.905	90.5
60	31854	0.1116	0.1001	1.59	-3.1705	3.3915	6.562	0.9029	90.29
61	31914	0.1037	0.0896	1.6038	-3.2017	3.4593	6.661	0.9011	90.11
62	39440	0.0943	0.0632	1.5778	-3.2302	3.389	6.6193	0.9045	90.45
63	39296	0.0887	0.0897	1.6673	-3.4131	3.5642	6.9774	0.8927	89.27
64	38941	0.0662	0.0804	1.5547	-3.1879	3.2881	6.4761	0.9074	90.74
65	30891	0.0462	0.0612	1.5966	-3.3362	3.3509	6.6871	0.9021	90.21

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	33945	-0.0258	-0.0008	1.619	-3.4683	3.2326	6.7009	0.8991	89.91
67	40635	-0.0431	-0.03	1.6055	-3.442	3.2572	6.6993	0.9009	90.09
68	39377	-0.0694	-0.0262	1.613	-3.4991	3.2713	6.7704	0.8999	89.99
69	34283	-0.1203	-0.0775	1.6368	-3.5386	3.2673	6.806	0.8968	89.68
70	34114	-0.1805	-0.1241	1.5753	-3.596	3.0316	6.6276	0.9048	90.48
71	33809	-0.1859	-0.1519	1.6086	-3.573	3.1201	6.6931	0.9005	90.05
72	33988	-0.2232	-0.1821	1.5614	-3.5169	2.8787	6.3956	0.9066	90.66
73	32499	-0.2248	-0.1726	1.7119	-3.7546	3.2504	7.005	0.8865	88.65
74	28494	-0.233	-0.1758	1.6393	-3.6039	3.0521	6.656	0.8965	89.65
75	33333	-0.2343	-0.1825	1.6217	-3.6365	3.1716	6.8081	0.8988	89.88
76	31111	-0.2507	-0.1955	1.5907	-3.6664	2.9452	6.6115	0.9028	90.28
77	40632	-0.2764	-0.244	1.6699	-3.81	3.1855	6.9955	0.8923	89.23
78	39472	-0.3198	-0.2328	1.6131	-3.8184	2.8554	6.6738	0.8999	89.99
79	39779	-0.3987	-0.283	1.6634	-3.8609	2.8777	6.7386	0.8932	89.32
80	33191	-0.4178	-0.3354	1.6443	-3.8465	2.9656	6.8121	0.8958	89.58
81	33331	-0.4191	-0.3246	1.644	-3.9118	2.9746	6.8863	0.8958	89.58
82	34094	-0.4329	-0.3292	1.5988	-3.9855	2.7232	6.7087	0.9018	90.18
83	29215	-0.4709	-0.3433	1.6241	-3.8979	2.7623	6.6602	0.8985	89.85
84	39081	-0.499	-0.4048	1.6627	-4.1243	2.8357	6.96	0.8933	89.33
85	35375	-0.5588	-0.4266	1.6772	-4.1209	2.7711	6.892	0.8913	89.13
86	32608	-0.5638	-0.4483	1.6619	-4.1241	2.6694	6.7935	0.8934	89.34
87	39571	-0.6052	-0.4679	1.717	-4.23	2.7155	6.9454	0.8858	88.58
88	39465	-0.6288	-0.4968	1.6437	-4.1107	2.5742	6.6849	0.8959	89.59
89	38939	-0.6371	-0.4716	1.6909	-4.2037	2.5543	6.758	0.8894	88.94
90	33168	-0.6655	-0.5011	1.6866	-4.2868	2.5539	6.8407	0.89	89
91	30647	-0.6662	-0.4867	1.7433	-4.2977	2.815	7.1127	0.882	88.2
92	29151	-0.7301	-0.5524	1.5986	-4.2342	2.1824	6.4166	0.9018	90.18
93	39662	-0.7868	-0.572	1.7094	-4.4261	2.4794	6.9055	0.8868	88.68
94	32505	-0.7891	-0.6307	1.8064	-4.6168	2.694	7.3108	0.8727	87.27
95	27883	-0.8165	-0.5963	1.7071	-4.4785	2.2766	6.7551	0.8872	88.72
96	35257	-0.8395	-0.6762	1.7241	-4.4389	2.3671	6.806	0.8848	88.48
97	30485	-0.8491	-0.6468	1.7373	-4.4848	2.4592	6.944	0.8829	88.29
98	27378	-0.8526	-0.6402	1.7513	-4.5918	2.4853	7.0772	0.8808	88.08
99	32997	-0.887	-0.693	1.7103	-4.6335	2.2446	6.8781	0.8867	88.67
100	31742	-0.888	-0.6878	1.7438	-4.6084	2.2882	6.8965	0.8819	88.19

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	31629	-0.9019	-0.6789	1.7268	-4.6054	2.2854	6.8908	0.8844	88.44
102	34303	-0.9292	-0.7005	1.7657	-4.6205	2.3715	6.992	0.8787	87.87
103	28278	-0.9368	-0.7207	1.7081	-4.6264	2.187	6.8134	0.887	88.7
104	32542	-0.9386	-0.7178	1.8037	-4.7267	2.4281	7.1547	0.8731	87.31
105	32658	-0.9401	-0.7255	1.7362	-4.5963	2.333	6.9293	0.883	88.3
106	34236	-0.9456	-0.7436	1.7807	-4.8463	2.3107	7.157	0.8765	87.65
107	39022	-0.9488	-0.7401	1.7094	-4.5976	2.1503	6.7478	0.8868	88.68
108	29369	-0.9639	-0.7355	1.7867	-4.7978	2.2488	7.0466	0.8756	87.56
109	31980	-1.0246	-0.7908	1.7777	-4.7982	2.114	6.9122	0.877	87.7
110	29444	-1.0252	-0.8111	1.8265	-4.8523	2.3087	7.161	0.8696	86.96
111	34731	-1.0864	-0.8405	1.7999	-4.8256	2.1985	7.0242	0.8737	87.37
112	31630	-1.0866	-0.883	1.8051	-4.7938	2.1765	6.9703	0.8729	87.29
113	34089	-1.0934	-0.8744	1.7862	-4.9023	2.1904	7.0927	0.8757	87.57
114	38669	-1.1068	-0.8911	1.7976	-4.7565	2.2101	6.9666	0.874	87.4
115	29952	-1.1334	-0.8983	1.8409	-4.9065	2.2151	7.1215	0.8674	86.74
116	17965	-1.1759	-0.8866	1.8978	-5.195	2.1555	7.3505	0.8584	85.84
117	29910	-1.191	-0.9512	1.846	-5.0315	2.1014	7.1329	0.8666	86.66
118	31724	-1.2395	-1.0533	1.7612	-5.0915	1.9658	7.0573	0.8794	87.94
119	38600	-1.2567	-0.9692	1.8122	-4.9409	1.8518	6.7927	0.8718	87.18
120	30206	-1.3	-0.9471	1.9823	-5.4124	2.0159	7.4283	0.8443	84.43
121	34732	-1.3015	-1.0535	1.8992	-5.2827	1.9405	7.2232	0.8582	85.82
122	31541	-1.3227	-1.0302	1.9164	-5.3079	1.9626	7.2705	0.8554	85.54
123	35279	-1.3697	-1.0587	1.8957	-5.3871	1.9072	7.2943	0.8587	85.87
124	31549	-1.4254	-1.1208	1.9327	-5.4771	1.8406	7.3177	0.8527	85.27
125	31717	-1.4586	-1.2606	1.859	-5.325	1.8193	7.1443	0.8646	86.46
126	35186	-1.6443	-1.287	2.0744	-5.9602	1.8127	7.773	0.828	82.8
127	38603	-1.6501	-1.2987	2.0871	-5.8938	1.8247	7.7184	0.8257	82.57
128	27211	-1.6658	-1.3379	2.0743	-6.0077	1.6898	7.6975	0.828	82.8
129	32050	-1.6708	-1.3797	2.101	-5.8801	1.8777	7.7578	0.8231	82.31
130	30073	-1.7461	-1.3779	2.1032	-6.1153	1.7164	7.8317	0.8227	82.27
131	31515	-1.8662	-1.4728	2.2778	-6.4653	1.7676	8.2329	0.788	78.8
132	19145	-1.9427	-1.5623	2.225	-6.4869	1.5708	8.0577	0.7989	79.89
133	31535	-1.9523	-1.5684	2.2794	-6.7132	1.6362	8.3494	0.7876	78.76
134	29236	-1.994	-1.5668	2.2491	-6.5862	1.4868	8.073	0.794	79.4
135	32859	-2.0246	-1.6238	2.3383	-6.7111	1.6758	8.3869	0.7749	77.49

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	28680	-2.2075	-1.7677	2.3707	-7.0893	1.3111	8.4004	0.7677	76.77
137	28324	-2.3714	-2.239	2.0363	-6.5116	0.8169	7.3285	0.8349	83.49
138	32504	-2.3986	-2.126	2.4036	-7.0799	1.397	8.4768	0.7602	76.02
139	32206	-2.6172	-2.1345	2.5815	-7.7411	1.1676	8.9087	0.7163	71.63
140	39042	-2.656	-2.1703	2.6204	-7.7979	1.098	8.8959	0.7059	70.59
141	31723	-2.707	-2.4561	2.4194	-7.4104	0.9806	8.391	0.7565	75.65
142	33889	-2.9454	-2.6453	2.5939	-7.8529	0.9256	8.7784	0.713	71.3
143	27509	-4.0623	-3.4463	3.6045	-11.0882	0.7987	11.8869	0.225	22.5
144	31440	-5.122	-4.3518	4.352	-13.3484	0.5782	13.9266	0	0

HA

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	28324	5.6372	5	4.3838	-0.2197	14.274	14.4938	0	0
2	31440	5.3534	4.4283	4.5319	-0.4317	14.0964	14.5281	0	0
3	31723	3.9027	3.7653	2.8986	-0.5507	9.1084	9.6591	0.5358	53.58
4	31717	3.138	3.0997	2.4367	-0.6724	7.6363	8.3087	0.7044	70.44
5	31724	3.0223	2.9793	2.3573	-0.7529	7.4655	8.2183	0.7269	72.69
6	30788	2.9968	2.6224	2.6867	-0.9643	8.0734	9.0377	0.6225	62.25
7	19145	2.6551	2.1112	2.6167	-1.0892	7.7535	8.8427	0.6473	64.73
8	29151	2.6221	2.1924	2.4834	-0.9946	7.5123	8.5069	0.6904	69.04
9	31914	2.5685	2.0583	2.5526	-1.1128	7.5736	8.6864	0.6686	66.86
10	31515	2.5476	2.1908	2.4034	-1.1858	7.2319	8.4177	0.714	71.4
11	31004	2.328	2.0324	2.2353	-1.166	6.614	7.78	0.7589	75.89
12	30982	2.2581	1.7715	2.3886	-1.3164	6.9186	8.235	0.7182	71.82
13	27509	2.2099	1.8007	2.3234	-1.3679	6.7676	8.1355	0.7361	73.61
14	29952	2.1416	1.6707	2.298	-1.3174	6.7693	8.0867	0.7429	74.29
15	38569	2.1048	1.6334	2.2607	-1.2314	6.7481	7.9795	0.7525	75.25
16	29444	2.0076	1.5757	2.2154	-1.3904	6.4177	7.8081	0.7639	76.39
17	31549	1.9941	1.5767	2.1861	-1.4143	6.4075	7.8218	0.771	77.1
18	32504	1.8995	1.6874	2.0151	-1.4637	6.0254	7.4891	0.8096	80.96
19	32499	1.7628	1.3876	2.1911	-1.817	6.1579	7.9749	0.7698	76.98
20	27937	1.7614	1.363	2.0934	-1.5607	5.9657	7.5264	0.7925	79.25
21	19044	1.729	1.5021	1.8492	-1.3164	5.4376	6.754	0.8425	84.25
22	32859	1.6658	1.4715	1.9038	-1.5527	5.5185	7.0712	0.8321	83.21
23	23729	1.6448	1.3003	1.9802	-1.5501	5.6261	7.1762	0.8168	81.68
24	30206	1.609	1.1363	2.1497	-1.7896	6.0192	7.8088	0.7796	77.96
25	32050	1.4658	1.2432	1.8212	-1.6602	5.2342	6.8943	0.8477	84.77
26	38669	1.3438	1.0066	1.8233	-1.719	5.1273	6.8463	0.8473	84.73
27	38547	1.3163	1.0354	1.8493	-1.8527	5.0601	6.9128	0.8425	84.25
28	31742	1.2784	1.014	1.8019	-1.8312	5.0896	6.9208	0.8512	85.12
29	27301	1.2327	1.1061	1.4758	-1.3186	4.3364	5.6549	0.9029	90.29
30	27836	1.1772	0.9337	1.7387	-1.9226	4.7389	6.6615	0.8623	86.23

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	39296	1.1585	0.8634	1.8483	-2.0878	4.9354	7.0232	0.8427	84.27
32	27211	1.1476	0.8971	1.7538	-1.9113	4.7056	6.6169	0.8596	85.96
33	32334	1.1364	0.8933	1.7569	-1.8464	4.7398	6.5862	0.8591	85.91
34	32604	1.1363	0.9453	1.761	-2.0347	4.829	6.8637	0.8584	85.84
35	28378	1.0673	0.8715	1.7087	-2.0929	4.6436	6.7365	0.8673	86.73
36	29910	1.0278	0.8125	1.7107	-2.0281	4.5813	6.6094	0.867	86.7
37	31980	0.9409	0.7372	1.6751	-2.0996	4.4599	6.5595	0.8729	87.29
38	32072	0.9378	0.7455	1.6487	-2.0913	4.3212	6.4125	0.8771	87.71
39	33809	0.9283	0.7679	1.6351	-2.1003	4.3509	6.4513	0.8793	87.93
40	30485	0.9245	0.7476	1.6413	-2.1291	4.2759	6.405	0.8783	87.83
41	19341	0.8857	0.7105	1.6056	-1.9846	4.2052	6.1898	0.8839	88.39
42	33168	0.8829	0.6934	1.6682	-2.1709	4.3293	6.5002	0.874	87.4
43	38553	0.8065	0.6225	1.6117	-2.225	4.2088	6.4338	0.8829	88.29
44	39042	0.8009	0.5958	1.6168	-2.1656	4.3443	6.5098	0.8821	88.21
45	29236	0.7892	0.6083	1.6029	-2.1408	4.1805	6.3213	0.8843	88.43
46	20131	0.6716	0.5472	1.5777	-2.38	3.9296	6.3097	0.8881	88.81
47	30790	0.6692	0.5223	1.5856	-2.42	3.956	6.3761	0.8869	88.69
48	31316	0.6601	0.519	1.5797	-2.4057	4.0264	6.4321	0.8878	88.78
49	30891	0.6551	0.4947	1.5932	-2.3223	4.0729	6.3952	0.8858	88.58
50	31535	0.6505	0.5134	1.6021	-2.4058	3.9799	6.3858	0.8844	88.44
51	34089	0.6468	0.5214	1.5618	-2.3731	3.8915	6.2646	0.8905	89.05
52	33331	0.6441	0.5275	1.5731	-2.3927	3.946	6.3387	0.8888	88.88
53	30647	0.6433	0.5179	1.5662	-2.3223	3.9482	6.2705	0.8899	88.99
54	34303	0.6182	0.4507	1.5612	-2.3557	4.0066	6.3623	0.8906	89.06
55	38896	0.5417	0.4448	1.5218	-2.4555	3.7203	6.1759	0.8964	89.64
56	32658	0.5277	0.4296	1.5153	-2.4695	3.7962	6.2657	0.8973	89.73
57	31427	0.526	0.4126	1.5221	-2.4014	3.7501	6.1515	0.8963	89.63
58	31854	0.5241	0.4459	1.5135	-2.504	3.6704	6.1743	0.8976	89.76
59	33333	0.522	0.3961	1.5706	-2.5522	3.8893	6.4415	0.8892	88.92
60	30634	0.5087	0.3962	1.545	-2.5332	3.7746	6.3078	0.893	89.3
61	27883	0.4593	0.3395	1.4613	-2.3666	3.5555	5.9221	0.9049	90.49
62	30603	0.4325	0.331	1.6337	-2.7565	3.8275	6.584	0.8795	87.95
63	28680	0.4182	0.3246	1.5145	-2.5622	3.655	6.2172	0.8974	89.74
64	28494	0.3456	0.2706	1.5389	-2.6916	3.3887	6.0803	0.8939	89.39
65	32505	0.3191	0.2549	1.5444	-2.853	3.5708	6.4238	0.8931	89.31

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	32328	0.3039	0.2426	1.4942	-2.6835	3.4406	6.1242	0.9003	90.03
67	38648	0.3019	0.2295	1.511	-2.7615	3.5636	6.325	0.8979	89.79
68	33047	0.3009	0.2474	1.4946	-2.7818	3.4701	6.2518	0.9002	90.02
69	33203	0.2704	0.2333	1.4847	-2.8431	3.413	6.2561	0.9016	90.16
70	32608	0.2505	0.187	1.5203	-2.8313	3.5173	6.3486	0.8966	89.66
71	34094	0.1739	0.1218	1.478	-2.7795	3.3039	6.0835	0.9026	90.26
72	38914	0.1554	0.1224	1.4775	-2.8928	3.2581	6.1509	0.9026	90.26
73	32206	0.1297	0.1021	1.5348	-3.0305	3.3806	6.4111	0.8945	89.45
74	17965	0.0123	0.0175	1.4833	-3.111	3.0503	6.1612	0.9018	90.18
75	33191	0.0061	0.0037	1.4878	-3.0787	3.0492	6.1279	0.9012	90.12
76	38879	-0.2356	-0.1719	1.4782	-3.3689	2.7606	6.1295	0.9025	90.25
77	27378	-0.245	-0.1882	1.5	-3.4731	2.7782	6.2513	0.8995	89.95
78	31432	-0.2554	-0.2089	1.465	-3.3857	2.6474	6.0331	0.9044	90.44
79	30073	-0.3555	-0.2596	1.5281	-3.6331	2.6177	6.2509	0.8955	89.55
80	38939	-0.3602	-0.2862	1.4755	-3.5056	2.627	6.1326	0.9029	90.29
81	34283	-0.4165	-0.3516	1.5661	-3.6177	2.6795	6.2972	0.8899	88.99
82	32398	-0.4306	-0.3468	1.596	-3.7212	2.7547	6.4759	0.8853	88.53
83	31629	-0.4706	-0.3586	1.4916	-3.5661	2.4719	6.038	0.9007	90.07
84	33889	-0.5098	-0.2094	1.9876	-4.6528	2.9877	7.6404	0.8153	81.53
85	34004	-0.533	-0.4219	1.536	-3.8058	2.4786	6.2844	0.8943	89.43
86	36043	-0.5987	-0.4821	1.5577	-3.8758	2.3605	6.2363	0.8911	89.11
87	30869	-0.6346	-0.5025	1.5914	-4.0864	2.393	6.4794	0.8861	88.61
88	34728	-0.6377	-0.5024	1.5529	-3.8854	2.2878	6.1732	0.8918	89.18
89	31630	-0.7466	-0.5834	1.6178	-4.1783	2.2717	6.45	0.882	88.2
90	34731	-0.7683	-0.5976	1.5855	-4.0645	2.2048	6.2693	0.8869	88.69
91	38600	-0.7931	-0.6126	1.5617	-4.0679	2.0259	6.0938	0.8905	89.05
92	32878	-0.846	-0.627	1.7596	-4.3608	2.4422	6.803	0.8586	85.86
93	33812	-0.86	-0.6901	1.6004	-4.098	2.071	6.169	0.8847	88.47
94	38941	-0.8734	-0.7075	1.5484	-4.3625	1.9203	6.2828	0.8925	89.25
95	33988	-0.8757	-0.7047	1.5732	-4.081	2.0879	6.1689	0.8888	88.88
96	20548	-0.8862	-0.7199	1.643	-4.348	2.0743	6.4223	0.878	87.8
97	29257	-0.8911	-0.6667	1.69	-4.3605	2.1491	6.5096	0.8704	87.04
98	31425	-0.961	-0.7425	1.636	-4.3827	1.9979	6.3806	0.8791	87.91
99	39472	-0.9631	-0.7643	1.6949	-4.5171	2.0813	6.5985	0.8696	86.96
100	34732	-0.9887	-0.8454	1.6663	-4.5168	2.0943	6.6111	0.8743	87.43

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	39376	-1.0085	-0.8127	1.643	-4.4301	1.9823	6.4124	0.878	87.8
102	32997	-1.0475	-0.843	1.6505	-4.5573	1.9741	6.5314	0.8768	87.68
103	34236	-1.0515	-0.8408	1.7085	-4.574	2.0799	6.6539	0.8673	86.73
104	32460	-1.0583	-0.8566	1.6729	-4.6438	1.9326	6.5763	0.8732	87.32
105	34005	-1.0601	-0.8504	1.6937	-4.5551	2.0919	6.647	0.8698	86.98
106	39465	-1.0738	-0.7678	1.7642	-4.7668	1.9672	6.7339	0.8578	85.78
107	35047	-1.0843	-0.8458	1.7127	-4.6131	2.0526	6.6658	0.8666	86.66
108	36112	-1.0846	-0.8003	1.9047	-4.9504	2.3175	7.2679	0.832	83.2
109	33945	-1.1165	-0.8761	1.7298	-4.6849	1.9596	6.6446	0.8638	86.38
110	34218	-1.1195	-0.9413	1.6845	-4.6478	1.8466	6.4944	0.8713	87.13
111	39377	-1.1435	-0.9154	1.6899	-4.5907	1.9373	6.528	0.8704	87.04
112	39482	-1.1435	-0.88	1.7251	-4.6458	1.8185	6.4644	0.8646	86.46
113	40632	-1.1537	-0.9907	1.7377	-4.6293	2.0486	6.6779	0.8624	86.24
114	34114	-1.168	-0.9484	1.7354	-4.7293	1.8566	6.5859	0.8628	86.28
115	32928	-1.2207	-0.9642	1.7416	-4.7974	1.7529	6.5504	0.8617	86.17
116	40635	-1.2452	-0.9882	1.762	-4.9107	1.8324	6.7431	0.8582	85.82
117	38603	-1.2652	-1.0265	1.7411	-4.853	1.6484	6.5014	0.8618	86.18
118	34084	-1.307	-1.0197	1.7922	-4.9188	1.7742	6.693	0.8529	85.29
119	39022	-1.3312	-1.0811	1.6756	-4.8358	1.4845	6.3203	0.8728	87.28
120	28278	-1.3364	-1.0984	1.7267	-4.8986	1.6122	6.5108	0.8643	86.43
121	38835	-1.339	-1.0831	1.8639	-5.1104	1.8969	7.0073	0.8397	83.97
122	27239	-1.3429	-1.0544	1.7778	-4.9621	1.6116	6.5736	0.8554	85.54
123	29636	-1.3788	-1.0876	1.8461	-5.1742	1.7983	6.9725	0.8431	84.31
124	33814	-1.3998	-1.1328	1.8581	-5.2486	1.8537	7.1022	0.8408	84.08
125	35279	-1.5086	-1.2531	1.8939	-5.3616	1.6459	7.0075	0.834	83.4
126	35257	-1.5397	-1.2113	1.9786	-5.6399	1.7274	7.3672	0.8172	81.72
127	34146	-1.5578	-1.256	1.8807	-5.3309	1.539	6.8699	0.8366	83.66
128	29215	-1.5622	-1.2862	1.8826	-5.385	1.5338	6.9188	0.8362	83.62
129	39779	-1.5665	-1.3114	1.8937	-5.5818	1.6377	7.2195	0.8341	83.41
130	39081	-1.5832	-1.3612	1.9633	-5.5567	1.771	7.3278	0.8203	82.03
131	39662	-1.6502	-1.2578	2.0267	-5.7888	1.5583	7.3471	0.8071	80.71
132	29369	-1.7129	-1.3776	2.0556	-5.9064	1.7389	7.6453	0.8009	80.09
133	35186	-1.77	-1.4115	2.0945	-6.1374	1.5965	7.7339	0.7923	79.23
134	32542	-1.77	-1.3888	2.0604	-6.0016	1.5047	7.5063	0.7998	79.98
135	35375	-1.7954	-1.4696	2.0862	-6.0154	1.5281	7.5435	0.7942	79.42

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	39571	-1.812	-1.5528	2.0385	-5.8573	1.5056	7.3628	0.8046	80.46
137	34729	-1.826	-1.4334	2.2117	-6.2294	1.634	7.8633	0.7648	76.48
138	39440	-1.8286	-1.4159	2.1206	-6.1817	1.4321	7.6138	0.7864	78.64
139	31430	-1.8356	-1.416	2.0869	-6.0355	1.3601	7.3956	0.794	79.4
140	32410	-1.9794	-1.6043	2.1448	-6.338	1.303	7.6409	0.7808	78.08
141	31431	-2.1213	-1.7613	2.2115	-6.4721	1.2964	7.7686	0.7648	76.48
142	31111	-2.1931	-1.8088	2.3091	-6.9238	1.3142	8.238	0.74	74
143	31541	-2.8288	-2.3798	2.71	-8.2092	1.1034	9.3127	0.6138	61.38
144	30043	-3.4417	-2.8723	3.0988	-9.3447	0.8131	10.1578	0.4303	43.03

SHA

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31724	1.963	1.244	2.2312	-0.4814	8.1483	8.6298	0	0
2	19145	1.7612	0.9699	2.2403	-0.4614	8.238	8.6994	0	0
3	38941	1.5554	0.8831	1.9883	-0.5627	7.2124	7.7751	0	0
4	31440	1.4186	0.8066	1.8786	-0.615	6.9917	7.6068	0	0
5	30982	1.2064	0.6898	1.6709	-0.7219	6.003	6.7249	0	0
6	28324	1.1912	0.8032	1.406	-0.615	4.8729	5.4878	0.5017	50.17
7	30788	0.9449	0.5473	1.4622	-0.9968	5.0012	5.998	0.4366	43.66
8	28278	0.8618	0.5109	1.3921	-0.9395	4.8766	5.8161	0.5161	51.61
9	31004	0.7813	0.48	1.3216	-1.0765	4.4587	5.5353	0.582	58.2
10	39571	0.7668	0.52	1.162	-0.9798	3.609	4.5888	0.6992	69.92
11	29444	0.7585	0.4288	1.2769	-0.9835	4.2524	5.2359	0.6187	61.87
12	30206	0.6037	0.3681	1.0984	-1.0603	3.4316	4.4919	0.7371	73.71
13	27937	0.5901	0.3406	1.147	-1.1291	3.54	4.6691	0.7085	70.85
14	32072	0.4907	0.29	1.085	-1.2659	3.247	4.5129	0.7446	74.46
15	27378	0.4702	0.2758	1.0638	-1.2414	3.1873	4.4287	0.756	75.6
16	31425	0.4595	0.2736	1.0486	-1.1899	3.1489	4.3388	0.764	76.4
17	33889	0.4396	0.3233	1.0361	-1.4086	2.8781	4.2868	0.7704	77.04
18	34729	0.4382	0.3016	1.0576	-1.4024	2.9389	4.3412	0.7593	75.93
19	38896	0.4333	0.2885	1.0265	-1.3228	2.9434	4.2662	0.7753	77.53
20	33203	0.424	0.2771	1.0412	-1.3232	2.997	4.3202	0.7679	76.79
21	31742	0.402	0.2331	1.0572	-1.3924	3.1029	4.4953	0.7595	75.95
22	32859	0.399	0.2604	1.0838	-1.4912	2.9851	4.4763	0.7452	74.52
23	32410	0.3899	0.2287	1.0127	-1.2968	2.8726	4.1694	0.7822	78.22
24	31430	0.3888	0.2433	1.0093	-1.3144	2.8813	4.1957	0.7838	78.38
25	31717	0.3581	0.2715	0.9989	-1.4754	2.5759	4.0513	0.7889	78.89
26	34004	0.3355	0.217	0.977	-1.3638	2.7005	4.0643	0.7992	79.92
27	19341	0.3296	0.2183	0.9725	-1.3604	2.5781	3.9385	0.8012	80.12
28	31431	0.2901	0.18	0.974	-1.5141	2.6174	4.1316	0.8006	80.06
29	34283	0.2897	0.1846	1.0407	-1.6879	2.6902	4.378	0.7681	76.81
30	35186	0.2555	0.1547	0.9547	-1.4924	2.4741	3.9665	0.8093	80.93

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	30869	0.2549	0.1536	0.9811	-1.5211	2.6301	4.1512	0.7972	79.72
32	31723	0.2502	0.2088	0.9917	-1.6729	2.3918	4.0647	0.7923	79.23
33	33047	0.2352	0.156	0.9681	-1.6287	2.4671	4.0957	0.8032	80.32
34	38569	0.2333	0.1545	0.9437	-1.5517	2.3712	3.9229	0.8142	81.42
35	30603	0.2026	0.1422	1.0108	-1.7399	2.505	4.2449	0.7831	78.31
36	32928	0.1965	0.1321	0.9359	-1.5896	2.3735	3.9631	0.8176	81.76
37	39376	0.1782	0.1021	0.9496	-1.719	2.3077	4.0267	0.8116	81.16
38	32050	0.1731	0.1155	1.0021	-1.8137	2.4373	4.251	0.7873	78.73
39	33812	0.1369	0.0963	0.9334	-1.7039	2.3244	4.0283	0.8187	81.87
40	32504	0.1362	0.0609	1.0591	-1.9049	2.6833	4.5882	0.7586	75.86
41	32398	0.1345	0.1084	0.9994	-1.9175	2.3035	4.2211	0.7886	78.86
42	30485	0.116	0.0655	0.916	-1.7534	2.0932	3.8466	0.8261	82.61
43	38939	0.1062	0.0772	0.9109	-1.7581	2.1362	3.8943	0.8282	82.82
44	33809	0.0948	0.0746	0.9231	-1.7785	2.0792	3.8577	0.823	82.3
45	32658	0.0933	0.0572	0.9088	-1.7171	2.0857	3.8029	0.8291	82.91
46	27883	0.0887	0.0494	0.8884	-1.6993	2.055	3.7543	0.8374	83.74
47	31111	0.0714	0.0371	0.9228	-1.7521	2.0625	3.8146	0.8232	82.32
48	19044	0.0706	0.0669	0.9338	-1.882	2.0711	3.9531	0.8185	81.85
49	35279	0.0472	0.036	0.9209	-1.8597	1.9954	3.8551	0.824	82.4
50	20131	0.0333	0.0148	0.9056	-1.8273	1.9577	3.7849	0.8304	83.04
51	32608	0.0213	0.0325	0.9327	-1.9626	1.9644	3.927	0.819	81.9
52	38600	0.0181	0.009	0.8612	-1.7664	1.8584	3.6248	0.8481	84.81
53	31630	0.0165	0.0054	0.9067	-1.9031	1.9466	3.8497	0.8299	82.99
54	34732	0.0148	0.0161	1.0029	-2.0806	2.0959	4.1765	0.7869	78.69
55	39440	0.004	0.0103	0.9264	-1.911	1.9667	3.8777	0.8217	82.17
56	32542	0.0033	-0.0011	0.9201	-1.8918	1.9448	3.8366	0.8243	82.43
57	29369	-0.0073	-0.0035	0.9206	-1.9993	1.9208	3.9202	0.8241	82.41
58	39081	-0.0174	-0.002	0.9655	-2.058	2.0417	4.0997	0.8044	80.44
59	27301	-0.0243	-0.0008	0.8351	-1.7819	1.6717	3.4536	0.8579	85.79
60	38914	-0.0246	-0.013	0.9283	-1.9673	1.9014	3.8687	0.8208	82.08
61	32997	-0.0333	-0.0316	0.9375	-2.0761	1.9157	3.9918	0.8169	81.69
62	32206	-0.0391	-0.0261	0.9259	-2.0018	1.8037	3.8055	0.8219	82.19
63	29215	-0.0409	-0.03	0.9076	-1.9965	1.8472	3.8437	0.8296	82.96
64	38648	-0.0451	-0.0233	0.9224	-2.0414	1.8633	3.9047	0.8234	82.34
65	39662	-0.0452	-0.0234	0.9185	-2.0697	1.8759	3.9456	0.825	82.5

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	34303	-0.0468	-0.04	0.9	-1.9428	1.7767	3.7195	0.8327	83.27
67	40635	-0.0561	-0.039	0.8887	-1.9938	1.784	3.7778	0.8373	83.73
68	39779	-0.0658	-0.0438	0.9632	-2.1304	1.9255	4.0559	0.8055	80.55
69	27211	-0.0682	-0.0456	0.9119	-1.9977	1.7692	3.7669	0.8278	82.78
70	27239	-0.0723	-0.0498	0.8835	-2.0084	1.6874	3.6958	0.8394	83.94
71	34236	-0.0837	-0.0402	0.9275	-2.1238	1.8743	3.998	0.8212	82.12
72	31980	-0.0859	-0.0504	0.9059	-2.0549	1.737	3.7919	0.8303	83.03
73	38669	-0.086	-0.0432	0.9418	-2.2237	1.7312	3.9549	0.815	81.5
74	31549	-0.0879	-0.05	0.9223	-2.1253	1.8015	3.9268	0.8234	82.34
75	29636	-0.0894	-0.0488	0.9018	-2.1052	1.6598	3.765	0.8319	83.19
76	32460	-0.093	-0.0608	0.9289	-2.1643	1.7964	3.9608	0.8206	82.06
77	34218	-0.1051	-0.0797	0.9308	-2.1203	1.8482	3.9684	0.8198	81.98
78	30891	-0.1187	-0.0881	0.9271	-2.1683	1.7138	3.8821	0.8213	82.13
79	34094	-0.1216	-0.0956	0.9048	-2.099	1.7175	3.8165	0.8307	83.07
80	34084	-0.1261	-0.076	0.918	-2.1444	1.7207	3.8651	0.8252	82.52
81	34146	-0.1282	-0.0892	0.9196	-2.1298	1.6764	3.8062	0.8245	82.45
82	39482	-0.1292	-0.0886	0.9104	-2.1582	1.6798	3.838	0.8284	82.84
83	31515	-0.1353	-0.0807	0.9619	-2.2918	1.8001	4.0919	0.8061	80.61
84	32604	-0.1353	-0.0932	0.993	-2.3645	1.8002	4.1646	0.7917	79.17
85	35257	-0.1369	-0.093	0.9501	-2.2736	1.6492	3.9228	0.8114	81.14
86	39042	-0.1373	-0.0861	0.9141	-2.2444	1.6248	3.8692	0.8269	82.69
87	32505	-0.1431	-0.0796	0.9768	-2.3343	1.733	4.0673	0.7992	79.92
88	31629	-0.1433	-0.1032	0.902	-2.153	1.6866	3.8396	0.8319	83.19
89	30634	-0.1508	-0.1001	0.9308	-2.2896	1.6437	3.9333	0.8198	81.98
90	29257	-0.1535	-0.104	0.9052	-2.1941	1.6596	3.8538	0.8305	83.05
91	30790	-0.1549	-0.0963	0.9196	-2.2067	1.6706	3.8773	0.8245	82.45
92	34005	-0.1605	-0.1037	0.9385	-2.2389	1.6188	3.8577	0.8164	81.64
93	38547	-0.1635	-0.1063	0.9441	-2.3597	1.6662	4.0259	0.814	81.4
94	29236	-0.1646	-0.0927	0.9191	-2.255	1.6111	3.8661	0.8248	82.48
95	31316	-0.1687	-0.0956	0.95	-2.3396	1.6272	3.9668	0.8114	81.14
96	36112	-0.1695	-0.1071	1.015	-2.5083	1.7773	4.2856	0.781	78.1
97	34731	-0.1703	-0.1182	0.9308	-2.2441	1.6414	3.8854	0.8198	81.98
98	38879	-0.1755	-0.1042	0.9395	-2.3525	1.5821	3.9347	0.816	81.6
99	27836	-0.1785	-0.1002	0.92	-2.2737	1.5901	3.8637	0.8244	82.44
100	29910	-0.1878	-0.1076	0.9499	-2.3726	1.6706	4.0432	0.8114	81.14

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	33988	-0.1944	-0.1234	0.9233	-2.239	1.5694	3.8084	0.823	82.3
102	39377	-0.1982	-0.1249	0.9333	-2.3043	1.5735	3.8778	0.8187	81.87
103	29952	-0.204	-0.1287	0.932	-2.3229	1.5233	3.8462	0.8193	81.93
104	33814	-0.2103	-0.1414	0.9398	-2.4186	1.516	3.9346	0.8159	81.59
105	36043	-0.2167	-0.143	0.9775	-2.4728	1.6159	4.0888	0.7989	79.89
106	38553	-0.2244	-0.153	0.9438	-2.3473	1.5692	3.9165	0.8141	81.41
107	39022	-0.2358	-0.1606	0.942	-2.438	1.5589	3.9969	0.8149	81.49
108	38603	-0.238	-0.1735	0.9633	-2.4803	1.5809	4.0612	0.8054	80.54
109	32878	-0.2495	-0.1593	1.0003	-2.5856	1.5837	4.1693	0.7882	78.82
110	28680	-0.2557	-0.1772	0.9568	-2.397	1.4972	3.8942	0.8084	80.84
111	30043	-0.2603	-0.1616	0.9739	-2.5026	1.6021	4.1047	0.8006	80.06
112	39472	-0.2611	-0.1597	0.9514	-2.4689	1.5134	3.9823	0.8108	81.08
113	34089	-0.2612	-0.1765	0.9419	-2.4775	1.4878	3.9653	0.815	81.5
114	31854	-0.2621	-0.1706	0.9477	-2.5434	1.4781	4.0216	0.8124	81.24
115	39465	-0.2645	-0.1681	0.9754	-2.5159	1.4978	4.0136	0.7999	79.99
116	20548	-0.2652	-0.1758	0.9605	-2.5076	1.5116	4.0192	0.8067	80.67
117	28494	-0.2679	-0.1792	0.9591	-2.5204	1.5152	4.0355	0.8073	80.73
118	34114	-0.2688	-0.1592	0.961	-2.614	1.4682	4.0822	0.8065	80.65
119	39296	-0.2701	-0.1787	0.9827	-2.5443	1.5151	4.0595	0.7965	79.65
120	32334	-0.2717	-0.1674	0.9647	-2.5572	1.491	4.0482	0.8048	80.48
121	28378	-0.2735	-0.1735	0.9467	-2.4549	1.4821	3.937	0.8128	81.28
122	35047	-0.2775	-0.1711	0.9792	-2.6033	1.5597	4.163	0.7981	79.81
123	23729	-0.2924	-0.1916	0.961	-2.6098	1.464	4.0738	0.8065	80.65
124	30647	-0.2942	-0.1954	0.9755	-2.6438	1.4957	4.1395	0.7998	79.98
125	38835	-0.2985	-0.1903	1.0328	-2.6709	1.6267	4.2976	0.7721	77.21
126	17965	-0.2985	-0.1936	0.9528	-2.5092	1.4564	3.9656	0.8101	81.01
127	35375	-0.2993	-0.1802	0.9827	-2.6257	1.5021	4.1278	0.7965	79.65
128	40632	-0.3069	-0.1992	1.0201	-2.6976	1.5661	4.2637	0.7785	77.85
129	32328	-0.3099	-0.2038	0.9758	-2.5791	1.52	4.099	0.7997	79.97
130	31535	-0.3315	-0.2145	0.9818	-2.7515	1.4205	4.172	0.7969	79.69
131	33945	-0.3344	-0.2069	0.9994	-2.6635	1.4416	4.1051	0.7886	78.86
132	33168	-0.3393	-0.2091	1.02	-2.8668	1.5103	4.3771	0.7786	77.86
133	33331	-0.3396	-0.2231	0.9725	-2.6875	1.3559	4.0435	0.8012	80.12
134	33191	-0.3684	-0.2439	0.9841	-2.7595	1.3289	4.0884	0.7959	79.59
135	32499	-0.3714	-0.2452	1.0648	-2.8634	1.5578	4.4212	0.7555	75.55

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	31914	-0.3786	-0.2424	1.0164	-2.887	1.3456	4.2326	0.7803	78.03
137	27509	-0.4143	-0.2602	1.0337	-2.9904	1.3665	4.3568	0.7717	77.17
138	33333	-0.4166	-0.2615	1.0552	-3.1045	1.3254	4.43	0.7606	76.06
139	34728	-0.4275	-0.2612	1.0279	-3.0022	1.2616	4.2638	0.7746	77.46
140	31541	-0.4381	-0.2662	1.0445	-3.0148	1.2744	4.2892	0.7662	76.62
141	31432	-0.4853	-0.2784	1.0886	-3.3115	1.2616	4.5731	0.7426	74.26
142	31427	-0.7185	-0.4115	1.2393	-4.0838	0.9496	5.0333	0.647	64.7
143	29151	-0.9703	-0.5772	1.4565	-5.093	0.851	5.9441	0.4437	44.37
144	30073	-1.3699	-0.7752	1.828	-6.712	0.6115	7.3235	0	0

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	31440	14.1344	15.0451	3.172	5.3781	17.927	12.5489	0.8729	87.29
2	31723	13.4818	14.1258	2.5125	6.2287	16.5558	10.3272	0.9223	92.23
3	27937	12.6017	13.4432	2.8375	4.5101	15.8639	11.3538	0.8997	89.97
4	33812	12.0373	12.8661	2.7622	4.0074	15.2552	11.2478	0.9052	90.52
5	38941	11.7418	12.6221	2.8718	3.7842	15.117	11.3328	0.8971	89.71
6	30634	11.437	12.2136	2.6683	3.9016	14.6106	10.7091	0.9119	91.19
7	28324	10.5675	10.9506	2.1105	5.1756	13.6336	8.458	0.9458	94.58
8	30603	10.5392	10.9956	2.1633	4.6199	13.5683	8.9484	0.943	94.3
9	27239	10.4113	11.0012	2.3479	4.1227	13.4506	9.3279	0.9325	93.25
10	39465	10.0972	10.7177	2.5902	2.8931	13.5022	10.6091	0.9172	91.72
11	31717	10.0251	10.4172	2.0446	4.6834	12.9518	8.2684	0.9492	94.92
12	28278	9.5198	10.1909	2.4607	2.6464	12.5536	9.9072	0.9256	92.56
13	31004	9.0152	9.5151	2.1512	3.1361	12.0329	8.8969	0.9437	94.37
14	31427	7.6877	8.1318	2.1249	1.7635	10.653	8.8895	0.9451	94.51
15	29444	7.3738	7.8375	2.0628	1.7969	10.1948	8.3979	0.9483	94.83
16	30485	7.1708	7.5988	1.9973	1.6596	10.0793	8.4197	0.9516	95.16
17	38648	6.8234	7.2469	1.9778	1.4989	9.673	8.1741	0.9526	95.26
18	32505	6.4379	6.751	1.788	1.7435	9.2323	7.4888	0.9614	96.14
19	31549	6.2361	6.6423	1.9288	1.1535	9.1442	7.9907	0.955	95.5
20	30790	5.6815	6.061	1.8675	0.8264	8.5591	7.7327	0.9578	95.78
21	32928	5.6429	5.9714	1.8869	0.6755	8.3648	7.6893	0.9569	95.69
22	31724	5.1321	5.2057	1.6153	1.3897	8.2872	6.8975	0.9686	96.86
23	29236	5.1111	5.4039	1.7876	0.4772	7.8924	7.4152	0.9614	96.14
24	31515	4.9835	5.1902	1.7364	0.6476	7.9711	7.3235	0.9637	96.37
25	32072	4.5266	4.8005	1.7285	0.2551	7.321	7.0658	0.964	96.4
26	38939	4.2317	4.4734	1.7253	0.1062	7.1014	6.9952	0.9641	96.41
27	32859	3.8621	4.0172	1.6429	0.0011	6.954	6.9529	0.9675	96.75
28	31742	3.4895	3.662	1.7689	-0.6128	6.5874	7.2002	0.9623	96.23
29	27301	2.6862	2.6136	1.4792	-0.1732	5.8395	6.0127	0.9738	97.38
30	28378	1.6809	1.7627	1.5463	-1.7331	4.7429	6.476	0.9713	97.13

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	39042	1.3841	1.4437	1.5035	-1.8512	4.4002	6.2515	0.9729	97.29
32	32050	1.3497	1.3523	1.6306	-1.9236	4.6453	6.5688	0.968	96.8
33	31430	1.3247	1.3904	1.5224	-1.9993	4.3663	6.3657	0.9722	97.22
34	32334	1.2102	1.2659	1.6513	-2.3823	4.4414	6.8237	0.9672	96.72
35	32398	0.8193	0.7145	1.7092	-2.3691	4.6746	7.0438	0.9648	96.48
36	29636	0.7952	0.862	1.5044	-2.4761	3.8202	6.2963	0.9729	97.29
37	33945	0.5347	0.5432	1.5514	-2.7863	3.819	6.6054	0.9711	97.11
38	39571	0.353	0.2008	1.6898	-2.6942	4.2189	6.9131	0.9656	96.56
39	32504	0.3296	0.3849	1.5345	-3.0469	3.3365	6.3834	0.9717	97.17
40	31432	0.2045	0.1907	1.4935	-2.8041	3.3715	6.1756	0.9732	97.32
41	38553	0.2039	0.2157	1.5361	-3.0836	3.4652	6.5487	0.9717	97.17
42	27509	0.1927	0.2	1.5218	-3.0742	3.3097	6.3839	0.9722	97.22
43	34218	0.1926	0.193	1.4897	-2.9428	3.3382	6.281	0.9734	97.34
44	17965	0.0044	0.0042	1.5875	-3.382	3.2163	6.5983	0.9697	96.97
45	33047	-0.0991	-0.0972	1.5067	-3.32	3.1052	6.4252	0.9728	97.28
46	20131	-0.1039	-0.1137	1.4972	-3.3115	2.9871	6.2986	0.9731	97.31
47	30206	-0.1448	-0.1234	1.493	-3.3416	3.0024	6.344	0.9733	97.33
48	31431	-0.3262	-0.3493	1.5375	-3.3711	3.0482	6.4193	0.9716	97.16
49	29952	-0.3501	-0.3712	1.4936	-3.4268	2.745	6.1718	0.9732	97.32
50	30043	-0.3698	-0.3722	1.5114	-3.4318	2.8927	6.3246	0.9726	97.26
51	27211	-0.3816	-0.4094	1.4849	-3.3788	2.7369	6.1157	0.9736	97.36
52	38879	-0.3999	-0.3876	1.475	-3.3778	2.7803	6.1582	0.9739	97.39
53	34732	-0.4657	-0.6435	1.5824	-3.2339	3.2755	6.5094	0.9699	96.99
54	40632	-0.4691	-0.467	1.5332	-3.7094	2.7587	6.468	0.9718	97.18
55	30073	-0.5482	-0.5333	1.6152	-3.8415	2.7483	6.5898	0.9686	96.86
56	33809	-0.576	-0.5708	1.6244	-3.9286	2.8032	6.7318	0.9683	96.83
57	31914	-0.6682	-0.6856	1.4844	-3.6802	2.4832	6.1634	0.9736	97.36
58	38569	-0.6943	-0.7114	1.6513	-3.9884	2.832	6.8204	0.9672	96.72
59	30788	-0.704	-0.7234	1.542	-3.9366	2.6001	6.5367	0.9715	97.15
60	35186	-0.7186	-0.7581	1.6336	-4.0474	2.6764	6.7238	0.9679	96.79
61	31541	-0.7348	-0.7467	1.6321	-4.014	2.6054	6.6194	0.968	96.8
62	39440	-0.8086	-0.831	1.636	-4.0448	2.631	6.6759	0.9678	96.78
63	32206	-0.8104	-0.8319	1.6281	-4.0523	2.6048	6.6571	0.9681	96.81
64	38914	-0.8384	-0.8531	1.5965	-4.056	2.552	6.608	0.9694	96.94
65	34094	-0.8425	-0.8725	1.5824	-3.9663	2.4911	6.4574	0.9699	96.99

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	32542	-0.8505	-0.8449	1.605	-3.9889	2.563	6.552	0.969	96.9
67	35375	-0.8596	-0.8999	1.6329	-4.013	2.6483	6.6613	0.9679	96.79
68	35257	-0.9069	-0.9467	1.6383	-4.2139	2.5509	6.7648	0.9677	96.77
69	31854	-0.909	-0.9631	1.5293	-3.8576	2.3804	6.238	0.9719	97.19
70	32658	-0.9154	-1.0067	1.5392	-3.9082	2.4649	6.3731	0.9716	97.16
71	38669	-0.9725	-1.0069	1.4958	-4.0155	2.2355	6.251	0.9732	97.32
72	32328	-0.9776	-0.995	1.5318	-4.1217	2.221	6.3427	0.9718	97.18
73	19044	-1.0005	-1.0565	1.5128	-4.0098	2.3429	6.3527	0.9725	97.25
74	39779	-1.0195	-0.9874	1.6274	-4.3626	2.2838	6.6464	0.9682	96.82
75	30647	-1.0985	-1.1337	1.6476	-4.3188	2.415	6.7338	0.9673	96.73
76	27378	-1.2093	-1.2681	1.5271	-4.2307	2.2616	6.4923	0.972	97.2
77	32608	-1.4234	-1.4632	1.6337	-4.6583	1.9968	6.6551	0.9679	96.79
78	29910	-1.4328	-1.4759	1.6311	-4.6211	2.0258	6.6469	0.968	96.8
79	31111	-1.4349	-1.4794	1.616	-4.6364	2.0813	6.7176	0.9686	96.86
80	29369	-1.4362	-1.4955	1.636	-4.5087	2.0953	6.604	0.9678	96.78
81	39376	-1.4647	-1.545	1.5265	-4.4099	2.0605	6.4705	0.972	97.2
82	34729	-1.5005	-1.5946	1.5541	-4.5058	2.0564	6.5622	0.971	97.1
83	33889	-1.5033	-1.8187	1.8017	-4.2549	2.9044	7.1593	0.9608	96.08
84	33168	-1.5035	-1.6	1.5177	-4.4091	1.9211	6.3303	0.9724	97.24
85	34731	-1.54	-1.5697	1.5365	-4.4637	1.7959	6.2596	0.9717	97.17
86	34303	-1.5692	-1.6245	1.6469	-4.7694	1.9711	6.7405	0.9674	96.74
87	36112	-1.6433	-1.802	1.6097	-4.5511	2.228	6.7791	0.9689	96.89
88	39662	-1.6701	-1.7321	1.659	-4.7829	2.0681	6.851	0.9669	96.69
89	27883	-1.7157	-1.7131	1.5547	-4.8457	1.4159	6.2616	0.971	97.1
90	19341	-1.7985	-1.8778	1.5321	-4.7191	1.6634	6.3825	0.9718	97.18
91	33331	-1.8092	-1.916	1.5264	-4.7194	1.5613	6.2807	0.972	97.2
92	33191	-1.8102	-1.9059	1.5854	-4.8009	1.7156	6.5165	0.9698	96.98
93	33988	-1.9161	-1.998	1.5193	-4.7997	1.5008	6.3005	0.9723	97.23
94	35047	-2.1034	-2.2215	1.6001	-5.068	1.5878	6.6558	0.9692	96.92
95	31980	-2.1155	-2.2323	1.5746	-5.0695	1.3711	6.4406	0.9702	97.02
96	19145	-2.2257	-2.3066	1.6031	-5.184	1.4351	6.6192	0.9691	96.91
97	28494	-2.2328	-2.3009	1.5103	-5.1278	1.0515	6.1793	0.9726	97.26
98	29215	-2.2432	-2.362	1.5646	-5.1083	1.4545	6.5628	0.9706	97.06
99	32878	-2.3592	-2.564	1.6787	-5.2504	1.7194	6.9698	0.9661	96.61
100	31425	-2.3685	-2.4697	1.5556	-5.1927	1.1217	6.3144	0.9709	97.09

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	28680	-2.4023	-2.528	1.5396	-5.1006	1.1609	6.2616	0.9715	97.15
102	30891	-2.4074	-2.5341	1.5794	-5.3366	1.1779	6.5145	0.97	97
103	38603	-2.4275	-2.5683	1.5562	-5.2905	1.1566	6.4471	0.9709	97.09
104	40635	-2.4606	-2.5776	1.5746	-5.2983	1.1724	6.4708	0.9702	97.02
105	34146	-2.505	-2.655	1.5965	-5.3222	1.146	6.4682	0.9694	96.94
106	39472	-2.6687	-2.7798	1.5844	-5.625	0.9634	6.5884	0.9698	96.98
107	38896	-2.691	-2.8241	1.5513	-5.5963	0.9738	6.57	0.9711	97.11
108	34236	-2.7495	-2.9071	1.6335	-5.7346	1.0656	6.8002	0.9679	96.79
109	34005	-2.8236	-2.9549	1.5937	-5.6721	0.9883	6.6604	0.9695	96.95
110	34089	-2.8442	-2.9989	1.6596	-5.836	1.1045	6.9405	0.9669	96.69
111	34114	-2.8531	-3.0419	1.5846	-5.7211	0.9249	6.646	0.9698	96.98
112	29257	-2.8686	-2.9011	1.492	-5.9012	0.3671	6.2683	0.9733	97.33
113	39081	-2.8916	-2.9816	1.6064	-6.065	0.7659	6.8309	0.969	96.9
114	29151	-2.9028	-3.0669	1.5927	-5.6724	0.8618	6.5342	0.9695	96.95
115	34084	-2.9379	-3.0657	1.5917	-5.8361	0.7157	6.5518	0.9696	96.96
116	39482	-2.9668	-3.1429	1.6362	-5.8518	0.9683	6.8202	0.9678	96.78
117	36043	-2.9682	-3.1443	1.624	-5.8689	0.8919	6.7608	0.9683	96.83
118	32410	-2.9685	-3.091	1.5892	-5.9391	0.7373	6.6765	0.9697	96.97
119	20548	-2.9711	-3.1219	1.5763	-5.8194	0.7371	6.5565	0.9702	97.02
120	31316	-2.9718	-3.1539	1.6356	-5.7439	0.9835	6.7274	0.9678	96.78
121	38547	-2.9806	-3.1412	1.615	-5.8867	0.7496	6.6363	0.9686	96.86
122	33333	-2.988	-3.1405	1.6119	-5.8686	0.7438	6.6125	0.9688	96.88
123	39377	-3.0065	-3.175	1.626	-5.8427	0.8648	6.7074	0.9682	96.82
124	32604	-3.107	-3.2327	1.5782	-6.0145	0.6193	6.6338	0.9701	97.01
125	39296	-3.1271	-3.2364	1.582	-5.9917	0.4262	6.4178	0.9699	96.99
126	30869	-3.1612	-3.3214	1.6927	-6.1404	0.7418	6.8822	0.9655	96.55
127	30982	-3.2485	-3.4388	1.6432	-6.0558	0.6327	6.6885	0.9675	96.75
128	34728	-3.258	-3.4226	1.6547	-6.2687	0.7366	7.0053	0.9671	96.71
129	27836	-3.2758	-3.4589	1.6308	-6.1936	0.6116	6.8052	0.968	96.8
130	35279	-3.3729	-3.5957	1.632	-6.1404	0.5918	6.7322	0.968	96.8
131	32460	-3.3894	-3.5894	1.6399	-6.2921	0.5892	6.8813	0.9677	96.77
132	38835	-3.3906	-3.5738	1.6364	-6.437	0.4808	6.9178	0.9678	96.78
133	32997	-3.3933	-3.5987	1.6208	-6.2314	0.4967	6.7281	0.9684	96.84
134	34004	-3.4125	-3.6291	1.6318	-6.1172	0.5508	6.668	0.968	96.8
135	33203	-3.5392	-3.7303	1.6585	-6.4868	0.4506	6.9374	0.9669	96.69

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31535	-3.5429	-3.7704	1.6605	-6.3952	0.4136	6.8088	0.9668	96.68
137	38600	-3.6387	-3.7503	1.6598	-6.5748	0.2597	6.8344	0.9668	96.68
138	39022	-3.7128	-3.9437	1.6477	-6.3975	0.2403	6.6377	0.9673	96.73
139	23729	-3.8343	-4.0348	1.6798	-6.6888	0.2539	6.9427	0.966	96.6
140	31630	-4.0236	-4.2669	1.7171	-6.9294	0.2621	7.1915	0.9645	96.45
141	34283	-4.1895	-4.4007	1.6964	-7.0899	-0.0525	7.0373	0.9653	96.53
142	31629	-4.327	-4.569	1.6908	-7.1192	-0.0663	7.0529	0.9656	96.56
143	33814	-4.4103	-4.6591	1.7386	-7.2986	-0.0754	7.2231	0.9636	96.36
144	32499	-6.8802	-7.2038	1.8837	-9.7663	-1.8445	7.9217	0.9571	95.71

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	35257	26.6659	31.8897	11.1523	0.3634	37.1952	36.8318	0	0
2	31717	15.6586	18.3437	6.2157	0.2463	21.8426	21.5963	0.3756	37.56
3	31724	11.8963	13.79	4.7775	0.0492	17.0319	16.9827	0.7018	70.18
4	38669	10.9942	12.9923	4.8693	-0.1122	16.3267	16.4389	0.6877	68.77
5	29444	10.9588	12.9344	4.9357	-0.3039	16.4122	16.7161	0.677	67.7
6	30982	8.6976	10.2286	4.025	-0.3058	13.4124	13.7183	0.7999	79.99
7	28278	8.4257	9.8523	3.9556	-0.3464	13.2272	13.5736	0.8076	80.76
8	30603	8.2713	9.6987	3.8328	-0.4404	12.8619	13.3023	0.8206	82.06
9	38941	8.0037	9.4877	3.8719	-0.4446	12.6239	13.0686	0.8165	81.65
10	19145	7.94	9.1939	3.7863	-0.4246	12.814	13.2386	0.8254	82.54
11	38939	6.7562	7.8861	3.3162	-0.6268	11.0006	11.6274	0.8692	86.92
12	31723	6.5285	7.2897	2.8446	-0.1901	10.6269	10.8171	0.9056	90.56
13	31440	5.3736	6.0966	2.9457	-0.9052	9.6654	10.5706	0.8984	89.84
14	28324	5.1984	5.2966	2.3022	0.0138	9.6417	9.6279	0.9392	93.92
15	39465	5.0405	5.7483	2.8892	-1.0804	9.3485	10.4289	0.9024	90.24
16	31549	3.5655	4.0697	2.2846	-1.3658	7.2238	8.5896	0.9402	94.02
17	31004	2.9513	3.3993	2.2986	-2.1475	6.6624	8.8099	0.9394	93.94
18	31432	2.8608	3.1896	2.1019	-1.6741	6.5495	8.2236	0.9496	94.96
19	38914	2.7009	2.9558	2.2453	-2.0368	6.6841	8.7208	0.9423	94.23
20	39042	2.5915	2.9578	2.121	-1.9342	6.3883	8.3224	0.9487	94.87
21	38648	2.4337	2.6617	2.048	-1.9203	6.0388	7.9591	0.9522	95.22
22	17965	2.2818	2.3055	2.332	-2.3611	6.6789	9.0399	0.9376	93.76
23	39482	2.0425	2.2565	2.0072	-2.3071	5.7369	8.044	0.9542	95.42
24	27937	2.0322	2.193	2.0369	-2.4378	5.8641	8.3018	0.9528	95.28
25	32410	1.5581	1.6919	1.8833	-2.5128	5.1819	7.6947	0.9598	95.98
26	30485	1.4435	1.585	1.8797	-2.5942	5.0313	7.6256	0.9599	95.99
27	33333	1.2841	1.3872	1.8799	-2.7095	4.9698	7.6793	0.9599	95.99
28	28494	1.1964	1.2532	1.9078	-2.9836	5.0198	8.0033	0.9587	95.87
29	31914	1.1319	1.1913	1.8244	-2.7766	4.7331	7.5097	0.9623	96.23
30	20131	1.1143	1.1667	1.857	-2.8995	4.8788	7.7783	0.9609	96.09

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	33047	0.9601	1	1.8493	-3.0043	4.6407	7.6451	0.9612	96.12
32	34729	0.8224	0.8734	1.8721	-3.2337	4.5553	7.789	0.9603	96.03
33	30206	0.7565	0.805	1.7712	-3.0322	4.4376	7.4697	0.9645	96.45
34	32334	0.7026	0.7127	1.9553	-3.4609	4.5735	8.0344	0.9566	95.66
35	34732	0.4473	0.2709	1.9276	-3.0401	4.9311	7.9713	0.9578	95.78
36	36043	0.4429	0.4555	1.7402	-3.2173	4.0954	7.3128	0.9657	96.57
37	31425	0.4205	0.4434	1.7935	-3.4924	4.0557	7.548	0.9636	96.36
38	34728	0.2903	0.2953	1.803	-3.4029	4.0161	7.419	0.9632	96.32
39	30043	0.0449	0.0322	1.8091	-3.7131	3.7427	7.4558	0.9629	96.29
40	32542	-0.0089	0.0129	1.9067	-4.0083	3.8347	7.843	0.9587	95.87
41	32878	-0.0135	0.0805	1.8706	-4.0666	3.7772	7.8438	0.9603	96.03
42	39571	-0.0271	-0.1416	2.0448	-3.7615	4.4785	8.24	0.9524	95.24
43	32206	-0.0774	-0.088	1.8959	-3.9879	3.8278	7.8157	0.9592	95.92
44	35375	-0.1079	-0.0913	1.9372	-4.1627	3.8394	8.002	0.9574	95.74
45	30647	-0.1124	-0.0917	1.9216	-4.02	3.7258	7.7458	0.9581	95.81
46	39376	-0.1132	-0.1412	1.813	-3.7672	3.8025	7.5697	0.9628	96.28
47	29236	-0.2233	-0.2038	1.8042	-4.0478	3.555	7.6028	0.9631	96.31
48	19044	-0.2567	-0.2127	1.8775	-4.2194	3.5565	7.7759	0.96	96
49	40632	-0.3044	-0.2765	1.8981	-4.2816	3.5536	7.8352	0.9591	95.91
50	30790	-0.3321	-0.356	1.8336	-4.0744	3.6378	7.7123	0.9619	96.19
51	33889	-0.3509	-0.601	2.0289	-3.8684	4.3619	8.2304	0.9531	95.31
52	35186	-0.3718	-0.3757	2.005	-4.5341	3.7391	8.2733	0.9543	95.43
53	33812	-0.3843	-0.4028	1.8248	-4.1862	3.4933	7.6795	0.9623	96.23
54	39440	-0.423	-0.4279	1.837	-4.1154	3.2854	7.4008	0.9618	96.18
55	38600	-0.4737	-0.4213	1.8096	-4.2391	3.1238	7.3629	0.9629	96.29
56	32658	-0.5806	-0.6059	1.7819	-4.227	3.3846	7.6116	0.9641	96.41
57	33331	-0.6087	-0.6143	1.8069	-4.4344	3.2561	7.6906	0.963	96.3
58	38835	-0.6261	-0.6758	1.844	-4.3626	3.3697	7.7323	0.9615	96.15
59	27883	-0.6616	-0.6032	1.8424	-4.5581	2.9811	7.5392	0.9615	96.15
60	35279	-0.7324	-0.759	1.8593	-4.4491	3.2327	7.6818	0.9608	96.08
61	38569	-0.7417	-0.7393	1.9311	-4.6887	3.3307	8.0194	0.9577	95.77
62	34146	-0.7553	-0.7702	1.8186	-4.4884	2.9685	7.4569	0.9625	96.25
63	23729	-0.8546	-0.8094	2.326	-5.5083	3.7239	9.2321	0.9379	93.79
64	27378	-0.8547	-0.8092	1.9348	-4.8132	3.1606	7.9738	0.9575	95.75
65	33809	-0.8565	-0.8555	1.9939	-4.9066	3.3176	8.2242	0.9548	95.48

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	32505	-0.869	-0.8052	1.8408	-4.7178	2.9036	7.6213	0.9616	96.16
67	29369	-0.8771	-0.8584	1.9468	-4.7884	3.2007	7.9892	0.9569	95.69
68	29636	-0.9798	-1.0135	1.848	-4.5562	3.0172	7.5733	0.9613	96.13
69	27239	-1.0147	-1.1113	1.9467	-4.7323	3.1399	7.8721	0.9569	95.69
70	33988	-1.0737	-1.1379	1.8052	-4.6708	2.8481	7.519	0.9631	96.31
71	31111	-1.078	-1.096	1.9444	-4.9491	2.9086	7.8577	0.9571	95.71
72	33945	-1.0875	-1.1691	1.8675	-4.7007	2.9547	7.6554	0.9604	96.04
73	27211	-1.0951	-1.1173	1.9808	-4.9882	3.0683	8.0565	0.9554	95.54
74	34004	-1.1295	-1.2016	1.8921	-4.7354	2.9024	7.6378	0.9594	95.94
75	32604	-1.1424	-1.2035	1.8987	-4.9	2.9814	7.8814	0.9591	95.91
76	34218	-1.1636	-1.2322	1.8819	-4.9673	2.8541	7.8214	0.9598	95.98
77	29910	-1.1707	-1.2252	1.9148	-4.9731	2.8889	7.862	0.9584	95.84
78	31541	-1.2256	-1.2689	1.9975	-5.1222	2.9261	8.0482	0.9546	95.46
79	32608	-1.2326	-1.2432	1.9734	-5.2246	2.8318	8.0564	0.9557	95.57
80	39662	-1.2698	-1.2944	2.0013	-5.2761	2.83	8.106	0.9544	95.44
81	29952	-1.2731	-1.3269	1.8598	-4.9724	2.6702	7.6427	0.9608	96.08
82	32504	-1.3092	-1.3302	1.8827	-5.0711	2.7932	7.8643	0.9598	95.98
83	29215	-1.321	-1.389	1.908	-4.9824	2.8281	7.8105	0.9587	95.87
84	38879	-1.3236	-1.4052	1.8654	-5.0275	2.7067	7.7343	0.9605	96.05
85	29257	-1.3292	-1.3205	1.8134	-5.1358	2.2668	7.4026	0.9628	96.28
86	32859	-1.3385	-1.3429	1.8936	-5.3518	2.6432	7.995	0.9593	95.93
87	38896	-1.3564	-1.4385	1.8736	-4.9647	2.5961	7.5608	0.9602	96.02
88	34236	-1.3815	-1.4736	1.8833	-5.0252	2.6714	7.6966	0.9598	95.98
89	34094	-1.3999	-1.4117	1.9943	-5.3623	2.8134	8.1757	0.9548	95.48
90	31980	-1.4051	-1.4888	1.9091	-5.179	2.6578	7.8369	0.9586	95.86
91	39472	-1.4058	-1.4746	1.8836	-5.0238	2.6381	7.6619	0.9598	95.98
92	40635	-1.4107	-1.4441	1.9909	-5.1783	2.7113	7.8895	0.9549	95.49
93	28680	-1.4398	-1.4839	1.9722	-5.2577	2.76	8.0177	0.9558	95.58
94	31316	-1.5241	-1.6399	1.9077	-5.265	2.6367	7.9017	0.9587	95.87
95	31515	-1.5297	-1.5824	1.8763	-5.1928	2.336	7.5288	0.9601	96.01
96	30634	-1.5533	-1.6639	1.854	-5.1839	2.4851	7.669	0.961	96.1
97	34089	-1.6	-1.7648	1.948	-5.1826	2.6546	7.8372	0.9569	95.69
98	31535	-1.6171	-1.6715	2.0497	-5.5822	2.6253	8.2075	0.9522	95.22
99	35047	-1.6227	-1.7235	1.92	-5.3377	2.4906	7.8283	0.9581	95.81
100	34084	-1.6593	-1.8032	1.9511	-5.4224	2.5252	7.9476	0.9567	95.67

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	34114	-1.6735	-1.8217	1.9322	-5.3893	2.5722	7.9615	0.9576	95.76
102	32997	-1.6881	-1.8635	1.8917	-5.3598	2.4573	7.8171	0.9594	95.94
103	34005	-1.7265	-1.8951	1.9612	-5.4165	2.5013	7.9178	0.9563	95.63
104	34303	-1.7435	-1.8404	2.0224	-5.5866	2.5886	8.1752	0.9534	95.34
105	31742	-1.7441	-1.8098	2.0234	-5.7482	2.3781	8.1263	0.9534	95.34
106	36112	-1.7728	-1.8255	1.9317	-5.6923	2.3324	8.0247	0.9576	95.76
107	33814	-1.8193	-2.0033	1.9697	-5.4867	2.4473	7.934	0.9559	95.59
108	30891	-1.8217	-2.0231	1.9554	-5.515	2.3782	7.8932	0.9566	95.66
109	33191	-1.8393	-1.9652	2.0156	-5.6513	2.5148	8.166	0.9538	95.38
110	30788	-1.8412	-1.9993	1.9375	-5.5819	2.3501	7.932	0.9574	95.74
111	33203	-1.8592	-2.0267	1.9682	-5.542	2.501	8.0429	0.956	95.6
112	27836	-1.881	-2.0047	2.0189	-5.5321	2.3995	7.9315	0.9536	95.36
113	39296	-1.8867	-2.0522	1.9786	-5.7237	2.3696	8.0932	0.9555	95.55
114	38603	-1.9347	-2.0802	2.0252	-5.7134	2.5028	8.2162	0.9533	95.33
115	34283	-1.9485	-2.0943	2.0031	-5.8011	2.3406	8.1417	0.9544	95.44
116	38553	-1.9527	-2.1644	1.9385	-5.6572	2.2459	7.9032	0.9573	95.73
117	39377	-1.9607	-2.1372	1.9777	-5.6525	2.3712	8.0237	0.9555	95.55
118	39779	-1.9971	-2.0413	2.0907	-6.0682	2.3483	8.4165	0.9502	95.02
119	32460	-1.9998	-2.23	1.9625	-5.5708	2.1698	7.7406	0.9562	95.62
120	39022	-2.0989	-2.2802	1.9532	-5.8491	2.0877	7.9368	0.9567	95.67
121	19341	-2.1258	-2.3307	2.01	-5.8739	2.1276	8.0015	0.954	95.4
122	39081	-2.1302	-2.309	1.9566	-5.8841	2.1499	8.0341	0.9565	95.65
123	20548	-2.1661	-2.3772	2.0208	-5.8848	2.2567	8.1415	0.9535	95.35
124	34731	-2.1674	-2.3652	2.0711	-5.9992	2.3513	8.3505	0.9511	95.11
125	29151	-2.1772	-2.3845	2.0134	-5.7789	2.2145	7.9934	0.9539	95.39
126	31854	-2.1837	-2.3985	2.0051	-5.8681	2.1301	7.9982	0.9543	95.43
127	38547	-2.1936	-2.4245	2.0455	-5.8248	2.1844	8.0092	0.9524	95.24
128	27301	-2.2653	-2.2823	1.8844	-5.9879	1.4049	7.3927	0.9597	95.97
129	30073	-2.4287	-2.6091	2.0881	-6.2439	1.9597	8.2036	0.9503	95.03
130	31430	-2.4938	-2.7958	2.0893	-6.1716	2.0773	8.2489	0.9502	95.02
131	33168	-2.579	-2.8728	2.0888	-6.2408	1.9546	8.1954	0.9503	95.03
132	32328	-2.8204	-3.1608	2.1463	-6.4289	1.91	8.3388	0.9474	94.74
133	31629	-2.9636	-3.3432	2.1729	-6.8224	1.7741	8.5965	0.9461	94.61
134	32072	-2.9986	-3.4123	2.1859	-6.673	1.7005	8.3735	0.9454	94.54
135	31630	-3.0229	-3.4446	2.2204	-6.6457	1.96	8.6057	0.9436	94.36

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	30869	-3.2121	-3.5008	2.2581	-7.2766	1.331	8.6076	0.9416	94.16
137	31427	-3.2993	-3.7055	2.2082	-7.0088	1.555	8.5638	0.9442	94.42
138	28378	-3.6336	-4.1061	2.3922	-7.5321	1.4443	8.9764	0.9342	93.42
139	32398	-3.6994	-4.0882	2.4549	-7.8705	1.5336	9.404	0.9306	93.06
140	31431	-4.9673	-5.7511	2.7435	-8.9261	0.9626	9.8887	0.9125	91.25
141	32499	-5.3791	-6.2133	2.8507	-9.4418	0.8429	10.2847	0.9052	90.52
142	27509	-5.7921	-6.5972	3.0724	-10.1566	0.8276	10.9842	0.8889	88.89
143	32928	-5.7951	-6.7097	3.0349	-10.0088	0.8159	10.8247	0.8918	89.18
144	32050	-8.9971	-10.3079	4.0123	-14.0322	0.21	14.2422	0.8013	80.13

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	32928	2.7026	1.3616	3.2182	-0.335	11.3834	11.7184	0	0
2	30485	2.0909	1.0997	2.5337	-0.4614	8.8754	9.3369	0	0
3	38896	2.076	1.0987	2.518	-0.4698	8.8606	9.3304	0	0
4	29151	1.8877	1.056	2.2979	-0.5464	8.175	8.7213	0	0
5	30073	1.8472	0.9893	2.294	-0.5336	7.9986	8.5322	0	0
6	27378	1.8002	0.9523	2.2594	-0.5063	7.8148	8.3211	0	0
7	30788	1.6481	0.9854	1.9526	-0.6802	6.6778	7.358	0	0
8	19145	1.3418	0.7206	1.7831	-0.7345	5.9776	6.7121	0.1472	14.72
9	31723	0.9974	0.6077	1.4534	-1.0256	4.657	5.6826	0.5917	59.17
10	30982	0.841	0.4785	1.3242	-0.9788	4.2022	5.181	0.6786	67.86
11	30869	0.7547	0.4549	1.2406	-1.0731	3.8559	4.929	0.7256	72.56
12	32859	0.6734	0.4145	1.2148	-1.2088	3.5492	4.758	0.7389	73.89
13	23729	0.6519	0.3876	1.1881	-1.184	3.625	4.809	0.7521	75.21
14	20131	0.6416	0.384	1.1357	-1.1142	3.4315	4.5456	0.7766	77.66
15	31425	0.5646	0.3482	1.092	-1.117	3.2636	4.3806	0.7956	79.56
16	32504	0.5503	0.4022	1.0323	-1.25	2.9094	4.1594	0.8198	81.98
17	19044	0.5115	0.3806	0.9617	-1.1421	2.7421	3.8842	0.8458	84.58
18	31549	0.4784	0.2916	1.064	-1.2637	3.0404	4.3042	0.8072	80.72
19	32410	0.3876	0.2396	1.008	-1.3686	2.7917	4.1604	0.8291	82.91
20	30891	0.3647	0.2316	0.9898	-1.3964	2.6778	4.0742	0.8358	83.58
21	34218	0.3612	0.235	0.9934	-1.3566	2.7291	4.0857	0.8345	83.45
22	28324	0.2984	0.1812	0.9695	-1.4044	2.6209	4.0253	0.8431	84.31
23	35186	0.2982	0.1788	0.976	-1.5011	2.5977	4.0989	0.8408	84.08
24	38879	0.2729	0.1596	0.9592	-1.5045	2.4609	3.9654	0.8467	84.67
25	33047	0.2251	0.1443	0.9495	-1.5463	2.3766	3.9229	0.85	85
26	32658	0.2197	0.1556	0.9304	-1.5712	2.3073	3.8786	0.8565	85.65
27	39482	0.1442	0.1053	0.9088	-1.6929	2.1557	3.8485	0.8636	86.36
28	32398	0.1312	0.0742	0.987	-1.8552	2.3107	4.1659	0.8368	83.68
29	32050	0.1277	0.09	0.9547	-1.7835	2.2619	4.0454	0.8483	84.83
30	38648	0.122	0.0668	0.8981	-1.6734	2.074	3.7473	0.8671	86.71

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	29636	0.1207	0.0709	0.892	-1.6417	2.0625	3.7043	0.869	86.9
32	31980	0.09	0.0471	0.9224	-1.7529	2.0832	3.8362	0.8592	85.92
33	31629	0.083	0.0524	0.9157	-1.7687	2.0739	3.8426	0.8614	86.14
34	28378	0.0758	0.0451	0.8933	-1.7345	2.0531	3.7876	0.8686	86.86
35	39376	0.0672	0.0544	0.8949	-1.7658	1.9852	3.751	0.8681	86.81
36	33191	0.0642	0.051	0.8934	-1.7569	1.9115	3.6683	0.8686	86.86
37	27836	0.0602	0.0474	0.9023	-1.8095	1.9323	3.7418	0.8657	86.57
38	32072	0.059	0.0433	0.899	-1.8105	1.9557	3.7662	0.8668	86.68
39	33889	0.0405	0.0253	0.9609	-1.9095	2.1177	4.0272	0.8461	84.61
40	27937	0.0134	0.0012	0.8875	-1.8027	1.8683	3.671	0.8704	87.04
41	35375	0.0044	0.0081	0.9293	-1.9875	1.94	3.9275	0.8569	85.69
42	35257	-0.0073	-0.0088	0.9126	-1.9394	1.9111	3.8505	0.8624	86.24
43	35279	-0.0075	-0.0116	0.8997	-1.9436	1.8873	3.8309	0.8666	86.66
44	39662	-0.009	-0.0061	0.9069	-1.8954	1.8789	3.7743	0.8643	86.43
45	33812	-0.01	-0.0105	0.8912	-1.8723	1.8621	3.7344	0.8693	86.93
46	20548	-0.0136	-0.0041	0.9054	-1.9559	1.8303	3.7862	0.8647	86.47
47	17965	-0.016	-0.0085	0.8895	-1.9435	1.8027	3.7462	0.8698	86.98
48	34004	-0.0188	-0.0224	0.8859	-1.8867	1.8332	3.7199	0.8709	87.09
49	38569	-0.0291	-0.0344	0.9412	-2.1057	1.9099	4.0156	0.8529	85.29
50	34146	-0.0323	-0.0181	0.9077	-2.0133	1.8821	3.8954	0.864	86.4
51	31742	-0.0334	-0.0263	0.9206	-2.0295	1.9072	3.9367	0.8598	85.98
52	30206	-0.0406	-0.0446	0.8765	-1.8511	1.7524	3.6036	0.8738	87.38
53	32505	-0.0413	-0.017	0.9591	-2.1339	1.8937	4.0277	0.8467	84.67
54	38914	-0.0477	-0.0341	0.9051	-2.0027	1.8137	3.8164	0.8648	86.48
55	36112	-0.0508	-0.0273	0.9456	-2.1066	1.8839	3.9905	0.8514	85.14
56	33945	-0.054	-0.0279	0.9222	-1.9943	1.871	3.8654	0.8592	85.92
57	39081	-0.0592	-0.0365	0.9255	-2.0145	1.8199	3.8344	0.8582	85.82
58	38600	-0.0613	-0.0452	0.8618	-1.9039	1.7585	3.6624	0.8784	87.84
59	34084	-0.069	-0.0333	0.898	-2.0238	1.6947	3.7184	0.8671	86.71
60	39571	-0.072	-0.0343	0.9566	-2.1901	1.9309	4.121	0.8476	84.76
61	38547	-0.0933	-0.0569	0.8945	-1.9919	1.6941	3.686	0.8682	86.82
62	32608	-0.1019	-0.0658	0.9241	-2.0758	1.785	3.8609	0.8586	85.86
63	31515	-0.1047	-0.0876	0.9438	-2.1219	1.773	3.8949	0.852	85.2
64	33809	-0.1103	-0.0549	0.9199	-2.1424	1.6744	3.8168	0.86	86
65	34094	-0.1103	-0.0566	0.8878	-2.0917	1.6048	3.6965	0.8703	87.03

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	31440	-0.1145	-0.0835	0.9152	-2.0836	1.7085	3.7921	0.8616	86.16
67	32542	-0.1161	-0.0596	0.893	-2.1403	1.6474	3.7877	0.8687	86.87
68	34005	-0.1223	-0.076	0.9322	-2.1538	1.7364	3.8901	0.8559	85.59
69	31854	-0.1277	-0.0802	0.9202	-2.1093	1.7177	3.827	0.8599	85.99
70	34303	-0.13	-0.0731	0.924	-2.2786	1.6336	3.9121	0.8587	85.87
71	30790	-0.1315	-0.0978	0.9154	-2.1505	1.7068	3.8573	0.8615	86.15
72	31430	-0.1343	-0.0862	0.881	-2.0171	1.5674	3.5845	0.8725	87.25
73	27239	-0.1416	-0.0982	0.8965	-2.1254	1.607	3.7324	0.8676	86.76
74	39779	-0.1436	-0.1176	0.9439	-2.069	1.7501	3.8191	0.852	85.2
75	34731	-0.1438	-0.0929	0.9026	-2.1496	1.6361	3.7858	0.8656	86.56
76	32328	-0.1447	-0.1057	0.9311	-2.1272	1.6805	3.8077	0.8563	85.63
77	31316	-0.1461	-0.1091	0.9461	-2.2442	1.7385	3.9827	0.8512	85.12
78	34283	-0.1461	-0.1224	0.9506	-2.1676	1.8312	3.9987	0.8497	84.97
79	31432	-0.1466	-0.0933	0.9265	-2.1595	1.6537	3.8132	0.8578	85.78
80	38939	-0.1474	-0.1021	0.893	-2.1243	1.6325	3.7568	0.8687	86.87
81	29952	-0.148	-0.1038	0.9175	-2.183	1.6708	3.8539	0.8608	86.08
82	31431	-0.1533	-0.1241	0.9223	-2.1697	1.6846	3.8543	0.8592	85.92
83	35047	-0.1534	-0.0928	0.94	-2.1948	1.7402	3.9351	0.8533	85.33
84	34729	-0.1665	-0.1157	0.9666	-2.2286	1.7698	3.9984	0.8441	84.41
85	32460	-0.1721	-0.1179	0.9244	-2.2153	1.6575	3.8728	0.8585	85.85
86	33988	-0.1764	-0.1355	0.9045	-2.1572	1.6299	3.787	0.865	86.5
87	38835	-0.179	-0.1111	0.959	-2.2566	1.6804	3.9369	0.8468	84.68
88	29910	-0.1835	-0.1124	0.9311	-2.2946	1.6167	3.9112	0.8563	85.63
89	27301	-0.1879	-0.1196	0.8654	-2.115	1.4558	3.5708	0.8773	87.73
90	28494	-0.191	-0.1281	0.8953	-2.2068	1.5329	3.7397	0.868	86.8
91	39440	-0.1989	-0.1289	0.9344	-2.348	1.568	3.9161	0.8552	85.52
92	32206	-0.2022	-0.1382	0.9317	-2.3185	1.5781	3.8967	0.8561	85.61
93	31111	-0.2027	-0.1196	0.9381	-2.3399	1.5856	3.9255	0.8539	85.39
94	38603	-0.207	-0.1424	0.9332	-2.3014	1.5799	3.8813	0.8556	85.56
95	34089	-0.2082	-0.1372	0.9351	-2.3721	1.5799	3.952	0.855	85.5
96	31004	-0.2163	-0.1588	0.9568	-2.3568	1.6443	4.0011	0.8476	84.76
97	27883	-0.2436	-0.1767	0.8723	-2.1811	1.4525	3.6336	0.8752	87.52
98	30647	-0.2446	-0.1607	0.9489	-2.4377	1.5752	4.0129	0.8503	85.03
99	31630	-0.2567	-0.1814	0.9536	-2.4763	1.5509	4.0272	0.8486	84.86
100	28680	-0.2585	-0.1548	0.9248	-2.4665	1.4446	3.9111	0.8584	85.84

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	27509	-0.2773	-0.193	0.9534	-2.4508	1.5163	3.9671	0.8487	84.87
102	19341	-0.2775	-0.1775	0.9372	-2.4291	1.4886	3.9177	0.8542	85.42
103	32604	-0.2886	-0.2023	0.9742	-2.4687	1.5586	4.0274	0.8414	84.14
104	30043	-0.2962	-0.1959	0.9699	-2.5255	1.4369	3.9624	0.8429	84.29
105	32878	-0.2992	-0.2187	0.9933	-2.5213	1.5973	4.1186	0.8345	83.45
106	27211	-0.3095	-0.2075	0.9635	-2.4763	1.4279	3.9042	0.8452	84.52
107	30634	-0.3103	-0.1932	0.9669	-2.4972	1.395	3.8922	0.844	84.4
108	29236	-0.313	-0.2175	0.9549	-2.498	1.4361	3.9341	0.8482	84.82
109	34236	-0.3146	-0.2029	0.9697	-2.4836	1.4525	3.9361	0.843	84.3
110	32997	-0.3175	-0.1933	0.965	-2.5891	1.4174	4.0066	0.8447	84.47
111	38941	-0.3334	-0.2177	0.9571	-2.5497	1.3863	3.936	0.8474	84.74
112	29215	-0.3425	-0.2125	0.9852	-2.6254	1.4448	4.0702	0.8375	83.75
113	40635	-0.3425	-0.2208	0.9597	-2.5758	1.3251	3.9009	0.8465	84.65
114	29369	-0.3449	-0.1914	1.0238	-2.8121	1.4029	4.215	0.8231	82.31
115	39042	-0.3516	-0.2261	0.9974	-2.7049	1.3665	4.0715	0.833	83.3
116	39022	-0.3517	-0.249	0.9734	-2.5631	1.4155	3.9786	0.8417	84.17
117	29257	-0.3541	-0.2503	0.9155	-2.4538	1.3138	3.7676	0.8615	86.15
118	31541	-0.3615	-0.2255	1.0114	-2.7506	1.4079	4.1585	0.8278	82.78
119	36043	-0.3654	-0.2188	1.0211	-2.7829	1.4624	4.2453	0.8241	82.41
120	33333	-0.3694	-0.2348	0.9953	-2.7454	1.3553	4.1008	0.8338	83.38
121	31535	-0.3712	-0.2524	0.957	-2.575	1.3217	3.8968	0.8475	84.75
122	40632	-0.3726	-0.2575	1.0182	-2.6788	1.4923	4.171	0.8252	82.52
123	38669	-0.3781	-0.2553	0.9748	-2.6634	1.3493	4.0127	0.8412	84.12
124	39472	-0.3817	-0.2433	0.9913	-2.6179	1.3448	3.9628	0.8353	83.53
125	34114	-0.3865	-0.2533	0.9703	-2.6354	1.2888	3.9242	0.8428	84.28
126	39296	-0.3888	-0.2761	1.0182	-2.6491	1.5139	4.163	0.8252	82.52
127	32334	-0.4094	-0.2684	1.0239	-2.8729	1.4076	4.2805	0.8231	82.31
128	33814	-0.4291	-0.2754	1.0196	-2.7787	1.3112	4.0899	0.8247	82.47
129	31724	-0.4301	-0.2872	1.0749	-2.9541	1.482	4.4361	0.8028	80.28
130	33168	-0.433	-0.2758	1.0464	-2.89	1.3139	4.2039	0.8143	81.43
131	29444	-0.4401	-0.273	1.0101	-2.833	1.32	4.1531	0.8283	82.83
132	33203	-0.4421	-0.2725	1.0408	-2.9119	1.3479	4.2598	0.8165	81.65
133	31427	-0.4791	-0.3047	1.043	-2.9863	1.2886	4.2749	0.8156	81.56
134	34728	-0.4884	-0.3032	1.07	-3.0728	1.2927	4.3655	0.8048	80.48
135	38553	-0.5103	-0.32	1.0553	-3.0094	1.1997	4.2091	0.8108	81.08

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	33331	-0.5123	-0.3324	1.0799	-3.0877	1.2516	4.3393	0.8007	80.07
137	39377	-0.5204	-0.3145	1.0817	-3.1528	1.2135	4.3663	0.8	80
138	30603	-0.5455	-0.3509	1.1004	-3.1802	1.2985	4.4787	0.7921	79.21
139	31914	-0.5814	-0.3498	1.1077	-3.1814	1.1919	4.3733	0.789	78.9
140	34732	-0.6591	-0.4877	1.0986	-3.2854	1.126	4.4114	0.7929	79.29
141	39465	-0.7147	-0.4049	1.2465	-3.8025	1.0892	4.8917	0.7224	72.24
142	32499	-0.8186	-0.5122	1.2883	-3.9183	1.0996	5.0178	0.6995	69.95
143	31717	-0.9993	-0.5645	1.5054	-4.8223	1.0823	5.9046	0.5502	55.02
144	28278	-1.4591	-0.8272	1.8274	-6.1816	0.628	6.8096	0	0

FPL

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	33331	8.0216	8.6314	2.3553	2.0591	11.0589	8.9998	0	0
2	31742	1.9137	1.9865	0.8043	0.1292	3.2763	3.1471	0.8682	86.82
3	28324	1.7906	1.8723	0.7467	0.1838	3.0922	2.9084	0.8876	88.76
4	31316	0.8126	0.8394	0.6307	-0.5142	1.9721	2.4863	0.9212	92.12
5	33814	0.7845	0.7958	0.6217	-0.4969	1.9291	2.426	0.9235	92.35
6	32859	0.7787	0.8125	0.6431	-0.5719	1.9826	2.5545	0.9179	91.79
7	31724	0.6999	0.7014	0.5994	-0.5061	1.887	2.3932	0.9291	92.91
8	31717	0.6786	0.6899	0.5997	-0.5288	1.8638	2.3925	0.929	92.9
9	27239	0.5893	0.6179	0.5858	-0.6093	1.6875	2.2968	0.9324	93.24
10	29910	0.5875	0.5912	0.6201	-0.6495	1.7761	2.4256	0.9239	92.39
11	27509	0.5745	0.5943	0.6251	-0.6558	1.7766	2.4323	0.9226	92.26
12	27378	0.5652	0.5768	0.6271	-0.6903	1.7883	2.4786	0.9221	92.21
13	39662	0.5607	0.5732	0.624	-0.7248	1.7394	2.4643	0.9229	92.29
14	32050	0.5511	0.5722	0.6193	-0.6958	1.765	2.4608	0.9241	92.41
15	30073	0.5473	0.5695	0.5957	-0.6579	1.688	2.3459	0.93	93
16	27836	0.547	0.5468	0.6136	-0.6953	1.7253	2.4206	0.9256	92.56
17	30603	0.5393	0.5489	0.6017	-0.7303	1.7027	2.433	0.9285	92.85
18	28378	0.5356	0.5507	0.6111	-0.7106	1.7061	2.4167	0.9262	92.62
19	32334	0.5316	0.5392	0.6182	-0.7277	1.7159	2.4436	0.9244	92.44
20	34303	0.5293	0.5454	0.6235	-0.7372	1.7206	2.4579	0.923	92.3
21	38553	0.5214	0.537	0.6007	-0.7157	1.6438	2.3595	0.9288	92.88
22	32206	0.5204	0.5328	0.6274	-0.7522	1.7362	2.4885	0.922	92.2
23	29236	0.5175	0.5297	0.6071	-0.6916	1.6653	2.3569	0.9272	92.72
24	33809	0.5113	0.5153	0.6239	-0.7213	1.7404	2.4617	0.9229	92.29
25	38648	0.5085	0.5178	0.5929	-0.6989	1.6452	2.3441	0.9307	93.07
26	31854	0.5061	0.5313	0.5975	-0.735	1.6268	2.3618	0.9296	92.96
27	38547	0.5056	0.5184	0.6061	-0.7683	1.6679	2.4362	0.9274	92.74
28	29444	0.5054	0.5188	0.6019	-0.6913	1.6698	2.3611	0.9285	92.85
29	28494	0.4983	0.5096	0.5996	-0.7198	1.6372	2.357	0.9291	92.91
30	31980	0.4979	0.5067	0.6016	-0.7134	1.6643	2.3777	0.9286	92.86

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	30485	0.4942	0.498	0.5982	-0.7048	1.6758	2.3805	0.9294	92.94
32	38941	0.4936	0.5105	0.5872	-0.7013	1.6116	2.3129	0.9321	93.21
33	39042	0.4825	0.4949	0.6039	-0.7392	1.6407	2.3799	0.928	92.8
34	31004	0.4791	0.4948	0.6068	-0.7321	1.6312	2.3633	0.9273	92.73
35	30790	0.4742	0.4861	0.5978	-0.7487	1.6226	2.3712	0.9295	92.95
36	31431	0.4682	0.481	0.5934	-0.7711	1.5619	2.333	0.9306	93.06
37	32072	0.4652	0.4862	0.5981	-0.7561	1.6078	2.3639	0.9294	92.94
38	31432	0.4651	0.4854	0.6011	-0.7348	1.6304	2.3652	0.9287	92.87
39	31427	0.4611	0.468	0.5946	-0.7334	1.5762	2.3096	0.9303	93.03
40	32658	0.4608	0.4851	0.5866	-0.7069	1.5778	2.2847	0.9322	93.22
41	32328	0.4502	0.4736	0.5856	-0.732	1.5752	2.3071	0.9325	93.25
42	30206	0.4479	0.4613	0.5969	-0.7862	1.6005	2.3866	0.9297	92.97
43	32410	0.4444	0.4668	0.585	-0.7631	1.562	2.3251	0.9326	93.26
44	33168	0.4407	0.4548	0.5953	-0.7807	1.5561	2.3368	0.9301	93.01
45	34089	0.4369	0.4443	0.5987	-0.7894	1.6013	2.3907	0.9293	92.93
46	29215	0.4306	0.4444	0.5909	-0.7322	1.5866	2.3188	0.9312	93.12
47	33333	0.4288	0.4351	0.5963	-0.7679	1.5943	2.3622	0.9299	92.99
48	39571	0.4259	0.4354	0.6258	-0.8333	1.623	2.4563	0.9224	92.24
49	32928	0.4157	0.4183	0.5961	-0.7868	1.5305	2.3173	0.9299	92.99
50	34094	0.3998	0.4134	0.604	-0.8077	1.5711	2.3788	0.928	92.8
51	31723	0.3458	0.339	0.5922	-0.7988	1.5256	2.3244	0.9309	93.09
52	32398	0.3433	0.3506	0.6065	-0.8751	1.536	2.4111	0.9273	92.73
53	36112	0.3002	0.2993	0.5993	-0.9027	1.4761	2.3788	0.9291	92.91
54	35047	0.2639	0.2637	0.5937	-0.9459	1.4213	2.3672	0.9305	93.05
55	36043	0.2177	0.2275	0.5936	-0.9859	1.3793	2.3652	0.9305	93.05
56	34728	0.2009	0.202	0.5842	-0.9399	1.3732	2.3131	0.9328	93.28
57	34114	0.1967	0.2056	0.5887	-0.9905	1.3549	2.3454	0.9317	93.17
58	40635	0.1778	0.1853	0.6004	-1.0143	1.3458	2.3601	0.9289	92.89
59	39465	0.1627	0.1714	0.6039	-1.0484	1.3318	2.3802	0.928	92.8
60	34732	0.1513	0.1679	0.6022	-1.0725	1.335	2.4074	0.9284	92.84
61	31430	0.1251	0.1161	0.5727	-1.0046	1.2729	2.2775	0.9355	93.55
62	33889	0.1119	0.1012	0.6032	-1.1041	1.3477	2.4518	0.9282	92.82
63	33203	0.082	0.0883	0.5868	-1.0861	1.2538	2.3399	0.9322	93.22
64	35279	0.0789	0.0796	0.5825	-1.1056	1.2219	2.3274	0.9332	93.32
65	34218	0.0442	0.0485	0.59	-1.117	1.1891	2.306	0.9314	93.14

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	39440	0.043	0.0376	0.6	-1.1385	1.2513	2.3898	0.929	92.9
67	17965	0.0255	0.0154	0.6297	-1.1903	1.2752	2.4654	0.9215	92.15
68	23729	0.0221	0.0232	0.6655	-1.2993	1.3553	2.6546	0.9118	91.18
69	27301	0.0091	0.0169	0.532	-1.0639	1.049	2.113	0.9446	94.46
70	20548	0.0087	0.0008	0.5826	-1.1486	1.144	2.2927	0.9332	93.32
71	38835	-0.0073	-0.0109	0.59	-1.172	1.1492	2.3213	0.9314	93.14
72	38896	-0.0561	-0.0571	0.5891	-1.2231	1.0912	2.3143	0.9316	93.16
73	32997	-0.0601	-0.0551	0.5811	-1.1997	1.0672	2.2669	0.9335	93.35
74	31535	-0.0929	-0.0909	0.6105	-1.2861	1.1305	2.4166	0.9263	92.63
75	19145	-0.1099	-0.1294	0.6002	-1.2795	1.0894	2.3689	0.9289	92.89
76	39377	-0.1166	-0.1195	0.5972	-1.2877	1.0894	2.3771	0.9297	92.97
77	27211	-0.1197	-0.1257	0.6039	-1.2994	1.1101	2.4096	0.928	92.8
78	38914	-0.1256	-0.1339	0.5902	-1.2775	1.0732	2.3507	0.9313	93.13
79	33191	-0.1277	-0.1324	0.6044	-1.2912	1.0639	2.3551	0.9279	92.79
80	28278	-0.1283	-0.1251	0.5761	-1.2694	0.9914	2.2608	0.9347	93.47
81	27937	-0.1399	-0.1353	0.6009	-1.3434	1.0755	2.4189	0.9287	92.87
82	31440	-0.1408	-0.1495	0.5981	-1.2958	1.0918	2.3876	0.9294	92.94
83	29151	-0.1429	-0.1487	0.578	-1.2524	1.0109	2.2634	0.9342	93.42
84	19341	-0.1435	-0.1501	0.5961	-1.3003	1.0457	2.346	0.9299	92.99
85	19044	-0.1495	-0.1564	0.579	-1.2784	1.0264	2.3048	0.934	93.4
86	30043	-0.1629	-0.1672	0.581	-1.307	1.0087	2.3157	0.9335	93.35
87	29636	-0.1645	-0.1742	0.5871	-1.2911	1.0311	2.3221	0.9321	93.21
88	34005	-0.1648	-0.1791	0.5882	-1.3426	1.0212	2.3638	0.9318	93.18
89	32542	-0.1699	-0.171	0.6055	-1.3716	1.0162	2.3878	0.9276	92.76
90	29952	-0.1895	-0.1843	0.5713	-1.3108	0.9374	2.2482	0.9358	93.58
91	39482	-0.1953	-0.2063	0.5964	-1.3662	0.9867	2.3529	0.9299	92.99
92	38669	-0.2008	-0.2076	0.5823	-1.3663	0.9756	2.342	0.9332	93.32
93	33047	-0.2029	-0.2069	0.5892	-1.3674	1.0095	2.3768	0.9316	93.16
94	30982	-0.2067	-0.2101	0.5895	-1.3613	0.9651	2.3264	0.9315	93.15
95	30891	-0.212	-0.2166	0.5944	-1.3635	0.9884	2.352	0.9303	93.03
96	30634	-0.2144	-0.2079	0.5802	-1.3809	0.9218	2.3027	0.9337	93.37
97	38879	-0.2164	-0.221	0.5858	-1.3915	0.9435	2.335	0.9324	93.24
98	31914	-0.2196	-0.2244	0.5836	-1.3493	0.999	2.3483	0.9329	93.29
99	31549	-0.2235	-0.2419	0.5814	-1.3539	0.9714	2.3253	0.9334	93.34
100	31515	-0.2271	-0.231	0.5982	-1.386	0.9683	2.3543	0.9294	92.94

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	38603	-0.2355	-0.244	0.5932	-1.3991	0.9786	2.3778	0.9306	93.06
102	34146	-0.2363	-0.2306	0.5965	-1.4034	0.9447	2.3481	0.9298	92.98
103	20131	-0.2389	-0.2413	0.5871	-1.3933	0.9656	2.3589	0.9321	93.21
104	30788	-0.2511	-0.2673	0.5956	-1.3929	0.9541	2.347	0.93	93
105	33988	-0.2617	-0.2676	0.5751	-1.3912	0.873	2.2642	0.9349	93.49
106	32504	-0.2718	-0.2912	0.6114	-1.4341	0.975	2.4092	0.9261	92.61
107	34731	-0.2725	-0.2753	0.6018	-1.469	0.9234	2.3924	0.9285	92.85
108	32499	-0.2772	-0.2782	0.6044	-1.4822	0.9157	2.3979	0.9279	92.79
109	28680	-0.312	-0.3308	0.6121	-1.501	0.9489	2.4499	0.9259	92.59
110	34729	-0.3317	-0.3569	0.6147	-1.5143	0.9478	2.4621	0.9253	92.53
111	29369	-0.3418	-0.3594	0.6176	-1.5209	0.901	2.4219	0.9246	92.46
112	29257	-0.347	-0.3563	0.5889	-1.5254	0.8191	2.3445	0.9317	93.17
113	32460	-0.3849	-0.4025	0.598	-1.5441	0.8108	2.355	0.9294	92.94
114	33945	-0.4427	-0.4563	0.5998	-1.5808	0.7611	2.342	0.929	92.9
115	32878	-0.45	-0.4577	0.6142	-1.6368	0.8412	2.478	0.9254	92.54
116	35375	-0.4683	-0.4703	0.6262	-1.6769	0.7668	2.4437	0.9224	92.24
117	30869	-0.4693	-0.4781	0.6102	-1.6792	0.7444	2.4236	0.9264	92.64
118	35257	-0.5319	-0.5494	0.6299	-1.7183	0.7641	2.4824	0.9214	92.14
119	31541	-0.547	-0.5598	0.6263	-1.74	0.7132	2.4532	0.9223	92.23
120	33812	-0.5482	-0.5588	0.6086	-1.7176	0.6816	2.3992	0.9268	92.68
121	34236	-0.5512	-0.5692	0.5997	-1.6874	0.6505	2.3379	0.929	92.9
122	31111	-0.6655	-0.6849	0.628	-1.8854	0.6203	2.5057	0.9219	92.19
123	34283	-0.6664	-0.681	0.6064	-1.8334	0.5788	2.4122	0.9274	92.74
124	40632	-0.7016	-0.7286	0.6373	-1.892	0.564	2.456	0.9195	91.95
125	30647	-0.7223	-0.7519	0.652	-1.9558	0.6231	2.579	0.9155	91.55
126	34084	-0.7274	-0.7492	0.611	-1.8783	0.5222	2.4005	0.9262	92.62
127	27883	-0.8417	-0.8615	0.6109	-2.0012	0.3945	2.3957	0.9262	92.62
128	32608	-0.8422	-0.8661	0.6505	-2.0535	0.518	2.5716	0.9159	91.59
129	38569	-0.8517	-0.8786	0.6611	-2.0805	0.5217	2.6022	0.913	91.3
130	35186	-0.8629	-0.8993	0.6653	-2.1246	0.4811	2.6058	0.9119	91.19
131	31425	-0.8639	-0.8967	0.6363	-2.0439	0.3998	2.4438	0.9197	91.97
132	34004	-0.8943	-0.9278	0.6353	-2.0829	0.4234	2.5063	0.92	92
133	38939	-0.9131	-0.9522	0.6369	-2.0621	0.4411	2.5031	0.9196	91.96
134	32604	-1.0319	-1.0746	0.6352	-2.2059	0.3039	2.5099	0.92	92
135	32505	-1.1939	-1.2457	0.6926	-2.4297	0.2816	2.7113	0.9041	90.41

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	39376	-1.2735	-1.3262	0.6807	-2.4814	0.1798	2.6612	0.9075	90.75
137	31630	-1.4422	-1.5076	0.7113	-2.6871	0.0812	2.7682	0.8986	89.86
138	31629	-1.6178	-1.7006	0.7502	-2.9173	0.0202	2.9375	0.8864	88.64
139	39022	-1.8762	-1.9584	0.7176	-3.1156	-0.284	2.8316	0.8966	89.66
140	39472	-2.0283	-2.1345	0.8289	-3.4122	-0.1719	3.2403	0.8593	85.93
141	39081	-2.0313	-2.1064	0.7242	-3.2783	-0.3762	2.9021	0.8946	89.46
142	38600	-2.2803	-2.3628	0.7608	-3.5282	-0.5302	2.998	0.883	88.3
143	39779	-2.5285	-2.6533	0.8641	-3.9502	-0.5269	3.4232	0.846	84.6
144	39296	-2.5338	-2.6467	0.8081	-3.8419	-0.6122	3.2296	0.8669	86.69

HPL

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	33331	6.8546	7.2681	1.7544	2.3403	9.1556	6.8153	0	0
2	34303	1.2095	1.2519	0.6035	-0.0956	2.2861	2.3817	0.9129	91.29
3	34089	1.2014	1.2411	0.608	-0.0978	2.2991	2.3968	0.9115	91.15
4	30790	1.1924	1.2293	0.6062	-0.1594	2.2343	2.3937	0.9121	91.21
5	31316	0.8682	0.905	0.5727	-0.3455	1.9141	2.2596	0.9219	92.19
6	30206	0.8378	0.8722	0.5627	-0.343	1.8851	2.2281	0.9247	92.47
7	29215	0.7999	0.8259	0.561	-0.3484	1.8331	2.1815	0.9252	92.52
8	40635	0.7813	0.7949	0.5707	-0.364	1.8521	2.2161	0.9225	92.25
9	39440	0.6044	0.6204	0.5503	-0.5269	1.6561	2.183	0.9282	92.82
10	31717	0.5894	0.6043	0.5438	-0.5498	1.624	2.1738	0.9299	92.99
11	39662	0.5755	0.5915	0.5487	-0.5275	1.6167	2.1442	0.9286	92.86
12	31724	0.5755	0.5872	0.5363	-0.5344	1.616	2.1504	0.9319	93.19
13	30603	0.5718	0.5669	0.5435	-0.5434	1.6249	2.1683	0.93	93
14	28324	0.549	0.5627	0.4993	-0.4401	1.5171	1.9572	0.9412	94.12
15	32859	0.5451	0.5654	0.5556	-0.5708	1.6071	2.1779	0.9267	92.67
16	38648	0.5244	0.5264	0.5341	-0.572	1.5675	2.1395	0.9325	93.25
17	27211	0.522	0.5377	0.5482	-0.5742	1.5438	2.118	0.9287	92.87
18	29257	0.5199	0.5301	0.5371	-0.5581	1.5516	2.1097	0.9317	93.17
19	33809	0.5169	0.5332	0.5572	-0.6362	1.5735	2.2097	0.9263	92.63
20	31440	0.5158	0.5322	0.5418	-0.6156	1.5322	2.1477	0.9304	93.04
21	32928	0.5139	0.537	0.5433	-0.5894	1.5838	2.1731	0.93	93
22	19145	0.5122	0.5284	0.5557	-0.6277	1.5593	2.187	0.9267	92.67
23	31430	0.5116	0.529	0.5255	-0.5764	1.5149	2.0913	0.9347	93.47
24	27509	0.5106	0.5236	0.5564	-0.635	1.5887	2.2237	0.9265	92.65
25	33047	0.5099	0.5194	0.542	-0.6087	1.5267	2.1354	0.9304	93.04
26	31854	0.5097	0.5288	0.5305	-0.5919	1.521	2.1129	0.9334	93.34
27	27937	0.507	0.5184	0.5441	-0.6249	1.5413	2.1662	0.9298	92.98
28	38547	0.5065	0.5253	0.5458	-0.59	1.558	2.148	0.9294	92.94
29	38669	0.5047	0.5145	0.5334	-0.5411	1.5541	2.0952	0.9327	93.27
30	29910	0.5041	0.5285	0.5459	-0.6216	1.5396	2.1612	0.9293	92.93

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	39465	0.5041	0.5112	0.5411	-0.5615	1.5673	2.1289	0.9306	93.06
32	38879	0.5036	0.5242	0.5331	-0.5787	1.5105	2.0891	0.9327	93.27
33	31980	0.5034	0.5186	0.5317	-0.5798	1.5203	2.1001	0.9331	93.31
34	27836	0.502	0.5159	0.552	-0.6189	1.5681	2.187	0.9277	92.77
35	32604	0.4992	0.516	0.5462	-0.614	1.5679	2.1818	0.9293	92.93
36	31914	0.4981	0.4991	0.5438	-0.6253	1.5347	2.16	0.9299	92.99
37	32410	0.4969	0.5142	0.5304	-0.5734	1.5067	2.08	0.9334	93.34
38	31742	0.4966	0.5166	0.5351	-0.6195	1.5084	2.1279	0.9322	93.22
39	30982	0.4964	0.5081	0.5457	-0.625	1.5154	2.1405	0.9294	92.94
40	29236	0.4959	0.5102	0.542	-0.5769	1.5408	2.1177	0.9304	93.04
41	38914	0.4936	0.509	0.5451	-0.6542	1.5555	2.2097	0.9295	92.95
42	33203	0.4923	0.5086	0.5421	-0.6071	1.5291	2.1362	0.9303	93.03
43	36112	0.4809	0.4896	0.5412	-0.6012	1.5359	2.1371	0.9306	93.06
44	27239	0.4674	0.485	0.5362	-0.6046	1.4857	2.0902	0.9319	93.19
45	33814	0.4586	0.4714	0.5464	-0.6534	1.4865	2.1399	0.9292	92.92
46	34094	0.4362	0.4472	0.5289	-0.6514	1.4488	2.1002	0.9338	93.38
47	28494	0.3982	0.4127	0.5378	-0.7149	1.4105	2.1255	0.9315	93.15
48	36043	0.3451	0.3522	0.5356	-0.7226	1.4113	2.1338	0.9321	93.21
49	30869	0.3429	0.3501	0.5451	-0.7484	1.4404	2.1887	0.9295	92.95
50	27301	0.335	0.3537	0.4882	-0.6405	1.2728	1.9133	0.9439	94.39
51	38569	0.2272	0.2359	0.5316	-0.8449	1.2604	2.1053	0.9331	93.31
52	33889	0.2184	0.2246	0.5398	-0.8524	1.2828	2.1352	0.931	93.1
53	34729	0.2037	0.1986	0.5405	-0.8588	1.2958	2.1546	0.9308	93.08
54	34114	0.1691	0.1786	0.5238	-0.8837	1.2008	2.0845	0.9351	93.51
55	31004	0.1669	0.1665	0.5356	-0.9097	1.2305	2.1402	0.9321	93.21
56	17965	0.1577	0.1623	0.5605	-0.9535	1.2785	2.232	0.9254	92.54
57	30647	0.1571	0.1654	0.5261	-0.9045	1.1788	2.0833	0.9345	93.45
58	34732	0.1328	0.1411	0.5489	-0.9554	1.1819	2.1373	0.9285	92.85
59	29369	0.1291	0.1274	0.5335	-0.9159	1.1997	2.1155	0.9326	93.26
60	33988	0.1251	0.1336	0.532	-0.9264	1.1643	2.0907	0.933	93.3
61	34236	0.1205	0.1278	0.5201	-0.9214	1.1363	2.0578	0.9361	93.61
62	29151	0.1127	0.1211	0.5284	-0.9515	1.162	2.1135	0.9339	93.39
63	34146	0.0811	0.0899	0.5234	-0.9621	1.1109	2.073	0.9352	93.52
64	38896	0.0723	0.0703	0.5287	-0.957	1.1224	2.0794	0.9339	93.39
65	35047	0.0238	0.0218	0.5384	-1.0446	1.0947	2.1393	0.9313	93.13

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	34004	0.0202	0.0092	0.5349	-1.0302	1.0819	2.1121	0.9323	93.23
67	39571	-0.0326	-0.036	0.5448	-1.1008	1.0805	2.1813	0.9296	92.96
68	32997	-0.0364	-0.0422	0.5351	-1.1168	1.0116	2.1284	0.9322	93.22
69	32460	-0.0369	-0.0484	0.5329	-1.0773	1.0459	2.1232	0.9328	93.28
70	39377	-0.058	-0.0625	0.5335	-1.0854	1.0194	2.1048	0.9326	93.26
71	34283	-0.0805	-0.0892	0.5325	-1.1192	0.9603	2.0795	0.9329	93.29
72	31723	-0.1218	-0.1263	0.5441	-1.1786	0.9852	2.1639	0.9298	92.98
73	32499	-0.1259	-0.1336	0.5397	-1.2005	0.9872	2.1878	0.931	93.1
74	27883	-0.1371	-0.1454	0.5269	-1.1458	0.9022	2.048	0.9343	93.43
75	39482	-0.1402	-0.1544	0.524	-1.1407	0.9309	2.0716	0.9351	93.51
76	34005	-0.1455	-0.1437	0.5299	-1.2203	0.9161	2.1364	0.9336	93.36
77	32050	-0.151	-0.1697	0.5361	-1.1782	0.9361	2.1143	0.9319	93.19
78	31515	-0.1567	-0.1641	0.5396	-1.2216	0.9295	2.1512	0.931	93.1
79	32504	-0.1699	-0.1782	0.5485	-1.2563	0.9468	2.2031	0.9286	92.86
80	20548	-0.1719	-0.1753	0.5265	-1.1988	0.9105	2.1092	0.9344	93.44
81	20131	-0.1838	-0.1923	0.5334	-1.2437	0.906	2.1497	0.9326	93.26
82	38939	-0.1856	-0.1961	0.518	-1.1915	0.8743	2.0658	0.9366	93.66
83	32072	-0.1856	-0.1936	0.53	-1.2575	0.8754	2.1329	0.9335	93.35
84	30891	-0.1867	-0.1975	0.5354	-1.2273	0.9136	2.1409	0.9321	93.21
85	33333	-0.1883	-0.1831	0.5391	-1.2497	0.8904	2.1401	0.9311	93.11
86	27378	-0.1894	-0.204	0.5469	-1.2566	0.9082	2.1648	0.9291	92.91
87	33168	-0.1902	-0.1931	0.5261	-1.2005	0.8693	2.0699	0.9345	93.45
88	33191	-0.1906	-0.1862	0.5502	-1.2745	0.9197	2.1942	0.9282	92.82
89	30485	-0.1906	-0.1962	0.5331	-1.2064	0.8831	2.0895	0.9327	93.27
90	30043	-0.1911	-0.1981	0.5425	-1.2452	0.9045	2.1497	0.9302	93.02
91	39042	-0.1914	-0.1877	0.5353	-1.2542	0.87	2.1242	0.9321	93.21
92	23729	-0.1917	-0.1912	0.592	-1.3561	0.9308	2.2869	0.9163	91.63
93	31427	-0.1931	-0.1896	0.5224	-1.2061	0.8393	2.0453	0.9355	93.55
94	31425	-0.1932	-0.1963	0.5313	-1.2586	0.9074	2.1661	0.9332	93.32
95	32608	-0.1936	-0.1998	0.5374	-1.2608	0.8964	2.1571	0.9316	93.16
96	28378	-0.1946	-0.1983	0.5375	-1.2346	0.8918	2.1264	0.9316	93.16
97	29444	-0.195	-0.1982	0.5184	-1.202	0.8279	2.0299	0.9365	93.65
98	29636	-0.1957	-0.1982	0.5349	-1.2432	0.8883	2.1315	0.9323	93.23
99	31432	-0.1961	-0.1935	0.5204	-1.201	0.8277	2.0287	0.936	93.6
100	32206	-0.1977	-0.2019	0.5364	-1.2349	0.8866	2.1216	0.9319	93.19

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	38553	-0.198	-0.1988	0.5302	-1.2668	0.8675	2.1343	0.9335	93.35
102	38941	-0.1987	-0.2129	0.512	-1.188	0.8493	2.0373	0.9381	93.81
103	32328	-0.1993	-0.2087	0.5287	-1.2524	0.8494	2.1018	0.9339	93.39
104	32334	-0.2	-0.2079	0.5311	-1.2411	0.9051	2.1463	0.9333	93.33
105	31535	-0.2	-0.1992	0.5481	-1.2851	0.9022	2.1873	0.9287	92.87
106	32542	-0.2021	-0.2055	0.5317	-1.2369	0.8589	2.0958	0.9331	93.31
107	30634	-0.2026	-0.2054	0.5249	-1.2305	0.8469	2.0774	0.9349	93.49
108	31549	-0.2058	-0.217	0.5298	-1.2353	0.865	2.1002	0.9336	93.36
109	19044	-0.2075	-0.2072	0.5338	-1.2434	0.8552	2.0986	0.9325	93.25
110	32658	-0.2113	-0.2225	0.5371	-1.2505	0.8851	2.1355	0.9317	93.17
111	19341	-0.2115	-0.2131	0.5265	-1.237	0.8276	2.0646	0.9344	93.44
112	30788	-0.2142	-0.223	0.5348	-1.2714	0.862	2.1334	0.9323	93.23
113	34731	-0.2245	-0.23	0.5365	-1.2745	0.8411	2.1156	0.9318	93.18
114	34218	-0.2917	-0.2969	0.5277	-1.3043	0.7936	2.0979	0.9341	93.41
115	35186	-0.3064	-0.3107	0.5419	-1.374	0.7497	2.1237	0.9304	93.04
116	34728	-0.3294	-0.3586	0.5497	-1.3952	0.7841	2.1793	0.9283	92.83
117	35279	-0.4095	-0.4172	0.5443	-1.4373	0.6875	2.1248	0.9298	92.98
118	40632	-0.4176	-0.4373	0.5602	-1.4696	0.7394	2.209	0.9254	92.54
119	31541	-0.4492	-0.4538	0.5427	-1.4925	0.6315	2.124	0.9302	93.02
120	32398	-0.5003	-0.5198	0.5508	-1.54	0.6285	2.1685	0.928	92.8
121	35257	-0.5006	-0.5175	0.5503	-1.5533	0.5882	2.1415	0.9281	92.81
122	33812	-0.5297	-0.5426	0.5402	-1.552	0.5689	2.121	0.9309	93.09
123	28680	-0.5391	-0.5407	0.5552	-1.6201	0.5571	2.1772	0.9268	92.68
124	32505	-0.6064	-0.628	0.5573	-1.6421	0.5411	2.1832	0.9262	92.62
125	38835	-0.6089	-0.6434	0.572	-1.6976	0.6132	2.3109	0.9221	92.21
126	35375	-0.6361	-0.6584	0.5591	-1.674	0.5045	2.1785	0.9257	92.57
127	31111	-0.6501	-0.6729	0.5512	-1.7111	0.4722	2.1833	0.9279	92.79
128	33945	-0.6739	-0.6865	0.5586	-1.7324	0.4736	2.206	0.9259	92.59
129	32878	-0.7512	-0.7706	0.5672	-1.8217	0.4348	2.2565	0.9235	92.35
130	34084	-0.7716	-0.7826	0.5694	-1.8593	0.3712	2.2305	0.9229	92.29
131	39376	-0.8144	-0.839	0.5675	-1.8591	0.3602	2.2193	0.9234	92.34
132	28278	-0.8212	-0.8507	0.5698	-1.8671	0.3594	2.2265	0.9227	92.27
133	29952	-0.8867	-0.9131	0.5614	-1.9263	0.2805	2.2068	0.9251	92.51
134	30073	-0.897	-0.9337	0.5658	-1.9499	0.2985	2.2484	0.9239	92.39
135	31431	-0.904	-0.925	0.5687	-1.9403	0.294	2.2343	0.923	92.3

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31630	-1.2192	-1.2708	0.6152	-2.2962	0.1335	2.4297	0.9093	90.93
137	38603	-1.6054	-1.6693	0.6639	-2.7379	-0.1239	2.614	0.8935	89.35
138	31629	-1.7127	-1.7817	0.6849	-2.8957	-0.2097	2.686	0.8862	88.62
139	39472	-2.0269	-2.118	0.7321	-3.2245	-0.3895	2.835	0.8688	86.88
140	38600	-2.2471	-2.3109	0.636	-3.3262	-0.7759	2.5503	0.9027	90.27
141	39081	-2.2848	-2.3782	0.6851	-3.4282	-0.6856	2.7426	0.8862	88.62
142	39022	-2.5266	-2.6298	0.7206	-3.6566	-0.8133	2.8433	0.8732	87.32
143	39296	-2.5869	-2.6787	0.724	-3.7862	-0.8662	2.92	0.8719	87.19
144	39779	-2.7664	-2.8645	0.7561	-4.0094	-0.9801	3.0293	0.8593	85.93

NL

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	38835	4.1915	4.333	3.034	-0.4961	9.1499	9.6459	0.5293	52.93
2	34146	3.2898	3.0992	2.7458	-0.8658	7.9829	8.8487	0.6407	64.07
3	31427	3.2888	3.1212	2.6933	-0.6963	7.9141	8.6104	0.6578	65.78
4	27239	3.1378	2.9291	2.6088	-0.7343	7.8634	8.5976	0.684	68.4
5	39081	3.0149	3.0645	2.3252	-0.7778	7.027	7.8048	0.7597	75.97
6	38603	2.8787	2.7228	2.4737	-0.9538	7.2666	8.2205	0.7221	72.21
7	39662	2.8363	2.6711	2.5108	-1.0256	7.3975	8.4231	0.7121	71.21
8	29215	2.8173	2.5834	2.4634	-0.985	7.2568	8.2418	0.7249	72.49
9	39779	2.8047	2.7758	2.2857	-0.8756	6.9519	7.8276	0.7691	76.91
10	30634	2.7885	2.5203	2.4578	-0.9512	7.1211	8.0723	0.7264	72.64
11	39022	2.6308	2.6214	2.133	-0.8194	6.4463	7.2657	0.8026	80.26
12	39296	2.5026	2.5472	2.0616	-0.9964	6.2053	7.2017	0.8171	81.71
13	38600	2.4404	2.4152	1.9444	-0.6898	6.1649	6.8547	0.8393	83.93
14	28494	2.4404	2.4969	1.9776	-0.8548	6.1452	7	0.8332	83.32
15	28378	2.3971	2.2805	2.19	-1.1003	6.344	7.4443	0.7905	79.05
16	39042	2.3807	2.2802	2.1731	-1.1033	6.2131	7.3164	0.7942	79.42
17	38879	2.3465	2.2105	2.166	-1.1533	6.1757	7.329	0.7957	79.57
18	40632	2.3009	2.1737	2.196	-1.2667	6.3038	7.5705	0.7892	78.92
19	34283	2.1444	1.9924	2.1773	-1.3976	6.0448	7.4425	0.7933	79.33
20	31316	1.9325	1.8152	1.9187	-1.2778	5.475	6.7528	0.8439	84.39
21	32608	1.9263	1.7309	1.9673	-1.2378	5.6254	6.8632	0.8351	83.51
22	34004	1.8918	1.7366	1.9114	-1.268	5.4707	6.7387	0.8452	84.52
23	30485	1.4795	1.3779	1.7263	-1.5565	4.8395	6.396	0.8758	87.58
24	32504	1.4755	1.4215	1.7483	-1.6737	4.8717	6.5454	0.8723	87.23
25	39377	1.4498	1.2882	1.721	-1.5253	4.8629	6.3882	0.8766	87.66
26	35047	1.4379	1.2936	1.7303	-1.6247	4.8672	6.4919	0.8751	87.51
27	28324	1.4253	1.1756	1.8399	-1.733	5.0621	6.7952	0.8575	85.75
28	34084	1.4234	1.3119	1.7002	-1.5288	4.6835	6.2124	0.8798	87.98
29	34114	1.4211	1.2913	1.6714	-1.4891	4.601	6.09	0.8841	88.41
30	38547	1.4193	1.3178	1.7199	-1.5974	4.7403	6.3377	0.8767	87.67

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	33331	1.4112	1.2497	1.7115	-1.5654	4.7984	6.3638	0.878	87.8
32	32658	1.4006	1.2762	1.6884	-1.5794	4.6428	6.2222	0.8815	88.15
33	40635	1.3449	1.1514	1.721	-1.6969	4.6948	6.3917	0.8766	87.66
34	33889	1.0738	1.0099	1.6009	-1.9826	4.23	6.2126	0.8942	89.42
35	31742	1.0435	0.9193	1.5745	-1.872	4.2074	6.0794	0.8979	89.79
36	30647	1.0418	0.9077	1.5882	-1.8734	4.3472	6.2206	0.896	89.6
37	32398	1.0414	0.8986	1.5298	-1.7867	4.3158	6.1026	0.9039	90.39
38	34303	1.0243	0.9121	1.5646	-1.9616	4.239	6.2006	0.8992	89.92
39	39440	1.0041	0.8699	1.5614	-1.8612	4.2013	6.0626	0.8996	89.96
40	38553	0.9917	0.9011	1.5463	-1.9852	4.0311	6.0163	0.9017	90.17
41	31425	0.9894	0.8778	1.5162	-1.8844	4.0627	5.9471	0.9057	90.57
42	29236	0.9781	0.8217	1.5736	-2.0189	4.2054	6.2243	0.898	89.8
43	31629	0.9754	0.8505	1.5394	-1.9118	4.0316	5.9434	0.9026	90.26
44	32997	0.9752	0.8583	1.5321	-1.9369	4.0971	6.034	0.9036	90.36
45	34005	0.9747	0.8755	1.5358	-1.9132	4.12	6.0332	0.9031	90.31
46	34236	0.963	0.8704	1.5309	-1.9129	4.0188	5.9316	0.9037	90.37
47	31549	0.9391	0.8463	1.5072	-1.9316	3.9913	5.9229	0.9068	90.68
48	39482	0.9258	0.8206	1.5667	-2.0694	4.0263	6.0957	0.8989	89.89
49	29369	0.619	0.5239	1.4778	-2.3833	3.6892	6.0725	0.9106	91.06
50	38569	0.6157	0.5104	1.4911	-2.3086	3.7909	6.0995	0.9089	90.89
51	29636	0.5718	0.5114	1.4151	-2.2272	3.51	5.7372	0.9184	91.84
52	27836	0.5389	0.4604	1.447	-2.4597	3.5281	5.9878	0.9145	91.45
53	19341	0.5124	0.4374	1.4271	-2.3251	3.4373	5.7623	0.9169	91.69
54	33809	0.5108	0.4551	1.4755	-2.3907	3.4973	5.888	0.9109	91.09
55	33168	0.5087	0.4541	1.4193	-2.3083	3.447	5.7553	0.9179	91.79
56	30206	0.4999	0.4241	1.5326	-2.5634	3.4374	6.0008	0.9035	90.35
57	34218	0.4928	0.4388	1.4106	-2.3561	3.3949	5.751	0.9189	91.89
58	38896	0.4687	0.3935	1.3913	-2.3674	3.4363	5.8037	0.9212	92.12
59	32328	0.4563	0.4173	1.4187	-2.4003	3.4273	5.8276	0.9179	91.79
60	32928	0.4496	0.394	1.4167	-2.4836	3.3929	5.8765	0.9182	91.82
61	33988	0.4476	0.363	1.3778	-2.2873	3.3418	5.6291	0.9228	92.28
62	36112	0.3528	0.3448	1.4803	-2.7284	3.3448	6.0732	0.9103	91.03
63	29151	0.2928	0.234	1.3893	-2.4949	3.1446	5.6395	0.9214	92.14
64	27378	0.1187	0.1001	1.4179	-2.7491	3.1315	5.8806	0.918	91.8
65	28680	0.1182	0.0781	1.3956	-2.7043	3.0471	5.7513	0.9207	92.07

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	38914	0.1151	0.0773	1.4062	-2.8103	3.0662	5.8765	0.9194	91.94
67	27211	0.1141	0.0838	1.4085	-2.7216	2.9951	5.7167	0.9192	91.92
68	27509	0.1041	0.0961	1.4099	-2.8145	3.0516	5.8661	0.919	91.9
69	32206	0.1041	0.1077	1.3987	-2.79	3.0405	5.8305	0.9203	92.03
70	32334	0.1032	0.0718	1.4126	-2.7674	3.1275	5.8949	0.9187	91.87
71	29910	0.0915	0.0627	1.4362	-2.8621	3.1735	6.0356	0.9158	91.58
72	32542	0.0712	0.0733	1.4341	-2.8906	3.0247	5.9153	0.9161	91.61
73	39465	0.0531	0.0559	1.393	-2.8098	2.9189	5.7287	0.921	92.1
74	20131	0.0374	0.0338	1.3446	-2.7442	2.8706	5.6148	0.9266	92.66
75	33333	0.0335	0.0351	1.3771	-2.7729	2.88	5.6529	0.9229	92.29
76	31430	0.031	0.0214	1.3326	-2.76	2.7936	5.5536	0.928	92.8
77	34089	0.0261	0.0444	1.3668	-2.9132	2.813	5.7262	0.9241	92.41
78	32460	0.0132	0.0227	1.3755	-2.8791	2.8035	5.6825	0.9231	92.31
79	30603	0.0054	-0.0518	1.4607	-2.8542	3.1633	6.0175	0.9128	91.28
80	32859	-0.0999	-0.0697	1.4281	-3.0328	2.837	5.8698	0.9168	91.68
81	31004	-0.1548	-0.1289	1.4462	-3.1548	2.8475	6.0022	0.9146	91.46
82	30043	-0.1605	-0.1173	1.3882	-3.0186	2.7017	5.7203	0.9216	92.16
83	31630	-0.1756	-0.1457	1.3769	-3.1114	2.631	5.7424	0.9229	92.29
84	31717	-0.2585	-0.2505	1.4232	-3.1363	2.7771	5.9134	0.9174	91.74
85	27937	-0.3821	-0.3211	1.4233	-3.3587	2.5092	5.8679	0.9174	91.74
86	35375	-0.3934	-0.3311	1.4267	-3.4012	2.3999	5.8011	0.917	91.7
87	36043	-0.4103	-0.357	1.4338	-3.4332	2.5471	5.9803	0.9161	91.61
88	32410	-0.4207	-0.3774	1.3853	-3.3162	2.3253	5.6415	0.9219	92.19
89	30790	-0.4316	-0.3832	1.4001	-3.4124	2.3894	5.8018	0.9202	92.02
90	31980	-0.4465	-0.3868	1.405	-3.3551	2.3905	5.7456	0.9196	91.96
91	31432	-0.454	-0.3949	1.3954	-3.3238	2.3854	5.7092	0.9207	92.07
92	35279	-0.4612	-0.4001	1.4418	-3.4468	2.464	5.9108	0.9151	91.51
93	29257	-0.4617	-0.3878	1.405	-3.413	2.381	5.7939	0.9196	91.96
94	31431	-0.4686	-0.414	1.4119	-3.3967	2.3087	5.7054	0.9188	91.88
95	27301	-0.498	-0.4183	1.2974	-3.3286	1.9992	5.3279	0.9319	93.19
96	32499	-0.5282	-0.4546	1.4694	-3.6725	2.3286	6.0011	0.9117	91.17
97	32604	-0.6177	-0.5499	1.4662	-3.7661	2.3261	6.0922	0.9121	91.21
98	31724	-0.7554	-0.6883	1.5214	-3.8802	2.1878	6.0681	0.905	90.5
99	31111	-0.8208	-0.7244	1.5305	-3.9701	2.1079	6.078	0.9038	90.38
100	35257	-0.8389	-0.6984	1.5428	-4.0519	2.0529	6.1048	0.9022	90.22

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	29444	-0.8556	-0.7514	1.4657	-3.879	2.0178	5.8969	0.9121	91.21
102	35186	-0.8765	-0.7364	1.5591	-4.1045	2.1289	6.2334	0.9	90
103	33945	-0.8997	-0.7879	1.4989	-3.9254	2.0294	5.9548	0.9079	90.79
104	33203	-0.936	-0.8186	1.5289	-4.1392	1.887	6.0262	0.904	90.4
105	33814	-0.9381	-0.8388	1.5386	-4.1239	2.043	6.167	0.9027	90.27
106	34094	-0.9514	-0.8	1.6375	-4.2137	2.1322	6.3459	0.889	88.9
107	32505	-1.0234	-0.941	1.5572	-4.2322	2.0336	6.2658	0.9002	90.02
108	19044	-1.0683	-0.954	1.5214	-4.1858	1.7342	5.92	0.905	90.5
109	39571	-1.1663	-1.0436	1.5904	-4.4652	1.7493	6.2145	0.8957	89.57
110	17965	-1.2048	-1.0102	1.7701	-4.7762	2.0406	6.8168	0.8689	86.89
111	33191	-1.3029	-1.1395	1.6898	-4.6857	1.6237	6.3094	0.8813	88.13
112	31440	-1.3257	-1.2089	1.6922	-4.7263	1.6749	6.4013	0.8809	88.09
113	31854	-1.3286	-1.1573	1.6592	-4.5908	1.6219	6.2127	0.8858	88.58
114	27883	-1.3463	-1.1282	1.7909	-4.8986	1.795	6.6936	0.8656	86.56
115	32072	-1.3676	-1.2442	1.6655	-4.7249	1.5735	6.2984	0.8849	88.49
116	30982	-1.3683	-1.255	1.6959	-4.649	1.6971	6.3461	0.8804	88.04
117	39376	-1.3722	-1.2743	1.6751	-4.6552	1.6649	6.3201	0.8835	88.35
118	20548	-1.3862	-1.2948	1.6829	-4.6059	1.7237	6.3296	0.8823	88.23
119	31515	-1.5252	-1.433	1.6988	-4.8513	1.4484	6.2997	0.88	88
120	31723	-1.6674	-1.5525	1.8954	-5.2628	1.6282	6.8909	0.848	84.8
121	23729	-1.7044	-1.4655	1.9937	-5.7895	1.5575	7.3471	0.8302	83.02
122	31541	-1.7584	-1.5987	1.8879	-5.3507	1.4646	6.8153	0.8493	84.93
123	38648	-1.8022	-1.6793	1.8741	-5.2073	1.3619	6.5691	0.8517	85.17
124	30891	-1.8334	-1.7384	1.8845	-5.3938	1.3839	6.7777	0.8499	84.99
125	34731	-1.8403	-1.6363	1.9089	-5.4201	1.3503	6.7704	0.8456	84.56
126	38669	-1.8444	-1.7117	1.8829	-5.408	1.3054	6.7134	0.8502	85.02
127	34728	-1.8469	-1.728	1.91	-5.4369	1.3851	6.822	0.8454	84.54
128	38939	-1.8508	-1.7174	1.9281	-5.5345	1.3611	6.8956	0.8422	84.22
129	39472	-1.8603	-1.7782	1.907	-5.3771	1.3268	6.7039	0.8459	84.59
130	38941	-1.8852	-1.8242	1.8361	-5.3908	1.1681	6.5589	0.8581	85.81
131	32050	-1.9102	-1.8422	1.8891	-5.5775	1.3283	6.9058	0.8491	84.91
132	32878	-1.9902	-1.9272	1.881	-5.5999	1.2135	6.8134	0.8505	85.05
133	30788	-2.0077	-1.9675	1.9211	-5.5843	1.2783	6.8626	0.8435	84.35
134	31535	-2.1859	-2.0283	2.137	-6.2913	1.2818	7.5731	0.8018	80.18
135	30073	-2.2061	-2.02	2.1177	-6.1055	1.2223	7.3278	0.8058	80.58

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	30869	-2.246	-2.1135	2.12	-6.2077	1.2574	7.4651	0.8053	80.53
137	31914	-2.3137	-2.1883	2.1563	-6.1983	1.1817	7.38	0.7977	79.77
138	34729	-3.1797	-3.0945	2.6641	-7.7221	0.8754	8.5976	0.6671	66.71
139	33812	-3.2469	-3.1283	2.6656	-7.8733	0.8525	8.7258	0.6666	66.66
140	34732	-3.5866	-3.8677	2.5262	-7.8718	0.5467	8.4185	0.7078	70.78
141	19145	-4.1197	-3.8625	3.2643	-9.6601	0.6317	10.2919	0.4084	40.84
142	33047	-4.6213	-4.507	3.573	-10.4763	0.5265	11.0028	0.0412	4.12
143	28278	-5.2821	-5.333	3.8498	-11.5046	0.3917	11.8963	0	0
144	29952	-5.4944	-5.3953	4.1984	-12.1904	0.4589	12.6493	0	0

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	28324	3.4575	3.1849	2.2205	0.1554	8.2586	8.1031	0	0
2	31724	1.9908	1.8271	1.3945	-0.2104	4.9096	5.1201	0.4731	47.31
3	33889	1.5765	1.4461	1.2321	-0.4456	4.2148	4.6604	0.6277	62.77
4	31717	1.3686	1.2596	1.1444	-0.5663	3.8136	4.3799	0.6908	69.08
5	31723	1.3597	1.2389	1.1635	-0.5126	3.9013	4.4139	0.678	67.8
6	32859	1.1596	0.9954	1.206	-0.7682	3.8706	4.6388	0.6476	64.76
7	31515	1.1017	0.9506	1.1819	-0.8109	3.7582	4.5692	0.6652	66.52
8	27509	0.8567	0.7069	1.0867	-0.9382	3.3618	4.3	0.7271	72.71
9	38669	0.736	0.5982	1.0321	-1.0296	3.0244	4.054	0.7581	75.81
10	31440	0.723	0.6056	1.0531	-1.081	3.1169	4.198	0.7465	74.65
11	29952	0.7105	0.5898	1.0315	-1.0583	3.0294	4.0877	0.7585	75.85
12	32050	0.6823	0.5577	1.0512	-1.1553	2.9505	4.1058	0.7476	74.76
13	19145	0.6417	0.5144	1.0399	-1.184	2.9628	4.1468	0.7539	75.39
14	31549	0.5602	0.4609	0.983	-1.1603	2.7522	3.9125	0.7838	78.38
15	32460	0.5459	0.4328	0.9913	-1.2576	2.7901	4.0477	0.7796	77.96
16	34089	0.5365	0.4432	1.0107	-1.2419	2.847	4.0889	0.7696	76.96
17	31432	0.5193	0.4226	0.9842	-1.2285	2.7331	3.9616	0.7832	78.32
18	29910	0.5166	0.4203	0.9689	-1.1935	2.6462	3.8397	0.7907	79.07
19	31742	0.51	0.4058	1.0019	-1.255	2.7938	4.0488	0.7742	77.42
20	28378	0.4937	0.4177	0.9884	-1.2946	2.6959	3.9906	0.7811	78.11
21	38941	0.4817	0.4016	0.962	-1.2392	2.664	3.9032	0.7941	79.41
22	34283	0.4621	0.3759	1.0486	-1.4886	2.7923	4.2809	0.7491	74.91
23	29444	0.4571	0.3824	0.9714	-1.3437	2.6161	3.9598	0.7895	78.95
24	27301	0.4464	0.3958	0.8341	-1.1408	2.1993	3.3401	0.8499	84.99
25	30206	0.4355	0.3447	0.9603	-1.3109	2.5229	3.8338	0.7949	79.49
26	34728	0.3825	0.304	0.9703	-1.4059	2.4662	3.8721	0.79	79
27	32928	0.3808	0.2954	0.9435	-1.3505	2.3951	3.7457	0.8029	80.29
28	34004	0.3619	0.2765	0.9712	-1.3869	2.5338	3.9207	0.7896	78.96
29	33988	0.3405	0.2706	0.943	-1.4325	2.4048	3.8373	0.8032	80.32
30	39042	0.3401	0.2772	0.9654	-1.502	2.4527	3.9546	0.7925	79.25

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	32410	0.3363	0.2664	0.9269	-1.369	2.337	3.7059	0.8106	81.06
32	31430	0.3239	0.2457	0.9354	-1.4187	2.2897	3.7084	0.8067	80.67
33	34005	0.3214	0.2699	0.964	-1.5293	2.3887	3.918	0.7931	79.31
34	34303	0.3158	0.2531	0.9542	-1.469	2.3737	3.8427	0.7978	79.78
35	32072	0.3083	0.2524	0.9513	-1.4673	2.3447	3.8121	0.7992	79.92
36	30634	0.2987	0.228	0.9516	-1.4849	2.3818	3.8667	0.7991	79.91
37	31004	0.2913	0.2466	1.0015	-1.6423	2.4534	4.0956	0.7744	77.44
38	30043	0.2878	0.2507	0.949	-1.5186	2.2759	3.7946	0.8003	80.03
39	34094	0.2869	0.2249	0.9288	-1.4959	2.2915	3.7874	0.8097	80.97
40	33047	0.2816	0.2107	0.9505	-1.4719	2.2982	3.7701	0.7996	79.96
41	32499	0.277	0.2215	1.0259	-1.6848	2.4805	4.1653	0.7615	76.15
42	30073	0.2694	0.2014	0.9226	-1.4755	2.2885	3.764	0.8126	81.26
43	19341	0.2499	0.2053	0.9513	-1.5746	2.2955	3.8701	0.7992	79.92
44	29369	0.2498	0.214	0.9716	-1.6331	2.3041	3.9372	0.7894	78.94
45	40635	0.2283	0.1729	0.9376	-1.5816	2.2317	3.8133	0.8057	80.57
46	28494	0.2121	0.1731	0.9376	-1.5491	2.236	3.785	0.8057	80.57
47	35047	0.189	0.1545	0.9409	-1.6113	2.1473	3.7586	0.8041	80.41
48	33203	0.1643	0.1307	0.9151	-1.5767	2.1165	3.6932	0.8159	81.59
49	33814	0.1574	0.135	0.9519	-1.6762	2.1648	3.841	0.7989	79.89
50	39662	0.1532	0.1237	0.9202	-1.7077	2.0957	3.8034	0.8136	81.36
51	30982	0.1433	0.1171	0.9219	-1.7001	2.0456	3.7457	0.8129	81.29
52	35186	0.1431	0.1216	0.9323	-1.6771	2.073	3.7501	0.8081	80.81
53	30603	0.1426	0.114	1.0313	-1.888	2.2976	4.1856	0.7586	75.86
54	31914	0.1393	0.1066	0.9099	-1.6658	2.0454	3.7111	0.8183	81.83
55	33812	0.1383	0.1145	0.9403	-1.7392	2.1326	3.8719	0.8044	80.44
56	17965	0.1375	0.1052	0.9442	-1.74	2.107	3.8471	0.8026	80.26
57	31431	0.1322	0.0932	0.9586	-1.7221	2.1008	3.8228	0.7957	79.57
58	20131	0.1283	0.1103	0.9176	-1.6495	2.1115	3.761	0.8148	81.48
59	27239	0.1269	0.0848	0.8857	-1.5609	1.9812	3.542	0.8288	82.88
60	38939	0.1263	0.0888	0.9474	-1.7917	2.1215	3.9132	0.8011	80.11
61	34729	0.1245	0.0996	0.9972	-1.8768	2.2092	4.0861	0.7766	77.66
62	31316	0.1196	0.1015	0.9262	-1.7153	2.0118	3.7271	0.8109	81.09
63	38879	0.1171	0.0889	0.9214	-1.6934	2.0589	3.7523	0.8131	81.31
64	39571	0.1109	0.1041	0.9723	-1.8159	2.1073	3.9232	0.7891	78.91
65	34146	0.1066	0.0799	0.9183	-1.7384	2.0067	3.7451	0.8145	81.45

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	31427	0.1027	0.1038	0.9004	-1.7386	1.8929	3.6315	0.8225	82.25
67	34114	0.0748	0.0518	0.8977	-1.7234	1.9439	3.6673	0.8236	82.36
68	38648	0.0703	0.0819	0.9442	-1.88	2.051	3.931	0.8026	80.26
69	38547	0.0696	0.0603	0.9482	-1.8021	2.0483	3.8504	0.8007	80.07
70	29236	0.0644	0.0661	0.9276	-1.8416	1.9657	3.8073	0.8103	81.03
71	31854	0.0641	0.0597	0.9197	-1.7877	1.9222	3.7099	0.8139	81.39
72	32878	0.0508	0.0512	0.9814	-1.9617	2.0461	4.0078	0.7846	78.46
73	29636	0.0495	0.0333	0.9239	-1.808	1.9181	3.726	0.812	81.2
74	27937	0.0209	0.0317	0.9519	-1.9176	1.957	3.8746	0.7989	79.89
75	33331	-0.0321	-0.0371	0.9492	-1.9564	1.89	3.8465	0.8003	80.03
76	40632	-0.0415	-0.0326	0.9821	-2.0728	1.9695	4.0423	0.7842	78.42
77	34236	-0.0422	-0.0272	0.9369	-1.9985	1.8231	3.8216	0.806	80.6
78	33333	-0.0502	-0.0506	0.9212	-1.9303	1.8277	3.758	0.8132	81.32
79	34731	-0.0553	-0.0502	0.9309	-1.9486	1.8081	3.7567	0.8087	80.87
80	38835	-0.0576	-0.0528	0.9907	-2.0917	1.919	4.0107	0.7799	77.99
81	30790	-0.067	-0.0618	0.9309	-1.9759	1.8225	3.7984	0.8088	80.88
82	39465	-0.0785	-0.0593	0.9352	-1.9946	1.7734	3.768	0.8068	80.68
83	34084	-0.0806	-0.0705	0.9157	-2.0288	1.7196	3.7483	0.8156	81.56
84	32608	-0.0889	-0.0692	0.9304	-1.9894	1.7988	3.7881	0.809	80.9
85	32542	-0.0909	-0.0753	0.9311	-2.0565	1.7576	3.814	0.8087	80.87
86	39440	-0.0985	-0.0603	0.9174	-2.0869	1.7213	3.8081	0.8149	81.49
87	31425	-0.099	-0.1011	0.9268	-2.0059	1.7969	3.8028	0.8106	81.06
88	31980	-0.1108	-0.0898	0.9238	-2.0063	1.7123	3.7186	0.812	81.2
89	23729	-0.1127	-0.103	0.9517	-2.0599	1.8562	3.9161	0.7991	79.91
90	30891	-0.1175	-0.0935	0.9324	-2.0618	1.6872	3.749	0.8081	80.81
91	38914	-0.1249	-0.0908	0.9402	-2.0892	1.665	3.7542	0.8045	80.45
92	29215	-0.1414	-0.1139	0.9173	-2.088	1.6975	3.7854	0.815	81.5
93	36112	-0.158	-0.1095	0.9762	-2.246	1.7078	3.9537	0.7872	78.72
94	27836	-0.1759	-0.1339	0.9497	-2.2069	1.6957	3.9026	0.8	80
95	38603	-0.1763	-0.1329	0.9464	-2.1738	1.6867	3.8605	0.8015	80.15
96	29257	-0.2166	-0.1664	0.8988	-2.1449	1.5139	3.6588	0.8231	82.31
97	31535	-0.222	-0.1625	0.9428	-2.2967	1.6272	3.924	0.8033	80.33
98	38896	-0.2322	-0.1784	0.9305	-2.241	1.5065	3.7475	0.8089	80.89
99	35279	-0.2372	-0.1964	0.9632	-2.3072	1.6155	3.9227	0.7935	79.35
100	33809	-0.2475	-0.2007	0.9552	-2.319	1.5686	3.8876	0.7974	79.74

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	33945	-0.2518	-0.2134	0.9542	-2.2596	1.5782	3.8378	0.7979	79.79
102	29151	-0.2548	-0.1893	0.9221	-2.2949	1.5065	3.8014	0.8128	81.28
103	19044	-0.2644	-0.2222	0.9112	-2.2014	1.458	3.6595	0.8177	81.77
104	20548	-0.2694	-0.2212	0.9657	-2.3767	1.6088	3.9855	0.7923	79.23
105	32658	-0.272	-0.2107	0.9541	-2.3405	1.5801	3.9206	0.7979	79.79
106	32328	-0.2853	-0.2291	0.9523	-2.2902	1.531	3.8212	0.7987	79.87
107	34218	-0.2877	-0.2216	0.9436	-2.3046	1.4944	3.799	0.8028	80.28
108	32505	-0.298	-0.2339	1.0263	-2.456	1.6113	4.0673	0.7613	76.13
109	32398	-0.3026	-0.2446	1.0169	-2.4071	1.6762	4.0833	0.7663	76.63
110	35257	-0.3134	-0.2285	0.9764	-2.4802	1.5013	3.9815	0.7871	78.71
111	32997	-0.3137	-0.2625	0.9572	-2.3654	1.4886	3.854	0.7964	79.64
112	32206	-0.3141	-0.2464	0.946	-2.3894	1.4972	3.8866	0.8018	80.18
113	27883	-0.3194	-0.2582	0.912	-2.2336	1.3877	3.6212	0.8173	81.73
114	30485	-0.3242	-0.2737	0.9598	-2.372	1.5539	3.9259	0.7952	79.52
115	38553	-0.3362	-0.2573	0.9423	-2.3834	1.4191	3.8024	0.8035	80.35
116	32334	-0.3363	-0.2745	0.9669	-2.4134	1.495	3.9084	0.7917	79.17
117	30788	-0.3489	-0.2997	1.0023	-2.5083	1.5776	4.0859	0.7739	77.39
118	32504	-0.3604	-0.3022	1.0251	-2.5163	1.6103	4.1266	0.7619	76.19
119	30869	-0.3649	-0.2964	0.9789	-2.4836	1.4997	3.9832	0.7858	78.58
120	31541	-0.3751	-0.2912	0.9731	-2.565	1.387	3.952	0.7887	78.87
121	38569	-0.3786	-0.2998	0.9651	-2.5069	1.4151	3.9221	0.7926	79.26
122	33191	-0.3933	-0.313	0.9722	-2.5071	1.4285	3.9356	0.7891	78.91
123	32604	-0.3989	-0.3466	1.0244	-2.5843	1.5668	4.1511	0.7623	76.23
124	27211	-0.4013	-0.3236	0.9589	-2.5085	1.4033	3.9118	0.7956	79.56
125	27378	-0.406	-0.3315	0.9476	-2.4571	1.3617	3.8189	0.801	80.1
126	31629	-0.4093	-0.3335	0.9458	-2.5239	1.363	3.8869	0.8019	80.19
127	34732	-0.4303	-0.3599	1.005	-2.6655	1.3594	4.0248	0.7726	77.26
128	28278	-0.4497	-0.37	0.9368	-2.5551	1.2359	3.791	0.8061	80.61
129	33168	-0.4702	-0.3773	0.9706	-2.643	1.2956	3.9386	0.7899	78.99
130	39482	-0.485	-0.4024	0.9649	-2.6274	1.2325	3.8599	0.7927	79.27
131	36043	-0.4956	-0.3982	0.9742	-2.6386	1.2703	3.9089	0.7882	78.82
132	35375	-0.4988	-0.4124	0.9754	-2.6624	1.2332	3.8955	0.7875	78.75
133	28680	-0.5727	-0.4778	0.9999	-2.7943	1.234	4.0283	0.7752	77.52
134	39377	-0.6637	-0.5582	1.0203	-2.9188	1.0879	4.0067	0.7645	76.45
135	39376	-0.6647	-0.5511	0.9967	-3.024	1.0602	4.0842	0.7769	77.69

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31630	-0.737	-0.5981	1.0522	-3.1019	1.0445	4.1464	0.7471	74.71
137	31111	-0.7714	-0.6196	1.0698	-3.216	1.0298	4.2458	0.737	73.7
138	30647	-0.8251	-0.6641	1.097	-3.3179	0.9423	4.2602	0.7209	72.09
139	39472	-0.9644	-0.7926	1.1223	-3.5941	0.8111	4.4052	0.7052	70.52
140	39779	-1.0798	-0.9339	1.1607	-3.7582	0.8131	4.5713	0.6799	67.99
141	39081	-1.1013	-0.9738	1.1619	-3.7242	0.7815	4.5058	0.6791	67.91
142	39022	-1.1282	-0.9513	1.1389	-3.7377	0.6921	4.4298	0.6945	69.45
143	38600	-1.4342	-1.2526	1.1955	-4.0859	0.3921	4.478	0.6554	65.54
144	39296	-1.5917	-1.4222	1.333	-4.4765	0.4504	4.9269	0.5392	53.92

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31717	6.9796	7.2299	1.2761	3.7908	8.8172	5.0264	0.9119	91.19
2	31724	6.9356	7.1865	1.28	3.7004	8.7861	5.0857	0.9114	91.14
3	30043	5.0347	5.2887	1.2277	1.9015	6.7951	4.8936	0.9188	91.88
4	28324	3.6621	3.6553	0.8922	1.8767	5.4535	3.5768	0.958	95.8
5	30073	3.575	3.7152	1.1258	0.9251	5.4076	4.4825	0.9322	93.22
6	38669	3.3649	3.4931	1.0398	0.9136	5.0587	4.1451	0.9425	94.25
7	29151	3.3606	3.4874	1.0133	0.9376	5.0385	4.1009	0.9454	94.54
8	29444	3.3071	3.4466	1.0512	0.765	5.0524	4.2874	0.9411	94.11
9	31723	2.8406	2.8899	0.9103	0.8278	4.5463	3.7185	0.9562	95.62
10	32398	2.8145	2.8947	1.027	0.4959	4.5921	4.0962	0.9439	94.39
11	32542	2.7815	2.8937	1.0387	0.3899	4.5762	4.1862	0.9426	94.26
12	32334	2.7797	2.8849	1.0305	0.45	4.5218	4.0718	0.9435	94.35
13	28378	2.5489	2.6404	0.9768	0.2939	4.2423	3.9484	0.9494	94.94
14	31854	2.5356	2.6497	0.9624	0.3132	4.2066	3.8933	0.9509	95.09
15	32928	2.5321	2.6344	0.9601	0.3975	4.1675	3.77	0.9511	95.11
16	31316	2.5255	2.6246	0.9543	0.3565	4.134	3.7774	0.9518	95.18
17	31549	2.5235	2.6293	0.9554	0.3094	4.1987	3.8894	0.9516	95.16
18	32410	2.4904	2.5968	0.9658	0.2704	4.1547	3.8843	0.9505	95.05
19	32499	2.3935	2.5106	0.9988	0.0381	4.0473	4.0092	0.947	94.7
20	39571	2.0891	2.139	0.9696	-0.0923	3.8591	3.9514	0.9502	95.02
21	33889	2.0375	2.0486	0.8715	0.2643	3.7785	3.5142	0.9599	95.99
22	34094	2.0305	2.1046	0.9351	-0.042	3.7074	3.7494	0.9537	95.37
23	29910	1.9698	2.0482	0.9815	-0.1802	3.6934	3.8737	0.9489	94.89
24	17965	1.9595	2.0281	0.9575	-0.1761	3.6344	3.8105	0.9514	95.14
25	31742	1.957	2.0293	0.9749	-0.1668	3.7411	3.9079	0.9496	94.96
26	39662	1.955	2.0322	0.9688	-0.1258	3.7183	3.8441	0.9502	95.02
27	34303	1.9528	2.0096	0.9934	-0.1284	3.767	3.8953	0.9476	94.76
28	32608	1.9498	2.0326	0.9849	-0.2514	3.6957	3.9471	0.9485	94.85
29	31440	1.9479	2.0348	0.9828	-0.1728	3.7387	3.9115	0.9488	94.88
30	40632	1.8648	1.9101	0.8984	-0.0399	3.5321	3.572	0.9574	95.74

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	38941	1.7777	1.8359	0.8932	-0.2732	3.4168	3.69	0.9579	95.79
32	32859	1.7413	1.802	0.9232	-0.3268	3.3839	3.7107	0.9549	95.49
33	38648	1.7182	1.7969	0.9146	-0.3521	3.412	3.7642	0.9558	95.58
34	33047	1.7107	1.7727	0.9143	-0.295	3.3563	3.6513	0.9558	95.58
35	27836	1.7058	1.7674	0.9336	-0.3909	3.4164	3.8073	0.9539	95.39
36	31425	1.689	1.7434	0.9084	-0.3451	3.3104	3.6555	0.9564	95.64
37	39042	1.684	1.7518	0.9275	-0.4112	3.3288	3.7401	0.9545	95.45
38	30206	1.6736	1.7482	0.8918	-0.2573	3.2815	3.5388	0.958	95.8
39	32050	1.1464	1.1785	0.9526	-0.8522	2.9583	3.8105	0.9519	95.19
40	39440	1.1368	1.1743	0.9364	-0.8277	2.8615	3.6892	0.9536	95.36
41	32504	1.129	1.1279	0.8894	-0.6751	2.9282	3.6033	0.9582	95.82
42	31515	0.9112	0.9511	0.8827	-0.9763	2.5726	3.5489	0.9589	95.89
43	30891	0.904	0.933	0.8731	-0.9372	2.6174	3.5546	0.9598	95.98
44	27509	0.8979	0.9197	0.8779	-0.9166	2.6113	3.5279	0.9593	95.93
45	31430	0.8965	0.925	0.8615	-0.923	2.516	3.439	0.9609	96.09
46	19145	0.8951	0.9297	0.8695	-0.9211	2.6179	3.5391	0.9601	96.01
47	27378	0.8897	0.9162	0.8759	-0.9488	2.6229	3.5717	0.9595	95.95
48	34283	0.8866	0.9141	0.893	-1.0126	2.6062	3.6188	0.9579	95.79
49	31427	0.8843	0.9123	0.8762	-0.9986	2.5709	3.5695	0.9595	95.95
50	20548	0.8841	0.9157	0.8927	-1.0382	2.5891	3.6272	0.9579	95.79
51	32072	0.884	0.9195	0.8626	-0.9291	2.5398	3.469	0.9608	96.08
52	33168	0.8824	0.9209	0.8731	-0.9367	2.5467	3.4834	0.9598	95.98
53	29952	0.8796	0.9063	0.865	-0.9837	2.5129	3.4966	0.9605	96.05
54	33331	0.8761	0.9161	0.8833	-1.0093	2.5531	3.5624	0.9588	95.88
55	40635	0.866	0.9079	0.8676	-1.024	2.5007	3.5247	0.9603	96.03
56	29636	0.8648	0.905	0.8722	-1.0235	2.5034	3.5269	0.9599	95.99
57	28278	0.8607	0.8993	0.8628	-0.9569	2.4855	3.4424	0.9607	96.07
58	38553	0.8606	0.8964	0.8909	-1.0269	2.5434	3.5703	0.9581	95.81
59	27301	0.393	0.3973	0.8077	-1.2064	1.9914	3.1978	0.9657	96.57
60	31541	0.3054	0.3158	0.9006	-1.5351	2.0608	3.5959	0.9572	95.72
61	33809	0.3035	0.3354	0.9114	-1.5808	2.1344	3.7152	0.9561	95.61
62	27239	0.2469	0.2149	0.8391	-1.3199	2.0081	3.328	0.9629	96.29
63	27883	0.2037	0.2193	0.8961	-1.6561	1.9258	3.5819	0.9576	95.76
64	34729	0.1812	0.1641	0.8887	-1.591	2.0657	3.6567	0.9583	95.83
65	34732	0.152	0.1289	0.8719	-1.5725	1.9523	3.5248	0.9599	95.99

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	36112	0.0991	0.107	0.8643	-1.6174	1.8452	3.4626	0.9606	96.06
67	31004	0.0953	0.0903	0.8619	-1.6541	1.8599	3.514	0.9608	96.08
68	30603	0.0799	0.0885	0.8716	-1.6885	1.8282	3.5167	0.9599	95.99
69	30485	0.078	0.0797	0.882	-1.6611	1.896	3.5572	0.9589	95.89
70	32505	0.0773	0.0792	0.8828	-1.6916	1.8832	3.5749	0.9589	95.89
71	34236	0.0713	0.0617	0.8478	-1.635	1.7634	3.3984	0.9621	96.21
72	32460	0.0703	0.0489	0.8559	-1.6867	1.8462	3.5328	0.9614	96.14
73	30634	0.0703	0.0796	0.8738	-1.732	1.8121	3.5441	0.9597	95.97
74	38547	0.0664	0.0592	0.8656	-1.6739	1.809	3.4829	0.9605	96.05
75	38939	0.0653	0.0507	0.8528	-1.6401	1.8307	3.4708	0.9617	96.17
76	34114	0.0642	0.061	0.8518	-1.7192	1.7435	3.4627	0.9618	96.18
77	33988	0.0618	0.0801	0.8712	-1.7159	1.8186	3.5345	0.96	96
78	34004	0.0609	0.0536	0.8701	-1.6566	1.8254	3.482	0.9601	96.01
79	38879	0.0581	0.0663	0.8742	-1.6914	1.7874	3.4788	0.9597	95.97
80	34218	0.0559	0.0694	0.8589	-1.7086	1.8151	3.5237	0.9611	96.11
81	33191	0.055	0.0608	0.8743	-1.7494	1.7771	3.5265	0.9597	95.97
82	33814	0.0546	0.0467	0.8838	-1.7304	1.8379	3.5683	0.9588	95.88
83	29215	0.051	0.0562	0.8554	-1.6809	1.8308	3.5117	0.9614	96.14
84	32997	0.0473	0.0605	0.8555	-1.6655	1.8379	3.5033	0.9614	96.14
85	23729	0.0471	0.0473	0.834	-1.6577	1.7373	3.395	0.9634	96.34
86	31914	0.0343	0.0631	0.8663	-1.7641	1.6908	3.4549	0.9604	96.04
87	28494	-0.0361	-0.026	0.8481	-1.7898	1.6655	3.4552	0.9621	96.21
88	19341	-0.7424	-0.7731	0.877	-2.4621	1.1155	3.5776	0.9594	95.94
89	39376	-0.7503	-0.7672	0.8675	-2.3862	1.0631	3.4494	0.9603	96.03
90	33203	-0.7598	-0.7789	0.867	-2.4478	1.0635	3.5112	0.9604	96.04
91	30982	-0.7599	-0.7785	0.8892	-2.5128	1.1111	3.6239	0.9583	95.83
92	38896	-0.7618	-0.7859	0.8818	-2.4833	1.1065	3.5898	0.959	95.9
93	31431	-0.7682	-0.7985	0.8774	-2.4633	1.1328	3.5961	0.9594	95.94
94	31535	-0.7684	-0.8031	0.8681	-2.4554	1.0821	3.5375	0.9603	96.03
95	34084	-0.7698	-0.7822	0.8598	-2.5242	1.0175	3.5417	0.961	96.1
96	32658	-0.7706	-0.775	0.8826	-2.5292	1.0428	3.572	0.9589	95.89
97	35047	-0.773	-0.8063	0.8696	-2.4527	1.0463	3.499	0.9601	96.01
98	30790	-0.775	-0.8135	0.8606	-2.4378	1.0306	3.4684	0.9609	96.09
99	31432	-0.7832	-0.8263	0.8857	-2.4605	1.1123	3.5728	0.9586	95.86
100	34089	-0.7836	-0.8066	0.8749	-2.525	1.042	3.567	0.9596	95.96

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	27211	-0.7936	-0.801	0.8788	-2.5304	0.9841	3.5145	0.9592	95.92
102	30788	-0.9489	-0.9428	0.8726	-2.7114	0.8435	3.5548	0.9598	95.98
103	38569	-1.3292	-1.3685	0.9286	-3.0875	0.641	3.7286	0.9544	95.44
104	31111	-1.3314	-1.38	0.9282	-3.088	0.6437	3.7316	0.9544	95.44
105	39465	-1.3434	-1.3744	0.9348	-3.1307	0.5822	3.7129	0.9538	95.38
106	35186	-1.3501	-1.3789	0.9496	-3.1837	0.6957	3.8794	0.9522	95.22
107	30869	-1.3561	-1.3882	0.9247	-3.1452	0.6207	3.7659	0.9548	95.48
108	32878	-1.5561	-1.6323	0.9068	-3.2262	0.491	3.7172	0.9565	95.65
109	39482	-1.5695	-1.635	0.9127	-3.2777	0.394	3.6717	0.956	95.6
110	34728	-1.5697	-1.6439	0.9177	-3.2528	0.5296	3.7823	0.9555	95.55
111	36043	-1.5778	-1.6454	0.9269	-3.2468	0.4995	3.7464	0.9546	95.46
112	32328	-1.58	-1.648	0.9179	-3.2143	0.4897	3.7039	0.9554	95.54
113	29236	-1.5893	-1.6527	0.9068	-3.2707	0.3495	3.6202	0.9565	95.65
114	34005	-1.5903	-1.6532	0.9144	-3.2565	0.4047	3.6612	0.9558	95.58
115	31980	-1.5915	-1.6572	0.9011	-3.2594	0.3616	3.621	0.9571	95.71
116	33333	-1.592	-1.6572	0.913	-3.2861	0.3985	3.6846	0.9559	95.59
117	27937	-1.5927	-1.6426	0.9059	-3.2501	0.3777	3.6278	0.9566	95.66
118	38835	-1.5969	-1.6696	0.9275	-3.3312	0.4332	3.7643	0.9545	95.45
119	35279	-1.6072	-1.6562	0.9023	-3.2673	0.4181	3.6854	0.957	95.7
120	39296	-1.9438	-1.9551	0.8699	-3.6316	-0.1495	3.482	0.9601	96.01
121	29369	-2.1557	-2.2249	0.9606	-3.9364	-0.1213	3.8151	0.9511	95.11
122	29257	-2.1559	-2.2933	1.0294	-3.8388	0.2806	4.1194	0.9436	94.36
123	35257	-2.1567	-2.2241	0.972	-3.9217	-0.0211	3.9006	0.9499	94.99
124	35375	-2.1705	-2.2373	0.9705	-3.9378	-0.0244	3.9134	0.9501	95.01
125	32206	-2.1734	-2.2473	0.9855	-3.9619	-0.0025	3.9594	0.9485	94.85
126	39022	-2.2121	-2.2588	0.8771	-3.8532	-0.3124	3.5408	0.9594	95.94
127	39472	-2.3983	-2.482	0.9498	-4.0349	-0.2239	3.811	0.9522	95.22
128	19044	-2.403	-2.5093	0.9408	-3.9861	-0.1839	3.8022	0.9531	95.31
129	32604	-2.4071	-2.5055	0.9608	-4.1097	-0.1949	3.9149	0.9511	95.11
130	34731	-2.4075	-2.533	0.9724	-4.0671	-0.1598	3.9073	0.9499	94.99
131	34146	-2.4076	-2.5045	0.9814	-4.1106	-0.1691	3.9414	0.9489	94.89
132	20131	-2.4137	-2.5126	0.9576	-4.0534	-0.2268	3.8266	0.9514	95.14
133	39377	-2.417	-2.519	0.9462	-4.0659	-0.2962	3.7697	0.9526	95.26
134	38603	-2.4289	-2.527	0.9451	-4.0772	-0.2659	3.8113	0.9527	95.27
135	33945	-2.4305	-2.5281	0.949	-4.0606	-0.2839	3.7767	0.9523	95.23

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	28680	-3.2077	-3.3506	1.0141	-4.8638	-0.8171	4.0468	0.9453	94.53
137	31630	-3.2334	-3.376	1.0205	-4.885	-0.7974	4.0877	0.9446	94.46
138	33812	-3.2478	-3.3929	1.0275	-4.9335	-0.7405	4.193	0.9438	94.38
139	31629	-3.6386	-3.7933	1.0694	-5.4115	-1.0586	4.3529	0.939	93.9
140	39779	-3.9945	-4.1131	1.0748	-5.8274	-1.4878	4.3396	0.9384	93.84
141	38600	-4.0807	-4.1758	1.0082	-5.8085	-1.7678	4.0407	0.946	94.6
142	30647	-4.6117	-4.7912	1.199	-6.5243	-1.7389	4.7854	0.9227	92.27
143	38914	-4.6344	-4.8211	1.2225	-6.5021	-1.6565	4.8456	0.9195	91.95
144	39081	-6.0285	-6.2447	1.1966	-7.8456	-3.0671	4.7786	0.923	92.3

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	28324	2.1928	2.2155	0.6361	0.8777	3.3741	2.4964	0.7166	71.66
2	31717	1.8185	1.8566	0.562	0.6474	2.825	2.1776	0.7875	78.75
3	31724	1.2667	1.2773	0.4547	0.3182	2.1186	1.8004	0.8668	86.68
4	31980	1.0634	1.0757	0.5186	0.0432	2.059	2.0158	0.8226	82.26
5	33333	0.8306	0.8389	0.4827	-0.1264	1.7634	1.8898	0.8485	84.85
6	33168	0.8157	0.8342	0.4937	-0.1749	1.7506	1.9255	0.8408	84.08
7	31432	0.8094	0.8159	0.482	-0.1346	1.7623	1.8969	0.8489	84.89
8	38941	0.8021	0.8071	0.4579	-0.0941	1.6867	1.7808	0.8648	86.48
9	38669	0.7927	0.7919	0.4711	-0.1227	1.7092	1.8319	0.8562	85.62
10	28278	0.7915	0.7927	0.4592	-0.1009	1.6717	1.7726	0.864	86.4
11	32410	0.7795	0.7811	0.4723	-0.1456	1.7008	1.8464	0.8554	85.54
12	31629	0.7789	0.7903	0.4674	-0.1284	1.6585	1.7869	0.8587	85.87
13	38603	0.7783	0.7885	0.4661	-0.1346	1.6817	1.8164	0.8595	85.95
14	29444	0.77	0.7716	0.4636	-0.1462	1.673	1.8192	0.8611	86.11
15	33889	0.7338	0.7344	0.4223	-0.0893	1.5516	1.6409	0.8863	88.63
16	31723	0.7197	0.7166	0.4168	-0.094	1.5447	1.6388	0.8895	88.95
17	29151	0.682	0.6772	0.4631	-0.2104	1.5698	1.7802	0.8614	86.14
18	39779	0.5241	0.5246	0.4548	-0.3659	1.4336	1.7995	0.8667	86.67
19	32334	0.5019	0.5011	0.4392	-0.3611	1.3579	1.719	0.8764	87.64
20	39662	0.4989	0.5054	0.4459	-0.366	1.366	1.7319	0.8723	87.23
21	31440	0.4981	0.5023	0.4399	-0.3622	1.3493	1.7115	0.8759	87.59
22	31742	0.4976	0.4933	0.4474	-0.3892	1.3686	1.7578	0.8714	87.14
23	34303	0.4962	0.4999	0.4337	-0.3553	1.345	1.7002	0.8797	87.97
24	28680	0.4755	0.4706	0.4337	-0.3728	1.3116	1.6844	0.8797	87.97
25	34732	0.4401	0.4437	0.4296	-0.3981	1.2896	1.6876	0.8821	88.21
26	39571	0.4211	0.4295	0.4322	-0.449	1.2522	1.7012	0.8805	88.05
27	27301	0.391	0.3904	0.3715	-0.3248	1.1284	1.4533	0.9133	91.33
28	32859	0.3622	0.3643	0.4256	-0.4653	1.195	1.6603	0.8844	88.44
29	31004	0.3554	0.3627	0.424	-0.4615	1.1749	1.6365	0.8854	88.54
30	32878	0.3512	0.3575	0.4217	-0.5021	1.1597	1.6618	0.8867	88.67

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	36112	0.3402	0.3437	0.4184	-0.4865	1.1364	1.6229	0.8885	88.85
32	30603	0.3195	0.3247	0.4309	-0.5297	1.1421	1.6718	0.8813	88.13
33	32928	0.2857	0.29	0.4261	-0.5432	1.1296	1.6728	0.8842	88.42
34	38896	0.2829	0.2866	0.422	-0.5371	1.0865	1.6237	0.8865	88.65
35	33331	0.2765	0.2748	0.4203	-0.5321	1.0943	1.6265	0.8875	88.75
36	33814	0.2709	0.2686	0.4293	-0.5819	1.1124	1.6943	0.8823	88.23
37	33812	0.2704	0.2729	0.4193	-0.5492	1.0758	1.625	0.888	88.8
38	39472	0.2698	0.274	0.4189	-0.5473	1.0901	1.6374	0.8883	88.83
39	32328	0.2672	0.2691	0.4236	-0.5601	1.1073	1.6674	0.8856	88.56
40	33988	0.2667	0.2699	0.4219	-0.5542	1.06	1.6142	0.8865	88.65
41	38939	0.2648	0.2581	0.4196	-0.5605	1.1049	1.6654	0.8879	88.79
42	30634	0.2646	0.2614	0.4202	-0.5671	1.1015	1.6686	0.8875	88.75
43	30790	0.2622	0.2634	0.4207	-0.5507	1.0829	1.6336	0.8872	88.72
44	31549	0.2609	0.2661	0.4142	-0.5575	1.0873	1.6448	0.8909	89.09
45	31427	0.2596	0.2562	0.4206	-0.5539	1.0817	1.6356	0.8873	88.73
46	31630	0.2582	0.2633	0.4204	-0.5746	1.0769	1.6515	0.8874	88.74
47	32072	0.2562	0.2706	0.4211	-0.5806	1.0635	1.6441	0.887	88.7
48	29236	0.255	0.2533	0.4176	-0.5808	1.067	1.6477	0.889	88.9
49	31914	0.2537	0.2566	0.4179	-0.5733	1.0639	1.6373	0.8888	88.88
50	29952	0.2534	0.2558	0.4217	-0.5861	1.0789	1.665	0.8867	88.67
51	38553	0.2512	0.2464	0.4123	-0.533	1.0631	1.596	0.892	89.2
52	30485	0.2482	0.2573	0.419	-0.5718	1.0498	1.6215	0.8882	88.82
53	30043	0.2463	0.2456	0.4208	-0.5778	1.0799	1.6577	0.8872	88.72
54	27239	0.2404	0.24	0.3927	-0.541	1.0235	1.5645	0.9026	90.26
55	31854	0.2383	0.2349	0.4078	-0.5532	1.0542	1.6075	0.8944	89.44
56	28378	0.2352	0.2337	0.4216	-0.5833	1.0637	1.6471	0.8867	88.67
57	19145	0.2339	0.2326	0.4177	-0.577	1.0585	1.6355	0.889	88.9
58	30206	0.2284	0.2346	0.4129	-0.5898	1.0236	1.6134	0.8916	89.16
59	27937	0.2206	0.2189	0.4177	-0.6179	1.0229	1.6408	0.8889	88.89
60	27509	0.2196	0.2153	0.4251	-0.6147	1.062	1.6767	0.8847	88.47
61	27211	0.2193	0.2185	0.4268	-0.6383	1.0538	1.692	0.8837	88.37
62	23729	0.1747	0.1722	0.4435	-0.7048	1.0599	1.7647	0.8738	87.38
63	34283	0.1502	0.1521	0.4324	-0.7077	0.9685	1.6762	0.8805	88.05
64	39022	0.0828	0.0875	0.4006	-0.7069	0.8642	1.5711	0.8983	89.83
65	34729	0.0526	0.0574	0.4206	-0.7872	0.8813	1.6686	0.8873	88.73

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	32050	0.034	0.0333	0.4329	-0.7833	0.8853	1.6686	0.8802	88.02
67	32398	-0.0095	-0.0113	0.4321	-0.8557	0.8393	1.695	0.8806	88.06
68	33809	-0.0278	-0.0306	0.4184	-0.828	0.7984	1.6264	0.8885	88.85
69	39465	-0.0336	-0.0315	0.4167	-0.8776	0.7725	1.6501	0.8895	88.95
70	32608	-0.0371	-0.0379	0.4179	-0.8726	0.7866	1.6592	0.8888	88.88
71	32206	-0.0397	-0.0428	0.4209	-0.8799	0.7896	1.6695	0.8871	88.71
72	35257	-0.0424	-0.0468	0.4206	-0.8715	0.787	1.6586	0.8873	88.73
73	32542	-0.0436	-0.0457	0.4179	-0.8739	0.7676	1.6415	0.8888	88.88
74	38914	-0.0499	-0.0494	0.4145	-0.8765	0.7574	1.6339	0.8907	89.07
75	39081	-0.0536	-0.0501	0.4192	-0.8868	0.7666	1.6534	0.8881	88.81
76	30073	-0.0559	-0.0596	0.4119	-0.8629	0.7372	1.6001	0.8922	89.22
77	29910	-0.0579	-0.0516	0.4179	-0.8815	0.7482	1.6297	0.8888	88.88
78	38569	-0.0686	-0.0663	0.4201	-0.8935	0.7748	1.6683	0.8876	88.76
79	29369	-0.0832	-0.083	0.419	-0.898	0.7367	1.6347	0.8882	88.82
80	30647	-0.0835	-0.0929	0.4125	-0.898	0.7256	1.6235	0.8919	89.19
81	38600	-0.1112	-0.1131	0.3867	-0.8624	0.6691	1.5315	0.9056	90.56
82	32504	-0.1335	-0.1343	0.44	-0.9826	0.7101	1.6927	0.8759	87.59
83	31515	-0.1851	-0.1837	0.4216	-1.0228	0.6262	1.649	0.8867	88.67
84	32505	-0.1911	-0.1835	0.4339	-1.0669	0.6408	1.7077	0.8796	87.96
85	34094	-0.2054	-0.2052	0.4114	-1.0002	0.6058	1.606	0.8925	89.25
86	40635	-0.2476	-0.2417	0.4202	-1.0767	0.5845	1.6612	0.8875	88.75
87	33945	-0.2594	-0.2546	0.4218	-1.1027	0.572	1.6747	0.8866	88.66
88	39482	-0.2609	-0.2628	0.4191	-1.0803	0.539	1.6193	0.8882	88.82
89	34218	-0.2618	-0.2588	0.4184	-1.0667	0.5553	1.622	0.8885	88.85
90	34731	-0.2678	-0.2686	0.4096	-1.0848	0.5334	1.6181	0.8935	89.35
91	34004	-0.2687	-0.268	0.4146	-1.0634	0.5516	1.615	0.8907	89.07
92	35279	-0.2707	-0.2689	0.4209	-1.1079	0.5728	1.6807	0.8871	88.71
93	39377	-0.2733	-0.2732	0.4109	-1.0787	0.5165	1.5952	0.8927	89.27
94	33203	-0.2739	-0.265	0.4114	-1.0865	0.521	1.6076	0.8925	89.25
95	32997	-0.2758	-0.2767	0.4206	-1.1101	0.5384	1.6486	0.8873	88.73
96	20548	-0.2762	-0.2759	0.4256	-1.1217	0.5622	1.6839	0.8844	88.44
97	20131	-0.2772	-0.2762	0.4239	-1.127	0.5505	1.6775	0.8854	88.54
98	39376	-0.2775	-0.2852	0.4134	-1.0979	0.5528	1.6507	0.8913	89.13
99	34728	-0.2786	-0.2757	0.4182	-1.0906	0.549	1.6396	0.8887	88.87
100	30982	-0.2795	-0.2858	0.4131	-1.0842	0.5303	1.6146	0.8915	89.15

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	34089	-0.281	-0.2781	0.4182	-1.0976	0.5367	1.6344	0.8887	88.87
102	34005	-0.2812	-0.2856	0.4194	-1.1134	0.5391	1.6525	0.888	88.8
103	31425	-0.2817	-0.2844	0.4103	-1.0529	0.5511	1.604	0.8931	89.31
104	35047	-0.283	-0.2923	0.4155	-1.0939	0.5315	1.6254	0.8902	89.02
105	32658	-0.2833	-0.285	0.4168	-1.1064	0.5209	1.6273	0.8895	88.95
106	31316	-0.2836	-0.2864	0.4161	-1.0915	0.5315	1.623	0.8899	88.99
107	38879	-0.2838	-0.2886	0.4184	-1.0979	0.5553	1.6532	0.8885	88.85
108	31430	-0.2842	-0.2793	0.4121	-1.1064	0.514	1.6204	0.8921	89.21
109	36043	-0.2843	-0.283	0.4146	-1.0887	0.5583	1.647	0.8907	89.07
110	39296	-0.2851	-0.288	0.4215	-1.1006	0.5524	1.653	0.8868	88.68
111	39042	-0.2864	-0.2839	0.4201	-1.1214	0.5558	1.6772	0.8876	88.76
112	34146	-0.2864	-0.2913	0.4274	-1.1074	0.5606	1.6681	0.8834	88.34
113	34236	-0.2865	-0.2763	0.4129	-1.1111	0.5178	1.629	0.8916	89.16
114	38547	-0.2899	-0.2957	0.4217	-1.1208	0.5525	1.6733	0.8867	88.67
115	31431	-0.2916	-0.2941	0.4168	-1.1034	0.5341	1.6376	0.8895	88.95
116	34114	-0.2929	-0.2988	0.4109	-1.0903	0.5269	1.6172	0.8927	89.27
117	32460	-0.294	-0.2909	0.422	-1.0998	0.5224	1.6222	0.8865	88.65
118	38648	-0.2954	-0.2968	0.4213	-1.1291	0.5377	1.6668	0.8869	88.69
119	33047	-0.2961	-0.305	0.4197	-1.1136	0.5556	1.6692	0.8878	88.78
120	29636	-0.2981	-0.2986	0.4149	-1.1121	0.521	1.6331	0.8905	89.05
121	29215	-0.3001	-0.2995	0.4202	-1.1205	0.5193	1.6398	0.8875	88.75
122	27378	-0.3112	-0.3161	0.4186	-1.1324	0.5043	1.6367	0.8884	88.84
123	19341	-0.3142	-0.3132	0.4268	-1.1611	0.5116	1.6727	0.8837	88.37
124	27836	-0.3184	-0.3193	0.4302	-1.1468	0.5198	1.6666	0.8818	88.18
125	31535	-0.337	-0.338	0.4295	-1.1672	0.4968	1.664	0.8822	88.22
126	38835	-0.3563	-0.3618	0.4261	-1.1652	0.4729	1.6382	0.8841	88.41
127	28494	-0.3587	-0.3578	0.4147	-1.1668	0.4588	1.6257	0.8906	89.06
128	32604	-0.3986	-0.3941	0.4297	-1.235	0.4345	1.6695	0.882	88.2
129	32499	-0.4436	-0.4477	0.4319	-1.2934	0.4035	1.6968	0.8807	88.07
130	27883	-0.5603	-0.5602	0.4322	-1.3751	0.2956	1.6707	0.8806	88.06
131	35186	-0.572	-0.5717	0.4629	-1.483	0.3208	1.8038	0.8616	86.16
132	35375	-0.5886	-0.595	0.4633	-1.4767	0.3317	1.8084	0.8613	86.13
133	31111	-0.5899	-0.5861	0.4542	-1.4849	0.2798	1.7647	0.8671	86.71
134	39440	-0.5963	-0.6029	0.4539	-1.4827	0.2793	1.7621	0.8673	86.73
135	30869	-0.5972	-0.5989	0.4608	-1.5098	0.3077	1.8175	0.8629	86.29

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31541	-0.6276	-0.6275	0.462	-1.5169	0.2844	1.8012	0.8621	86.21
137	17965	-0.6545	-0.6593	0.4802	-1.5584	0.2871	1.8455	0.8501	85.01
138	34084	-0.8211	-0.8294	0.4698	-1.712	0.1185	1.8304	0.8571	85.71
139	30891	-0.8433	-0.851	0.474	-1.7407	0.1008	1.8414	0.8543	85.43
140	33191	-0.8576	-0.8773	0.4883	-1.7746	0.1037	1.8783	0.8446	84.46
141	29257	-0.8625	-0.873	0.4659	-1.7563	0.0571	1.8134	0.8596	85.96
142	40632	-0.8998	-0.9051	0.4868	-1.8188	0.065	1.8838	0.8456	84.56
143	19044	-1.1015	-1.118	0.4672	-1.989	-0.1652	1.8238	0.8588	85.88
144	30788	-1.5909	-1.6161	0.5656	-2.6044	-0.4508	2.1536	0.7844	78.44

HPP

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	28324	1.642	1.6441	0.6128	0.46	2.8469	2.3869	0.6321	63.21
2	31717	1.0234	1.0366	0.4755	0.0918	1.9694	1.8776	0.7991	79.91
3	31724	1.0141	1.0164	0.465	0.1279	1.906	1.7782	0.8089	80.89
4	33889	0.7832	0.7799	0.4391	-0.055	1.6369	1.6919	0.8318	83.18
5	32608	0.776	0.772	0.4762	-0.1268	1.7293	1.8561	0.7984	79.84
6	32878	0.7544	0.7526	0.4619	-0.1276	1.6827	1.8103	0.8117	81.17
7	39022	0.7215	0.7047	0.4653	-0.1581	1.6686	1.8267	0.8087	80.87
8	36112	0.7009	0.6845	0.5095	-0.2436	1.749	1.9926	0.7648	76.48
9	31742	0.6375	0.6275	0.4474	-0.2201	1.5346	1.7547	0.8246	82.46
10	30043	0.6214	0.6163	0.4467	-0.2426	1.5076	1.7502	0.8253	82.53
11	30073	0.5862	0.5901	0.4354	-0.2652	1.4432	1.7084	0.8348	83.48
12	31723	0.5504	0.5437	0.4117	-0.2409	1.3608	1.6018	0.8538	85.38
13	20131	0.5211	0.5116	0.4434	-0.3132	1.4046	1.7177	0.8281	82.81
14	23729	0.4746	0.4547	0.4925	-0.4496	1.4991	1.9487	0.7824	78.24
15	32334	0.4228	0.4106	0.435	-0.386	1.3079	1.6938	0.8351	83.51
16	27301	0.4148	0.4172	0.3607	-0.2848	1.1315	1.4163	0.89	89
17	28278	0.3724	0.3668	0.4317	-0.4658	1.2346	1.7004	0.8379	83.79
18	29910	0.3467	0.3416	0.4094	-0.4367	1.1853	1.622	0.8556	85.56
19	34303	0.3456	0.3452	0.4065	-0.433	1.1794	1.6124	0.8578	85.78
20	34114	0.3434	0.3296	0.4043	-0.4277	1.1412	1.5689	0.8595	85.95
21	39440	0.3423	0.3383	0.4166	-0.4527	1.1795	1.6323	0.85	85
22	31316	0.3393	0.3303	0.406	-0.4332	1.1598	1.5929	0.8582	85.82
23	34094	0.3015	0.2984	0.4068	-0.4747	1.1187	1.5934	0.8576	85.76
24	27211	0.3002	0.2953	0.4191	-0.5079	1.1397	1.6476	0.8481	84.81
25	32505	0.2986	0.2947	0.4187	-0.5177	1.1217	1.6394	0.8484	84.84
26	34005	0.2978	0.2928	0.4111	-0.5046	1.1171	1.6216	0.8543	85.43
27	32997	0.2923	0.2919	0.4044	-0.4989	1.0951	1.5939	0.8594	85.94
28	27509	0.2899	0.2818	0.4129	-0.5189	1.1063	1.6252	0.8529	85.29
29	33988	0.2887	0.2832	0.4013	-0.4926	1.0886	1.5811	0.8617	86.17
30	31004	0.2876	0.2818	0.4217	-0.515	1.1138	1.6289	0.846	84.6

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	28378	0.2875	0.2852	0.4047	-0.5129	1.1034	1.6163	0.8592	85.92
32	30485	0.2867	0.2763	0.4142	-0.5112	1.1012	1.6125	0.8519	85.19
33	32050	0.2863	0.2929	0.4199	-0.5058	1.1031	1.6089	0.8475	84.75
34	29236	0.2859	0.291	0.4066	-0.4909	1.0798	1.5708	0.8578	85.78
35	39472	0.2843	0.2736	0.4135	-0.4967	1.0935	1.5902	0.8525	85.25
36	39662	0.2827	0.2723	0.4071	-0.4944	1.0907	1.5851	0.8574	85.74
37	38553	0.2816	0.2737	0.416	-0.5113	1.1182	1.6296	0.8505	85.05
38	31549	0.2655	0.2598	0.4055	-0.515	1.0806	1.5956	0.8586	85.86
39	32859	0.2557	0.2509	0.4085	-0.5274	1.0798	1.6072	0.8563	85.63
40	32504	0.2301	0.2314	0.4293	-0.6116	1.0734	1.685	0.8399	83.99
41	29151	0.2174	0.226	0.4006	-0.5624	1.0001	1.5625	0.8622	86.22
42	39779	0.2153	0.2096	0.4352	-0.6419	1.0873	1.7292	0.835	83.5
43	30634	0.2002	0.2008	0.3972	-0.5597	0.9869	1.5466	0.8647	86.47
44	29369	0.1919	0.1819	0.4046	-0.5872	1.0062	1.5934	0.8592	85.92
45	27937	0.1867	0.1825	0.396	-0.5743	0.9622	1.5365	0.8656	86.56
46	38896	0.1856	0.1796	0.4045	-0.6028	0.9699	1.5727	0.8593	85.93
47	39465	0.1839	0.1756	0.3963	-0.5653	0.9916	1.5569	0.8654	86.54
48	31980	0.1769	0.1721	0.4039	-0.6038	0.9676	1.5714	0.8597	85.97
49	38569	0.1751	0.1671	0.405	-0.5968	0.9955	1.5923	0.859	85.9
50	35279	0.1738	0.1727	0.4011	-0.604	0.9698	1.5738	0.8619	86.19
51	28680	0.1694	0.1715	0.3947	-0.5743	0.9465	1.5208	0.8666	86.66
52	38914	0.1566	0.1468	0.4504	-0.7157	1.0666	1.7824	0.822	82.2
53	19145	0.1541	0.1515	0.3988	-0.6297	0.96	1.5897	0.8636	86.36
54	32206	0.1505	0.1449	0.4424	-0.7195	1.0349	1.7544	0.8289	82.89
55	29952	0.1469	0.1363	0.3966	-0.6156	0.9244	1.54	0.8652	86.52
56	31432	0.1329	0.1311	0.3956	-0.6284	0.8995	1.5279	0.8659	86.59
57	32398	0.1288	0.1273	0.4172	-0.6974	0.9512	1.6486	0.8496	84.96
58	29636	0.1247	0.1241	0.3923	-0.6396	0.9131	1.5527	0.8683	86.83
59	31427	0.1234	0.118	0.3892	-0.642	0.8968	1.5388	0.8705	87.05
60	30206	0.1208	0.112	0.3844	-0.6161	0.8738	1.49	0.8739	87.39
61	31440	0.1206	0.1204	0.403	-0.6667	0.9213	1.588	0.8604	86.04
62	31430	0.1203	0.1196	0.3927	-0.6446	0.9016	1.5462	0.8681	86.81
63	32410	0.1202	0.1224	0.3888	-0.6306	0.8872	1.5178	0.8709	87.09
64	27836	0.1027	0.1048	0.4475	-0.7705	1.0057	1.7763	0.8245	82.45
65	31854	0.0964	0.0899	0.4313	-0.7672	0.9775	1.7447	0.8382	83.82

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	38941	0.0712	0.0683	0.3887	-0.6836	0.8393	1.523	0.8709	87.09
67	19341	0.0489	0.0454	0.4175	-0.7577	0.8785	1.6362	0.8493	84.93
68	38603	0.0476	0.0519	0.4059	-0.7609	0.839	1.5998	0.8583	85.83
69	17965	0.0454	0.0482	0.4075	-0.7573	0.863	1.6202	0.857	85.7
70	30790	0.0454	0.0399	0.4149	-0.7416	0.8834	1.625	0.8513	85.13
71	31630	0.0417	0.0491	0.4122	-0.7575	0.8324	1.5898	0.8534	85.34
72	31535	0.0017	0.0027	0.4687	-0.9374	0.9176	1.855	0.8054	80.54
73	30647	0.0008	-0.0031	0.5475	-1.1031	1.0909	2.1939	0.7216	72.16
74	33191	-0.0031	-0.0051	0.4688	-0.9282	0.9318	1.8601	0.8054	80.54
75	32658	-0.0072	0.0041	0.5492	-1.1192	1.0938	2.213	0.7196	71.96
76	33333	-0.0553	-0.0496	0.4127	-0.8684	0.7648	1.6332	0.853	85.3
77	32542	-0.0623	-0.066	0.4062	-0.864	0.7183	1.5823	0.858	85.8
78	31914	-0.0628	-0.0635	0.4048	-0.8546	0.7389	1.5935	0.8591	85.91
79	33809	-0.0633	-0.0581	0.4061	-0.8679	0.7201	1.588	0.8581	85.81
80	33168	-0.0637	-0.0689	0.4094	-0.8885	0.7252	1.6137	0.8556	85.56
81	34729	-0.0639	-0.0677	0.408	-0.8558	0.7452	1.601	0.8567	85.67
82	33331	-0.067	-0.0653	0.4063	-0.8594	0.7479	1.6074	0.858	85.8
83	32328	-0.0678	-0.0626	0.4081	-0.8698	0.7381	1.6078	0.8566	85.66
84	40632	-0.0683	-0.0619	0.4164	-0.9192	0.7291	1.6484	0.8502	85.02
85	34089	-0.1231	-0.1272	0.3923	-0.8925	0.6388	1.5314	0.8683	86.83
86	36043	-0.1239	-0.1191	0.4535	-1.0248	0.7533	1.7781	0.8193	81.93
87	40635	-0.1256	-0.1245	0.3936	-0.9221	0.624	1.5462	0.8674	86.74
88	34146	-0.1303	-0.1285	0.3925	-0.8904	0.6424	1.5328	0.8682	86.82
89	35047	-0.1304	-0.1297	0.397	-0.91	0.6477	1.5577	0.8649	86.49
90	29215	-0.1312	-0.1307	0.3961	-0.8929	0.6408	1.5338	0.8655	86.55
91	28494	-0.1535	-0.1523	0.3887	-0.925	0.603	1.5281	0.8709	87.09
92	38835	-0.1575	-0.1606	0.4101	-0.9714	0.6518	1.6232	0.8551	85.51
93	30869	-0.1731	-0.1716	0.4141	-1.0044	0.6428	1.6472	0.8519	85.19
94	27378	-0.1768	-0.1738	0.3952	-0.9655	0.5818	1.5472	0.8662	86.62
95	31515	-0.1774	-0.1717	0.4245	-1.0474	0.6303	1.6778	0.8438	84.38
96	34218	-0.1783	-0.1745	0.4113	-1.0036	0.6308	1.6344	0.8542	85.42
97	32460	-0.179	-0.1713	0.4094	-1.0065	0.6082	1.6147	0.8556	85.56
98	38547	-0.1822	-0.1849	0.4047	-0.9592	0.6198	1.579	0.8592	85.92
99	38648	-0.1838	-0.1825	0.4035	-0.9982	0.5858	1.584	0.8601	86.01
100	33047	-0.1839	-0.1785	0.4165	-1.0075	0.6259	1.6334	0.8501	85.01

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	39042	-0.1857	-0.1768	0.4101	-1.0186	0.6167	1.6353	0.855	85.5
102	30891	-0.186	-0.1877	0.4113	-0.9889	0.6201	1.609	0.8541	85.41
103	34004	-0.1877	-0.1862	0.406	-1.0012	0.5892	1.5903	0.8582	85.82
104	39377	-0.1881	-0.1817	0.4048	-1.0048	0.603	1.6078	0.8591	85.91
105	33945	-0.1884	-0.1905	0.4205	-1.0197	0.6504	1.6702	0.8469	84.69
106	32928	-0.19	-0.1793	0.4089	-1.0184	0.5926	1.611	0.856	85.6
107	34236	-0.1968	-0.1914	0.4007	-1.0042	0.5616	1.5658	0.8622	86.22
108	33814	-0.1975	-0.1902	0.4066	-0.9923	0.5906	1.5829	0.8578	85.78
109	33812	-0.2066	-0.2033	0.4017	-1.0241	0.5751	1.5992	0.8614	86.14
110	39081	-0.2665	-0.2569	0.4362	-1.1407	0.6041	1.7448	0.8342	83.42
111	27239	-0.2779	-0.2665	0.3828	-1.0614	0.4492	1.5106	0.875	87.5
112	30982	-0.2822	-0.2796	0.3939	-1.065	0.4711	1.5361	0.8671	86.71
113	39482	-0.2938	-0.2891	0.4073	-1.1211	0.4902	1.6113	0.8572	85.72
114	31111	-0.2944	-0.2924	0.4081	-1.096	0.4966	1.5926	0.8566	85.66
115	35257	-0.2962	-0.2877	0.4075	-1.1137	0.4682	1.5819	0.8571	85.71
116	35186	-0.2986	-0.2973	0.4127	-1.1164	0.5017	1.6181	0.8531	85.31
117	38600	-0.3031	-0.2985	0.4103	-1.1249	0.4892	1.6141	0.8549	85.49
118	35375	-0.3037	-0.2997	0.4082	-1.1217	0.4807	1.6024	0.8565	85.65
119	31541	-0.3054	-0.2994	0.4131	-1.1157	0.5078	1.6235	0.8527	85.27
120	39571	-0.3065	-0.3082	0.4224	-1.1329	0.4994	1.6323	0.8455	84.55
121	38879	-0.3167	-0.3105	0.4541	-1.2313	0.5572	1.7885	0.8187	81.87
122	34731	-0.3182	-0.316	0.3994	-1.1085	0.4647	1.5732	0.8631	86.31
123	34728	-0.3233	-0.3217	0.4075	-1.1281	0.4511	1.5792	0.857	85.7
124	38939	-0.326	-0.3222	0.4035	-1.1166	0.4511	1.5677	0.8601	86.01
125	29444	-0.3263	-0.3217	0.3955	-1.1162	0.451	1.5672	0.866	86.6
126	38669	-0.3343	-0.3268	0.4006	-1.1306	0.4288	1.5594	0.8622	86.22
127	31431	-0.346	-0.333	0.4146	-1.1789	0.4308	1.6098	0.8516	85.16
128	20548	-0.3593	-0.3423	0.4672	-1.3089	0.5338	1.8427	0.8069	80.69
129	30603	-0.3593	-0.357	0.4216	-1.2109	0.4605	1.6714	0.8461	84.61
130	34283	-0.3615	-0.3505	0.4222	-1.1911	0.4296	1.6207	0.8456	84.56
131	31629	-0.4177	-0.4028	0.4363	-1.2846	0.415	1.6996	0.834	83.4
132	33203	-0.4705	-0.4545	0.4959	-1.5029	0.4764	1.9792	0.7791	77.91
133	39296	-0.5017	-0.4948	0.4552	-1.4161	0.3572	1.7733	0.8178	81.78
134	19044	-0.5087	-0.4926	0.4488	-1.4037	0.3268	1.7305	0.8234	82.34
135	32499	-0.5303	-0.5222	0.4785	-1.4813	0.3758	1.857	0.7962	79.62

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	30788	-0.544	-0.5368	0.4583	-1.4567	0.3307	1.7875	0.815	81.5
137	34084	-0.6012	-0.5913	0.4473	-1.4805	0.2516	1.7321	0.8247	82.47
138	29257	-0.6471	-0.6283	0.4312	-1.5214	0.1544	1.6759	0.8383	83.83
139	27883	-0.7544	-0.7553	0.4475	-1.6403	0.1016	1.7419	0.8245	82.45
140	39376	-0.794	-0.7916	0.4653	-1.7008	0.1068	1.8076	0.8086	80.86
141	31425	-0.8068	-0.7986	0.4751	-1.7582	0.0767	1.8349	0.7994	79.94
142	32072	-0.8277	-0.8244	0.4903	-1.7881	0.108	1.8961	0.7847	78.47
143	32604	-0.8385	-0.8335	0.4861	-1.8118	0.1042	1.916	0.7888	78.88
144	34732	-0.9486	-0.9394	0.5261	-1.9826	0.0497	2.0322	0.7467	74.67

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	32859	14.8921	17.6507	6.866	0.2377	22.1956	21.9579	0	0
2	34114	10.2317	12.2781	5.149	-0.093	16.0588	16.1517	0	0
3	34146	8.8644	10.4967	4.4332	-0.0814	14.0404	14.1218	0.4206	42.06
4	31717	7.293	8.4727	3.4466	-0.0918	11.5983	11.6901	0.7089	70.89
5	29257	6.9121	8.1185	3.5848	-0.1956	11.4363	11.6319	0.6796	67.96
6	27509	5.3007	6.1671	2.9302	-0.5747	9.3643	9.9391	0.8003	80.03
7	31440	4.7809	5.5192	2.7276	-0.5689	8.7513	9.3201	0.8297	82.97
8	31724	4.5832	5.2467	2.3894	-0.4799	8.0622	8.542	0.8723	87.23
9	30073	4.4774	5.1369	2.5924	-0.7166	8.2367	8.9534	0.8477	84.77
10	29444	4.0072	4.6585	2.4058	-0.8272	7.4559	8.2831	0.8704	87.04
11	39081	3.9889	4.5768	2.3113	-0.7833	7.5061	8.2894	0.8811	88.11
12	28324	3.7855	4.1181	1.979	-0.3055	7.2002	7.5057	0.9143	91.43
13	30206	3.7657	4.368	2.4185	-0.9392	7.3327	8.272	0.8689	86.89
14	31629	3.5938	4.1857	2.2508	-0.8575	6.9312	7.7887	0.8876	88.76
15	31427	3.3538	3.8518	2.1222	-0.8502	6.6402	7.4904	0.9008	90.08
16	31742	3.3426	3.7841	2.2277	-1.0049	6.9137	7.9185	0.89	89
17	27301	3.2387	3.3777	1.7242	-0.2213	6.3967	6.618	0.9357	93.57
18	29236	3.2109	3.7044	2.131	-1.1331	6.5748	7.7079	0.8999	89.99
19	31515	3.2098	3.5954	1.8964	-0.6695	6.3897	7.0592	0.9216	92.16
20	27883	3.1486	3.5577	2.3075	-1.3138	6.7988	8.1126	0.8815	88.15
21	39779	2.8492	3.1348	2.0405	-1.3516	6.3331	7.6846	0.9086	90.86
22	30603	2.6894	3.0026	1.8837	-1.1957	5.9864	7.1822	0.9227	92.27
23	39472	2.5965	2.8955	1.9081	-1.2466	5.7841	7.0307	0.9206	92.06
24	31723	2.596	2.7871	1.734	-0.9062	5.8118	6.718	0.9349	93.49
25	38941	2.5391	2.8955	1.8509	-1.2777	5.5201	6.7979	0.9255	92.55
26	31549	2.5275	2.8758	1.8963	-1.342	5.7025	7.0445	0.9216	92.16
27	33203	2.4977	2.8111	1.8718	-1.3934	5.6237	7.0172	0.9237	92.37
28	31630	2.324	2.6169	1.7924	-1.3511	5.4976	6.8488	0.9303	93.03
29	31430	1.9008	2.092	1.7046	-1.5969	4.9695	6.5664	0.9372	93.72
30	32072	1.8942	2.1202	1.7214	-1.5899	4.9296	6.5195	0.9359	93.59

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	30043	1.8293	2.0244	1.6968	-1.6059	4.9021	6.508	0.9378	93.78
32	33168	1.7107	1.9077	1.708	-1.8866	4.8334	6.72	0.9369	93.69
33	32499	1.6472	1.5953	1.6141	-1.3821	5.1306	6.5127	0.9439	94.39
34	19341	1.6332	1.7545	1.6894	-1.8395	4.8488	6.6883	0.9383	93.83
35	32050	1.6242	1.6061	1.6044	-1.5217	4.883	6.4047	0.9446	94.46
36	34303	1.5518	1.6388	1.6998	-1.974	4.7081	6.682	0.9375	93.75
37	27937	1.466	1.5702	1.6755	-1.9229	4.7306	6.6535	0.9394	93.94
38	27239	1.3487	1.3542	1.5312	-1.7467	4.4391	6.1858	0.9496	94.96
39	38600	1.3341	1.3021	1.5114	-1.5635	4.3854	5.9489	0.951	95.1
40	30634	1.2474	1.3608	1.5677	-2.0724	4.2502	6.3225	0.9471	94.71
41	32398	1.2123	1.2321	1.6615	-2.2353	4.5039	6.7392	0.9404	94.04
42	39042	1.2042	1.3143	1.5548	-2.1854	4.1673	6.3527	0.948	94.8
43	31431	1.1866	1.2844	1.536	-1.9212	4.1109	6.0321	0.9493	94.93
44	38896	1.1136	1.163	1.5816	-2.1746	4.1115	6.2861	0.9462	94.62
45	39296	1.0871	1.1312	1.5531	-2.1231	4.2511	6.3742	0.9481	94.81
46	31004	1.0334	0.9747	1.5149	-1.9262	4.2842	6.2105	0.9507	95.07
47	38939	1.0215	1.0938	1.5616	-2.3738	3.9653	6.3391	0.9476	94.76
48	32504	1.007	1.1322	1.6271	-2.6056	4.0752	6.6808	0.9429	94.29
49	32206	0.9527	0.962	1.6007	-2.4588	4.0902	6.549	0.9448	94.48
50	39022	0.9398	0.9279	1.4691	-2.1299	4.0135	6.1434	0.9537	95.37
51	39465	0.9268	0.9635	1.6101	-2.3663	4.0746	6.4409	0.9442	94.42
52	29952	0.8976	0.9539	1.4941	-2.2319	3.8623	6.0942	0.9521	95.21
53	36112	0.8871	0.7957	1.5107	-2.0454	4.1441	6.1896	0.951	95.1
54	32505	0.8475	0.7798	1.5069	-2.0993	4.0571	6.1564	0.9513	95.13
55	32410	0.845	0.881	1.4968	-2.3303	3.8271	6.1573	0.9519	95.19
56	30982	0.5973	0.6009	1.4859	-2.5557	3.627	6.1827	0.9526	95.26
57	39662	0.5402	0.5222	1.5683	-2.7046	3.5914	6.296	0.9471	94.71
58	39571	0.2972	0.2539	1.5762	-2.8094	3.6741	6.4835	0.9466	94.66
59	38603	0.2923	0.2868	1.4625	-2.7473	3.289	6.0363	0.9542	95.42
60	33047	0.2196	0.1969	1.4715	-2.8869	3.3845	6.2714	0.9536	95.36
61	32542	0.2116	0.1938	1.5459	-2.9556	3.4008	6.3564	0.9486	94.86
62	28278	0.2088	0.253	1.4774	-2.9788	3.1096	6.0884	0.9532	95.32
63	30647	0.0945	0.0752	1.51	-2.9434	3.2687	6.2121	0.9511	95.11
64	40635	0.0229	0.0488	1.5452	-3.2217	3.0538	6.2755	0.9487	94.87
65	31914	-0.0167	-0.0125	1.4583	-3.0872	3.0273	6.1145	0.9544	95.44

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	33809	-0.0331	-0.0405	1.5361	-3.1463	3.0328	6.1791	0.9493	94.93
67	31854	-0.048	-0.0195	1.4634	-3.0713	2.9786	6.05	0.9541	95.41
68	31432	-0.0513	-0.0347	1.4447	-3.0646	2.9165	5.9811	0.9553	95.53
69	32658	-0.073	-0.0854	1.4389	-2.9697	3.0049	5.9746	0.9557	95.57
70	30790	-0.0824	-0.1006	1.4774	-3.2204	3.0224	6.2428	0.9532	95.32
71	29636	-0.1574	-0.1602	1.4716	-3.2027	2.959	6.1617	0.9536	95.36
72	19044	-0.1695	-0.1392	1.4618	-3.2208	2.8013	6.0221	0.9542	95.42
73	35047	-0.241	-0.2423	1.4819	-3.3233	2.92	6.2433	0.9529	95.29
74	33333	-0.2485	-0.2329	1.4997	-3.3646	2.9137	6.2783	0.9517	95.17
75	34094	-0.3289	-0.3008	1.5177	-3.4771	2.7036	6.1807	0.9505	95.05
76	31425	-0.3456	-0.3404	1.43	-3.3867	2.6268	6.0135	0.9562	95.62
77	30485	-0.3603	-0.3649	1.4661	-3.3853	2.6361	6.0215	0.9539	95.39
78	29910	-0.4112	-0.3859	1.5402	-3.5587	2.7425	6.3012	0.949	94.9
79	17965	-0.4431	-0.398	1.6948	-3.7907	3.0139	6.8045	0.9379	93.79
80	23729	-0.4867	-0.4587	1.7874	-4.0732	3.1519	7.2251	0.9307	93.07
81	32608	-0.508	-0.5048	1.5511	-3.5865	2.7486	6.3351	0.9483	94.83
82	32328	-0.5669	-0.5532	1.4975	-3.6968	2.5227	6.2194	0.9519	95.19
83	34084	-0.6483	-0.6554	1.5065	-3.729	2.5372	6.2662	0.9513	95.13
84	19145	-0.6883	-0.6633	1.5556	-3.8345	2.5579	6.3924	0.948	94.8
85	36043	-0.8695	-0.8867	1.5163	-3.9868	2.345	6.3318	0.9506	95.06
86	39482	-0.9351	-0.9326	1.5324	-4.0475	2.241	6.2885	0.9496	94.96
87	34089	-0.9904	-1.0419	1.4825	-3.8403	2.1222	5.9625	0.9529	95.29
88	27378	-0.9985	-1.0348	1.5968	-4.1012	2.2925	6.3937	0.9451	94.51
89	38569	-1.0015	-1.0286	1.5695	-4.1287	2.2091	6.3378	0.947	94.7
90	29151	-1.1258	-1.2042	1.5833	-4.1239	2.3499	6.4737	0.9461	94.61
91	33889	-1.2235	-1.4291	1.7495	-4.2425	2.6275	6.87	0.9337	93.37
92	38648	-1.2593	-1.3404	1.5718	-4.2577	2.0778	6.3355	0.9469	94.69
93	35257	-1.2774	-1.3321	1.6282	-4.3563	2.0634	6.4198	0.9429	94.29
94	27836	-1.2832	-1.3622	1.618	-4.3969	2.0604	6.4574	0.9436	94.36
95	38914	-1.382	-1.4266	1.6616	-4.5049	2.0443	6.5492	0.9404	94.04
96	28680	-1.4176	-1.4994	1.6601	-4.5468	1.8674	6.4142	0.9405	94.05
97	30788	-1.4495	-1.6045	1.5968	-4.3675	1.9027	6.2702	0.9451	94.51
98	39440	-1.4716	-1.5194	1.6509	-4.653	1.9298	6.5828	0.9412	94.12
99	32928	-1.5177	-1.6514	1.61	-4.5674	1.8126	6.3799	0.9442	94.42
100	34283	-1.5613	-1.7795	1.728	-4.5268	2.1872	6.7139	0.9354	93.54

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	31980	-1.5624	-1.6813	1.591	-4.4678	1.6592	6.127	0.9455	94.55
102	33812	-1.5823	-1.7435	1.6589	-4.6464	1.8211	6.4675	0.9406	94.06
103	33331	-1.6	-1.7543	1.6504	-4.6437	1.83	6.4737	0.9412	94.12
104	32604	-1.6486	-1.8768	1.7278	-4.6197	1.9609	6.5806	0.9354	93.54
105	34218	-1.6727	-1.8801	1.6474	-4.6823	1.7181	6.4005	0.9415	94.15
106	28378	-1.681	-1.8534	1.6946	-4.7596	1.9267	6.6863	0.9379	93.79
107	34004	-1.6986	-1.8472	1.654	-4.827	1.7179	6.545	0.941	94.1
108	38669	-1.7021	-1.9003	1.6385	-4.7215	1.7383	6.4598	0.9421	94.21
109	34236	-1.7048	-1.8659	1.6612	-4.7817	1.7678	6.5495	0.9404	94.04
110	31111	-1.7559	-1.8732	1.7094	-4.8861	1.6585	6.5446	0.9368	93.68
111	29215	-1.7677	-1.9303	1.6833	-4.8639	1.687	6.5509	0.9388	93.88
112	34729	-1.7919	-2.0408	1.8239	-4.8429	2.1418	6.9847	0.9277	92.77
113	33988	-1.8183	-2.0381	1.6764	-4.7437	1.6404	6.3842	0.9393	93.93
114	32334	-1.8366	-1.9535	1.7499	-5.1168	1.7472	6.864	0.9337	93.37
115	39376	-1.8388	-2.0246	1.6718	-4.7692	1.708	6.4771	0.9397	93.97
116	38547	-2.0373	-2.2597	1.7631	-5.2226	1.5577	6.7804	0.9326	93.26
117	34731	-2.1586	-2.4245	1.7753	-5.216	1.4439	6.6599	0.9317	93.17
118	34728	-2.187	-2.4433	1.783	-5.2692	1.426	6.6952	0.9311	93.11
119	38879	-2.1987	-2.4595	1.7789	-5.2999	1.4622	6.7621	0.9314	93.14
120	34732	-2.2208	-2.5056	1.8087	-5.4184	1.5298	6.9482	0.929	92.9
121	33814	-2.2256	-2.4584	1.792	-5.3268	1.4039	6.7307	0.9303	93.03
122	32878	-2.24	-2.6377	2.0811	-5.4704	2.2123	7.6827	0.9048	90.48
123	35375	-2.2443	-2.4253	1.8421	-5.5405	1.4944	7.035	0.9262	92.62
124	39377	-2.2541	-2.5368	1.8213	-5.3514	1.4857	6.8372	0.9279	92.79
125	33945	-2.3078	-2.6167	1.8393	-5.4909	1.4595	6.9504	0.9265	92.65
126	29369	-2.3436	-2.5882	1.8873	-5.6525	1.4834	7.1359	0.9224	92.24
127	32460	-2.3547	-2.6629	1.8215	-5.5133	1.4282	6.9416	0.9279	92.79
128	32997	-2.3849	-2.6877	1.8213	-5.4341	1.3716	6.8057	0.9279	92.79
129	40632	-2.4426	-2.7574	1.9003	-5.6806	1.4864	7.1671	0.9213	92.13
130	20131	-2.6587	-3.0121	1.9146	-5.8454	1.2246	7.07	0.92	92
131	34005	-2.6855	-3.0673	1.9188	-5.8545	1.202	7.0564	0.9197	91.97
132	38553	-2.693	-3.0633	1.9524	-5.9473	1.2499	7.1973	0.9167	91.67
133	33191	-2.7063	-3.0311	1.9794	-6.0201	1.3211	7.3411	0.9143	91.43
134	30891	-2.85	-3.2419	1.9582	-5.9986	1.2505	7.2491	0.9162	91.62
135	35279	-2.8703	-3.2385	1.9804	-6.0868	1.1496	7.2364	0.9142	91.42

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31316	-2.8734	-3.295	1.994	-6.1035	1.1815	7.285	0.913	91.3
137	27211	-2.8939	-3.2526	2.0545	-6.27	1.2938	7.5638	0.9073	90.73
138	20548	-2.9278	-3.3528	2.0087	-6.2567	1.0866	7.3433	0.9116	91.16
139	30869	-3.0056	-3.3507	2.053	-6.3517	1.1833	7.535	0.9075	90.75
140	31541	-3.699	-4.1604	2.2833	-7.2358	0.8512	8.087	0.8841	88.41
141	35186	-3.9342	-4.4034	2.4045	-7.759	0.8292	8.5882	0.8706	87.06
142	38835	-4.3054	-4.9063	2.2662	-7.7562	0.5109	8.267	0.886	88.6
143	28494	-5.3545	-6.1689	2.7688	-9.1796	0.3662	9.5458	0.824	82.4
144	31535	-5.8864	-6.7994	3.2069	-10.3622	0.4252	10.7874	0.7545	75.45

CL

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	31004	2.6324	1.4368	3.0181	-0.918	8.9223	9.8404	0	0
2	31717	2.5905	1.3492	2.9809	-0.9224	8.8273	9.7497	0	0
3	28278	2.5442	1.2312	3.0139	-0.8121	8.9301	9.7421	0	0
4	32859	2.3268	1.2807	2.7121	-1.0047	7.9703	8.975	0.3486	34.86
5	31742	1.9746	0.9643	2.5322	-1.0612	7.5775	8.6388	0.4839	48.39
6	31724	1.9259	1.0476	2.3706	-1.0868	7.0083	8.0951	0.5735	57.35
7	17965	1.8715	0.9228	2.4306	-1.0499	7.4079	8.4578	0.5426	54.26
8	31427	1.8383	0.8986	2.4145	-1.1224	7.1155	8.2378	0.5511	55.11
9	27937	1.6846	0.8564	2.2236	-1.1293	6.5009	7.6302	0.6399	63.99
10	30043	1.6718	0.8826	2.1764	-1.163	6.423	7.5861	0.659	65.9
11	29636	1.6306	0.8424	2.1887	-1.1858	6.4287	7.6145	0.6541	65.41
12	20131	1.5815	0.7924	2.1424	-1.2331	6.2721	7.5052	0.6722	67.22
13	31432	1.5757	0.7781	2.146	-1.3191	6.2804	7.5995	0.6708	67.08
14	31723	1.3962	0.8259	1.8957	-1.3145	5.5282	6.8428	0.7555	75.55
15	31440	1.339	0.6841	1.9563	-1.396	5.7325	7.1284	0.7368	73.68
16	30206	1.2356	0.6499	1.8441	-1.3858	5.3249	6.7107	0.7706	77.06
17	34732	1.0835	0.7539	1.5365	-1.2919	4.6551	5.947	0.8474	84.74
18	39779	1.0372	0.6545	1.655	-1.5581	4.6838	6.2419	0.8203	82.03
19	39022	0.9725	0.5894	1.5338	-1.5251	4.3654	5.8905	0.848	84.8
20	39482	0.9612	0.5321	1.5975	-1.4998	4.4536	5.9535	0.8338	83.38
21	38941	0.9278	0.4968	1.5885	-1.5466	4.4974	6.044	0.8358	83.58
22	23729	0.9263	0.4954	1.6503	-1.5741	4.9081	6.4821	0.8214	82.14
23	29151	0.8822	0.5236	1.4908	-1.5521	4.2388	5.7909	0.8571	85.71
24	31515	0.8718	0.6168	1.4255	-1.5039	4.0538	5.5577	0.8702	87.02
25	32504	0.8419	0.5488	1.5097	-1.7075	4.2484	5.9558	0.8531	85.31
26	38600	0.8264	0.4627	1.4792	-1.5393	4.2309	5.7702	0.8595	85.95
27	19044	0.764	0.4515	1.4718	-1.7098	4.0976	5.8074	0.861	86.1
28	27301	0.7483	0.5372	1.2355	-1.3293	3.5828	4.912	0.9043	90.43
29	29444	0.7342	0.4332	1.4529	-1.7466	3.9954	5.742	0.8648	86.48
30	31316	0.7305	0.4562	1.4279	-1.734	3.9142	5.6482	0.8698	86.98

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	30485	0.7234	0.4502	1.4342	-1.6905	3.8375	5.528	0.8685	86.85
32	31430	0.7163	0.4431	1.438	-1.7842	3.9239	5.7081	0.8678	86.78
33	31629	0.7024	0.4073	1.4246	-1.7342	3.8475	5.5816	0.8704	87.04
34	32050	0.6795	0.4687	1.3877	-1.8214	3.8363	5.6577	0.8775	87.75
35	38939	0.6675	0.3953	1.3904	-1.781	3.794	5.5749	0.877	87.7
36	33945	0.6636	0.3879	1.4145	-1.7973	3.7894	5.5867	0.8724	87.24
37	34089	0.6549	0.3816	1.4308	-1.6949	3.9071	5.602	0.8692	86.92
38	32928	0.6486	0.3929	1.3986	-1.7954	3.7895	5.5849	0.8754	87.54
39	39081	0.5606	0.3824	1.3353	-1.8641	3.5672	5.4314	0.8872	88.72
40	38569	0.5533	0.3328	1.3659	-1.9115	3.5403	5.4517	0.8816	88.16
41	27883	0.5345	0.285	1.4057	-1.9528	3.747	5.6998	0.8741	87.41
42	32398	0.5207	0.3165	1.4124	-2.0685	3.7443	5.8128	0.8728	87.28
43	19341	0.4971	0.3298	1.2864	-1.8603	3.4713	5.3316	0.8957	89.57
44	34303	0.4839	0.2904	1.32	-1.8755	3.4493	5.3248	0.8899	88.99
45	39465	0.4736	0.3024	1.317	-1.9922	3.4531	5.4453	0.8904	89.04
46	34283	0.4648	0.3403	1.3545	-2.1265	3.4367	5.5632	0.8837	88.37
47	39440	0.458	0.2882	1.3226	-2.0126	3.4355	5.4481	0.8894	88.94
48	39662	0.4538	0.2779	1.3662	-2.0945	3.5189	5.6134	0.8815	88.15
49	32542	0.4471	0.2468	1.3618	-2.0486	3.5491	5.5977	0.8823	88.23
50	38669	0.4387	0.2926	1.2753	-1.9555	3.4123	5.3678	0.8976	89.76
51	34114	0.4359	0.2742	1.2846	-1.9193	3.2999	5.2192	0.8961	89.61
52	31425	0.4161	0.2802	1.2395	-1.964	3.1814	5.1454	0.9036	90.36
53	31549	0.414	0.2715	1.2406	-1.9327	3.1544	5.0871	0.9034	90.34
54	31431	0.4132	0.2418	1.2724	-1.9052	3.2685	5.1736	0.8981	89.81
55	39472	0.3632	0.2314	1.2413	-1.9999	3.1563	5.1562	0.9033	90.33
56	33203	0.3549	0.2281	1.2769	-2.1381	3.0998	5.2379	0.8974	89.74
57	38896	0.3402	0.2059	1.2828	-2.1778	3.1619	5.3397	0.8964	89.64
58	39377	0.3288	0.2098	1.2811	-2.1873	3.2349	5.4222	0.8966	89.66
59	36112	0.3139	0.2153	1.2441	-2.0844	3.0506	5.135	0.9029	90.29
60	28324	0.2766	0.2079	1.1911	-2.0666	2.9887	5.0553	0.9114	91.14
61	30788	0.2599	0.1877	1.2404	-2.2464	3.0376	5.284	0.9035	90.35
62	38914	0.2268	0.1526	1.2326	-2.1873	2.8654	5.0527	0.9047	90.47
63	29236	0.1708	0.1278	1.1929	-2.2828	2.8478	5.1306	0.9111	91.11
64	27239	0.1586	0.1131	1.1876	-2.2572	2.7129	4.9701	0.9119	91.19
65	31854	0.1472	0.094	1.1815	-2.2955	2.716	5.0116	0.9129	91.29

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	33809	0.1425	0.096	1.2418	-2.3841	2.8365	5.2205	0.9032	90.32
67	34005	0.1183	0.1034	1.2091	-2.3776	2.817	5.1946	0.9085	90.85
68	39042	0.1181	0.0838	1.1912	-2.374	2.7402	5.1142	0.9113	91.13
69	30790	0.1082	0.086	1.1954	-2.4739	2.6433	5.1172	0.9107	91.07
70	30634	0.1079	0.0676	1.2123	-2.4707	2.6877	5.1584	0.908	90.8
71	33333	0.103	0.0883	1.1976	-2.3653	2.6882	5.0535	0.9103	91.03
72	33812	0.1018	0.0781	1.2073	-2.3917	2.7413	5.133	0.9088	90.88
73	33331	0.0994	0.0826	1.201	-2.3767	2.6378	5.0145	0.9098	90.98
74	20548	0.0889	0.0582	1.2004	-2.2984	2.6677	4.9661	0.9099	90.99
75	34728	0.0748	0.0483	1.202	-2.3951	2.7334	5.1285	0.9096	90.96
76	32410	0.0738	0.052	1.1823	-2.3927	2.6338	5.0265	0.9127	91.27
77	34218	0.0416	0.0189	1.2141	-2.4773	2.6455	5.1228	0.9077	90.77
78	39571	0.009	0.0042	1.2716	-2.6854	2.748	5.4335	0.8983	89.83
79	29369	-0.0047	0.0044	1.2203	-2.5755	2.6007	5.1762	0.9067	90.67
80	34729	-0.0284	-0.0158	1.2659	-2.6371	2.6246	5.2617	0.8992	89.92
81	27378	-0.0352	-0.0253	1.175	-2.5118	2.4436	4.9554	0.9138	91.38
82	30869	-0.0477	-0.0225	1.2085	-2.5557	2.4644	5.0201	0.9086	90.86
83	30073	-0.0651	-0.0449	1.1963	-2.6505	2.4537	5.1042	0.9105	91.05
84	39296	-0.0846	-0.0817	1.2553	-2.7065	2.4924	5.1989	0.901	90.1
85	35257	-0.1002	-0.0605	1.2104	-2.7089	2.3742	5.0831	0.9083	90.83
86	28378	-0.1003	-0.0738	1.2022	-2.6832	2.4676	5.1508	0.9096	90.96
87	29215	-0.1045	-0.0706	1.1764	-2.638	2.3174	4.9554	0.9136	91.36
88	32608	-0.1088	-0.0749	1.2328	-2.7497	2.4772	5.2269	0.9047	90.47
89	38603	-0.1198	-0.1025	1.2068	-2.7042	2.3688	5.0731	0.9089	90.89
90	32460	-0.1353	-0.0947	1.2098	-2.7297	2.3844	5.1142	0.9084	90.84
91	32997	-0.1531	-0.1107	1.2042	-2.706	2.3295	5.0355	0.9093	90.93
92	34004	-0.1862	-0.1259	1.2022	-2.8778	2.1807	5.0585	0.9096	90.96
93	38879	-0.1969	-0.1322	1.2027	-2.7378	2.2816	5.0194	0.9095	90.95
94	32072	-0.1986	-0.1497	1.2201	-2.8622	2.3299	5.1921	0.9068	90.68
95	34236	-0.206	-0.1454	1.2086	-2.8699	2.2276	5.0975	0.9086	90.86
96	33814	-0.224	-0.149	1.1903	-2.7981	2.1633	4.9614	0.9115	91.15
97	33168	-0.248	-0.1586	1.2295	-2.9596	2.2485	5.2081	0.9052	90.52
98	31111	-0.3744	-0.2326	1.2793	-3.2658	2.0937	5.3596	0.897	89.7
99	27509	-0.375	-0.2446	1.2866	-3.2705	2.1268	5.3973	0.8957	89.57
100	19145	-0.3756	-0.255	1.2412	-3.1616	2.0218	5.1834	0.9033	90.33

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	27836	-0.4135	-0.2651	1.2621	-3.3107	1.9485	5.2592	0.8999	89.99
102	32206	-0.4135	-0.2561	1.2898	-3.3301	1.9378	5.2679	0.8952	89.52
103	38648	-0.4264	-0.2974	1.2754	-3.2381	2.0871	5.3252	0.8976	89.76
104	30891	-0.4474	-0.2701	1.31	-3.3631	2.0537	5.4168	0.8917	89.17
105	29952	-0.4527	-0.3018	1.2991	-3.3972	1.963	5.3602	0.8936	89.36
106	31914	-0.4675	-0.2938	1.2982	-3.3408	1.9727	5.3136	0.8937	89.37
107	28680	-0.4689	-0.2767	1.3404	-3.5601	2.014	5.5741	0.8862	88.62
108	33988	-0.4805	-0.309	1.2976	-3.3704	1.9481	5.3185	0.8938	89.38
109	34146	-0.4873	-0.3221	1.3263	-3.4117	1.9619	5.3735	0.8888	88.88
110	34084	-0.4889	-0.3343	1.2915	-3.2955	1.9077	5.2032	0.8949	89.49
111	40632	-0.5523	-0.382	1.3486	-3.5991	1.9977	5.5968	0.8848	88.48
112	31541	-0.5952	-0.37	1.3921	-3.8219	1.9456	5.7675	0.8767	87.67
113	32499	-0.6397	-0.4376	1.3757	-3.7851	1.819	5.6041	0.8798	87.98
114	33191	-0.6463	-0.3652	1.4282	-3.9292	1.8059	5.7351	0.8697	86.97
115	27211	-0.6558	-0.4067	1.4077	-3.8639	1.7792	5.6431	0.8737	87.37
116	38835	-0.6559	-0.4768	1.3696	-3.7991	1.8278	5.6269	0.8809	88.09
117	29910	-0.6715	-0.4036	1.4178	-3.7973	1.774	5.5713	0.8717	87.17
118	38547	-0.706	-0.4307	1.4221	-3.8032	1.7405	5.5437	0.8709	87.09
119	38553	-0.7321	-0.4381	1.4065	-3.9061	1.6289	5.535	0.8739	87.39
120	29257	-0.7362	-0.4252	1.4134	-3.9084	1.5954	5.5038	0.8726	87.26
121	35186	-0.7376	-0.4282	1.4643	-4.0707	1.6497	5.7205	0.8625	86.25
122	30603	-0.7565	-0.481	1.4982	-4.0728	1.8979	5.9707	0.8555	85.55
123	34094	-0.7648	-0.4647	1.4228	-3.9733	1.6773	5.6506	0.8708	87.08
124	35047	-0.7938	-0.4869	1.4766	-4.0219	1.6105	5.6324	0.86	86
125	35279	-0.8019	-0.4645	1.492	-4.1227	1.6636	5.7863	0.8568	85.68
126	32878	-0.9007	-0.4827	1.72	-4.6425	1.8523	6.4947	0.8042	80.42
127	32505	-0.9177	-0.445	1.7437	-4.7643	1.8172	6.5814	0.798	79.8
128	32334	-0.9993	-0.5817	1.6396	-4.714	1.5868	6.3008	0.824	82.4
129	28494	-1.0202	-0.5864	1.6042	-4.6479	1.463	6.1109	0.8323	83.23
130	35375	-1.0242	-0.5714	1.6486	-4.7182	1.5276	6.2458	0.8218	82.18
131	31980	-1.0302	-0.5624	1.6366	-4.6596	1.4831	6.1427	0.8247	82.47
132	36043	-1.0514	-0.5738	1.665	-4.73	1.509	6.239	0.8179	81.79
133	32328	-1.09	-0.5935	1.6964	-4.9036	1.4319	6.3354	0.8101	81.01
134	40635	-1.1588	-0.6393	1.7498	-5.025	1.3572	6.3822	0.7965	79.65
135	31630	-1.3058	-0.7186	1.8808	-5.4917	1.3683	6.86	0.7599	75.99

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	32604	-1.3158	-0.7488	1.9001	-5.3784	1.419	6.7974	0.7542	75.42
137	30982	-1.323	-0.6849	1.9341	-5.5049	1.3841	6.889	0.7438	74.38
138	39376	-1.3511	-0.694	1.9397	-5.6689	1.3773	7.0462	0.742	74.2
139	34731	-1.384	-0.7209	1.944	-5.6725	1.2767	6.9492	0.7407	74.07
140	33047	-1.6176	-0.8255	2.1296	-6.2659	1.151	7.4168	0.677	67.7
141	33889	-1.836	-0.833	2.5572	-7.354	1.383	8.7371	0.468	46.8
142	30647	-3.8063	-1.7024	4.4044	-13.1238	0.6419	13.7657	0	0
143	32658	-4.2427	-1.8141	4.8965	-14.5023	0.5377	15.04	0	0
144	31535	-5.0077	-2.1825	5.7251	-17.1655	0.3978	17.5633	0	0

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	32505	4.6112	4.6603	1.6832	1.3015	7.5885	6.287	0	0
2	32859	3.1323	3.1755	1.1593	0.8425	5.1824	4.3399	0.3972	39.72
3	28324	1.6974	1.679	0.8132	0.1776	3.2461	3.0685	0.7652	76.52
4	27301	1.3636	1.3569	0.5487	0.2896	2.4232	2.1336	0.9007	90.07
5	31724	1.1586	1.1745	0.6686	-0.1577	2.4356	2.5932	0.8484	84.84
6	31742	1.0772	1.0743	0.7199	-0.2776	2.4542	2.7318	0.8217	82.17
7	31723	0.9382	0.9443	0.6287	-0.2858	2.1681	2.4539	0.8674	86.74
8	19145	0.8419	0.8327	0.6751	-0.458	2.1816	2.6396	0.8452	84.52
9	30043	0.84	0.8385	0.6703	-0.4549	2.1137	2.5685	0.8476	84.76
10	38669	0.8315	0.8309	0.6558	-0.3941	2.1005	2.4946	0.8547	85.47
11	32499	0.8314	0.8221	0.674	-0.461	2.1147	2.5757	0.8458	84.58
12	31111	0.8189	0.8129	0.6592	-0.4509	2.0556	2.5065	0.853	85.3
13	32542	0.8125	0.8036	0.669	-0.457	2.1039	2.5609	0.8482	84.82
14	31425	0.7986	0.7992	0.6476	-0.4561	2.0566	2.5127	0.8586	85.86
15	32410	0.7921	0.7915	0.6452	-0.4528	2.0619	2.5146	0.8597	85.97
16	28278	0.7632	0.7598	0.6493	-0.4912	2.033	2.5242	0.8578	85.78
17	32878	0.6521	0.6511	0.6001	-0.566	1.848	2.4141	0.8799	87.99
18	32050	0.6495	0.6591	0.5997	-0.5538	1.7852	2.339	0.8801	88.01
19	27509	0.3698	0.3642	0.6068	-0.8115	1.5527	2.3642	0.8771	87.71
20	29369	0.3626	0.36	0.6092	-0.8184	1.606	2.4245	0.876	87.6
21	27937	0.3579	0.3559	0.5936	-0.8054	1.548	2.3535	0.8827	88.27
22	27211	0.3521	0.341	0.6119	-0.8643	1.586	2.4502	0.8748	87.48
23	38648	0.3503	0.3439	0.6007	-0.8027	1.5395	2.3422	0.8797	87.97
24	39042	0.337	0.3319	0.5934	-0.802	1.5261	2.328	0.8828	88.28
25	31854	0.3358	0.3371	0.588	-0.7864	1.4902	2.2766	0.885	88.5
26	33047	0.3351	0.3321	0.5958	-0.8178	1.5152	2.333	0.8818	88.18
27	31432	0.3345	0.3334	0.5971	-0.8333	1.5071	2.3404	0.8812	88.12
28	29952	0.3328	0.3263	0.5929	-0.8005	1.535	2.3354	0.883	88.3
29	31629	0.3298	0.336	0.5945	-0.844	1.4632	2.3072	0.8823	88.23
30	31431	0.3212	0.3194	0.6007	-0.8613	1.4693	2.3306	0.8797	87.97

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	30982	0.3211	0.3313	0.5888	-0.8455	1.4687	2.3143	0.8847	88.47
32	32608	0.3193	0.3113	0.597	-0.8264	1.5168	2.3432	0.8813	88.13
33	35375	0.3169	0.3055	0.5955	-0.8478	1.4839	2.3317	0.8819	88.19
34	32658	0.3165	0.308	0.5966	-0.8402	1.4963	2.3365	0.8814	88.14
35	31430	0.3157	0.3081	0.5906	-0.8236	1.491	2.3146	0.8839	88.39
36	39465	0.3154	0.3204	0.5877	-0.8625	1.4547	2.3172	0.8852	88.52
37	20548	0.3147	0.3098	0.5978	-0.8491	1.4822	2.3313	0.8809	88.09
38	33812	0.3139	0.3037	0.5966	-0.826	1.5058	2.3318	0.8814	88.14
39	39662	0.3122	0.3089	0.5999	-0.8821	1.4736	2.3557	0.88	88
40	32328	0.3119	0.3007	0.6041	-0.867	1.492	2.359	0.8782	87.82
41	34236	0.3077	0.3095	0.602	-0.8571	1.4572	2.3142	0.8791	87.91
42	31316	0.307	0.298	0.6025	-0.8348	1.5071	2.3419	0.8789	87.89
43	34089	0.3053	0.3019	0.5997	-0.8505	1.5118	2.3623	0.8801	88.01
44	38896	0.301	0.2944	0.5913	-0.8651	1.4761	2.3411	0.8837	88.37
45	34303	0.301	0.3009	0.5954	-0.8837	1.4392	2.3229	0.8819	88.19
46	31440	0.3005	0.2988	0.5883	-0.8364	1.478	2.3144	0.8849	88.49
47	30788	0.2984	0.3045	0.6081	-0.9258	1.4509	2.3767	0.8765	87.65
48	34728	0.297	0.2932	0.5898	-0.8728	1.4183	2.2911	0.8843	88.43
49	33168	0.294	0.2948	0.5931	-0.8906	1.4498	2.3404	0.8829	88.29
50	34731	0.2812	0.2877	0.5932	-0.8624	1.4508	2.3132	0.8829	88.29
51	30206	0.2809	0.2816	0.5772	-0.8327	1.4284	2.2611	0.8895	88.95
52	27239	0.2721	0.2642	0.5677	-0.8102	1.4128	2.223	0.8933	89.33
53	39571	0.2678	0.2673	0.6105	-0.9149	1.4757	2.3906	0.8755	87.55
54	34094	0.2472	0.2552	0.5786	-0.8816	1.3752	2.2568	0.8889	88.89
55	31717	0.2024	0.1999	0.6027	-0.969	1.399	2.3679	0.8788	87.88
56	33889	0.1911	0.1876	0.6077	-0.9737	1.4039	2.3776	0.8767	87.67
57	34283	0.1762	0.1652	0.6056	-1.0191	1.3959	2.415	0.8776	87.76
58	31515	0.1532	0.1457	0.6328	-1.0794	1.3944	2.4738	0.8655	86.55
59	36112	0.1475	0.1262	0.6236	-1.0327	1.3941	2.4268	0.8697	86.97
60	31004	0.1448	0.1377	0.625	-1.0707	1.4064	2.4771	0.869	86.9
61	38603	0.1043	0.1113	0.5904	-1.0632	1.2614	2.3246	0.884	88.4
62	29257	0.0275	0.0213	0.567	-1.1033	1.1773	2.2806	0.8936	89.36
63	34732	-0.0385	-0.0408	0.6093	-1.2342	1.1923	2.4265	0.876	87.6
64	19044	-0.0799	-0.0809	0.5763	-1.2148	1.0415	2.2563	0.8899	88.99
65	23729	-0.0837	-0.0741	0.6331	-1.3555	1.1491	2.5046	0.8653	86.53

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	40632	-0.0856	-0.0838	0.6101	-1.3042	1.0842	2.3884	0.8756	87.56
67	17965	-0.0999	-0.1011	0.6034	-1.2961	1.0467	2.3428	0.8785	87.85
68	38941	-0.1023	-0.0999	0.5686	-1.2179	1.0111	2.229	0.8929	89.29
69	30603	-0.1128	-0.1176	0.6071	-1.3197	1.0932	2.4129	0.8769	87.69
70	34729	-0.1133	-0.1101	0.6154	-1.3293	1.1123	2.4416	0.8733	87.33
71	32398	-0.118	-0.1055	0.6083	-1.3039	1.1023	2.4061	0.8764	87.64
72	31535	-0.1203	-0.1149	0.5809	-1.3077	1.0315	2.3393	0.888	88.8
73	28680	-0.1255	-0.1174	0.5934	-1.3468	1.0155	2.3624	0.8828	88.28
74	27378	-0.1273	-0.1212	0.5711	-1.2294	0.9822	2.2116	0.8919	89.19
75	30647	-0.1303	-0.1247	0.5953	-1.2999	1.0522	2.3521	0.882	88.2
76	31541	-0.1345	-0.1381	0.5792	-1.2473	1.0128	2.2601	0.8887	88.87
77	27836	-0.1396	-0.1446	0.584	-1.2871	0.9749	2.262	0.8867	88.67
78	29215	-0.1436	-0.1386	0.5889	-1.2683	1.0329	2.3011	0.8847	88.47
79	33191	-0.1458	-0.1518	0.589	-1.3268	1.0475	2.3744	0.8846	88.46
80	19341	-0.1459	-0.1486	0.5794	-1.2973	0.986	2.2832	0.8886	88.86
81	29236	-0.1497	-0.1601	0.5811	-1.2496	0.9921	2.2417	0.8879	88.79
82	38547	-0.151	-0.1435	0.5895	-1.3443	1.001	2.3453	0.8844	88.44
83	29444	-0.1537	-0.1511	0.5729	-1.2639	0.9399	2.2038	0.8912	89.12
84	28378	-0.1542	-0.1505	0.5914	-1.334	0.9978	2.3318	0.8836	88.36
85	34114	-0.155	-0.1436	0.582	-1.3337	0.957	2.2907	0.8875	88.75
86	31427	-0.157	-0.1564	0.5764	-1.2848	0.9619	2.2467	0.8898	88.98
87	36043	-0.1574	-0.1507	0.5806	-1.2937	0.9545	2.2482	0.8881	88.81
88	30869	-0.1577	-0.1483	0.594	-1.3384	1.01	2.3484	0.8825	88.25
89	29636	-0.1621	-0.1578	0.5759	-1.2889	0.9498	2.2388	0.89	89
90	29151	-0.1683	-0.1738	0.5715	-1.3116	0.9517	2.2632	0.8918	89.18
91	29910	-0.1695	-0.1583	0.5927	-1.3413	1.0216	2.3629	0.8831	88.31
92	38914	-0.1705	-0.1661	0.5888	-1.3678	1.0129	2.3806	0.8847	88.47
93	32997	-0.1708	-0.1596	0.5833	-1.323	0.9543	2.2773	0.887	88.7
94	32334	-0.1724	-0.1771	0.5842	-1.2965	0.9709	2.2674	0.8866	88.66
95	38553	-0.1724	-0.1731	0.5899	-1.3874	0.983	2.3704	0.8842	88.42
96	30634	-0.1732	-0.1619	0.5801	-1.3447	0.9537	2.2983	0.8883	88.83
97	30790	-0.1756	-0.1724	0.5833	-1.3341	0.9712	2.3054	0.887	88.7
98	32072	-0.1759	-0.1663	0.5889	-1.4064	0.9484	2.3547	0.8847	88.47
99	39376	-0.1767	-0.1731	0.5841	-1.328	0.976	2.304	0.8867	88.67
100	30485	-0.1777	-0.1648	0.5852	-1.3415	0.9286	2.2702	0.8862	88.62

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	33988	-0.1788	-0.173	0.5728	-1.312	0.9559	2.2679	0.8913	89.13
102	30073	-0.1807	-0.164	0.5826	-1.3516	0.9464	2.2979	0.8873	88.73
103	20131	-0.1809	-0.1779	0.5847	-1.3244	0.9503	2.2747	0.8864	88.64
104	32206	-0.1825	-0.1791	0.5889	-1.3364	0.9703	2.3067	0.8847	88.47
105	33331	-0.1828	-0.1825	0.5935	-1.3523	0.9562	2.3085	0.8827	88.27
106	38939	-0.1854	-0.1786	0.5855	-1.3489	0.9568	2.3057	0.8861	88.61
107	35257	-0.1883	-0.1977	0.6023	-1.3758	1.0244	2.4002	0.879	87.9
108	34005	-0.1888	-0.183	0.5853	-1.3161	0.9641	2.2802	0.8862	88.62
109	35186	-0.1895	-0.1849	0.6008	-1.4189	0.9851	2.404	0.8797	87.97
110	35047	-0.1898	-0.1972	0.5912	-1.3498	0.9851	2.3348	0.8837	88.37
111	31549	-0.1907	-0.1797	0.5884	-1.3238	0.9679	2.2917	0.8849	88.49
112	33814	-0.1925	-0.192	0.5876	-1.3492	0.9629	2.3122	0.8852	88.52
113	33945	-0.193	-0.1917	0.595	-1.3796	0.9719	2.3515	0.8821	88.21
114	32928	-0.1988	-0.2045	0.5736	-1.3166	0.9141	2.2308	0.891	89.1
115	33809	-0.2014	-0.1936	0.5848	-1.3766	0.9291	2.3056	0.8864	88.64
116	33333	-0.2021	-0.205	0.5992	-1.3739	0.9875	2.3614	0.8803	88.03
117	39377	-0.2043	-0.2015	0.5753	-1.3353	0.9116	2.2469	0.8903	89.03
118	35279	-0.2061	-0.1988	0.5968	-1.3708	0.9619	2.3327	0.8814	88.14
119	32504	-0.2381	-0.2211	0.6228	-1.4647	1.0026	2.4673	0.87	87
120	28494	-0.2757	-0.2797	0.5689	-1.3978	0.8577	2.2556	0.8928	89.28
121	39081	-0.5829	-0.5823	0.6094	-1.7532	0.6529	2.4061	0.8759	87.59
122	27883	-0.6331	-0.6283	0.5961	-1.8021	0.4828	2.2849	0.8816	88.16
123	38569	-0.6498	-0.6452	0.6309	-1.8853	0.575	2.4603	0.8663	86.63
124	38879	-0.6637	-0.6575	0.6347	-1.8866	0.5662	2.4528	0.8646	86.46
125	32460	-0.6655	-0.6545	0.6334	-1.8889	0.5629	2.4518	0.8652	86.52
126	39440	-0.6683	-0.6714	0.6283	-1.8947	0.5316	2.4263	0.8675	86.75
127	31914	-0.6743	-0.6751	0.6408	-1.9336	0.5913	2.5249	0.8618	86.18
128	34004	-0.6788	-0.661	0.6301	-1.8992	0.5329	2.4321	0.8667	86.67
129	33203	-0.68	-0.6762	0.6368	-1.9076	0.5382	2.4458	0.8636	86.36
130	30891	-0.6812	-0.6819	0.6433	-1.947	0.5703	2.5174	0.8606	86.06
131	34146	-0.6816	-0.6791	0.6346	-1.916	0.5368	2.4527	0.8646	86.46
132	34218	-0.6848	-0.6831	0.6328	-1.9036	0.5303	2.4339	0.8655	86.55
133	34084	-0.6885	-0.6935	0.643	-1.9111	0.5725	2.4836	0.8608	86.08
134	40635	-0.6964	-0.6904	0.6489	-1.9902	0.5503	2.5405	0.858	85.8
135	38835	-0.7314	-0.7388	0.6415	-1.9526	0.5608	2.5134	0.8614	86.14

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	38600	-0.7777	-0.7775	0.5951	-1.961	0.3563	2.3174	0.8821	88.21
137	39022	-0.7833	-0.7829	0.62	-1.9946	0.4423	2.4369	0.8712	87.12
138	32604	-0.8173	-0.8134	0.6542	-2.0613	0.4414	2.5027	0.8554	85.54
139	39296	-0.8423	-0.839	0.6414	-2.0873	0.4262	2.5135	0.8615	86.15
140	39779	-0.8509	-0.8572	0.6666	-2.14	0.4744	2.6145	0.8494	84.94
141	31980	-1.1378	-1.1278	0.719	-2.5056	0.2289	2.7345	0.8222	82.22
142	39472	-1.1746	-1.1784	0.7341	-2.6208	0.2141	2.8349	0.8138	81.38
143	39482	-1.1923	-1.1956	0.7411	-2.5932	0.2324	2.8256	0.8098	80.98

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	30634	5.0394	5.4156	1.5285	1.0645	7.1062	6.0417	0.8382	83.82
2	30206	4.8487	5.206	1.4883	1.0317	6.8797	5.848	0.8474	84.74
3	33809	4.4591	4.7633	1.4349	0.7093	6.4734	5.7642	0.859	85.9
4	38941	3.5047	3.7274	1.2269	0.5323	5.398	4.8657	0.8991	89.91
5	31723	3.0794	3.1962	1.03	0.547	4.8011	4.2541	0.93	93
6	32398	2.9118	3.0708	1.0647	0.2673	4.6133	4.346	0.925	92.5
7	33331	2.9082	3.089	1.1356	0.2272	4.7247	4.4975	0.9142	91.42
8	23729	2.8305	2.9388	1.2627	0.0851	5.0447	4.9595	0.8928	89.28
9	33889	2.7591	2.8756	1.0194	0.4012	4.5392	4.138	0.9315	93.15
10	28278	2.672	2.8164	1.037	0.2193	4.3812	4.1619	0.929	92.9
11	34732	2.386	2.5079	0.9926	0.1335	4.1256	3.9921	0.9352	93.52
12	28324	2.3535	2.3947	0.8486	0.5333	3.9752	3.442	0.9531	95.31
13	31717	2.3062	2.3756	0.9341	0.2119	4.0048	3.7928	0.9428	94.28
14	31724	2.3039	2.3852	0.9455	0.1392	3.993	3.8539	0.9414	94.14
15	33333	2.1407	2.273	1.0126	-0.1882	3.8183	4.0065	0.9325	93.25
16	38896	2.1359	2.2627	1.0098	-0.1881	3.831	4.0191	0.9328	93.28
17	39662	2.1221	2.2544	1.0121	-0.1605	3.8669	4.0274	0.9325	93.25
18	32542	2.0724	2.1948	1.0015	-0.1132	3.799	3.9121	0.934	93.4
19	39465	2.0517	2.1826	1.0142	-0.2234	3.7611	3.9844	0.9322	93.22
20	33988	2.0446	2.1522	1.0103	-0.2264	3.7894	4.0158	0.9328	93.28
21	32608	2.0417	2.1627	0.9947	-0.2161	3.7259	3.9421	0.9349	93.49
22	27239	1.7733	1.8338	0.9177	-0.1585	3.4457	3.6042	0.9449	94.49
23	27937	1.7589	1.8606	0.9758	-0.3992	3.4824	3.8816	0.9374	93.74
24	19145	1.7143	1.8145	0.9998	-0.4787	3.4843	3.963	0.9342	93.42
25	27509	1.6894	1.785	0.9887	-0.5566	3.4501	4.0068	0.9357	93.57
26	40635	1.5411	1.6083	0.9887	-0.6615	3.2923	3.9537	0.9357	93.57
27	32504	1.4708	1.5379	0.9557	-0.5808	3.2432	3.824	0.9401	94.01
28	32928	1.3627	1.4368	0.9412	-0.6971	3.0642	3.7613	0.9419	94.19
29	39571	1.3384	1.3517	0.9079	-0.5454	3.102	3.6474	0.9461	94.61
30	31004	1.318	1.3743	0.9278	-0.6821	3.0643	3.7464	0.9436	94.36

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	39376	1.3056	1.3707	0.9172	-0.6929	2.9553	3.6482	0.9449	94.49
32	32206	1.3006	1.3636	0.9203	-0.7311	2.9219	3.653	0.9446	94.46
33	32050	1.2969	1.3538	0.917	-0.7162	3.023	3.7392	0.945	94.5
34	32499	1.2966	1.3663	0.956	-0.8296	2.9914	3.821	0.94	94
35	31549	1.2924	1.3561	0.9054	-0.6474	2.9527	3.6001	0.9464	94.64
36	31440	1.2706	1.332	0.9243	-0.7768	2.9829	3.7596	0.9441	94.41
37	36112	1.2651	1.3333	0.9292	-0.7253	3.0384	3.7637	0.9434	94.34
38	30982	1.2408	1.3112	0.9084	-0.6808	2.8878	3.5686	0.946	94.6
39	30790	1.2263	1.2902	0.9117	-0.7221	2.8839	3.606	0.9456	94.56
40	30485	1.2164	1.2717	0.9257	-0.7433	2.9254	3.6687	0.9439	94.39
41	38553	1.1057	1.1479	0.8856	-0.7729	2.7608	3.5338	0.9488	94.88
42	30043	1.0693	1.1175	0.9004	-0.8889	2.7521	3.641	0.947	94.7
43	29151	1.0629	1.099	0.8873	-0.7668	2.7597	3.5265	0.9486	94.86
44	34729	1.0614	1.0481	0.8988	-0.6946	2.9201	3.6147	0.9472	94.72
45	28378	1.0319	1.0899	0.9069	-0.9432	2.7054	3.6486	0.9462	94.62
46	30647	0.9398	0.9854	0.8878	-0.9876	2.6181	3.6056	0.9485	94.85
47	34303	0.9067	0.9658	0.8893	-0.9915	2.5388	3.5302	0.9483	94.83
48	27378	0.8662	0.9021	0.9065	-1.0173	2.5654	3.5827	0.9463	94.63
49	31535	0.8217	0.8497	0.9288	-1.0574	2.5859	3.6433	0.9435	94.35
50	27301	0.7099	0.7245	0.8293	-0.9646	2.2485	3.2132	0.9552	95.52
51	17965	0.6971	0.7012	0.982	-1.252	2.6311	3.8832	0.9366	93.66
52	32859	0.6287	0.6558	0.8677	-1.1991	2.2822	3.4813	0.9509	95.09
53	35279	0.6223	0.6443	0.8832	-1.2194	2.3058	3.5252	0.949	94.9
54	34731	0.6151	0.6503	0.8839	-1.2162	2.2933	3.5095	0.949	94.9
55	34728	0.6025	0.638	0.8865	-1.2766	2.3029	3.5795	0.9487	94.87
56	35047	0.5899	0.6153	0.897	-1.3298	2.3747	3.7044	0.9474	94.74
57	33168	0.5858	0.6082	0.876	-1.2228	2.2853	3.5082	0.9499	94.99
58	33203	0.5813	0.6128	0.8774	-1.2795	2.2209	3.5004	0.9497	94.97
59	31515	0.5777	0.5853	0.8771	-1.2544	2.2972	3.5515	0.9498	94.98
60	34236	0.5642	0.5859	0.8695	-1.2271	2.2688	3.4959	0.9507	95.07
61	34146	0.5127	0.5325	0.8582	-1.2402	2.2129	3.4531	0.952	95.2
62	32334	0.5074	0.5247	0.8739	-1.3202	2.1574	3.4776	0.9501	95.01
63	31316	0.4638	0.4915	0.8752	-1.3779	2.1949	3.5728	0.95	95
64	38879	0.4527	0.484	0.8608	-1.3353	2.1339	3.4692	0.9517	95.17
65	30788	0.4282	0.4661	0.8813	-1.4328	2.1409	3.5737	0.9493	94.93

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	32997	0.4189	0.4303	0.8649	-1.365	2.1299	3.4948	0.9512	95.12
67	29636	0.2954	0.2865	0.8678	-1.472	1.9946	3.4666	0.9509	95.09
68	38569	0.2557	0.2397	0.8645	-1.4261	1.9703	3.3964	0.9512	95.12
69	19341	0.2372	0.2399	0.8605	-1.4664	1.9126	3.3791	0.9517	95.17
70	27836	0.1986	0.1988	0.8718	-1.5853	1.9022	3.4875	0.9504	95.04
71	27883	-0.02	0.0025	0.8546	-1.7924	1.6374	3.4298	0.9524	95.24
72	35186	-0.11	-0.1098	0.8598	-1.8035	1.6727	3.4761	0.9518	95.18
73	30603	-0.1561	-0.2015	0.8903	-1.8411	1.7143	3.5554	0.9482	94.82
74	33814	-0.1684	-0.1846	0.8517	-1.777	1.5656	3.3426	0.9527	95.27
75	33812	-0.1696	-0.1737	0.8671	-1.8982	1.5771	3.4754	0.9509	95.09
76	39377	-0.1877	-0.1848	0.8486	-1.9208	1.4812	3.402	0.9531	95.31
77	20548	-0.1878	-0.1916	0.8644	-1.9506	1.502	3.4526	0.9512	95.12
78	34283	-0.2201	-0.2343	0.8805	-1.9625	1.5664	3.529	0.9494	94.94
79	34004	-0.2257	-0.2316	0.8353	-1.9469	1.4758	3.4227	0.9546	95.46
80	34084	-0.2604	-0.2534	0.8607	-1.9856	1.4892	3.4749	0.9517	95.17
81	35257	-0.272	-0.2691	0.8647	-2.046	1.4677	3.5137	0.9512	95.12
82	38939	-0.2801	-0.3032	0.8453	-2.0054	1.4141	3.4195	0.9534	95.34
83	20131	-0.2852	-0.2885	0.849	-1.9458	1.4655	3.4113	0.953	95.3
84	31914	-0.2855	-0.2976	0.8649	-2.0623	1.4842	3.5465	0.9512	95.12
85	38914	-0.3031	-0.324	0.8429	-1.9936	1.4415	3.4351	0.9537	95.37
86	32658	-0.3162	-0.3145	0.8545	-2.0159	1.4322	3.4481	0.9524	95.24
87	39440	-0.3175	-0.3389	0.8499	-1.9541	1.4355	3.3896	0.9529	95.29
88	32460	-0.361	-0.3717	0.8544	-2.0847	1.3548	3.4395	0.9524	95.24
89	34114	-0.3663	-0.3732	0.8399	-2.0669	1.3428	3.4097	0.954	95.4
90	33047	-0.3878	-0.4048	0.8628	-2.0663	1.3896	3.4558	0.9514	95.14
91	29257	-0.3951	-0.4199	0.8754	-2.1007	1.4263	3.5269	0.95	95
92	38648	-0.3974	-0.4224	0.862	-2.0771	1.3391	3.4162	0.9515	95.15
93	38547	-0.4251	-0.4459	0.8635	-2.1287	1.3688	3.4975	0.9514	95.14
94	31854	-0.4346	-0.4574	0.8665	-2.1534	1.3902	3.5436	0.951	95.1
95	29236	-0.4483	-0.4902	0.8559	-2.0983	1.3269	3.4252	0.9522	95.22
96	19044	-0.5107	-0.5294	0.8754	-2.2078	1.2925	3.5003	0.95	95
97	29215	-0.5181	-0.5401	0.8724	-2.2904	1.2614	3.5518	0.9503	95.03
98	38603	-0.5239	-0.5414	0.8606	-2.2571	1.2587	3.5158	0.9517	95.17
99	29369	-0.5357	-0.566	0.8812	-2.2761	1.2826	3.5588	0.9493	94.93
100	33191	-0.5736	-0.6123	0.8903	-2.2631	1.251	3.5141	0.9482	94.82

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	27211	-0.6168	-0.6542	0.9081	-2.3534	1.299	3.6524	0.9461	94.61
102	38835	-0.6252	-0.6148	0.8793	-2.408	1.1179	3.5259	0.9495	94.95
103	35375	-0.9483	-0.9795	0.9007	-2.679	0.9361	3.6151	0.947	94.7
104	39482	-0.9654	-1.007	0.879	-2.6381	0.8999	3.538	0.9495	94.95
105	32410	-0.9688	-1.0232	0.8886	-2.6548	0.9442	3.599	0.9484	94.84
106	34005	-1.049	-1.1108	0.8972	-2.707	0.873	3.5799	0.9474	94.74
107	32072	-1.0588	-1.1075	0.8895	-2.6951	0.8745	3.5697	0.9483	94.83
108	39042	-1.0661	-1.1134	0.8917	-2.7469	0.845	3.592	0.948	94.8
109	31430	-1.0786	-1.1289	0.8861	-2.7504	0.8758	3.6262	0.9487	94.87
110	31431	-1.0827	-1.1456	0.8785	-2.7316	0.7952	3.5268	0.9496	94.96
111	31425	-1.0875	-1.1477	0.8881	-2.7558	0.8343	3.5901	0.9485	94.85
112	36043	-1.0934	-1.1375	0.8889	-2.7687	0.7842	3.5529	0.9484	94.84
113	38669	-1.1189	-1.174	0.8944	-2.7889	0.8042	3.5932	0.9477	94.77
114	29952	-1.1342	-1.21	0.9172	-2.8554	0.8796	3.735	0.9449	94.49
115	31111	-1.1567	-1.2161	0.8798	-2.8106	0.7152	3.5258	0.9495	94.95
116	29444	-1.1723	-1.2259	0.9037	-2.8597	0.7577	3.6174	0.9466	94.66
117	31742	-1.4491	-1.5056	0.9226	-3.1451	0.5795	3.7246	0.9443	94.43
118	31541	-1.6908	-1.779	0.9652	-3.3872	0.4643	3.8515	0.9388	93.88
119	34089	-1.7264	-1.8008	0.9545	-3.4356	0.3795	3.8151	0.9402	94.02
120	32604	-1.7867	-1.8931	0.9613	-3.4433	0.3217	3.765	0.9393	93.93
121	32328	-1.7973	-1.9064	0.9713	-3.5064	0.3357	3.8421	0.938	93.8
122	31427	-1.8005	-1.9044	0.973	-3.5132	0.3668	3.88	0.9378	93.78
123	34094	-1.8933	-1.9819	0.9316	-3.5599	0.1715	3.7313	0.9431	94.31
124	39779	-1.9336	-1.9907	0.941	-3.6509	0.1263	3.7772	0.942	94.2
125	39081	-2.2117	-2.267	0.9197	-3.9295	-0.2135	3.7159	0.9446	94.46
126	32505	-2.4194	-2.5768	1.0537	-4.1285	0.0005	4.1291	0.9266	92.66
127	32878	-2.496	-2.6466	1.0857	-4.2465	-0.0141	4.2325	0.9219	92.19
128	33945	-2.4967	-2.6629	1.0653	-4.2631	0.0802	4.3433	0.925	92.5
129	34218	-2.4986	-2.6464	1.0513	-4.2227	-0.0441	4.1786	0.927	92.7
130	28680	-2.5568	-2.6953	1.1304	-4.4608	-0.0524	4.4084	0.9151	91.51
131	31432	-2.5857	-2.7379	1.0814	-4.3599	-0.0018	4.3581	0.9226	92.26
132	30891	-2.6324	-2.8038	1.0723	-4.4007	-0.1311	4.2696	0.9239	92.39
133	30869	-2.6767	-2.8298	1.072	-4.4228	-0.2016	4.2212	0.924	92.4
134	39022	-2.6952	-2.8345	1.0242	-4.3776	-0.2966	4.081	0.9308	93.08
135	28494	-2.7801	-2.9617	1.1096	-4.5445	-0.1278	4.4167	0.9183	91.83

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	40632	-2.9935	-3.1662	1.0872	-4.7591	-0.3078	4.4513	0.9217	92.17
137	31629	-3.0022	-3.2055	1.1541	-4.753	-0.2384	4.5146	0.9113	91.13
138	39472	-3.2294	-3.471	1.1868	-5.0486	-0.3604	4.6883	0.9059	90.59
139	39296	-3.232	-3.3584	1.0636	-5.0455	-0.6182	4.4273	0.9252	92.52
140	38600	-3.7233	-3.8968	1.1392	-5.464	-0.8643	4.5997	0.9137	91.37
141	31980	-3.862	-4.1076	1.2888	-5.7611	-0.5535	5.2075	0.888	88.8
142	30073	-4.1493	-4.4612	1.3595	-6.1004	-0.7067	5.3937	0.8745	87.45
143	29910	-4.2398	-4.5077	1.3437	-6.1762	-0.8522	5.3241	0.8776	87.76

MCL

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	34146	2.5688	2.7592	1.0533	0.1895	4.2341	4.0446	0.8584	85.84
2	28324	2.2081	2.3045	0.8406	0.338	3.6227	3.2846	0.9124	91.24
3	31742	2.0752	2.2066	0.9549	-0.0205	3.6451	3.6655	0.8853	88.53
4	31004	2.0091	2.1131	0.8767	0.0621	3.5005	3.4385	0.9043	90.43
5	32499	1.9348	2.0354	0.8994	-0.0822	3.4588	3.541	0.899	89.9
6	35279	1.885	2.0104	0.9159	-0.1214	3.4074	3.5288	0.895	89.5
7	28378	1.8697	1.9825	0.896	-0.1421	3.3685	3.5106	0.8998	89.98
8	30485	1.86	1.9796	0.8999	-0.1149	3.3766	3.4915	0.8988	89.88
9	31854	1.8598	1.9878	0.9177	-0.1822	3.3596	3.5419	0.8946	89.46
10	32050	1.5181	1.5724	0.8084	-0.1999	2.9911	3.1911	0.9192	91.92
11	33889	1.4339	1.4765	0.7607	-0.1434	2.8557	2.9991	0.9288	92.88
12	31724	1.4338	1.4764	0.7642	-0.193	2.8917	3.0847	0.9282	92.82
13	31717	1.429	1.4682	0.7678	-0.2071	2.8736	3.0806	0.9275	92.75
14	33809	1.3834	1.4618	0.8275	-0.3456	2.8352	3.1807	0.9152	91.52
15	35186	1.3742	1.4499	0.829	-0.4388	2.8435	3.2823	0.9149	91.49
16	29369	1.3705	1.4451	0.8365	-0.4127	2.8293	3.242	0.9133	91.33
17	32542	1.3661	1.4483	0.8475	-0.4213	2.8763	3.2976	0.9109	91.09
18	36112	1.3119	1.3496	0.7762	-0.3242	2.747	3.0712	0.9258	92.58
19	32859	1.3107	1.3697	0.7708	-0.2683	2.7171	2.9854	0.9269	92.69
20	34094	1.2954	1.3617	0.8166	-0.4109	2.7523	3.1631	0.9175	91.75
21	34732	1.2385	1.3062	0.7883	-0.4296	2.6663	3.0959	0.9234	92.34
22	31316	1.1763	1.2293	0.7898	-0.4623	2.5995	3.0618	0.9231	92.31
23	27509	1.1744	1.2428	0.7878	-0.5126	2.5958	3.1084	0.9235	92.35
24	19341	1.17	1.232	0.7939	-0.5075	2.5969	3.1045	0.9222	92.22
25	20548	1.1676	1.245	0.7946	-0.5407	2.5621	3.1029	0.9221	92.21
26	23729	1.1653	1.2217	0.786	-0.5115	2.5386	3.05	0.9238	92.38
27	30634	1.1629	1.2243	0.7746	-0.5243	2.5679	3.0923	0.9261	92.61
28	27836	1.1614	1.2208	0.7857	-0.5072	2.5842	3.0914	0.9239	92.39
29	34004	1.1612	1.228	0.7923	-0.4989	2.5931	3.092	0.9226	92.26
30	34114	1.157	1.2358	0.7821	-0.5497	2.5203	3.07	0.9246	92.46

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	29444	1.1546	1.2184	0.7863	-0.5034	2.5295	3.0328	0.9238	92.38
32	34089	1.1538	1.2285	0.7911	-0.5368	2.5282	3.065	0.9228	92.28
33	30982	1.1536	1.2241	0.7966	-0.5404	2.5795	3.1198	0.9217	92.17
34	35047	1.1512	1.2083	0.7965	-0.5549	2.5977	3.1526	0.9217	92.17
35	19145	1.1502	1.2185	0.7832	-0.4498	2.5945	3.0443	0.9244	92.44
36	30206	1.0065	1.0893	0.7926	-0.6045	2.4358	3.0404	0.9225	92.25
37	27301	1.0054	1.0161	0.6491	-0.2803	2.2593	2.5396	0.9487	94.87
38	31723	0.7426	0.7532	0.7233	-0.7001	2.2168	2.9169	0.9359	93.59
39	29151	0.7411	0.7876	0.7547	-0.8388	2.1243	2.9632	0.93	93
40	29910	0.6889	0.7176	0.7427	-0.8184	2.1027	2.9212	0.9323	93.23
41	35375	0.6887	0.7071	0.7471	-0.7979	2.1284	2.9263	0.9315	93.15
42	32608	0.6836	0.6896	0.747	-0.8442	2.1491	2.9933	0.9315	93.15
43	39662	0.6694	0.6755	0.7365	-0.8345	2.0705	2.905	0.9335	93.35
44	31111	0.6676	0.6661	0.7376	-0.813	2.0889	2.9019	0.9333	93.33
45	34303	0.6638	0.6831	0.748	-0.8716	2.1047	2.9763	0.9313	93.13
46	38914	0.6637	0.6731	0.7495	-0.825	2.1142	2.9392	0.931	93.1
47	29257	0.6312	0.6382	0.6948	-0.7429	2.0112	2.7542	0.941	94.1
48	32878	0.6012	0.5972	0.7356	-0.8855	2.1011	2.9867	0.9336	93.36
49	28278	0.5621	0.5653	0.7007	-0.8417	1.9276	2.7693	0.94	94
50	30603	0.5309	0.552	0.7346	-0.9978	1.994	2.9918	0.9338	93.38
51	38835	0.5106	0.527	0.7376	-0.9787	1.9497	2.9284	0.9333	93.33
52	28494	0.4879	0.5042	0.6978	-0.9355	1.8285	2.7639	0.9405	94.05
53	30790	0.4746	0.4853	0.7268	-1.0285	1.9064	2.9349	0.9353	93.53
54	27239	0.4708	0.4842	0.6819	-0.9156	1.8051	2.7207	0.9433	94.33
55	32328	0.469	0.4908	0.716	-1.0016	1.849	2.8506	0.9372	93.72
56	38648	0.4678	0.4862	0.7191	-1.0523	1.8752	2.9275	0.9367	93.67
57	38669	0.4675	0.4881	0.7211	-0.9966	1.8619	2.8586	0.9363	93.63
58	33203	0.4646	0.4828	0.6989	-0.9622	1.8155	2.7777	0.9403	94.03
59	33191	0.4619	0.4816	0.716	-0.9573	1.8576	2.8149	0.9372	93.72
60	27211	0.4606	0.4873	0.7162	-1.023	1.8249	2.8479	0.9372	93.72
61	33047	0.4604	0.4877	0.7086	-0.9813	1.8172	2.7986	0.9386	93.86
62	27378	0.4604	0.4779	0.6992	-0.9566	1.8139	2.7705	0.9402	94.02
63	27937	0.46	0.4736	0.7119	-1.0108	1.8431	2.8539	0.938	93.8
64	38553	0.4589	0.4766	0.7169	-0.9979	1.8604	2.8583	0.9371	93.71
65	33814	0.4558	0.4648	0.7172	-0.9881	1.8664	2.8544	0.937	93.7

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	39377	0.4554	0.4564	0.7026	-0.9807	1.8174	2.7981	0.9396	93.96
67	40635	0.4552	0.476	0.7103	-0.9872	1.8076	2.7947	0.9383	93.83
68	34731	0.4518	0.4732	0.7079	-0.9989	1.8089	2.8077	0.9387	93.87
69	31425	0.4516	0.461	0.7136	-1.026	1.8588	2.8847	0.9377	93.77
70	31549	0.4473	0.4747	0.7339	-1.086	1.8275	2.9136	0.9339	93.39
71	29215	0.4444	0.4731	0.7283	-1.0977	1.8271	2.9248	0.935	93.5
72	34283	0.4443	0.4735	0.74	-1.1122	1.8774	2.9896	0.9328	93.28
73	29952	0.4434	0.4669	0.7272	-1.0739	1.8508	2.9247	0.9352	93.52
74	32928	0.4426	0.4696	0.7112	-1.0284	1.8032	2.8317	0.9381	93.81
75	32398	0.0353	0.0296	0.726	-1.4383	1.4753	2.9136	0.9354	93.54
76	32334	0.0324	0.0333	0.7134	-1.4279	1.4382	2.8661	0.9377	93.77
77	30869	-0.0296	-0.0285	0.7232	-1.4652	1.3848	2.85	0.9359	93.59
78	32206	-0.0306	-0.0397	0.7344	-1.4847	1.4526	2.9372	0.9339	93.39
79	39440	-0.0318	-0.0364	0.7274	-1.4427	1.4237	2.8664	0.9352	93.52
80	32505	-0.1019	-0.1274	0.713	-1.4991	1.3919	2.891	0.9378	93.78
81	40632	-0.1028	-0.1248	0.7218	-1.4836	1.3571	2.8407	0.9362	93.62
82	31515	-0.104	-0.1304	0.7169	-1.4622	1.4071	2.8692	0.9371	93.71
83	27883	-0.1416	-0.1276	0.7101	-1.5736	1.2492	2.8228	0.9383	93.83
84	32504	-0.1688	-0.1907	0.7191	-1.5411	1.3151	2.8562	0.9367	93.67
85	31430	-0.2253	-0.2373	0.6885	-1.5767	1.1648	2.7415	0.9421	94.21
86	34005	-0.2281	-0.2503	0.7145	-1.6085	1.2007	2.8093	0.9375	93.75
87	38939	-0.2298	-0.2293	0.705	-1.6328	1.1854	2.8182	0.9392	93.92
88	32460	-0.2308	-0.2426	0.7097	-1.6339	1.1989	2.8327	0.9384	93.84
89	34084	-0.2313	-0.234	0.6975	-1.6214	1.1905	2.8119	0.9405	94.05
90	39482	-0.2333	-0.2433	0.7171	-1.6692	1.2266	2.8958	0.937	93.7
91	20131	-0.234	-0.2475	0.6963	-1.6234	1.1752	2.7986	0.9407	94.07
92	33988	-0.2356	-0.2449	0.7056	-1.6018	1.1884	2.7902	0.9391	93.91
93	38896	-0.2359	-0.238	0.693	-1.6256	1.1763	2.8019	0.9413	94.13
94	34728	-0.236	-0.2531	0.6901	-1.5788	1.1606	2.7394	0.9418	94.18
95	31535	-0.2385	-0.249	0.6873	-1.598	1.1643	2.7623	0.9423	94.23
96	31980	-0.2396	-0.2508	0.7031	-1.6459	1.1757	2.8216	0.9395	93.95
97	33168	-0.2414	-0.2527	0.7147	-1.6463	1.2313	2.8776	0.9375	93.75
98	38547	-0.2432	-0.2548	0.7127	-1.6411	1.2022	2.8433	0.9378	93.78
99	32658	-0.2435	-0.2461	0.6936	-1.6272	1.1435	2.7707	0.9412	94.12
100	34218	-0.2437	-0.2647	0.7048	-1.6633	1.1817	2.845	0.9392	93.92

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	36043	-0.2444	-0.2568	0.6988	-1.6133	1.1917	2.805	0.9403	94.03
102	34236	-0.2447	-0.265	0.7112	-1.6242	1.1904	2.8147	0.9381	93.81
103	29636	-0.2448	-0.2653	0.7029	-1.6308	1.1851	2.8159	0.9396	93.96
104	38603	-0.2466	-0.2487	0.7122	-1.6276	1.1308	2.7584	0.9379	93.79
105	32997	-0.2475	-0.2539	0.7103	-1.6343	1.1833	2.8176	0.9383	93.83
106	33331	-0.2507	-0.249	0.7149	-1.6688	1.2228	2.8915	0.9374	93.74
107	38941	-0.3189	-0.3106	0.6886	-1.6777	1.0551	2.7327	0.9421	94.21
108	30788	-0.3715	-0.3525	0.7196	-1.8433	1.0411	2.8844	0.9366	93.66
109	17965	-0.7205	-0.7567	0.7637	-2.1806	0.8183	2.9989	0.9282	92.82
110	39465	-0.7226	-0.7428	0.7528	-2.1541	0.8067	2.9608	0.9304	93.04
111	38569	-0.7355	-0.7684	0.7679	-2.1745	0.8623	3.0368	0.9274	92.74
112	35257	-0.7421	-0.7701	0.7761	-2.2005	0.8656	3.0661	0.9258	92.58
113	39022	-0.7565	-0.7769	0.7158	-2.1526	0.7161	2.8688	0.9373	93.73
114	39571	-0.7648	-0.7914	0.7546	-2.2081	0.7605	2.9686	0.93	93
115	34729	-0.8261	-0.8784	0.7828	-2.2316	0.852	3.0836	0.9245	92.45
116	28680	-0.9261	-0.9685	0.7589	-2.2779	0.68	2.958	0.9292	92.92
117	19044	-0.9262	-0.9706	0.7444	-2.3253	0.6324	2.9578	0.932	93.2
118	39042	-0.9285	-0.9671	0.7605	-2.3336	0.6547	2.9883	0.9289	92.89
119	38879	-0.9347	-0.9697	0.7516	-2.3196	0.6053	2.9248	0.9306	93.06
120	31914	-0.9364	-0.9866	0.7679	-2.3734	0.6875	3.0609	0.9274	92.74
121	30891	-0.9413	-0.9775	0.7542	-2.3303	0.589	2.9193	0.9301	93.01
122	33333	-0.9465	-0.9913	0.7588	-2.3208	0.6993	3.0201	0.9292	92.92
123	29236	-0.9516	-0.9911	0.764	-2.3629	0.6429	3.0058	0.9282	92.82
124	33812	-0.9567	-1.0011	0.7491	-2.3306	0.6138	2.9444	0.9311	93.11
125	32410	-1.6053	-1.6962	0.861	-3.0762	0.24	3.3162	0.9078	90.78
126	30043	-1.6401	-1.7357	0.8671	-3.1031	0.2232	3.3263	0.9065	90.65
127	33945	-1.6493	-1.7548	0.8481	-3.08	0.184	3.264	0.9107	91.07
128	32604	-1.672	-1.7863	0.8714	-3.1138	0.2453	3.359	0.9055	90.55
129	39779	-1.895	-1.9909	0.8967	-3.4617	0.0895	3.5512	0.8996	89.96
130	38600	-1.9245	-1.9673	0.7783	-3.3507	-0.2641	3.0866	0.9254	92.54
131	31541	-2.1605	-2.2939	0.984	-3.7805	0.0046	3.7851	0.8777	87.77
132	31629	-2.3237	-2.4844	0.9932	-3.8604	-0.0758	3.7846	0.8752	87.52
133	39376	-2.3415	-2.4921	0.9885	-3.879	-0.121	3.7579	0.8765	87.65
134	31432	-2.3434	-2.5071	0.9946	-3.9424	-0.116	3.8264	0.8749	87.49
135	39472	-2.3461	-2.508	0.9979	-3.9065	-0.0758	3.8306	0.874	87.4

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
136	31431	-2.353	-2.5052	0.9961	-3.9586	-0.0984	3.8602	0.8745	87.45
137	30647	-2.8395	-3.0296	1.1275	-4.6012	-0.2888	4.3124	0.8358	83.58
138	31440	-2.8464	-3.0214	1.1243	-4.6092	-0.2855	4.3236	0.8368	83.68
139	39296	-2.9427	-3.1226	1.0032	-4.5357	-0.5198	4.0158	0.8725	87.25
140	31427	-3.0298	-3.2635	1.1605	-4.7641	-0.2847	4.4794	0.8249	82.49
141	32072	-3.0487	-3.2612	1.1519	-4.7657	-0.3588	4.4069	0.8278	82.78
142	39081	-3.2788	-3.4883	1.1139	-4.9513	-0.5918	4.3595	0.8401	84.01
143	30073	-3.5013	-3.781	1.2944	-5.3743	-0.5193	4.8549	0.7763	77.63

MTL

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	34089	3.0694	3.3165	1.1529	0.3099	4.7713	4.4614	0.8207	82.07
2	27378	3.0428	3.2693	1.1432	0.3633	4.732	4.3688	0.824	82.4
3	35186	2.4256	2.5856	1.0193	0.0176	4.0354	4.0178	0.863	86.3
4	29910	2.4122	2.5851	1.01	0.0916	3.9951	3.9035	0.8657	86.57
5	30634	2.3859	2.5472	0.9901	0.1181	3.9351	3.817	0.8713	87.13
6	34303	1.7057	1.8107	0.8691	-0.1962	3.1943	3.3905	0.9025	90.25
7	31316	1.6911	1.7961	0.8456	-0.1199	3.1279	3.2478	0.9079	90.79
8	30485	1.6818	1.7896	0.8584	-0.2491	3.1284	3.3774	0.905	90.5
9	30790	1.6788	1.771	0.8492	-0.1457	3.1643	3.3099	0.9071	90.71
10	34146	1.6727	1.7765	0.8588	-0.2038	3.1042	3.308	0.9049	90.49
11	19145	1.6721	1.7828	0.8429	-0.153	3.077	3.23	0.9086	90.86
12	33203	1.6688	1.7719	0.8409	-0.1901	3.1027	3.2929	0.909	90.9
13	38879	1.6687	1.7559	0.8467	-0.1856	3.0863	3.2719	0.9077	90.77
14	31549	1.6571	1.7547	0.8399	-0.1295	3.103	3.2325	0.9092	90.92
15	31111	1	1.0277	0.7607	-0.5634	2.4247	2.9881	0.9262	92.62
16	32608	0.9986	1.0361	0.7519	-0.567	2.3964	2.9634	0.928	92.8
17	35375	0.9943	1.0253	0.7515	-0.5487	2.4033	2.952	0.928	92.8
18	39662	0.9928	1.022	0.765	-0.544	2.411	2.955	0.9253	92.53
19	38569	0.9881	1.0184	0.7522	-0.5589	2.3943	2.9532	0.9279	92.79
20	19341	0.9821	1.0357	0.7293	-0.5685	2.2853	2.8539	0.9324	93.24
21	35279	0.9802	1.0208	0.7352	-0.5797	2.3315	2.9112	0.9312	93.12
22	33191	0.9769	1.0293	0.7248	-0.5169	2.324	2.841	0.9332	93.32
23	38553	0.9706	1.0324	0.7526	-0.6285	2.3385	2.967	0.9278	92.78
24	32658	0.9704	1.011	0.739	-0.5748	2.3154	2.8902	0.9305	93.05
25	39042	0.9703	1.0118	0.7525	-0.6369	2.3767	3.0135	0.9278	92.78
26	28378	0.9681	1.0155	0.7424	-0.5561	2.3407	2.8968	0.9298	92.98
27	35047	0.9679	1.027	0.7422	-0.5971	2.3118	2.9089	0.9299	92.99
28	36043	0.9677	1.0057	0.7504	-0.5841	2.3726	2.9567	0.9283	92.83
29	33945	0.9664	1.0034	0.7379	-0.5391	2.3402	2.8793	0.9307	93.07
30	27937	0.964	1.0065	0.727	-0.5315	2.3608	2.8922	0.9328	93.28

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	31914	0.9634	1.0202	0.7488	-0.6408	2.2906	2.9314	0.9286	92.86
32	31004	0.9596	1.016	0.7631	-0.6445	2.3626	3.0071	0.9257	92.57
33	27836	0.9586	1.0193	0.7391	-0.5868	2.302	2.8888	0.9305	93.05
34	32072	0.9584	0.9966	0.7281	-0.5589	2.2958	2.8547	0.9326	93.26
35	20131	0.9573	1.0068	0.7367	-0.5935	2.3057	2.8992	0.9309	93.09
36	34114	0.956	0.9889	0.7336	-0.5857	2.3213	2.907	0.9316	93.16
37	31515	0.9498	0.9944	0.7429	-0.6521	2.2999	2.952	0.9297	92.97
38	40635	0.9471	0.984	0.7363	-0.6184	2.3104	2.9288	0.931	93.1
39	34094	0.9024	0.9591	0.7564	-0.6559	2.3034	2.9593	0.9271	92.71
40	29151	0.8969	0.9387	0.7357	-0.6714	2.2502	2.9215	0.9311	93.11
41	29257	0.8939	0.943	0.7282	-0.6402	2.2286	2.8689	0.9326	93.26
42	31717	0.8608	0.905	0.7549	-0.7208	2.2418	2.9625	0.9274	92.74
43	28494	0.7971	0.8362	0.7275	-0.7294	2.1137	2.8431	0.9327	93.27
44	38603	0.6184	0.6401	0.7136	-0.8334	2.0101	2.8434	0.9354	93.54
45	38914	0.3099	0.3146	0.7079	-1.114	1.7206	2.8346	0.9364	93.64
46	17965	0.2923	0.3011	0.7288	-1.1608	1.7581	2.919	0.9325	93.25
47	29369	0.2917	0.3009	0.7112	-1.1225	1.6592	2.7817	0.9358	93.58
48	34283	0.2869	0.2918	0.7001	-1.1612	1.6563	2.8175	0.9379	93.79
49	39440	0.2855	0.2741	0.7067	-1.0739	1.7482	2.8221	0.9366	93.66
50	33814	0.2789	0.2809	0.6871	-1.087	1.6251	2.7122	0.9402	94.02
51	39377	0.2775	0.2945	0.6844	-1.104	1.62	2.724	0.9407	94.07
52	32460	0.2774	0.2817	0.704	-1.1289	1.675	2.8039	0.9371	93.71
53	34004	0.276	0.2834	0.6769	-1.0887	1.6177	2.7064	0.942	94.2
54	33988	0.2676	0.2661	0.6878	-1.1314	1.5905	2.7219	0.9401	94.01
55	34084	0.2656	0.2778	0.6902	-1.1215	1.5927	2.7142	0.9397	93.97
56	39482	0.2641	0.267	0.6911	-1.1337	1.6227	2.7564	0.9395	93.95
57	28680	0.2599	0.2601	0.6836	-1.1227	1.631	2.7537	0.9409	94.09
58	33812	0.2578	0.2629	0.6927	-1.1814	1.6012	2.7826	0.9392	93.92
59	29215	0.2565	0.2531	0.6766	-1.1209	1.5714	2.6924	0.9421	94.21
60	20548	0.2541	0.2616	0.6832	-1.1568	1.573	2.7298	0.9409	94.09
61	34728	0.2527	0.2537	0.6777	-1.1218	1.5848	2.7066	0.9419	94.19
62	34005	0.2517	0.2626	0.6762	-1.0521	1.5769	2.629	0.9422	94.22
63	36112	0.2497	0.2535	0.7001	-1.182	1.643	2.825	0.9379	93.79
64	33168	0.249	0.266	0.691	-1.1358	1.595	2.7308	0.9395	93.95
65	34218	0.2464	0.2497	0.6871	-1.1844	1.6003	2.7847	0.9402	94.02

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	32859	0.2274	0.2286	0.6936	-1.1363	1.6056	2.7419	0.939	93.9
67	19044	0.2029	0.2306	0.6806	-1.203	1.4921	2.6952	0.9414	94.14
68	27883	0.1781	0.1897	0.6768	-1.1622	1.5061	2.6684	0.9421	94.21
69	27239	0.1595	0.1778	0.6559	-1.1582	1.4244	2.5826	0.9457	94.57
70	27301	-0.2764	-0.2973	0.6354	-1.4996	1.0332	2.5328	0.9491	94.91
71	32504	-0.3361	-0.3813	0.73	-1.6784	1.2245	2.9028	0.9323	93.23
72	32499	-0.3418	-0.3659	0.7267	-1.7225	1.1525	2.875	0.9329	93.29
73	40632	-0.3457	-0.3588	0.717	-1.7308	1.1429	2.8737	0.9347	93.47
74	31440	-0.3963	-0.4024	0.7192	-1.7884	1.0626	2.851	0.9343	93.43
75	30869	-0.3997	-0.4102	0.718	-1.7536	1.0485	2.8021	0.9345	93.45
76	32542	-0.4099	-0.435	0.7214	-1.7987	1.0972	2.8958	0.9339	93.39
77	32206	-0.4111	-0.423	0.7319	-1.8347	1.0657	2.9004	0.9319	93.19
78	35257	-0.4119	-0.4288	0.7227	-1.7862	1.0653	2.8515	0.9336	93.36
79	30647	-0.414	-0.4203	0.7152	-1.7995	1.0359	2.8354	0.9351	93.51
80	32334	-0.416	-0.4365	0.7118	-1.7789	1.0801	2.859	0.9357	93.57
81	32398	-0.4189	-0.4279	0.7264	-1.8401	1.0926	2.9327	0.9329	93.29
82	39376	-0.4226	-0.4458	0.6913	-1.7434	1.0553	2.7986	0.9395	93.95
83	30788	-0.4238	-0.4485	0.7223	-1.8198	1.0698	2.8896	0.9337	93.37
84	32928	-0.4249	-0.44	0.7051	-1.7768	0.9869	2.7637	0.9369	93.69
85	29236	-0.4292	-0.4506	0.6942	-1.7362	0.9955	2.7317	0.9389	93.89
86	30982	-0.4294	-0.4408	0.6859	-1.7899	0.9589	2.7488	0.9404	94.04
87	30603	-0.4295	-0.4593	0.6998	-1.765	1.0049	2.7699	0.9379	93.79
88	31427	-0.4325	-0.4542	0.6934	-1.7588	0.9912	2.7501	0.9391	93.91
89	31535	-0.4334	-0.4478	0.7047	-1.8079	1.008	2.8159	0.937	93.7
90	38939	-0.4354	-0.4524	0.705	-1.7603	1.0139	2.7741	0.937	93.7
91	32050	-0.4393	-0.4667	0.7278	-1.8516	1.0444	2.896	0.9327	93.27
92	33809	-0.4393	-0.4724	0.7356	-1.8147	1.0846	2.8993	0.9312	93.12
93	33331	-0.4395	-0.456	0.6992	-1.7792	1.0531	2.8323	0.938	93.8
94	31854	-0.4404	-0.4637	0.6977	-1.7466	1.0055	2.7521	0.9383	93.83
95	38669	-0.4424	-0.4719	0.7015	-1.7725	0.9936	2.7661	0.9376	93.76
96	23729	-0.4426	-0.4575	0.6934	-1.7759	0.9588	2.7348	0.9391	93.91
97	38648	-0.4428	-0.4479	0.691	-1.8034	0.9602	2.7637	0.9395	93.95
98	32997	-0.445	-0.4622	0.6932	-1.7684	0.9814	2.7498	0.9391	93.91
99	27211	-0.4463	-0.4661	0.7095	-1.8409	0.9875	2.8284	0.9361	93.61
100	33047	-0.4487	-0.4612	0.6981	-1.8267	0.9814	2.808	0.9382	93.82

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
101	27509	-0.4511	-0.4708	0.6837	-1.7792	0.9345	2.7136	0.9408	94.08
102	34731	-0.4511	-0.461	0.6887	-1.7496	0.9363	2.6859	0.9399	93.99
103	33333	-0.4526	-0.471	0.7079	-1.8286	1.005	2.8337	0.9364	93.64
104	31432	-0.4594	-0.483	0.6966	-1.7815	0.9917	2.7732	0.9385	93.85
105	30891	-0.4609	-0.4744	0.7018	-1.8317	0.9558	2.7875	0.9376	93.76
106	34236	-0.463	-0.4932	0.6981	-1.7933	0.9606	2.7539	0.9382	93.82
107	32878	-0.4697	-0.4881	0.7177	-1.8924	1.0118	2.9042	0.9346	93.46
108	31723	-0.5615	-0.5752	0.7074	-1.9715	0.8812	2.8527	0.9365	93.65
109	31724	-0.5694	-0.5815	0.6923	-1.8857	0.8585	2.7442	0.9393	93.93
110	31629	-0.7966	-0.8285	0.7218	-2.1487	0.718	2.8667	0.9338	93.38
111	38835	-1.0572	-1.1273	0.8039	-2.4788	0.7025	3.1814	0.9172	91.72
112	28324	-1.0956	-1.1385	0.7328	-2.4725	0.4126	2.8852	0.9317	93.17
113	30073	-1.0967	-1.1449	0.785	-2.5402	0.5463	3.0864	0.9212	92.12
114	31541	-1.1216	-1.1584	0.8041	-2.5763	0.5924	3.1687	0.9172	91.72
115	39465	-1.1235	-1.1605	0.7932	-2.5755	0.5485	3.1241	0.9195	91.95
116	32410	-1.1286	-1.2064	0.765	-2.4702	0.5045	2.9748	0.9253	92.53
117	29636	-1.1371	-1.1913	0.7817	-2.5314	0.5565	3.0879	0.9219	92.19
118	31425	-1.1411	-1.2064	0.7638	-2.5193	0.4904	3.0096	0.9256	92.56
119	31430	-1.1521	-1.226	0.7818	-2.5265	0.5101	3.0366	0.9219	92.19
120	32604	-1.1561	-1.2314	0.783	-2.5471	0.5663	3.1134	0.9216	92.16
121	38547	-1.1573	-1.2269	0.7743	-2.5535	0.4817	3.0352	0.9234	92.34
122	32505	-1.175	-1.2238	0.7708	-2.5502	0.495	3.0452	0.9241	92.41
123	33889	-1.2897	-1.3369	0.7646	-2.7203	0.3106	3.0309	0.9254	92.54
124	30206	-1.3179	-1.3663	0.7372	-2.6789	0.252	2.9309	0.9309	93.09
125	39779	-1.7315	-1.811	0.8299	-3.2325	0.077	3.3095	0.9115	91.15
126	38600	-1.8169	-1.8691	0.7781	-3.2295	-0.1275	3.1019	0.9226	92.26
127	29444	-1.8308	-1.9485	0.8951	-3.3313	0.1202	3.4514	0.8962	89.62
128	39472	-1.8395	-1.9527	0.886	-3.2973	0.128	3.4252	0.8984	89.84
129	31980	-1.8592	-1.9745	0.8771	-3.3252	0.0627	3.3879	0.9006	90.06
130	38896	-1.8629	-1.9896	0.8926	-3.3851	0.1051	3.4902	0.8968	89.68
131	32328	-1.8682	-1.9895	0.8864	-3.3361	0.1025	3.4386	0.8983	89.83
132	31431	-1.8749	-1.9859	0.8959	-3.3915	0.1269	3.5183	0.896	89.6
133	28278	-1.9907	-2.0861	0.851	-3.3975	-0.056	3.3416	0.9067	90.67
134	34729	-2.0041	-2.1176	0.8658	-3.4514	-0.0165	3.4349	0.9033	90.33
135	39081	-2.0898	-2.2033	0.8575	-3.5459	-0.2062	3.3397	0.9052	90.52

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
136	34732	-2.1033	-2.2012	0.8634	-3.555	-0.15	3.405	0.9038	90.38
137	39022	-2.2827	-2.4262	0.9283	-3.746	-0.1451	3.601	0.8879	88.79
138	31742	-2.5311	-2.7046	1.0541	-4.1765	-0.0957	4.0808	0.8527	85.27
139	29952	-2.5446	-2.7317	1.032	-4.1149	-0.183	3.9319	0.8593	85.93
140	30043	-2.5761	-2.7373	1.0389	-4.1888	-0.2058	3.983	0.8572	85.72
141	39296	-2.7606	-2.9384	0.9999	-4.3028	-0.4361	3.8667	0.8686	86.86
142	39571	-2.9085	-3.0821	0.9978	-4.4571	-0.431	4.0261	0.8691	86.91
143	38941	-3.4332	-3.6766	1.1577	-5.1131	-0.62	4.4931	0.819	81.9

EXT

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	31538	0.7258	0.3698	1.499	-1.2606	4.846	6.1066	0.4898	48.98
2	29496	0.6165	0.3148	1.3479	-1.2048	4.1463	5.3511	0.6208	62.08
3	26548	0.5842	0.2994	1.3282	-1.2511	4.3427	5.5938	0.635	63.5
4	31524	0.5728	0.2809	1.3882	-1.2788	4.3269	5.6058	0.5899	58.99
5	31515	0.5486	0.2716	1.3261	-1.2834	4.1352	5.4186	0.6365	63.65
6	31495	0.5432	0.2919	1.3662	-1.481	4.2302	5.7113	0.6071	60.71
7	31527	0.5037	0.2799	1.2832	-1.4772	3.9604	5.4375	0.6655	66.55
8	31539	0.4828	0.2471	1.3359	-1.6226	3.9589	5.5816	0.6295	62.95
9	31541	0.4353	0.2231	1.2292	-1.4916	3.6982	5.1898	0.6992	69.92
10	31516	0.4296	0.2213	1.2585	-1.4245	3.6967	5.1212	0.6813	68.13
11	29838	0.4153	0.208	1.2064	-1.43	3.5726	5.0027	0.7125	71.25
12	25007	0.3992	0.2236	1.1256	-1.3444	3.3236	4.668	0.7559	75.59
13	25803	0.398	0.2084	1.18	-1.5176	3.5293	5.0469	0.7273	72.73
14	31512	0.394	0.199	1.1959	-1.3898	3.4776	4.8673	0.7184	71.84
15	26044	0.3935	0.2023	1.2226	-1.5768	3.7275	5.3042	0.7031	70.31
16	31508	0.386	0.1976	1.2109	-1.5549	3.5328	5.0877	0.7099	70.99
17	29832	0.3817	0.1942	1.1975	-1.4645	3.4972	4.9617	0.7176	71.76
18	22700	0.3736	0.1843	1.2504	-1.6063	3.6093	5.2157	0.6864	68.64
19	31486	0.363	0.2014	1.2498	-1.7818	3.559	5.3408	0.6867	68.67
20	26565	0.3332	0.1574	1.2304	-1.6727	3.4844	5.157	0.6985	69.85
21	29842	0.3009	0.1596	1.1673	-1.6525	3.3148	4.9673	0.7342	73.42
22	26566	0.2984	0.1346	1.1367	-1.6443	3.1699	4.8142	0.7503	75.03
23	29137	0.294	0.162	1.1422	-1.7366	3.1079	4.8445	0.7474	74.74
24	26531	0.2923	0.1297	1.146	-1.6678	3.1845	4.8524	0.7455	74.55
25	24869	0.2896	0.1344	1.1666	-1.681	3.2468	4.9278	0.7346	73.46
26	26066	0.2675	0.1417	1.1198	-1.6953	2.9528	4.6482	0.7588	75.88
27	29833	0.2662	0.1553	1.1916	-1.9291	3.1978	5.1269	0.7209	72.09
28	31493	0.263	0.1222	1.1442	-1.7295	3.1743	4.9038	0.7464	74.64
29	31469	0.2512	0.1217	1.1073	-1.6124	3.1082	4.7207	0.765	76.5
30	31530	0.2497	0.1225	1.1579	-1.7774	3.0907	4.8682	0.7392	73.92

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	31528	0.2345	0.1344	1.1394	-1.8581	3.0202	4.8784	0.7489	74.89
32	26550	0.2328	0.1197	1.1117	-1.7332	2.9873	4.7205	0.7628	76.28
33	31520	0.222	0.1151	1.1322	-1.8162	2.956	4.7721	0.7525	75.25
34	31529	0.2152	0.106	1.1177	-1.7738	2.8398	4.6136	0.7599	75.99
35	26555	0.2084	0.1229	1.0934	-1.8208	2.7805	4.6012	0.7717	77.17
36	29255	0.2	0.1114	1.0681	-1.777	2.7985	4.5756	0.7836	78.36
37	26551	0.1961	0.0957	1.084	-1.7333	2.816	4.5493	0.7762	77.62
38	26564	0.1936	0.1019	1.0973	-1.8258	2.7324	4.5582	0.7698	76.98
39	29829	0.1861	0.0914	1.1198	-1.838	2.8657	4.7037	0.7588	75.88
40	26567	0.1837	0.0901	1.1326	-1.9602	2.9507	4.9108	0.7524	75.24
41	26562	0.1784	0.0929	1.0477	-1.726	2.6852	4.4112	0.7929	79.29
42	26532	0.1734	0.087	1.0791	-1.8211	2.8227	4.6438	0.7785	77.85
43	29835	0.1676	0.0908	1.1496	-2.0132	2.8612	4.8744	0.7436	74.36
44	26534	0.1615	0.0849	1.1039	-2.0067	2.8568	4.8635	0.7667	76.67
45	21458	0.1507	0.0835	1.1013	-2.0078	2.7622	4.77	0.7679	76.79
46	29844	0.1469	0.0642	1.0593	-1.8975	2.7018	4.5992	0.7877	78.77
47	31518	0.1388	0.0755	1.0712	-1.909	2.5809	4.49	0.7822	78.22
48	29821	0.1245	0.0694	1.0846	-1.9288	2.6695	4.5982	0.7759	77.59
49	26543	0.1241	0.0742	1.1685	-2.1818	2.726	4.9078	0.7336	73.36
50	29830	0.1165	0.0643	1.0651	-1.9522	2.4781	4.4304	0.785	78.5
51	26545	0.1083	0.0588	1.0944	-2.0279	2.5786	4.6065	0.7713	77.13
52	28793	0.087	0.0529	1.0215	-1.946	2.4029	4.3489	0.8044	80.44
53	30878	0.0861	0.0503	1.0081	-1.9691	2.3967	4.3658	0.8101	81.01
54	14359	0.0829	0.0558	1.069	-2.0617	2.4972	4.559	0.7832	78.32
55	31509	0.0807	0.0553	1.1494	-2.3587	2.5381	4.8968	0.7437	74.37
56	31513	0.0773	0.0439	1.0836	-2.1244	2.4168	4.5412	0.7764	77.64
57	26556	0.0746	0.0261	1.0788	-2.058	2.4093	4.4673	0.7787	77.87
58	29843	0.0636	0.0421	1.1271	-2.2741	2.4645	4.7386	0.7552	75.52
59	26540	0.058	0.0257	1.075	-2.1339	2.4301	4.5639	0.7804	78.04
60	26568	0.0558	0.0263	1.0633	-2.142	2.3639	4.5059	0.7858	78.58
61	23140	0.0466	0.0541	1.0592	-2.1876	2.2538	4.4414	0.7877	78.77
62	31533	0.0316	0.0275	1.0892	-2.2667	2.4647	4.7314	0.7737	77.37
63	24959	0.0213	-0.0046	1.0663	-2.1888	2.361	4.5498	0.7844	78.44
64	26547	0.0149	0.0156	1.1597	-2.4757	2.4422	4.9179	0.7383	73.83
65	31502	0.0123	-0.0017	1.0686	-2.2185	2.4326	4.6511	0.7834	78.34

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	29631	0.0073	-0.0041	1.0668	-2.2183	2.3577	4.576	0.7842	78.42
67	31536	0.0038	-0.0073	1.0148	-2.1365	2.1568	4.2933	0.8073	80.73
68	31488	0.0028	-0.0148	1.0672	-2.2086	2.293	4.5016	0.784	78.4
69	31534	-0.0052	-0.0083	1.0423	-2.2047	2.2299	4.4347	0.7953	79.53
70	26539	-0.0081	0.0051	1.0871	-2.3778	2.204	4.5818	0.7747	77.47
71	26554	-0.0082	-0.0136	1.0269	-2.1347	2.2176	4.3522	0.8021	80.21
72	31535	-0.0094	0.0005	1.0668	-2.3008	2.2382	4.5391	0.7842	78.42
73	29836	-0.011	-0.0026	1.0801	-2.3634	2.2708	4.6342	0.778	77.8
74	31496	-0.0152	-0.013	1.1869	-2.474	2.5244	4.9984	0.7235	72.35
75	26546	-0.0154	-0.0164	1.0421	-2.2476	2.2181	4.4656	0.7954	79.54
76	31514	-0.0166	-0.0061	1.0617	-2.3629	2.2163	4.5792	0.7866	78.66
77	28750	-0.0289	-0.0161	1.0153	-2.2853	2.0793	4.3645	0.807	80.7
78	28136	-0.0302	-0.0044	1.0382	-2.3243	2.0913	4.4156	0.7971	79.71
79	29822	-0.0345	-0.0098	1.0588	-2.3152	2.1879	4.5031	0.7879	78.79
80	31537	-0.0348	0.0121	1.0869	-2.4723	2.1717	4.644	0.7748	77.48
81	26544	-0.0396	-0.0253	1.0353	-2.2758	2.1638	4.4395	0.7984	79.84
82	31498	-0.0406	-0.0248	1.0871	-2.3971	2.1802	4.5773	0.7747	77.47
83	26067	-0.0546	-0.0369	1.0654	-2.3903	2.1162	4.5065	0.7849	78.49
84	31497	-0.0603	-0.0477	1.1698	-2.6467	2.4471	5.0938	0.7328	73.28
85	26559	-0.0663	-0.047	1.075	-2.4615	2.1681	4.6296	0.7804	78.04
86	31491	-0.0776	-0.0449	1.0789	-2.494	2.0865	4.5804	0.7786	77.86
87	28340	-0.0814	-0.0414	1.0131	-2.3579	2.0261	4.384	0.808	80.8
88	31511	-0.0886	-0.0548	1.0478	-2.5728	2.0862	4.6589	0.7928	79.28
89	24432	-0.0942	-0.0521	1.049	-2.4381	2.044	4.4821	0.7923	79.23
90	29834	-0.0971	-0.0328	1.1517	-2.737	2.1218	4.8589	0.7425	74.25
91	23951	-0.1021	-0.0559	1.0486	-2.6	2.0451	4.6451	0.7925	79.25
92	29837	-0.119	-0.0608	1.0602	-2.5513	1.8776	4.4289	0.7873	78.73
93	26542	-0.1227	-0.054	1.0514	-2.5251	1.9605	4.4856	0.7912	79.12
94	29839	-0.1269	-0.0748	1.0851	-2.5816	2.0224	4.604	0.7757	77.57
95	30877	-0.1538	-0.0809	1.0577	-2.6612	1.8277	4.4889	0.7884	78.84
96	31490	-0.1547	-0.064	1.0877	-2.7367	1.9174	4.6541	0.7745	77.45
97	31525	-0.1567	-0.0943	1.0491	-2.5685	1.8166	4.3851	0.7922	79.22
98	31492	-0.1584	-0.0733	1.0987	-2.8389	1.8878	4.7268	0.7692	76.92
99	29823	-0.1593	-0.0798	1.0642	-2.6905	1.8437	4.5342	0.7854	78.54
100	31526	-0.1598	-0.0659	1.118	-2.8778	1.9819	4.8596	0.7597	75.97

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	21027	-0.1603	-0.0867	1.0843	-2.7442	2.0059	4.7502	0.7761	77.61
102	26557	-0.1665	-0.0811	1.0838	-2.7933	1.9549	4.7482	0.7763	77.63
103	29828	-0.1696	-0.0799	1.2034	-2.9469	2.063	5.0099	0.7142	71.42
104	26558	-0.1802	-0.106	1.1142	-2.7933	1.9601	4.7534	0.7616	76.16
105	31521	-0.1855	-0.1084	1.0733	-2.6953	1.8273	4.5226	0.7812	78.12
106	26537	-0.1957	-0.0847	1.1137	-2.8793	1.8109	4.6903	0.7619	76.19
107	31519	-0.2	-0.0949	1.0738	-2.8882	1.7208	4.6089	0.781	78.1
108	26536	-0.2101	-0.1033	1.0951	-2.8894	1.773	4.6624	0.7709	77.09
109	31532	-0.2199	-0.1237	1.1111	-2.916	1.8065	4.7225	0.7631	76.31
110	29316	-0.226	-0.1266	1.0887	-2.963	1.7125	4.6756	0.774	77.4
111	31501	-0.2398	-0.1387	1.0922	-2.8987	1.7124	4.611	0.7723	77.23
112	25727	-0.2464	-0.1344	1.0809	-2.9316	1.6176	4.5492	0.7777	77.77
113	26560	-0.2543	-0.128	1.1258	-3.1433	1.8147	4.958	0.7558	75.58
114	26553	-0.2913	-0.1462	1.1175	-3.0976	1.548	4.6456	0.76	76
115	31500	-0.2991	-0.165	1.1401	-3.219	1.6401	4.8591	0.7485	74.85
116	26466	-0.3027	-0.148	1.1752	-3.3011	1.6595	4.9606	0.7299	72.99
117	26563	-0.3058	-0.1564	1.1298	-3.1298	1.519	4.6488	0.7538	75.38
118	31494	-0.306	-0.1491	1.139	-3.1992	1.6282	4.8274	0.7491	74.91
119	29831	-0.3074	-0.1545	1.1102	-3.0994	1.5372	4.6367	0.7636	76.36
120	26561	-0.3125	-0.1632	1.1415	-3.2662	1.6118	4.878	0.7478	74.78
121	26549	-0.328	-0.1809	1.2411	-3.4862	1.794	5.2801	0.692	69.2
122	26541	-0.329	-0.1912	1.2118	-3.2544	1.7523	5.0067	0.7094	70.94
123	26535	-0.3388	-0.1811	1.1466	-3.2331	1.5511	4.7842	0.7451	74.51
124	31482	-0.3579	-0.1962	1.1515	-3.3236	1.5484	4.8721	0.7426	74.26
125	29845	-0.3647	-0.189	1.2064	-3.5031	1.5903	5.0934	0.7125	71.25
126	29827	-0.3977	-0.192	1.2241	-3.6554	1.4856	5.141	0.7022	70.22
127	26441	-0.4017	-0.2229	1.1784	-3.4014	1.5061	4.9075	0.7282	72.82
128	31487	-0.4086	-0.2105	1.1905	-3.5072	1.4488	4.956	0.7215	72.15
129	26538	-0.5174	-0.2676	1.2853	-3.9923	1.3315	5.3238	0.6642	66.42
130	26552	-0.6111	-0.3271	1.345	-4.2968	1.3086	5.6054	0.623	62.3
131	23138	-1.2833	-0.6103	2.1459	-7.6533	0.8008	8.4541	0	0
132	26533	-1.4353	-0.6726	2.3339	-8.5551	0.7349	9.2901	0	0

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	26044	23.5304	33.1522	19.2494	-1.5047	48.5574	50.0621	0	0
2	31488	18.9847	25.7802	15.7684	-1.6628	40.6799	42.3427	0.4265	42.65
3	31496	17.7834	23.2507	15.0028	-2.1565	39.6095	41.766	0.5094	50.94
4	26534	17.735	23.5047	14.8505	-1.8464	38.8249	40.6713	0.5238	52.38
5	26549	17.1542	22.7769	14.1775	-1.9183	37.3636	39.2818	0.582	58.2
6	29833	16.6825	21.8664	13.8956	-1.8045	36.8654	38.67	0.6039	60.39
7	26565	14.4253	18.2657	12.3338	-1.9378	33.0483	34.9861	0.7068	70.68
8	26548	14.233	18.0316	12.2123	-2.0421	32.9205	34.9626	0.7137	71.37
9	26540	13.9817	16.7712	12.1651	-1.9535	33.5398	35.4933	0.7163	71.63
10	31515	13.6555	16.9381	11.8425	-2.1488	32.2944	34.4432	0.7339	73.39
11	29844	13.5137	16.2604	11.9067	-2.1781	32.8632	35.0413	0.7305	73.05
12	26550	13.4313	16.7532	11.6491	-1.9592	31.5991	33.5583	0.744	74.4
13	26566	13.3732	16.6957	11.6221	-2.149	31.3539	33.5029	0.7454	74.54
14	26553	12.6636	15.7013	11.0763	-2.2287	30.1464	32.3751	0.7722	77.22
15	31487	12.1741	14.7575	10.7181	-2.0968	29.4724	31.5692	0.7887	78.87
16	31526	10.881	12.3023	9.9247	-2.3011	27.7693	30.0704	0.8221	82.21
17	31529	10.5312	12.2358	9.5405	-2.4385	26.5741	29.0126	0.837	83.7
18	29839	10.5001	11.9653	9.5813	-2.5039	26.8382	29.3421	0.8354	83.54
19	29843	10.069	11.5111	9.1258	-2.5366	25.8969	28.4335	0.8521	85.21
20	31518	9.5128	10.3595	8.8642	-2.5555	25.0864	27.6419	0.8611	86.11
21	31528	9.4808	10.4001	8.8646	-2.604	25.1333	27.7373	0.8611	86.11
22	26531	9.4467	10.4942	8.7474	-2.3902	24.8468	27.237	0.865	86.5
23	31542	9.3645	10.088	8.6947	-2.4366	25.0013	27.4379	0.8668	86.68
24	25007	9.2275	10.1925	8.5379	-2.2723	24.1272	26.3994	0.8719	87.19
25	31516	8.4636	8.9741	8.0926	-2.6587	23.0875	25.7462	0.8857	88.57
26	30878	8.2877	8.6788	7.8874	-2.3645	22.6001	24.9647	0.8918	89.18
27	31520	8.1914	8.5011	7.9713	-2.8256	22.8127	25.6383	0.8893	88.93
28	24432	8.1349	8.5266	7.6286	-2.1169	22.2543	24.3713	0.8992	89.92
29	26561	7.7585	7.7531	7.6936	-2.8723	22.2078	25.0801	0.8974	89.74
30	26552	7.5424	7.6169	7.5233	-2.895	21.6695	24.5646	0.9021	90.21

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	29496	7.184	7.2542	6.9484	-2.3589	20.2573	22.6162	0.9171	91.71
32	31512	6.7803	6.34	7.1103	-3.3244	20.6804	24.0048	0.9131	91.31
33	29831	6.5771	6.0538	6.9232	-3.1799	20.0891	23.269	0.9178	91.78
34	31521	6.3841	5.221	7.1273	-3.5715	20.9309	24.5025	0.9126	91.26
35	26538	6.3228	5.597	6.8406	-3.4252	20.0785	23.5037	0.9198	91.98
36	25727	6.2248	5.6286	6.7187	-3.191	19.6276	22.8186	0.9228	92.28
37	31524	6.1956	5.3325	6.8098	-3.4619	19.9031	23.365	0.9206	92.06
38	24959	5.9079	5.0167	6.6174	-3.6209	19.2734	22.8943	0.9252	92.52
39	28793	5.8286	4.9637	6.3267	-3.048	18.5336	21.5816	0.9318	93.18
40	26568	5.8144	4.3976	6.8357	-3.8585	20.1283	23.9868	0.9199	91.99
41	26567	5.4799	4.5112	6.3389	-3.7531	18.4051	22.1581	0.9316	93.16
42	26564	4.9723	3.8182	6.0336	-4.1593	17.3978	21.5571	0.9382	93.82
43	29829	4.9271	3.57	6.1776	-4.3654	17.9673	22.3327	0.9351	93.51
44	28750	4.9086	3.5699	6.1438	-4.1922	17.8697	22.0619	0.9358	93.58
45	29838	4.9063	3.6851	6.0163	-4.0771	17.4694	21.5465	0.9386	93.86
46	26562	4.5748	3.1348	5.927	-4.3825	17.2157	21.5981	0.9404	94.04
47	26542	4.4673	3.2334	5.7296	-4.2891	16.5288	20.8179	0.9445	94.45
48	31490	3.7668	2.3813	5.4547	-5.2438	15.4963	20.7401	0.9498	94.98
49	31495	3.6411	2.2639	5.3725	-5.0513	15.3308	20.3821	0.9513	95.13
50	29823	3.4264	2.0294	5.2427	-5.0998	14.8623	19.9621	0.9537	95.37
51	31493	2.9934	1.514	5.1544	-5.7669	14.4603	20.2272	0.9553	95.53
52	29837	2.7613	1.2994	5.126	-6.2406	14.0514	20.2919	0.9558	95.58
53	14359	2.6236	1.164	5.1731	-6.5156	14.123	20.6386	0.955	95.5
54	29827	2.2914	0.9301	5.1794	-7.1974	13.8367	21.0342	0.9549	95.49
55	29832	2.2709	0.9992	4.8459	-6.8159	12.9354	19.7514	0.9606	96.06
56	29828	2.1314	0.8719	5.4583	-8.158	14.3945	22.5525	0.9497	94.97
57	29836	1.6436	0.6305	4.7173	-7.4304	12.1873	19.6177	0.9627	96.27
58	29821	1.4341	0.5269	4.7701	-7.953	11.9722	19.9252	0.9618	96.18
59	23140	1.1422	0.3974	4.794	-8.6209	11.7802	20.401	0.9615	96.15
60	29834	0.8005	0.2954	4.6266	-8.6555	11.045	19.7006	0.9641	96.41
61	26557	0.7913	0.2806	4.7896	-8.988	11.4561	20.4441	0.9615	96.15
62	31527	0.7578	0.287	4.6461	-8.7104	11.0566	19.7671	0.9638	96.38
63	31508	0.4388	0.1644	4.579	-9.133	10.3985	19.5315	0.9649	96.49
64	23951	0.1951	0.0594	4.4976	-9.289	9.923	19.212	0.9662	96.62
65	31482	-0.1257	-0.0298	4.4566	-9.646	9.426	19.0719	0.9668	96.68

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	31509	-0.2234	-0.0917	4.7038	-10.2966	9.7396	20.0361	0.9629	96.29
67	31525	-0.239	-0.0724	4.8813	-10.8417	10.272	21.1137	0.96	96
68	31486	-0.3066	-0.0993	4.7076	-10.2513	9.7969	20.0482	0.9629	96.29
69	31535	-0.3346	-0.1322	4.5292	-10.2037	9.2698	19.4736	0.9657	96.57
70	25803	-0.4514	-0.1565	4.7125	-10.7362	9.4883	20.2245	0.9628	96.28
71	26555	-0.7052	-0.2535	4.5432	-10.7349	8.5583	19.2933	0.9654	96.54
72	31502	-0.9725	-0.3647	4.5663	-11.012	8.3397	19.3516	0.9651	96.51
73	31532	-1.1994	-0.437	4.6223	-11.5509	7.8832	19.434	0.9642	96.42
74	26536	-1.4407	-0.5449	4.6381	-11.8771	7.6007	19.4778	0.964	96.4
75	31514	-1.4412	-0.5718	4.6349	-11.7443	7.5281	19.2723	0.964	96.4
76	29830	-1.5605	-0.6194	4.6496	-11.9325	7.4135	19.346	0.9638	96.38
77	29835	-1.5743	-0.6436	4.8271	-12.1539	7.9929	20.1468	0.9609	96.09
78	29845	-1.815	-0.5365	5.9626	-15.2401	9.7517	24.9918	0.9397	93.97
79	26547	-1.976	-0.8691	4.7751	-12.7196	6.6753	19.395	0.9618	96.18
80	31530	-2.4671	-1.1129	5.0712	-13.8064	6.7021	20.5085	0.9568	95.68
81	31498	-2.5126	-1.1763	4.9195	-13.4751	6.2533	19.7284	0.9594	95.94
82	26067	-2.6032	-1.2552	4.9965	-13.5667	6.14	19.7067	0.9581	95.81
83	31519	-2.7033	-1.2866	4.9464	-13.6954	5.8679	19.5633	0.9589	95.89
84	26556	-3.0181	-1.5715	5.1248	-14.2306	5.7585	19.9891	0.9558	95.58
85	31513	-3.5572	-2.1375	5.3303	-15.1326	5.3203	20.4529	0.9521	95.21
86	31538	-3.6208	-2.1765	5.6279	-15.6344	5.9379	21.5723	0.9465	94.65
87	31494	-3.7439	-2.2842	5.4467	-15.5666	5.0399	20.6065	0.9499	94.99
88	22700	-3.9256	-2.4332	5.6197	-16.136	5.0238	21.1597	0.9466	94.66
89	31539	-4.5759	-3.3715	5.8269	-16.97	4.3486	21.3186	0.9425	94.25
90	26535	-5.0453	-3.8892	6.0297	-17.4855	3.9348	21.4203	0.9383	93.83
91	26563	-5.2675	-4.0874	6.2454	-18.2207	3.8089	22.0295	0.9336	93.36
92	26543	-5.3255	-4.3963	6.2526	-18.0983	4.1771	22.2754	0.9335	93.35
93	26546	-5.4012	-4.4264	6.2305	-17.9885	3.7228	21.7112	0.934	93.4
94	29316	-5.4079	-4.3672	6.2483	-18.1635	3.7231	21.8866	0.9336	93.36
95	31491	-5.668	-4.6272	6.4821	-18.8289	3.6902	22.5192	0.9283	92.83
96	29631	-5.6694	-4.7416	6.4163	-18.7085	3.5698	22.2783	0.9298	92.98
97	31492	-5.9829	-5.2631	6.5997	-19.0524	3.556	22.6084	0.9256	92.56
98	31537	-6.3888	-5.6275	6.82	-20.0662	3.0815	23.1476	0.9203	92.03
99	29842	-6.4603	-5.9011	6.8685	-19.8941	3.1859	23.08	0.9191	91.91
100	26545	-6.499	-6.0283	6.8886	-19.9097	3.2416	23.1513	0.9186	91.86

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	31536	-6.6552	-6.1804	6.9409	-20.0077	3.1239	23.1317	0.9173	91.73
102	31511	-6.9781	-6.6371	7.1486	-20.5221	2.8576	23.3798	0.9121	91.21
103	26558	-7.0087	-6.8422	7.1912	-20.8035	3.0654	23.8689	0.911	91.1
104	30877	-7.0398	-6.7464	7.184	-20.6588	2.9794	23.6382	0.9112	91.12
105	26541	-7.3243	-7.2264	7.3181	-21.4856	3.0195	24.5051	0.9076	90.76
106	26537	-7.5662	-7.671	7.4734	-21.5656	2.8276	24.3932	0.9035	90.35
107	26441	-7.9671	-7.7218	7.9004	-23.0078	2.5948	25.6026	0.8914	89.14
108	26539	-8.0333	-7.7406	8.3358	-23.555	3.6619	27.2169	0.8783	87.83
109	28136	-8.557	-8.769	8.1154	-23.7397	2.1912	25.9309	0.885	88.5
110	26559	-9.5122	-10.5869	8.8156	-25.0446	2.4776	27.5222	0.8627	86.27
111	26533	-9.7846	-11.0635	9.0051	-25.2565	2.3545	27.6109	0.8563	85.63
112	26532	-9.8657	-11.2006	9.0551	-25.2574	2.3881	27.6454	0.8545	85.45
113	21458	-9.8663	-10.8682	9.1641	-25.8705	2.4774	28.3479	0.8507	85.07
114	26544	-10.0029	-11.1088	9.2522	-26.1927	2.4904	28.6831	0.8476	84.76
115	26554	-10.1539	-11.5667	9.2245	-25.8928	2.3686	28.2614	0.8486	84.86
116	21027	-10.1909	-11.5988	9.298	-25.9434	2.3738	28.3172	0.8459	84.59
117	31541	-10.2268	-11.6375	9.3368	-26.1676	2.3381	28.5057	0.8445	84.45
118	28340	-10.2903	-11.6939	9.419	-26.3461	2.6071	28.9531	0.8415	84.15
119	23138	-11.9998	-14.3451	10.5942	-29.3331	2.2122	31.5453	0.7942	79.42
120	31533	-12.0282	-14.5654	10.6266	-29.0717	2.2381	31.3098	0.7928	79.28
121	26560	-12.0772	-14.5837	10.6521	-29.2385	2.1397	31.3782	0.7916	79.16
122	31534	-12.1106	-14.6717	10.6805	-29.2365	2.1663	31.4028	0.7904	79.04
123	31497	-12.2454	-14.8679	10.5271	-29.2102	2.1254	31.3356	0.7971	79.71
124	29822	-12.6503	-15.2648	11.0785	-30.3761	2.1576	32.5338	0.7721	77.21
125	26551	-12.6619	-15.4572	11.0293	-30.2002	1.9902	32.1904	0.7745	77.45
126	26066	-12.9028	-15.6357	11.2472	-30.8088	2.0325	32.8413	0.7641	76.41
127	29137	-13.0315	-15.9012	11.3465	-31.0374	2.1251	33.1625	0.7592	75.92
128	26466	-13.0468	-16.125	11.3311	-30.8945	2.0488	32.9433	0.76	76
129	24869	-14.8976	-19.0011	12.704	-34.0437	1.9034	35.9471	0.6848	68.48
130	31501	-15.1327	-19.3245	12.9195	-34.7244	1.9348	36.6592	0.6714	67.14
131	31500	-15.4275	-20.0027	13.0838	-34.6425	1.9573	36.5998	0.6609	66.09
132	31469	-15.5278	-20.0689	13.2122	-35.2076	1.8457	37.0533	0.6524	65.24
133	29255	-16.7002	-21.8527	14.0397	-37.2059	1.7288	38.9347	0.5929	59.29

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Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	23138	6.801	3.4677	7.0388	-0.7195	19.4862	20.2057	0	0
2	29838	4.493	2.2522	4.8851	-1.044	14.0977	15.1416	0	0
3	31527	3.6535	2.1741	3.9773	-1.2298	11.7421	12.9718	0.4567	45.67
4	26533	3.1583	1.6251	3.6887	-1.3011	10.7979	12.099	0.565	56.5
5	26540	2.8368	1.5052	3.3783	-1.4326	9.9634	11.396	0.655	65.5
6	31486	2.763	1.6427	3.2904	-1.5825	9.8834	11.4659	0.677	67.7
7	26441	2.6096	1.4642	3.0967	-1.349	9.2415	10.5905	0.7213	72.13
8	31529	2.4237	1.2758	3.1132	-1.6602	9.3363	10.9965	0.7177	71.77
9	26531	2.3767	1.2626	3.0247	-1.5298	8.9157	10.4456	0.7364	73.64
10	29843	2.3384	1.3568	2.9501	-1.635	8.7685	10.4034	0.7514	75.14
11	31518	2.2895	1.2735	2.8895	-1.5633	8.5258	10.0892	0.7631	76.31
12	24869	2.2436	1.1448	2.9806	-1.625	9.1425	10.7676	0.7453	74.53
13	31469	2.2242	1.1753	2.9029	-1.6433	8.7136	10.3569	0.7605	76.05
14	31502	2.0747	1.1153	2.7733	-1.6623	8.183	9.8452	0.7844	78.44
15	31538	2.0715	1.075	2.8889	-1.893	8.6279	10.5209	0.7632	76.32
16	29839	1.9926	0.9171	2.9938	-1.9663	9.2717	11.238	0.7427	74.27
17	26555	1.9393	1.0013	2.7525	-1.985	8.2127	10.1978	0.788	78.8
18	31509	1.9026	1.0402	2.6856	-1.9032	7.9862	9.8893	0.7995	79.95
19	29496	1.7631	1.0235	2.377	-1.532	7.2543	8.7864	0.8469	84.69
20	31542	1.7394	0.8957	2.6861	-2.0954	8.0077	10.1031	0.7994	79.94
21	21027	1.6763	0.7807	2.6288	-2.0389	7.7521	9.7909	0.8089	80.89
22	29833	1.6475	0.9644	2.4022	-1.9416	7.1569	9.0985	0.8434	84.34
23	26558	1.624	0.8128	2.5584	-1.9922	7.6613	9.6535	0.8201	82.01
24	26557	1.6218	0.8525	2.4921	-2.0597	7.3645	9.4242	0.8302	83.02
25	26541	1.6007	0.8942	2.5943	-2.336	7.5982	9.9342	0.8144	81.44
26	29137	1.5555	0.7864	2.4734	-2.1268	7.395	9.5218	0.833	83.3
27	14359	1.5177	0.6251	2.9305	-2.8424	9.0445	11.8869	0.7552	75.52
28	26538	1.4506	0.7759	2.318	-2.0237	6.8567	8.8804	0.8551	85.51
29	31530	1.4258	0.7537	2.3515	-2.1799	6.9678	9.1477	0.8505	85.05
30	29845	1.3448	0.7128	2.2539	-2.1364	6.5841	8.7205	0.8636	86.36

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	26554	1.3246	0.6476	2.3068	-2.1777	7.0365	9.2142	0.8566	85.66
32	28793	1.3096	0.6844	2.2011	-2.1105	6.5137	8.6242	0.8704	87.04
33	25803	1.2941	0.6177	2.2638	-2.092	6.6485	8.7405	0.8623	86.23
34	26543	1.2905	0.6567	2.349	-2.3958	6.8117	9.2075	0.8509	85.09
35	21458	1.2657	0.5822	2.4217	-2.4332	7.1922	9.6254	0.8406	84.06
36	26539	1.1922	0.5492	2.3429	-2.5525	6.6022	9.1548	0.8517	85.17
37	31482	1.1902	0.6031	2.2105	-2.3525	6.2664	8.6189	0.8692	86.92
38	26537	1.0626	0.5466	2.0962	-2.4136	5.9812	8.3948	0.8833	88.33
39	31532	1.0551	0.5338	2.1524	-2.4956	6.1439	8.6395	0.8765	87.65
40	29829	1.0346	0.5269	2.0964	-2.363	6.1598	8.5228	0.8832	88.32
41	26566	1.0025	0.5105	2.0839	-2.4783	5.8393	8.3175	0.8847	88.47
42	31539	0.966	0.4984	2.2635	-2.9887	6.3168	9.3055	0.8624	86.24
43	30878	0.9146	0.4614	2.0702	-2.7093	5.7559	8.4652	0.8863	88.63
44	31511	0.8419	0.3749	2.0311	-2.6536	5.4601	8.1137	0.8909	89.09
45	26547	0.8388	0.4113	2.1769	-2.987	6.0087	8.9957	0.8734	87.34
46	26567	0.8199	0.4038	2.0207	-2.757	5.57	8.327	0.892	89.2
47	26545	0.8127	0.3939	2.1579	-3.0755	6.0167	9.0922	0.8758	87.58
48	29836	0.7773	0.3514	2.0686	-2.8315	5.6892	8.5206	0.8865	88.65
49	31526	0.7628	0.3952	2.0033	-2.7346	5.4249	8.1595	0.894	89.4
50	26556	0.6934	0.3148	2.0656	-2.9744	5.728	8.7024	0.8869	88.69
51	26544	0.6439	0.2971	2.0474	-3.086	5.4288	8.5148	0.889	88.9
52	26564	0.6268	0.311	1.9652	-3.0448	5.2219	8.2667	0.8982	89.82
53	31491	0.6086	0.2737	2.1476	-3.5557	5.6517	9.2074	0.8771	87.71
54	29831	0.4836	0.1915	2.1655	-3.679	5.3722	9.0513	0.8749	87.49
55	31537	0.4589	0.2192	1.9891	-3.3606	5.0817	8.4423	0.8956	89.56
56	26546	0.4298	0.1749	1.9681	-3.4784	5.0131	8.4914	0.8979	89.79
57	31519	0.4077	0.1775	1.8494	-3.2058	4.7332	7.939	0.9104	91.04
58	26067	0.4033	0.1672	1.965	-3.3591	4.9493	8.3085	0.8982	89.82
59	31490	0.3375	0.165	1.8973	-3.4549	4.497	7.9519	0.9055	90.55
60	31516	0.2231	0.1045	1.8811	-3.6881	4.4745	8.1626	0.9072	90.72
61	26560	0.1774	0.0848	2.4988	-5.4055	5.8672	11.2727	0.8292	82.92
62	23951	0.1667	0.0654	2.0772	-4.0112	4.9455	8.9567	0.8855	88.55
63	31495	0.1225	0.0633	1.9604	-4.0023	4.4055	8.4079	0.8987	89.87
64	29255	0.1097	0.0488	2.0508	-4.1597	4.7996	8.9593	0.8886	88.86
65	31493	0.0684	0.0257	1.8742	-3.9513	4.1046	8.0559	0.9079	90.79

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	26563	0.0384	0.0326	3.0855	-7.1044	7.276	14.3804	0.7237	72.37
67	26562	-0.0261	0.004	3.1909	-7.2034	7.4442	14.6476	0.7004	70.04
68	31528	-0.0312	-0.0163	1.8924	-4.151	4.0049	8.1559	0.906	90.6
69	31515	-0.0638	-0.0487	1.8383	-4.0266	3.8473	7.874	0.9116	91.16
70	31488	-0.0888	-0.0204	1.8609	-4.1392	3.8021	7.9413	0.9093	90.93
71	29834	-0.098	0.0117	2.0254	-4.6031	4.1751	8.7782	0.8915	89.15
72	26561	-0.1023	-0.0309	2.5132	-5.8466	5.2711	11.1178	0.827	82.7
73	31524	-0.1771	-0.0977	1.7894	-4.0213	3.637	7.6583	0.9164	91.64
74	25007	-0.2074	-0.0911	1.9646	-4.7718	3.6979	8.4697	0.8983	89.83
75	28750	-0.2833	-0.1511	1.8647	-4.611	3.5337	8.1447	0.9089	90.89
76	31513	-0.3021	-0.1459	1.8787	-4.5118	3.6169	8.1287	0.9074	90.74
77	26535	-0.3663	-0.1544	1.855	-4.6409	3.1934	7.8343	0.9099	90.99
78	31533	-0.432	-0.2158	1.9211	-4.8878	3.3668	8.2546	0.903	90.3
79	31520	-0.4632	-0.2329	1.8604	-4.7221	3.2378	7.9599	0.9093	90.93
80	26066	-0.514	-0.2161	2.0205	-5.2298	3.2467	8.4765	0.8921	89.21
81	26542	-0.5918	-0.3131	1.9154	-5.0646	3.0509	8.1155	0.9036	90.36
82	31498	-0.6154	-0.3182	1.9568	-5.1241	3.0808	8.2049	0.8991	89.91
83	29828	-0.6239	-0.2831	2.0973	-5.4787	3.3562	8.8349	0.8831	88.31
84	31508	-0.638	-0.322	1.9999	-5.3206	3.2098	8.5304	0.8944	89.44
85	31512	-0.66	-0.3736	1.9694	-5.3199	3.0016	8.3215	0.8978	89.78
86	31525	-0.6646	-0.3309	1.916	-5.1713	2.8257	7.997	0.9035	90.35
87	29821	-0.7145	-0.3635	1.9496	-5.1938	2.9027	8.0965	0.8999	89.99
88	29837	-0.7342	-0.3513	1.9842	-5.5319	2.8463	8.3782	0.8961	89.61
89	29827	-0.7562	-0.3978	1.9292	-5.1932	2.7033	7.8965	0.9021	90.21
90	31501	-0.7877	-0.4138	1.9761	-5.4765	2.713	8.1895	0.897	89.7
91	31500	-0.801	-0.4224	2.0045	-5.43	2.7295	8.1595	0.8939	89.39
92	24959	-0.8097	-0.4019	2.0295	-5.4968	2.7224	8.2191	0.891	89.1
93	23140	-0.8438	-0.4344	2.0726	-5.6765	2.7869	8.4633	0.886	88.6
94	26551	-0.8572	-0.3735	2.4439	-6.9243	3.5292	10.4535	0.8374	83.74
95	26466	-0.8708	-0.3993	2.2233	-6.2514	3.0269	9.2784	0.8676	86.76
96	26534	-0.8947	-0.4766	2.0262	-5.6431	2.7125	8.3556	0.8914	89.14
97	26552	-0.921	-0.4066	2.4518	-6.806	3.3652	10.1712	0.8362	83.62
98	28136	-0.9216	-0.5042	1.9888	-5.6141	2.6227	8.2368	0.8956	89.56
99	31492	-0.9277	-0.4051	2.2456	-6.3093	3.0062	9.3156	0.8647	86.47
100	29830	-0.9683	-0.4409	2.2725	-6.6935	2.7529	9.4465	0.8612	86.12

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	26536	-0.9814	-0.4783	2.1307	-5.9938	2.6397	8.6335	0.8791	87.91
102	25727	-0.9892	-0.5081	2.0911	-5.9393	2.5196	8.4589	0.8839	88.39
103	31521	-1.0667	-0.5394	2.1145	-5.9805	2.4486	8.4291	0.8811	88.11
104	30877	-1.1848	-0.5744	2.1596	-6.4566	2.1273	8.5839	0.8756	87.56
105	31536	-1.1988	-0.5495	2.2576	-6.6374	2.3262	8.9636	0.8631	86.31
106	29844	-1.2114	-0.6416	2.1551	-6.2662	2.2254	8.4916	0.8761	87.61
107	31541	-1.2673	-0.6229	2.3124	-6.9366	2.2484	9.185	0.8559	85.59
108	26532	-1.2927	-0.6466	2.2232	-6.6068	2.0557	8.6625	0.8676	86.76
109	26568	-1.3438	-0.7265	2.2694	-6.5278	2.288	8.8158	0.8616	86.16
110	31514	-1.3701	-0.7237	2.2893	-6.6824	2.1687	8.8511	0.8589	85.89
111	24432	-1.4089	-0.7777	2.225	-6.7263	1.9804	8.7067	0.8674	86.74
112	26565	-1.4594	-0.7779	2.3217	-6.7752	2.0156	8.7909	0.8546	85.46
113	29832	-1.4882	-0.6032	2.8964	-8.7789	3.0397	11.8186	0.7618	76.18
114	22700	-1.5676	-0.8139	2.4234	-7.1243	1.9681	9.0924	0.8404	84.04
115	29822	-1.8052	-0.9573	2.5692	-7.6854	1.7835	9.4688	0.8184	81.84
116	31535	-1.8533	-0.9529	2.6291	-8.0384	1.7413	9.7797	0.8088	80.88
117	29842	-1.858	-1.0109	2.6507	-7.8853	1.8949	9.7802	0.8053	80.53
118	29316	-2.0586	-1.1041	2.7593	-8.3003	1.7951	10.0955	0.7868	78.68
119	26549	-2.1466	-1.2753	2.7546	-8.3276	1.6159	9.9435	0.7877	78.77
120	31534	-2.1478	-1.1642	2.8358	-8.4098	1.6373	10.0471	0.7731	77.31
121	26550	-2.1802	-1.1322	2.8721	-8.6502	1.6323	10.2825	0.7664	76.64
122	26559	-2.1909	-1.1495	2.9104	-8.7611	1.6234	10.3845	0.7591	75.91
123	31494	-2.2435	-1.2383	2.9149	-8.8401	1.7227	10.5628	0.7582	75.82
124	31487	-2.2585	-1.187	2.886	-8.6676	1.4646	10.1321	0.7637	76.37
125	31497	-2.375	-1.3997	2.9796	-8.9372	1.5666	10.5038	0.7455	74.55
126	29835	-2.6136	-1.2912	3.3903	-9.8542	1.8825	11.7367	0.6519	65.19
127	26548	-2.819	-1.5163	3.3706	-9.9791	1.393	11.3721	0.657	65.7
128	29823	-2.9446	-1.6832	3.4285	-10.2194	1.3311	11.5505	0.6418	64.18
129	26044	-3.0524	-1.6186	3.5494	-10.5257	1.2191	11.7448	0.608	60.8
130	31496	-3.1124	-1.6608	3.6843	-10.8464	1.5713	12.4178	0.5665	56.65
131	26553	-3.2701	-1.7659	3.8045	-11.1973	1.3205	12.5178	0.5252	52.52
132	29631	-4.3095	-2.2673	4.6563	-13.5342	1.0492	14.5834	0	0
133	28340	-4.5914	-2.3267	4.994	-14.5674	1.0274	15.5948	0	0

ACS

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	31469	2.2168	0.5501	4.1386	-1.4858	14.2336	15.7194	0	0
2	21458	2.0359	0.5286	3.7506	-1.6137	12.9034	14.5171	0	0
3	31515	2.0115	0.5036	3.7351	-1.5935	12.6941	14.2876	0	0
4	26555	1.9978	0.4876	3.8085	-1.6264	12.8297	14.4561	0	0
5	26531	1.7841	0.4411	3.4976	-1.7666	11.743	13.5095	0.3358	33.58
6	26564	1.6533	0.4187	3.2777	-1.6736	10.9289	12.6025	0.4699	46.99
7	26548	1.6048	0.4237	3.2183	-1.7941	10.7699	12.564	0.4988	49.88
8	29838	1.5989	0.4368	3.1066	-1.6995	10.3514	12.051	0.5478	54.78
9	31495	1.5767	0.544	2.938	-1.8531	9.5075	11.3607	0.6115	61.15
10	26541	1.5436	0.4526	3.0951	-2.0716	10.1975	12.2691	0.5525	55.25
11	24869	1.5287	0.4083	3.0447	-1.7345	10.1058	11.8404	0.5724	57.24
12	31529	1.4972	0.4196	3.0392	-1.8625	10.18	12.0425	0.5745	57.45
13	26545	1.4476	0.3927	2.9482	-1.9007	9.7039	11.6046	0.6079	60.79
14	30878	1.4435	0.4607	2.7242	-1.5805	9.1376	10.7181	0.6795	67.95
15	25803	1.3668	0.3937	2.8358	-1.8619	9.4722	11.3341	0.6456	64.56
16	26565	1.3409	0.3994	2.7676	-1.8966	9.0818	10.9785	0.6667	66.67
17	31539	1.2223	0.3931	2.7896	-2.4772	9.0007	11.4779	0.66	66
18	29832	1.2199	0.3579	2.6467	-1.9755	8.8064	10.7819	0.7014	70.14
19	26067	1.1998	0.3663	2.5683	-1.8418	8.5648	10.4066	0.7222	72.22
20	26044	1.1759	0.3686	2.5836	-2.0617	8.4551	10.5168	0.7182	71.82
21	29843	1.0846	0.4101	2.4134	-2.2481	7.516	9.7641	0.76	76
22	31542	1.0463	0.3252	2.5128	-2.4336	7.9888	10.4224	0.7363	73.63
23	26554	1.0101	0.3147	2.3656	-2.0645	7.5614	9.6259	0.7708	77.08
24	31538	0.9975	0.3275	2.3662	-2.1956	7.3873	9.5829	0.7707	77.07
25	24959	0.935	0.3144	2.2895	-2.1738	7.2811	9.4549	0.7873	78.73
26	31509	0.8884	0.3433	2.1956	-2.4414	6.6642	9.1056	0.8065	80.65
27	29137	0.8386	0.2849	2.1323	-2.3755	6.7317	9.1072	0.8187	81.87
28	26532	0.8074	0.2541	2.1322	-2.2653	6.595	8.8603	0.8187	81.87
29	26562	0.7899	0.2607	2.1423	-2.4469	6.6835	9.1304	0.8168	81.68
30	31512	0.7761	0.2758	2.0997	-2.3957	6.6337	9.0294	0.8248	82.48

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	31493	0.7577	0.2457	2.0927	-2.3708	6.4563	8.827	0.8261	82.61
32	31508	0.7254	0.2581	2.0323	-2.3925	6.2011	8.5936	0.8369	83.69
33	26567	0.6896	0.2325	2.0351	-2.4147	6.3157	8.7304	0.8364	83.64
34	31491	0.6582	0.2383	1.9948	-2.5044	6.1546	8.6589	0.8435	84.35
35	31486	0.6422	0.1974	2.155	-2.8254	6.4497	9.2751	0.8144	81.44
36	26534	0.5874	0.2162	1.936	-2.7042	5.6134	8.3176	0.8533	85.33
37	28793	0.5868	0.2679	1.6945	-2.1891	4.8727	7.0618	0.8898	88.98
38	26566	0.5617	0.1913	1.8839	-2.5913	5.3634	7.9547	0.8617	86.17
39	31519	0.539	0.1938	1.8401	-2.495	5.507	8.002	0.8686	86.86
40	31502	0.5124	0.1928	1.854	-2.6747	5.3767	8.0514	0.8664	86.64
41	26550	0.5097	0.209	1.8733	-2.7904	5.4561	8.2466	0.8634	86.34
42	29821	0.4952	0.1976	1.7807	-2.5062	5.1072	7.6134	0.8775	87.75
43	31524	0.4633	0.1538	1.8592	-2.7402	5.1821	7.9222	0.8656	86.56
44	29822	0.4449	0.1515	1.8258	-2.7386	5.1175	7.8562	0.8708	87.08
45	31527	0.4362	0.1435	1.9665	-3.2489	5.573	8.8219	0.8482	84.82
46	31528	0.4036	0.1519	1.8252	-2.9195	4.9686	7.8881	0.8708	87.08
47	28340	0.3833	0.1462	1.7568	-2.8348	4.7664	7.6012	0.881	88.1
48	30877	0.3734	0.1588	1.744	-2.7895	4.6408	7.4303	0.8828	88.28
49	28136	0.3667	0.1267	1.8313	-2.9899	5.1511	8.141	0.8699	86.99
50	21027	0.3512	0.16	1.7488	-2.9056	4.5634	7.469	0.8821	88.21
51	29836	0.3463	0.1529	1.7357	-3.0176	4.5131	7.5307	0.884	88.4
52	23138	0.344	0.1337	1.7472	-2.9021	4.6523	7.5544	0.8824	88.24
53	26546	0.3324	0.1214	1.6734	-2.7881	4.4599	7.2481	0.8927	89.27
54	31520	0.3081	0.1265	1.7054	-2.8809	4.5182	7.3991	0.8883	88.83
55	26540	0.294	0.1085	1.7315	-3.1197	4.6108	7.7305	0.8846	88.46
56	23951	0.2547	0.1179	1.6857	-3.0644	4.3828	7.4472	0.891	89.1
57	31518	0.2505	0.1175	1.6608	-2.991	4.1758	7.1668	0.8944	89.44
58	26544	0.2485	0.1021	1.6708	-3.1339	4.4814	7.6152	0.893	89.3
59	26542	0.2141	0.1081	1.6415	-3.047	4.164	7.2109	0.897	89.7
60	29842	0.1825	0.0913	1.6829	-3.0784	4.0568	7.1352	0.8914	89.14
61	26563	0.1757	0.076	1.6643	-3.3025	4.0857	7.3883	0.8939	89.39
62	22700	0.1461	0.0552	1.6547	-3.3904	4.0531	7.4435	0.8952	89.52
63	29255	0.1443	0.0351	1.6772	-3.2501	3.9658	7.2158	0.8922	89.22
64	31511	0.1325	0.0504	1.6138	-3.1558	3.9909	7.1467	0.9006	90.06
65	26539	0.1185	0.0642	1.6022	-3.3511	3.6799	7.031	0.9021	90.21

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	31533	0.0923	0.0476	1.6353	-3.4451	3.7094	7.1545	0.8978	89.78
67	31496	0.0262	0.0299	1.7315	-3.8327	3.7034	7.5361	0.8846	88.46
68	29833	0.0178	0.0014	1.7464	-3.713	4.0014	7.7144	0.8825	88.25
69	26551	-0.0244	-0.0036	1.6583	-3.7426	3.5932	7.3358	0.8947	89.47
70	31541	-0.0308	-0.0206	1.6412	-3.6497	3.5038	7.1535	0.897	89.7
71	31516	-0.061	-0.032	1.6425	-3.7037	3.5711	7.2748	0.8968	89.68
72	29496	-0.0643	-0.0711	1.6398	-3.7306	3.8059	7.5365	0.8972	89.72
73	29830	-0.0765	-0.0293	1.5993	-3.7247	3.325	7.0497	0.9025	90.25
74	31487	-0.1255	-0.0632	1.654	-3.8319	3.3649	7.1968	0.8953	89.53
75	26543	-0.1379	-0.0547	1.7257	-4.1995	3.3655	7.5651	0.8854	88.54
76	25007	-0.1496	-0.0289	1.6766	-4.3305	3.1718	7.5024	0.8923	89.23
77	29831	-0.1784	-0.0859	1.61	-3.8908	3.0669	6.9577	0.9011	90.11
78	31532	-0.2253	-0.0824	1.7219	-4.5041	3.2069	7.711	0.886	88.6
79	31530	-0.2259	-0.0919	1.7172	-4.2957	3.3089	7.6046	0.8866	88.66
80	26556	-0.2311	-0.0835	1.6768	-4.218	3.1428	7.3608	0.8922	89.22
81	26568	-0.2386	-0.0811	1.717	-4.462	3.1201	7.5821	0.8867	88.67
82	31488	-0.2433	-0.1096	1.6427	-4.1928	3.0854	7.2782	0.8968	89.68
83	31490	-0.2538	-0.1128	1.7108	-4.3197	3.2568	7.5765	0.8875	88.75
84	31498	-0.2911	-0.1048	1.6898	-4.4538	3.1457	7.5995	0.8904	89.04
85	26558	-0.3007	-0.1076	1.7287	-4.5798	2.8716	7.4514	0.885	88.5
86	26441	-0.474	-0.1365	1.9879	-5.9324	2.9055	8.8379	0.8446	84.46
87	29316	-0.4762	-0.1766	1.8216	-5.1355	2.7068	7.8423	0.8714	87.14
88	29829	-0.4886	-0.1615	1.8859	-5.5704	2.6643	8.2347	0.8614	86.14
89	31525	-0.4933	-0.1648	1.8339	-5.3402	2.606	7.9462	0.8695	86.95
90	23140	-0.5233	-0.1813	1.8591	-5.488	2.5789	8.067	0.8656	86.56
91	29837	-0.5311	-0.1943	1.8406	-5.3532	2.5569	7.9101	0.8685	86.85
92	14359	-0.5491	-0.1893	1.8883	-5.4812	2.5528	8.034	0.861	86.1
93	31497	-0.554	-0.2017	1.9623	-5.6178	2.8548	8.4726	0.849	84.9
94	26547	-0.5577	-0.2468	1.9189	-5.5377	2.8034	8.3411	0.8561	85.61
95	26535	-0.5732	-0.2108	1.8376	-5.4528	2.5869	8.0398	0.869	86.9
96	26066	-0.5779	-0.2462	1.8009	-5.3292	2.4111	7.7403	0.8745	87.45
97	26557	-0.6261	-0.2203	1.9913	-5.9798	2.6761	8.656	0.844	84.4
98	31492	-0.6288	-0.2049	1.9686	-5.9313	2.5197	8.451	0.8479	84.79
99	31501	-0.6617	-0.2464	2.0119	-6.0369	2.5379	8.5748	0.8405	84.05
100	29839	-0.7072	-0.2663	1.9974	-6.0785	2.486	8.5644	0.843	84.3

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
101	26561	-0.7092	-0.231	2.0468	-6.3141	2.4594	8.7736	0.8344	83.44
102	29823	-0.7423	-0.2393	2.0455	-6.181	2.5052	8.6862	0.8346	83.46
103	31526	-0.7516	-0.2568	2.0728	-6.4695	2.386	8.8555	0.8297	82.97
104	24432	-0.7627	-0.3125	1.8901	-5.8431	2.098	7.9412	0.8608	86.08
105	31514	-0.764	-0.2615	2.0448	-6.191	2.3317	8.5227	0.8347	83.47
106	31513	-0.8165	-0.2884	2.1396	-6.559	2.4621	9.0211	0.8173	81.73
107	31534	-0.8192	-0.271	2.1093	-6.597	2.207	8.804	0.823	82.3
108	29631	-0.8443	-0.2733	2.1795	-6.7127	2.3189	9.0316	0.8096	80.96
109	31537	-0.8542	-0.22	2.3628	-7.4341	2.3884	9.8225	0.7714	77.14
110	31482	-0.9051	-0.307	2.2392	-6.8637	2.1888	9.0525	0.7977	79.77
111	28750	-0.9258	-0.3011	2.2365	-7.1184	2.1071	9.2255	0.7983	79.83
112	31494	-0.9568	-0.3105	2.3279	-7.5014	2.097	9.5985	0.7791	77.91
113	31536	-0.9591	-0.302	2.3213	-7.393	2.2431	9.6362	0.7805	78.05
114	26466	-0.9825	-0.2894	2.3936	-7.6716	2.2168	9.8884	0.7645	76.45
115	29835	-1.013	-0.3799	2.2814	-7.1592	2.1991	9.3583	0.789	78.9
116	31535	-1.0217	-0.3326	2.3886	-7.6414	2.2825	9.9238	0.7656	76.56
117	26533	-1.0399	-0.3383	2.3792	-7.6566	2.0652	9.7217	0.7678	76.78
118	26537	-1.1134	-0.343	2.4381	-7.9608	2.0011	9.9619	0.7542	75.42
119	31521	-1.1418	-0.3771	2.4844	-8.1859	2.0278	10.2137	0.7432	74.32
120	31500	-1.2067	-0.3592	2.5833	-8.3749	1.8943	10.2692	0.7183	71.83
121	26536	-1.2528	-0.3701	2.6414	-8.6687	1.8759	10.5445	0.7028	70.28
122	25727	-1.5086	-0.4083	3.0333	-10.1184	1.8158	11.9342	0.5768	57.68
123	29845	-1.5148	-0.4448	3.0538	-10.4917	1.865	12.3567	0.5689	56.89
124	29844	-1.5767	-0.4256	3.1462	-10.6706	1.6877	12.3583	0.5311	53.11
125	26549	-1.6424	-0.5019	3.1255	-10.2974	1.8507	12.1481	0.5399	53.99
126	26553	-1.7856	-0.4621	3.4448	-11.6066	1.652	13.2586	0.3733	37.33
127	26538	-1.8512	-0.4767	3.546	-12.0116	1.6634	13.675	0.2967	29.67
128	29834	-1.8995	-0.5822	3.4735	-11.5274	1.6933	13.2207	0.3535	35.35
129	26559	-1.9058	-0.5008	3.6247	-12.3133	1.5662	13.8794	0.2171	21.71
130	29828	-1.9167	-0.5845	3.5366	-11.7768	1.7538	13.5306	0.3048	30.48
131	26560	-1.9173	-0.4826	3.6442	-12.6146	1.577	14.1916	0.1919	19.19
132	29827	-2.5234	-0.6342	4.54	-15.7969	1.3226	17.1195	0	0
133	26552	-2.8308	-0.6485	5.0735	-17.3633	1.3564	18.7198	0	0

GTD

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
1	30790	3.2763	2.889	2.4579	-0.1196	7.8194	7.939	0	0
2	38939	1.6958	1.4982	1.4751	-0.5496	4.504	5.0536	0.6318	63.18
3	27301	1.5445	1.3473	1.3391	-0.4844	4.2399	4.7244	0.7106	71.06
4	19341	1.3878	1.1947	1.2945	-0.6443	3.928	4.5723	0.733	73.3
5	31549	1.2725	1.0931	1.2292	-0.6806	3.7277	4.4083	0.7634	76.34
6	33203	1.2575	1.0838	1.2241	-0.6977	3.7159	4.4136	0.7657	76.57
7	32604	1.2312	1.1761	1.1207	-0.7199	3.4563	4.1762	0.8082	80.82
8	30485	1.1969	1.0682	1.1841	-0.738	3.5104	4.2485	0.7829	78.29
9	27883	1.1761	1.0573	1.1038	-0.6056	3.4188	4.0244	0.8146	81.46
10	38648	1.128	0.9772	1.1332	-0.7156	3.4095	4.1251	0.8034	80.34
11	32206	1.0016	0.8673	1.0953	-0.8307	3.1617	3.9924	0.8178	81.78
12	30891	0.8959	0.7679	1.0575	-0.9154	3.0262	3.9416	0.8314	83.14
13	31425	0.8918	0.7966	1.0437	-0.9225	2.9794	3.9019	0.8362	83.62
14	30634	0.8254	0.7087	1.0211	-0.9223	2.9023	3.8247	0.8439	84.39
15	20131	0.7138	0.6275	0.9672	-1.0138	2.6905	3.7043	0.8612	86.12
16	27239	0.672	0.5656	0.9513	-1.0169	2.6825	3.6994	0.8661	86.61
17	29444	0.6675	0.5693	0.946	-1.0238	2.6373	3.6612	0.8677	86.77
18	30788	0.6596	0.6021	0.9708	-1.1571	2.6314	3.7884	0.8601	86.01
19	19145	0.5698	0.4992	0.9093	-1.093	2.4724	3.5654	0.8785	87.85
20	31004	0.5679	0.509	0.9005	-1.1203	2.4879	3.6082	0.881	88.1
21	31431	0.4937	0.422	0.8864	-1.1763	2.3209	3.4972	0.8849	88.49
22	30043	0.4805	0.4337	0.8984	-1.2588	2.3555	3.6143	0.8816	88.16
23	27937	0.4755	0.4141	0.8878	-1.1769	2.3352	3.5122	0.8845	88.45
24	31430	0.4082	0.3469	0.8613	-1.2371	2.2543	3.4915	0.8917	89.17
25	32608	0.393	0.3352	0.8718	-1.2506	2.1972	3.4478	0.8889	88.89
26	31515	0.3572	0.2965	0.8768	-1.3068	2.1891	3.4959	0.8875	88.75
27	32050	0.3251	0.2927	0.8569	-1.3383	2.1072	3.4455	0.8929	89.29
28	32859	0.3066	0.2699	0.8782	-1.3857	2.1718	3.5575	0.8872	88.72
29	17965	0.2706	0.2284	0.8809	-1.4628	2.0774	3.5402	0.8864	88.64
30	30603	0.2319	0.2174	0.8665	-1.4403	2.0547	3.495	0.8904	89.04

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
31	32072	0.144	0.1382	0.8431	-1.5552	1.9182	3.4734	0.8965	89.65
32	29236	0.1159	0.1079	0.8272	-1.4988	1.7534	3.2522	0.9006	90.06
33	27378	0.0775	0.0563	0.8193	-1.5444	1.7573	3.3017	0.9026	90.26
34	31316	0.0729	0.0606	0.8271	-1.5876	1.7699	3.3575	0.9006	90.06
35	32410	0.0487	0.0206	0.8228	-1.5719	1.7567	3.3286	0.9017	90.17
36	32928	0.0351	0.0171	0.8142	-1.5641	1.7133	3.2774	0.9039	90.39
37	29636	0.0312	0.0327	0.8052	-1.5951	1.6245	3.2195	0.9061	90.61
38	32328	0.0293	0.0227	0.829	-1.6523	1.7314	3.3837	0.9001	90.01
39	28494	0.0233	0.0356	0.8369	-1.7084	1.7209	3.4293	0.8981	89.81
40	30982	0.0165	0.0159	0.8003	-1.558	1.6536	3.2116	0.9073	90.73
41	19044	0.0157	0.0095	0.8218	-1.5913	1.7311	3.3224	0.902	90.2
42	27836	0.0022	-0.0064	0.8232	-1.6973	1.659	3.3563	0.9016	90.16
43	28378	-0.0149	-0.0141	0.8334	-1.6713	1.7142	3.3855	0.899	89.9
44	33047	-0.0168	-0.0182	0.8249	-1.6724	1.6858	3.3582	0.9012	90.12
45	31854	-0.0802	-0.0633	0.8299	-1.7523	1.606	3.3583	0.8999	89.99
46	28278	-0.0826	-0.0699	0.8129	-1.7746	1.5898	3.3644	0.9042	90.42
47	38669	-0.1546	-0.1317	0.8235	-1.8693	1.4848	3.354	0.9015	90.15
48	29910	-0.1848	-0.1681	0.8396	-1.8755	1.5112	3.3867	0.8974	89.74
49	31432	-0.2227	-0.2027	0.8254	-1.9594	1.3962	3.3556	0.9011	90.11
50	34089	-0.2233	-0.1959	0.8387	-1.9322	1.422	3.3542	0.8977	89.77
51	31914	-0.2236	-0.1951	0.8569	-1.984	1.421	3.405	0.8929	89.29
52	31440	-0.2344	-0.2105	0.8277	-1.961	1.3534	3.3145	0.9005	90.05
53	32504	-0.2356	-0.2183	0.851	-2.0215	1.4595	3.4809	0.8945	89.45
54	33333	-0.2846	-0.2332	0.8776	-2.1345	1.3973	3.5318	0.8873	88.73
55	38547	-0.2919	-0.2511	0.8489	-2.0794	1.3456	3.425	0.895	89.5
56	38553	-0.2969	-0.2717	0.843	-2.0202	1.352	3.3722	0.8966	89.66
57	32499	-0.2973	-0.2653	0.8549	-2.0966	1.3774	3.474	0.8934	89.34
58	32334	-0.2989	-0.2641	0.8576	-2.1142	1.365	3.4792	0.8927	89.27
59	27211	-0.35	-0.2992	0.8774	-2.2177	1.3209	3.5387	0.8874	88.74
60	34303	-0.3526	-0.308	0.8803	-2.1998	1.371	3.5708	0.8866	88.66
61	38914	-0.3845	-0.3351	0.867	-2.2652	1.2684	3.5336	0.8902	89.02
62	27509	-0.385	-0.3446	0.8803	-2.2082	1.3018	3.51	0.8866	88.66
63	30647	-0.3873	-0.3255	0.8887	-2.2497	1.3097	3.5594	0.8843	88.43
64	30073	-0.3996	-0.3533	0.857	-2.1728	1.1953	3.3681	0.8929	89.29
65	38879	-0.437	-0.3829	0.8769	-2.2587	1.2213	3.48	0.8875	88.75

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
66	31535	-0.5931	-0.4966	0.9542	-2.6196	1.1126	3.7323	0.8652	86.52
67	33191	-0.6101	-0.5335	0.9343	-2.571	1.103	3.674	0.8712	87.12
68	38941	-0.6202	-0.5425	0.9487	-2.5884	1.1275	3.7159	0.8669	86.69
69	32542	-0.6622	-0.5923	0.9507	-2.6106	1.0931	3.7037	0.8663	86.63
70	33331	-0.6895	-0.6039	0.9586	-2.6501	1.0169	3.667	0.8639	86.39
71	30206	-0.7053	-0.6163	0.9654	-2.6497	1.0188	3.6684	0.8618	86.18
72	31427	-0.7349	-0.6583	0.9633	-2.7108	0.9827	3.6934	0.8624	86.24
73	31717	-0.7434	-0.6812	0.9223	-2.6248	0.9533	3.5782	0.8747	87.47
74	33809	-0.7624	-0.6673	1.0008	-2.862	0.9995	3.8614	0.8506	85.06
75	39042	-0.7655	-0.6628	0.9839	-2.7361	0.9802	3.7163	0.856	85.6
76	32658	-0.9797	-0.865	1.085	-3.1612	0.8354	3.9966	0.8216	82.16
77	31723	-1.0593	-1.0074	1.0274	-3.1248	0.7614	3.8862	0.8418	84.18
78	33168	-1.0874	-0.9521	1.1252	-3.3249	0.7557	4.0806	0.8065	80.65
79	28324	-1.1664	-1.1183	0.984	-3.1828	0.5317	3.7145	0.8559	85.59
80	34094	-1.3281	-1.1817	1.2334	-3.7649	0.684	4.4489	0.7615	76.15
81	31742	-1.3417	-1.2078	1.2388	-3.7827	0.651	4.4337	0.7591	75.91
82	31724	-1.9574	-1.8623	1.4693	-4.6781	0.4055	5.0835	0.6356	63.56
83	29952	-2.0301	-1.7483	1.6765	-5.2051	0.4242	5.6293	0.4733	47.33
84	23729	-2.4073	-2.0385	1.9761	-6.3278	0.394	6.7219	0	0

GTdx

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	29952	4.0508	4.3744	2.9416	-0.3788	8.7656	9.1444	0.2283	22.83
2	38939	3.7005	3.991	2.6998	-0.5128	8.104	8.6169	0.449	44.9
3	30891	3.6682	3.7062	2.8415	-0.5151	8.9309	9.446	0.34	34
4	31914	3.5456	3.7436	2.6447	-0.5277	7.9941	8.5218	0.4836	48.36
5	30790	2.8213	2.8244	2.2679	-0.653	7.0317	7.6846	0.6608	66.08
6	30485	2.4176	2.3834	2.0221	-0.7621	6.3033	7.0654	0.743	74.3
7	32328	2.0632	1.9902	1.8442	-0.9545	5.5483	6.5029	0.7921	79.21
8	32604	1.6726	1.4463	1.8247	-1.2436	5.6446	6.8882	0.797	79.7
9	27883	1.5188	1.2349	1.742	-1.2366	5.3368	6.5735	0.8171	81.71
10	23729	1.311	0.9451	1.8692	-1.8387	5.5392	7.378	0.7857	78.57
11	32504	1.2252	1.0829	1.4513	-1.3474	4.1338	5.4812	0.8771	87.71
12	27239	1.2066	1.0332	1.4636	-1.3312	4.19	5.5213	0.8748	87.48
13	31425	1.1501	1.0299	1.4121	-1.3396	4.0344	5.374	0.8841	88.41
14	28378	0.9848	0.8639	1.3837	-1.4655	3.8602	5.3257	0.889	88.9
15	38553	0.9336	0.6879	1.6094	-1.879	4.432	6.311	0.8463	84.63
16	29444	0.8524	0.7229	1.2866	-1.5277	3.4656	4.9933	0.9048	90.48
17	32206	0.611	0.4598	1.5633	-2.2465	3.9703	6.2168	0.8557	85.57
18	38648	0.6014	0.4841	1.3033	-1.8554	3.3252	5.1806	0.9022	90.22
19	34089	0.5821	0.4066	1.5064	-2.2698	3.9469	6.2167	0.8669	86.69
20	27836	0.5745	0.4032	1.5112	-2.1951	3.7729	5.968	0.8659	86.59
21	31440	0.4847	0.4039	1.2015	-1.8376	2.9966	4.8342	0.9175	91.75
22	32072	0.3882	0.3263	1.173	-1.9271	2.8308	4.7579	0.9216	92.16
23	33047	0.3399	0.2423	1.4911	-2.5788	3.622	6.2007	0.8697	86.97
24	20131	0.3393	0.2449	1.3026	-2.1272	3.0865	5.2137	0.9023	90.23
25	31316	0.3136	0.2226	1.5043	-2.604	3.5327	6.1367	0.8672	86.72
26	30043	0.2225	0.1931	1.1573	-2.1355	2.6013	4.7368	0.9237	92.37
27	19044	0.1442	0.0908	1.3059	-2.5091	2.9284	5.4375	0.9018	90.18
28	31717	0.1309	0.1313	1.2407	-2.3977	2.7171	5.1147	0.9118	91.18
29	34303	0.1058	0.0773	1.4943	-2.8808	3.2824	6.1633	0.8691	86.91
30	32499	0.0894	0.0611	1.4686	-2.841	3.1388	5.9798	0.8739	87.39

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
31	31549	0.0676	0.0576	1.2379	-2.4356	2.6639	5.0995	0.9122	91.22
32	33191	0.0667	0.0412	1.641	-3.3654	3.4588	6.8242	0.8397	83.97
33	31004	0.0617	0.0547	1.3099	-2.6588	2.7176	5.3764	0.9011	90.11
34	30647	0.0181	0.0308	2.0792	-4.3335	4.462	8.7955	0.7256	72.56
35	29910	0.0156	0.0159	1.4778	-3.0396	3.0596	6.0992	0.8722	87.22
36	32658	0.0085	-0.0113	2.107	-4.3312	4.5508	8.882	0.7167	71.67
37	38914	-0.0183	-0.0207	1.4739	-3.1391	2.9578	6.0969	0.8729	87.29
38	31535	-0.0319	-0.0148	1.6391	-3.5767	3.2148	6.7915	0.8401	84.01
39	31432	-0.044	-0.0323	1.1669	-2.4292	2.3305	4.7597	0.9224	92.24
40	33333	-0.0512	-0.0476	1.2078	-2.5789	2.3906	4.9696	0.9166	91.66
41	30603	-0.0722	-0.061	1.3026	-2.7915	2.5733	5.3648	0.9023	90.23
42	32410	-0.0951	-0.0909	1.1361	-2.3949	2.2199	4.6147	0.9266	92.66
43	30073	-0.0962	-0.0692	1.1313	-2.4861	2.1785	4.6646	0.9273	92.73
44	29636	-0.1042	-0.0824	1.1519	-2.487	2.1674	4.6544	0.9245	92.45
45	38941	-0.1109	-0.071	1.1544	-2.4648	2.263	4.7279	0.9241	92.41
46	30206	-0.1188	-0.0953	1.1604	-2.5503	2.2003	4.7505	0.9233	92.33
47	30634	-0.1835	-0.1244	1.2255	-2.7797	2.2046	4.9843	0.914	91.4
48	33809	-0.2485	-0.2141	1.2444	-2.8011	2.2987	5.0998	0.9113	91.13
49	30982	-0.3687	-0.2808	1.218	-2.9327	2.0021	4.9348	0.9151	91.51
50	28494	-0.3937	-0.2938	1.5159	-3.6415	2.4355	6.077	0.865	86.5
51	31427	-0.5044	-0.4227	1.1917	-3.0287	1.7979	4.8266	0.9189	91.89
52	38879	-0.556	-0.4104	1.4981	-3.8468	2.2768	6.1236	0.8684	86.84
53	31430	-0.5745	-0.4882	1.2039	-3.0499	1.7547	4.8046	0.9172	91.72
54	32334	-0.5766	-0.487	1.2712	-3.1893	1.8888	5.0781	0.9072	90.72
55	32928	-0.5952	-0.4795	1.2849	-3.3578	1.8258	5.1836	0.9051	90.51
56	31854	-0.6082	-0.4173	1.5266	-3.9701	2.1836	6.1537	0.863	86.3
57	28324	-0.6141	-0.5092	1.1834	-3.204	1.5618	4.7659	0.9201	92.01
58	31742	-0.627	-0.5329	1.2098	-3.0848	1.6503	4.735	0.9163	91.63
59	32542	-0.6375	-0.5321	1.2854	-3.3315	1.7704	5.1019	0.905	90.5
60	27937	-0.6771	-0.5563	1.3003	-3.3892	1.7379	5.1271	0.9027	90.27
61	32608	-0.7191	-0.5384	1.5042	-3.9205	2.0857	6.0062	0.8673	86.73
62	34094	-0.7496	-0.5695	1.5793	-4.1637	2.0915	6.2552	0.8525	85.25
63	19145	-0.7593	-0.6371	1.2827	-3.4207	1.6366	5.0572	0.9054	90.54
64	32050	-0.7913	-0.6697	1.38	-3.7168	1.7483	5.4651	0.8896	88.96
65	31431	-0.8286	-0.7151	1.2903	-3.4775	1.534	5.0115	0.9042	90.42

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
66	28278	-0.8294	-0.7184	1.2916	-3.4873	1.5169	5.0043	0.904	90.4
67	33331	-0.8393	-0.7098	1.3393	-3.6756	1.6093	5.2849	0.8964	89.64
68	27301	-0.8403	-0.6671	1.2824	-3.6189	1.4618	5.0807	0.9055	90.55
69	30788	-0.8775	-0.7266	1.4469	-3.9817	1.7771	5.7588	0.8779	87.79
70	19341	-0.9148	-0.754	1.4167	-3.8885	1.5311	5.4197	0.8833	88.33
71	29236	-1.1764	-0.9224	1.696	-4.9221	1.7401	6.6622	0.8276	82.76
72	38547	-1.2193	-0.9554	1.6992	-4.9212	1.6221	6.5433	0.8269	82.69
73	33203	-1.2882	-0.9397	1.88	-5.4793	1.8221	7.3014	0.7828	78.28
74	39042	-1.3155	-1.05	1.6452	-4.8526	1.3322	6.1848	0.8388	83.88
75	32859	-1.3379	-1.247	1.4517	-4.245	1.2612	5.5062	0.877	87.7
76	31515	-1.4851	-1.378	1.5656	-4.5941	1.2716	5.8656	0.8553	85.53
77	27378	-1.6058	-1.4621	1.6369	-4.8693	1.085	5.9543	0.8405	84.05
78	31724	-1.702	-1.6623	1.5907	-4.7465	1.0279	5.7745	0.8502	85.02
79	27509	-1.7617	-1.634	1.7086	-5.1573	1.0116	6.169	0.8248	82.48
80	17965	-1.8639	-1.739	1.7889	-5.4051	1.0326	6.4377	0.8059	80.59
81	27211	-2.4687	-2.2243	2.2448	-7.0082	0.9185	7.9267	0.6693	66.93
82	38669	-2.5417	-2.6211	2.0815	-6.1839	0.8084	6.9923	0.7248	72.48
83	33168	-3.1988	-3.3055	2.4667	-7.5121	0.5773	8.0893	0.5775	57.75
84	31723	-3.7321	-3.9859	2.6732	-8.0328	0.4688	8.5016	0.4661	46.61

RMS

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
1	34146	0.7895	0.7629	0.5069	-0.103	1.8224	1.9254	0.7211	72.11
2	39482	0.7248	0.6952	0.4803	-0.114	1.6916	1.8056	0.7543	75.43
3	39296	0.7085	0.6931	0.4719	-0.1687	1.6628	1.8316	0.7641	76.41
4	31980	0.6504	0.6365	0.4535	-0.1892	1.568	1.7572	0.7847	78.47
5	35375	0.6221	0.5994	0.455	-0.1922	1.555	1.7472	0.7831	78.31
6	38896	0.6073	0.5908	0.4423	-0.1939	1.5197	1.7136	0.7965	79.65
7	34728	0.6057	0.5906	0.4518	-0.2329	1.5279	1.7608	0.7865	78.65
8	29369	0.5937	0.5776	0.4522	-0.2252	1.53	1.7552	0.7861	78.61
9	34114	0.5919	0.5616	0.4501	-0.2133	1.5031	1.7165	0.7883	78.83
10	35279	0.5127	0.494	0.4247	-0.2737	1.3854	1.6591	0.8142	81.42
11	28680	0.5102	0.4847	0.4245	-0.2532	1.3791	1.6323	0.8144	81.44
12	33988	0.5027	0.4811	0.4228	-0.2798	1.3543	1.6341	0.8161	81.61
13	38879	0.492	0.4781	0.4234	-0.292	1.3548	1.6468	0.8155	81.55
14	38914	0.4086	0.393	0.4119	-0.354	1.2547	1.6087	0.8265	82.65
15	31717	0.3622	0.3465	0.3915	-0.3461	1.1581	1.5042	0.8447	84.47
16	39377	0.3572	0.3504	0.3972	-0.4008	1.1417	1.5425	0.8398	83.98
17	32878	0.3555	0.3418	0.4183	-0.4396	1.1798	1.6195	0.8204	82.04
18	34004	0.3535	0.3478	0.3953	-0.3928	1.1387	1.5315	0.8414	84.14
19	32499	0.3403	0.3359	0.3988	-0.4243	1.145	1.5692	0.8384	83.84
20	32206	0.3158	0.3085	0.4007	-0.4669	1.1169	1.5838	0.8367	83.67
21	33814	0.2875	0.272	0.3855	-0.4453	1.0843	1.5296	0.8499	84.99
22	33812	0.2778	0.2759	0.3859	-0.4712	1.0514	1.5226	0.8496	84.96
23	29636	0.2651	0.2569	0.3814	-0.4623	1.0511	1.5134	0.8533	85.33
24	40635	0.2651	0.2501	0.3828	-0.4447	1.0426	1.4873	0.8522	85.22
25	33191	0.2598	0.2562	0.3773	-0.4586	1.0233	1.482	0.8567	85.67
26	34731	0.2051	0.198	0.3702	-0.5207	0.9372	1.4579	0.8625	86.25
27	38547	0.1989	0.1912	0.3713	-0.5111	0.9534	1.4645	0.8616	86.16
28	35257	0.1939	0.1885	0.3711	-0.5242	0.9455	1.4697	0.8618	86.18
29	31432	0.1888	0.1846	0.3728	-0.5318	0.9471	1.4788	0.8604	86.04
30	32072	0.1736	0.1765	0.3672	-0.5353	0.8961	1.4314	0.8649	86.49
31	29236	0.1655	0.166	0.3705	-0.5552	0.9046	1.4598	0.8623	86.23
32	29215	0.162	0.15	0.3629	-0.5371	0.8789	1.4159	0.8683	86.83

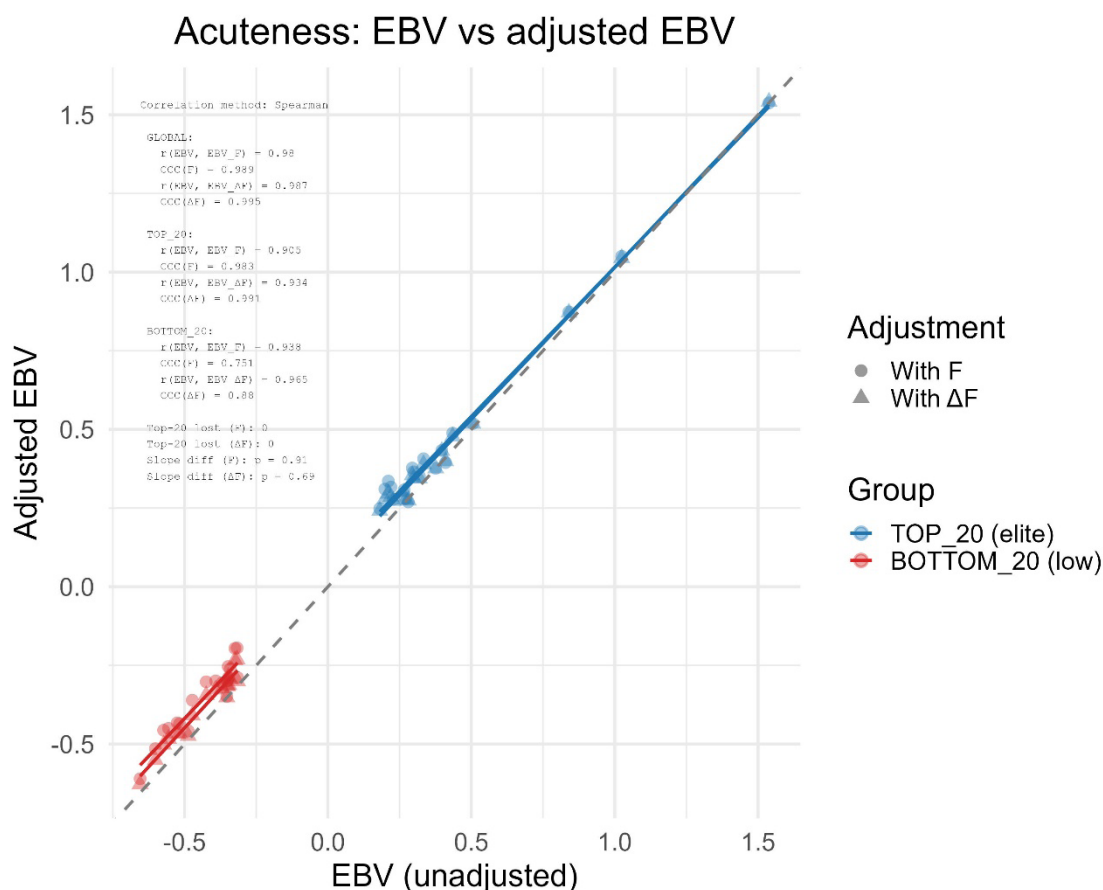
Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
33	29257	0.1572	0.1527	0.3592	-0.5399	0.8851	1.4251	0.8711	87.11
34	39662	0.1551	0.1517	0.3711	-0.5674	0.8936	1.461	0.8618	86.18
35	34729	0.1543	0.1472	0.3813	-0.6055	0.9115	1.517	0.8534	85.34
36	31431	0.1507	0.1448	0.3637	-0.5581	0.8785	1.4366	0.8677	86.77
37	34236	0.1418	0.1487	0.3653	-0.5724	0.8859	1.4584	0.8664	86.64
38	27509	0.1357	0.1291	0.3697	-0.5715	0.8636	1.4351	0.8629	86.29
39	32334	0.1292	0.124	0.3704	-0.5949	0.8605	1.4554	0.8624	86.24
40	34732	0.1032	0.0986	0.3802	-0.6433	0.8529	1.4962	0.8543	85.43
41	31854	0.0964	0.0923	0.3606	-0.6019	0.818	1.4199	0.87	87
42	31541	0.0945	0.0886	0.3673	-0.6121	0.8204	1.4325	0.8648	86.48
43	31430	0.093	0.0856	0.3638	-0.6039	0.8282	1.432	0.8676	86.76
44	38600	0.0923	0.0913	0.3398	-0.5821	0.7613	1.3434	0.8856	88.56
45	33333	0.0859	0.0819	0.3624	-0.624	0.815	1.439	0.8687	86.87
46	33168	0.081	0.0917	0.3689	-0.6673	0.8013	1.4686	0.8635	86.35
47	27937	0.0796	0.074	0.3652	-0.6565	0.8106	1.4671	0.8665	86.65
48	19044	0.0791	0.0831	0.3667	-0.6632	0.7984	1.4616	0.8653	86.53
49	39440	0.071	0.0683	0.3625	-0.6318	0.7784	1.4101	0.8686	86.86
50	33889	0.0698	0.069	0.3688	-0.6571	0.8038	1.4609	0.8636	86.36
51	17965	0.0486	0.0473	0.371	-0.6833	0.7922	1.4755	0.8619	86.19
52	39779	0.0466	0.0499	0.3897	-0.7347	0.8178	1.5525	0.8463	84.63
53	30073	0.0361	0.0352	0.3637	-0.6695	0.7653	1.4347	0.8677	86.77
54	39472	0.0279	0.0285	0.3543	-0.6705	0.7137	1.3843	0.8749	87.49
55	33331	0.0271	0.0215	0.3675	-0.7025	0.7569	1.4594	0.8646	86.46
56	30043	0.0268	0.0278	0.3726	-0.6891	0.7654	1.4544	0.8606	86.06
57	40632	0.0117	0.0071	0.3802	-0.7394	0.7525	1.4919	0.8543	85.43
58	39465	0.0094	0.0089	0.3627	-0.7164	0.7209	1.4372	0.8684	86.84
59	34218	0.0001	-0.0009	0.3592	-0.7205	0.6922	1.4127	0.8711	87.11
60	34005	-0.0142	-0.014	0.3604	-0.7344	0.6925	1.4268	0.8702	87.02
61	30206	-0.0145	-0.0166	0.3576	-0.71	0.7016	1.4116	0.8724	87.24
62	31316	-0.0152	-0.0085	0.3728	-0.7654	0.7193	1.4847	0.8604	86.04
63	39022	-0.0165	-0.0126	0.3611	-0.7389	0.6763	1.4152	0.8697	86.97
64	30647	-0.0196	-0.0292	0.3714	-0.7394	0.7334	1.4728	0.8615	86.15
65	31515	-0.0245	-0.0201	0.3756	-0.7555	0.7128	1.4684	0.8582	85.82
66	33809	-0.0329	-0.0349	0.3649	-0.7707	0.6907	1.4614	0.8667	86.67
67	38569	-0.0447	-0.0393	0.3681	-0.7612	0.6589	1.4201	0.8642	86.42

Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_per-cent
68	28278	-0.048	-0.0489	0.3654	-0.7785	0.6727	1.4512	0.8663	86.63
69	30790	-0.0497	-0.0495	0.3592	-0.755	0.6619	1.4169	0.8712	87.12
70	19145	-0.0547	-0.0509	0.3691	-0.7667	0.6798	1.4465	0.8634	86.34
71	20131	-0.0687	-0.0668	0.3619	-0.7958	0.6386	1.4344	0.869	86.9
72	31440	-0.0727	-0.0745	0.3706	-0.7931	0.6344	1.4275	0.8622	86.22
73	39042	-0.0741	-0.0754	0.3625	-0.7984	0.6492	1.4476	0.8686	86.86
74	31427	-0.0832	-0.0693	0.3649	-0.8014	0.6357	1.4371	0.8667	86.67
75	31724	-0.0845	-0.0876	0.3546	-0.7734	0.626	1.3994	0.8746	87.46
76	31742	-0.0869	-0.0834	0.377	-0.8282	0.6398	1.4679	0.857	85.7
77	27378	-0.0906	-0.0756	0.3544	-0.798	0.5948	1.3928	0.8748	87.48
78	31425	-0.0918	-0.0873	0.3627	-0.8096	0.6054	1.415	0.8685	86.85
79	30869	-0.0955	-0.094	0.3721	-0.8696	0.6263	1.4959	0.861	86.1
80	39081	-0.0983	-0.0847	0.3802	-0.8728	0.6333	1.5062	0.8544	85.44
81	34303	-0.1029	-0.1023	0.375	-0.8351	0.6277	1.4628	0.8586	85.86
82	30485	-0.1094	-0.1131	0.3745	-0.8331	0.6228	1.4558	0.859	85.9
83	38648	-0.1143	-0.1132	0.3636	-0.8367	0.5918	1.4285	0.8677	86.77
84	33945	-0.1151	-0.1139	0.3723	-0.8796	0.601	1.4806	0.8609	86.09
85	33203	-0.1152	-0.1118	0.3645	-0.8465	0.5897	1.4362	0.867	86.7
86	39376	-0.1219	-0.1152	0.3678	-0.8463	0.5897	1.436	0.8644	86.44
87	31723	-0.1236	-0.1155	0.3699	-0.8724	0.5812	1.4536	0.8627	86.27
88	32859	-0.133	-0.1233	0.3946	-0.9254	0.6252	1.5506	0.842	84.2
89	35047	-0.1551	-0.1453	0.3618	-0.8747	0.5442	1.419	0.8691	86.91
90	32542	-0.1643	-0.1572	0.3722	-0.9136	0.5772	1.4908	0.8609	86.09
91	32050	-0.1805	-0.1733	0.3863	-0.9543	0.574	1.5284	0.8492	84.92
92	32460	-0.1837	-0.1797	0.3731	-0.9474	0.5476	1.495	0.8602	86.02
93	28378	-0.1928	-0.1905	0.3761	-0.9353	0.5563	1.4915	0.8577	85.77
94	27836	-0.1935	-0.1903	0.3664	-0.9205	0.5094	1.4298	0.8656	86.56
95	38553	-0.1956	-0.1813	0.3735	-0.9443	0.501	1.4453	0.8599	85.99
96	29910	-0.2169	-0.2059	0.3817	-0.9883	0.5137	1.502	0.8531	85.31
97	27301	-0.224	-0.2243	0.3193	-0.8636	0.3976	1.2611	0.8997	89.97
98	34084	-0.238	-0.2322	0.3839	-0.9905	0.5173	1.5077	0.8512	85.12
99	32505	-0.2487	-0.2438	0.3827	-0.9947	0.5009	1.4956	0.8522	85.22
100	32328	-0.2573	-0.2491	0.3813	-1.0115	0.4672	1.4787	0.8535	85.35
101	32608	-0.2599	-0.2542	0.3834	-1.0358	0.499	1.5348	0.8517	85.17
102	32410	-0.2626	-0.2546	0.3755	-1.0086	0.4578	1.4664	0.8582	85.82

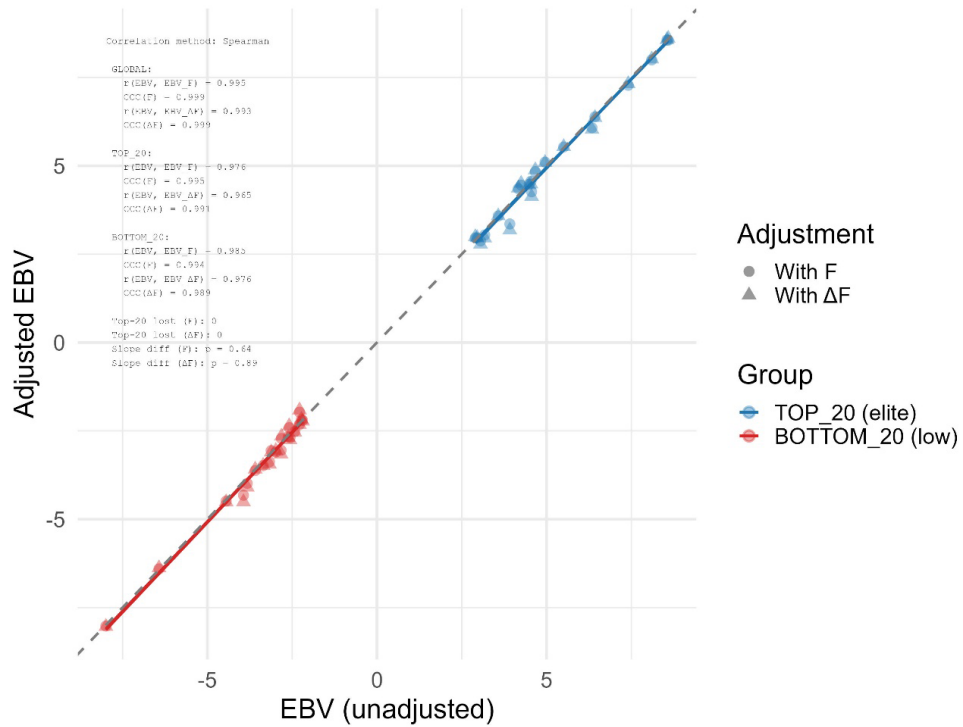
Rank	id	EBV_mean	EBV_Median	EBV_SD	EBV_CI95_L	EBV_CI95_U	CI95_width	Accuracy	Accuracy_percent
103	31111	-0.2682	-0.2575	0.389	-1.0652	0.4748	1.54	0.8469	84.69
104	34283	-0.2812	-0.2749	0.3839	-1.0672	0.442	1.5092	0.8512	85.12
105	23729	-0.3048	-0.2974	0.3966	-1.1074	0.468	1.5754	0.8403	84.03
106	31629	-0.3049	-0.2931	0.385	-1.0775	0.4183	1.4958	0.8503	85.03
107	29952	-0.3142	-0.3059	0.3875	-1.0663	0.416	1.4822	0.8482	84.82
108	32504	-0.3154	-0.3113	0.3932	-1.0997	0.45	1.5498	0.8432	84.32
109	19341	-0.3266	-0.3238	0.3833	-1.1098	0.3934	1.5032	0.8517	85.17
110	29444	-0.3279	-0.312	0.3875	-1.126	0.3719	1.498	0.8482	84.82
111	34089	-0.3504	-0.3299	0.4068	-1.2056	0.3982	1.6037	0.8311	83.11
112	30603	-0.415	-0.4069	0.404	-1.238	0.3489	1.5869	0.8337	83.37
113	31535	-0.4163	-0.4026	0.4101	-1.2588	0.3435	1.6024	0.8281	82.81
114	38603	-0.4309	-0.4128	0.409	-1.2633	0.3353	1.5987	0.8292	82.92
115	32928	-0.4317	-0.4289	0.4113	-1.2548	0.3545	1.6093	0.827	82.7
116	30982	-0.441	-0.4278	0.4085	-1.2795	0.3121	1.5917	0.8295	82.95
117	32658	-0.4467	-0.4347	0.4133	-1.2848	0.3141	1.5989	0.8252	82.52
118	28494	-0.4766	-0.4649	0.4247	-1.3205	0.3195	1.6401	0.8142	81.42
119	29151	-0.4771	-0.4671	0.4084	-1.2903	0.2789	1.5692	0.8297	82.97
120	30788	-0.4951	-0.4729	0.435	-1.3773	0.3259	1.7032	0.804	80.4
121	31549	-0.5291	-0.5117	0.4376	-1.4034	0.2881	1.6915	0.8014	80.14
122	34094	-0.5478	-0.5258	0.4357	-1.4224	0.2345	1.6569	0.8033	80.33
123	30634	-0.5814	-0.5628	0.4453	-1.4791	0.2144	1.6936	0.7934	79.34
124	27883	-0.6111	-0.5949	0.4031	-1.4289	0.1193	1.5482	0.8345	83.45
125	31914	-0.6436	-0.6248	0.4658	-1.5786	0.1884	1.7669	0.7711	77.11
126	27239	-0.6884	-0.6738	0.4455	-1.575	0.1145	1.6896	0.7932	79.32
127	32604	-0.7323	-0.7312	0.4605	-1.6421	0.1118	1.7539	0.777	77.7
128	31004	-0.9233	-0.8984	0.528	-1.9704	0.0358	2.0062	0.6922	69.22

SUPPLEMENTARY MATERIAL 3.

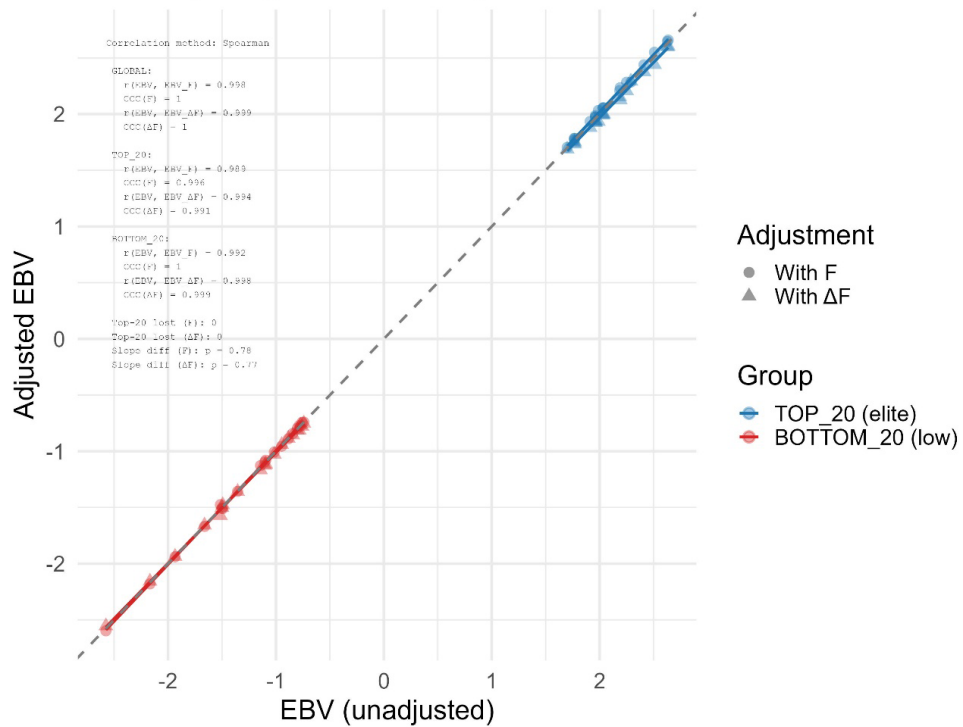
Scatter plot comparing unadjusted estimated breeding values (EBVs) with adjusted EBVs for each trait, stratified by genetic merit and inbreeding adjustment method. The x-axis represents unadjusted EBVs, while the y-axis shows EBVs adjusted for inbreeding using either the inbreeding coefficient (F) or the individual rate of inbreeding (ΔF). Blue circles represent the top 20 elite animals, while red circles indicate the bottom 20 lowest-performing animals. Triangles denote EBVs adjusted with ΔF , while circles represent EBVs adjusted with F . The dashed diagonal line indicates perfect agreement (where adjusted EBV = unadjusted EBV), and the solid blue line represents the regression fit. Statistical metrics are provided in the left panel: global correlations (Pearson or Spearman) and concordance correlation coefficients (CCC). The slope difference test are shown.

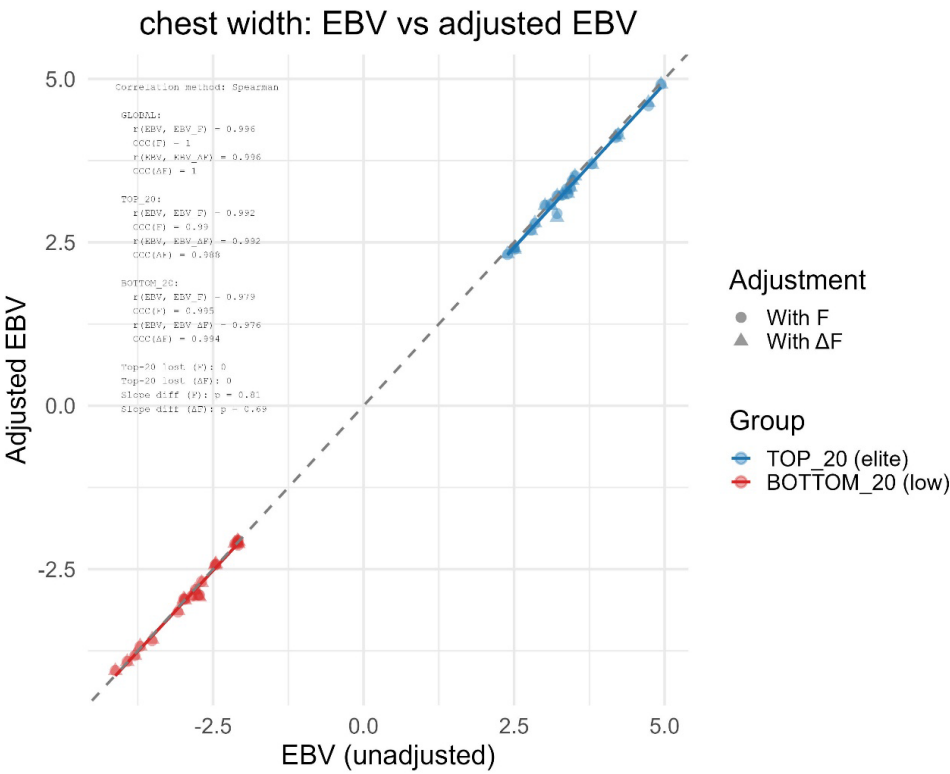
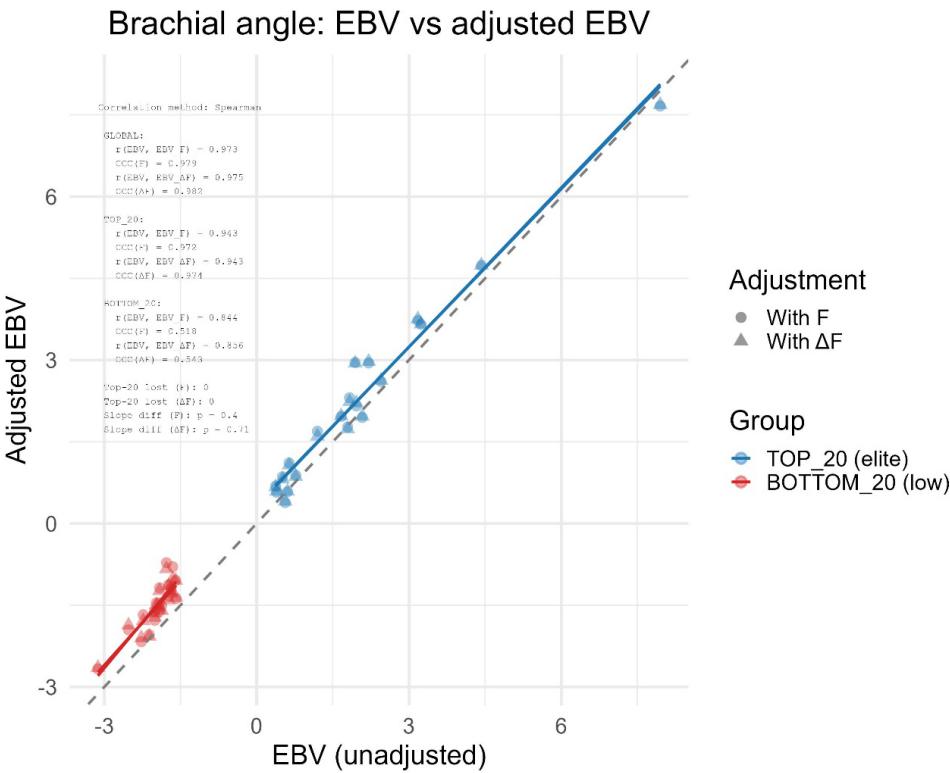


Back inclination angle: EBV vs adjusted EBV

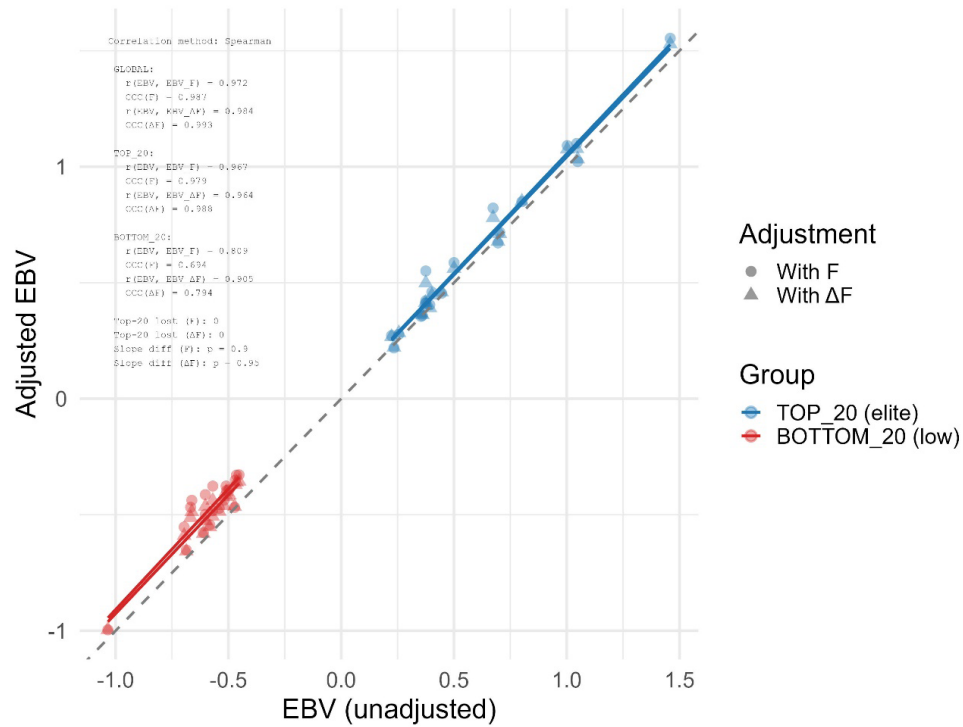


Body length: EBV vs adjusted EBV

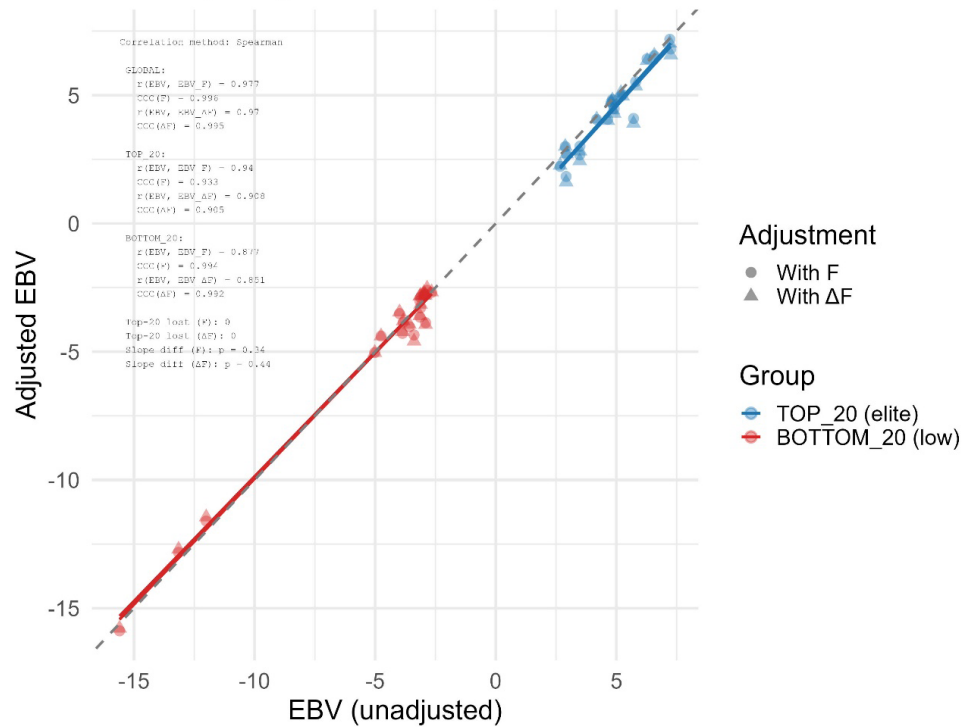




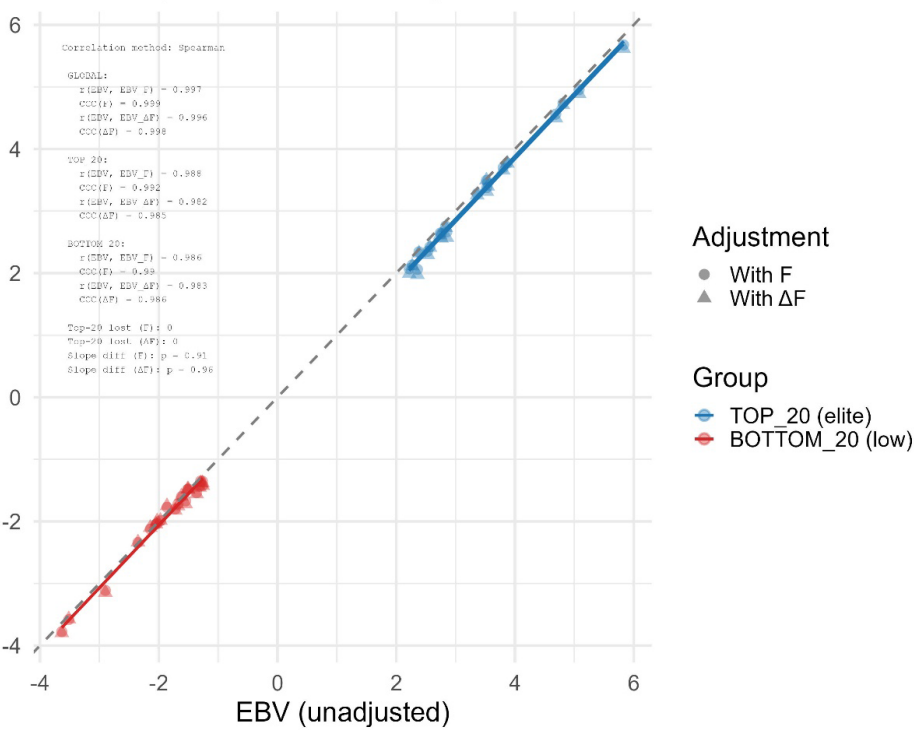
Coxofemoral angle: EBV vs adjusted EBV



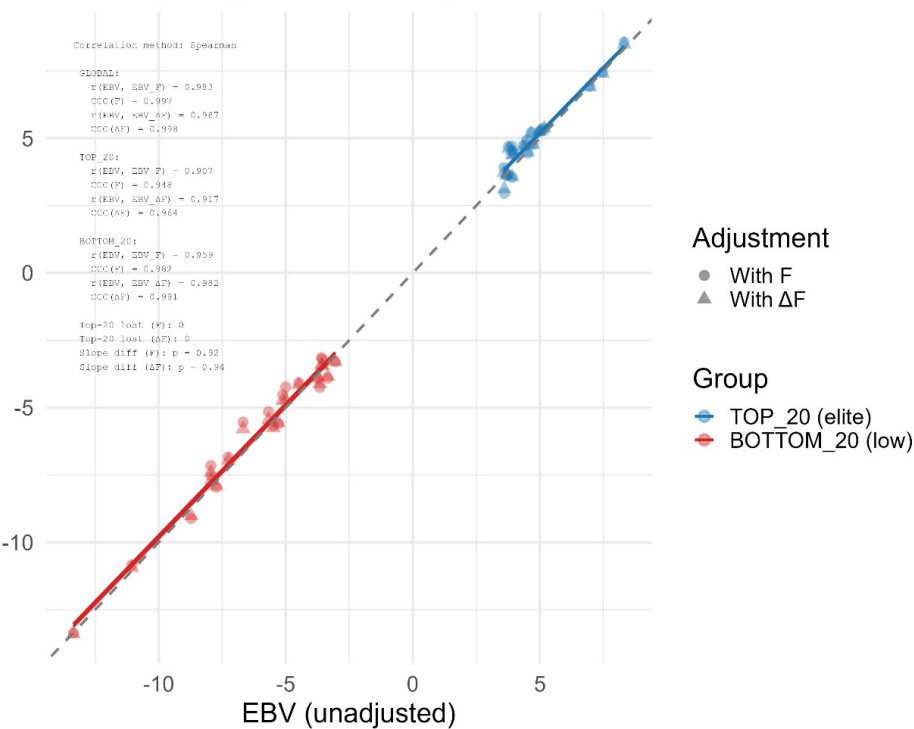
Croup length: EBV vs adjusted EBV



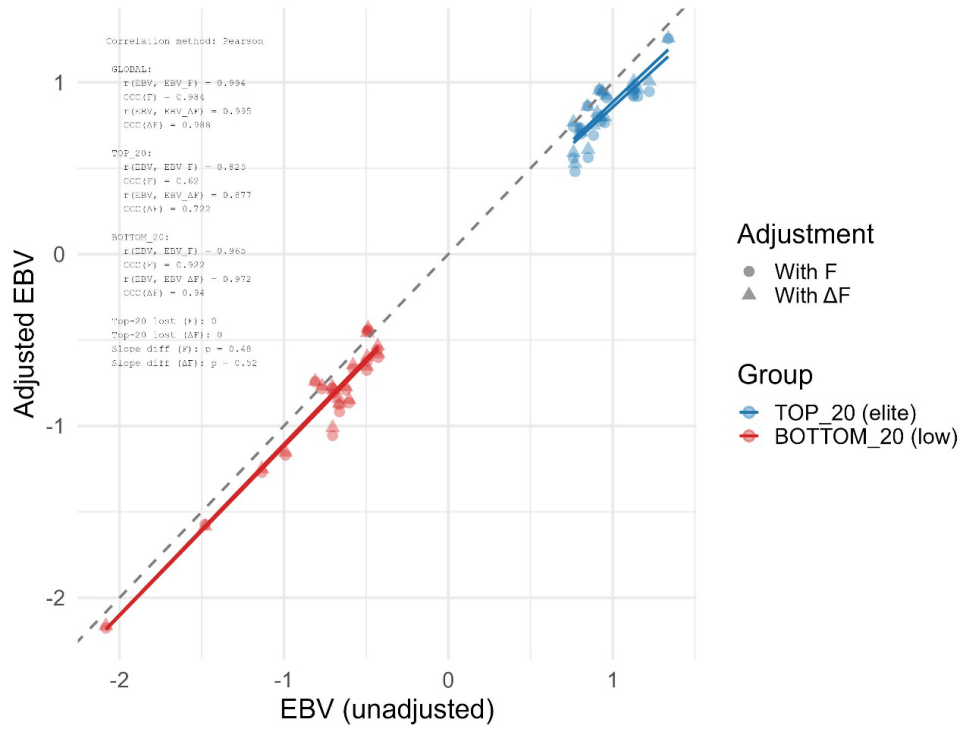
Group width: EBV vs adjusted EBV



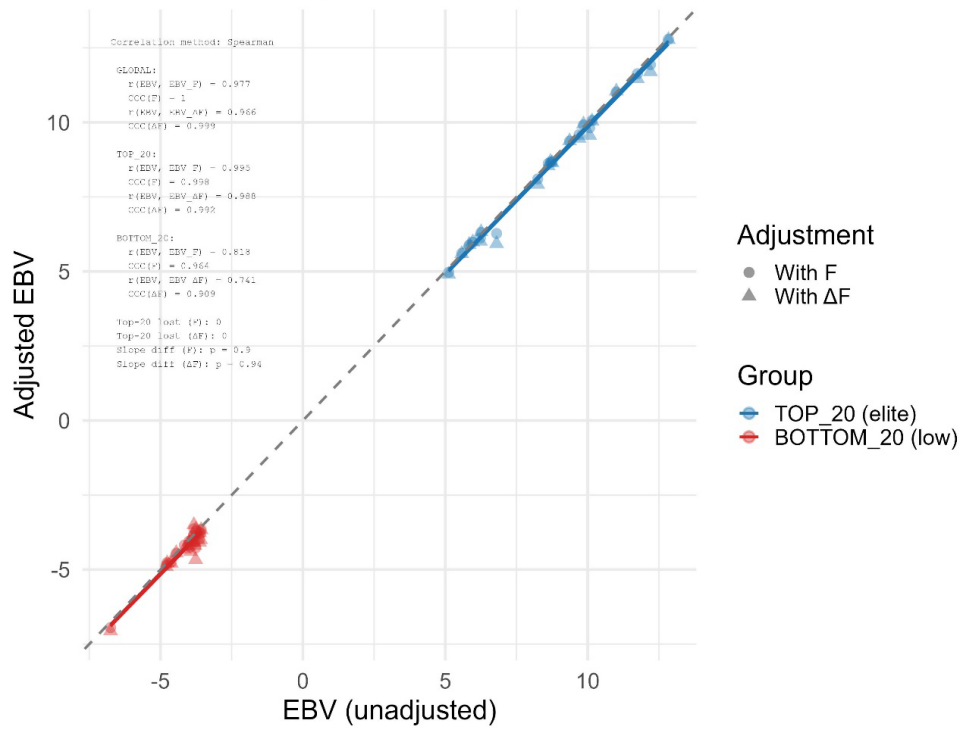
Group height: EBV vs adjusted EBV

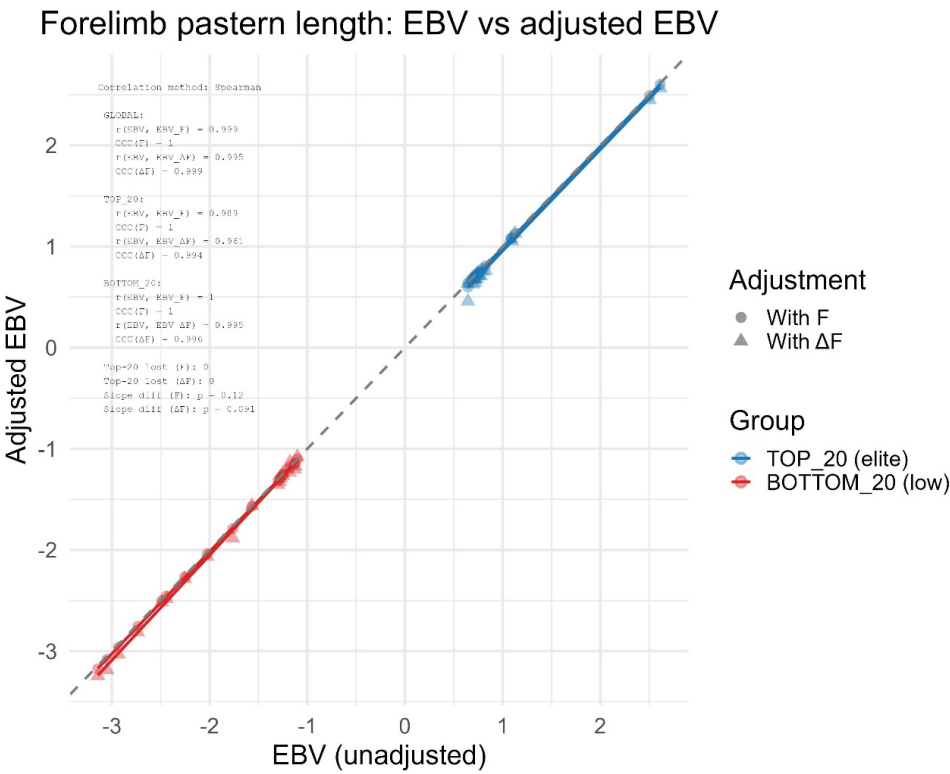
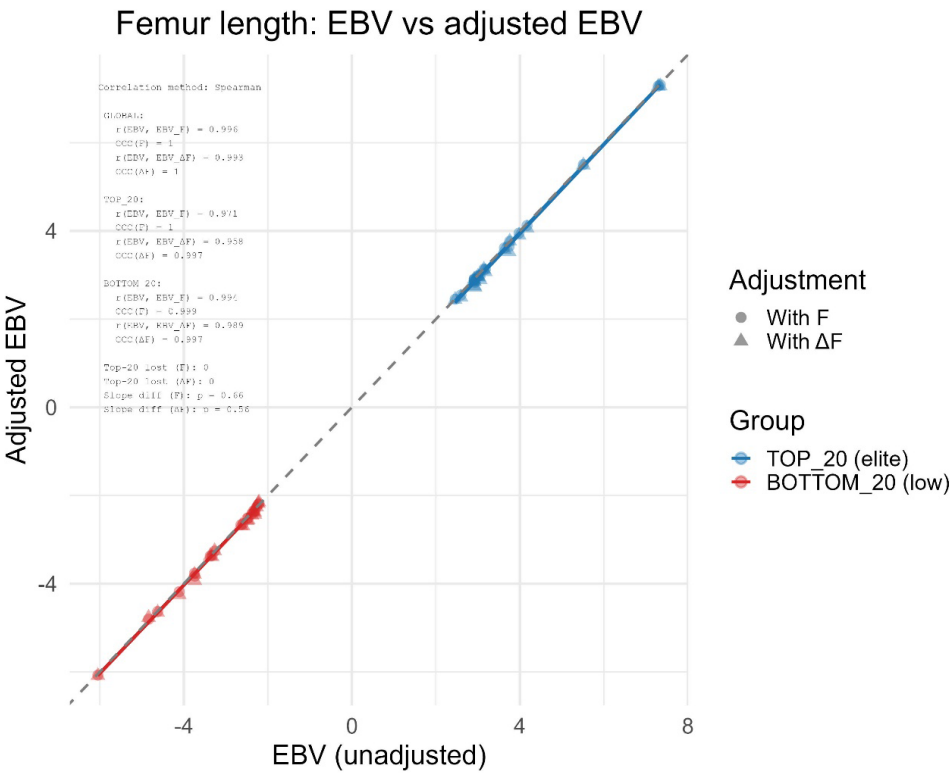


Extension: EBV vs adjusted EBV

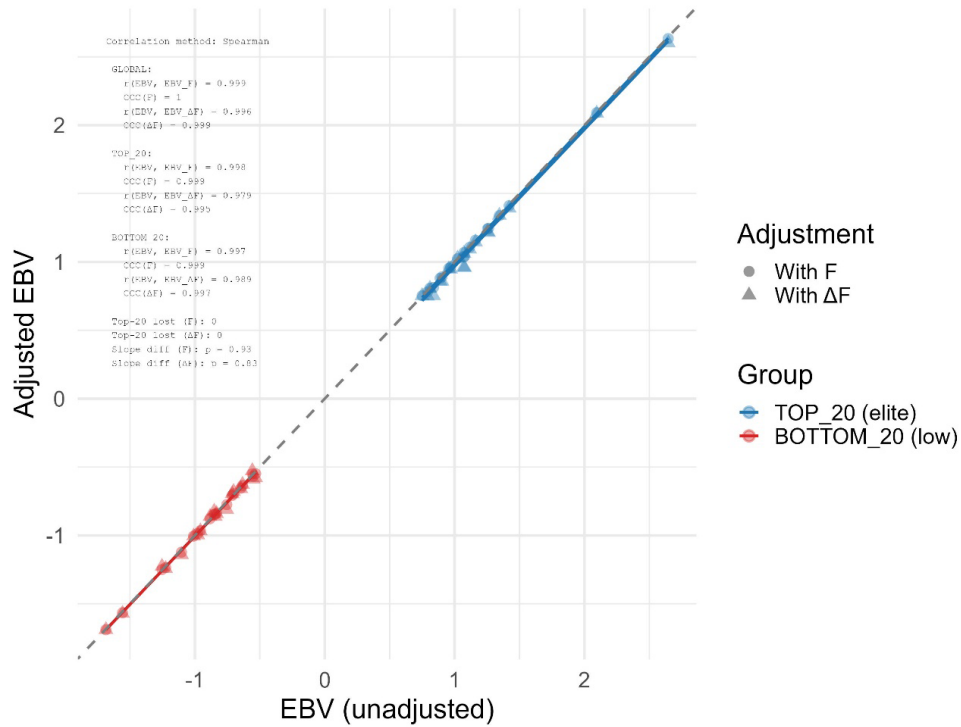


femorotibial angle: EBV vs adjusted EBV

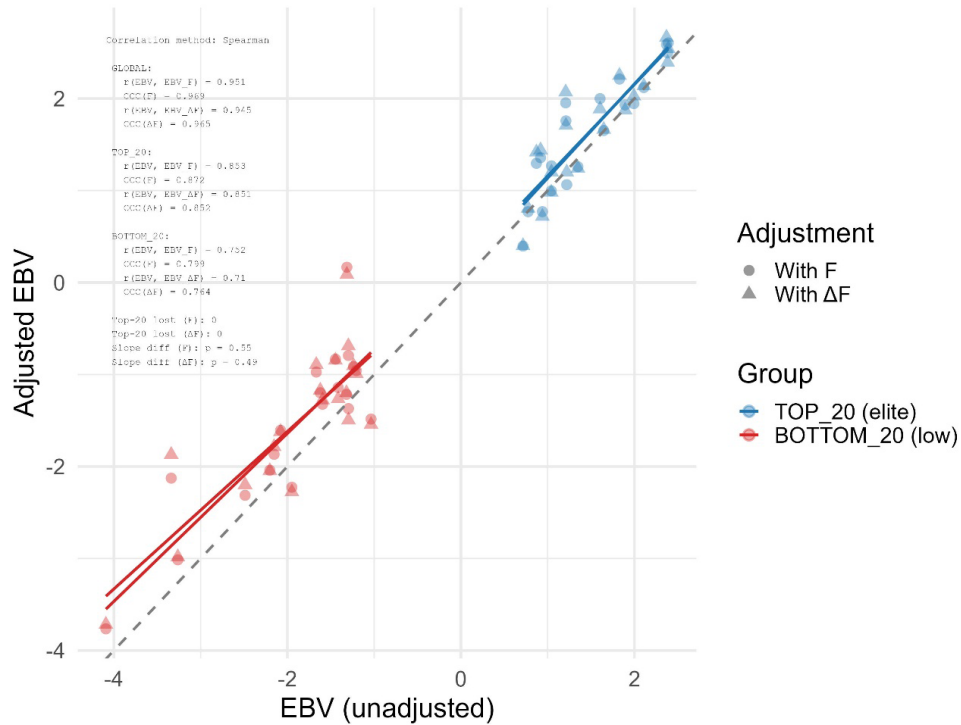


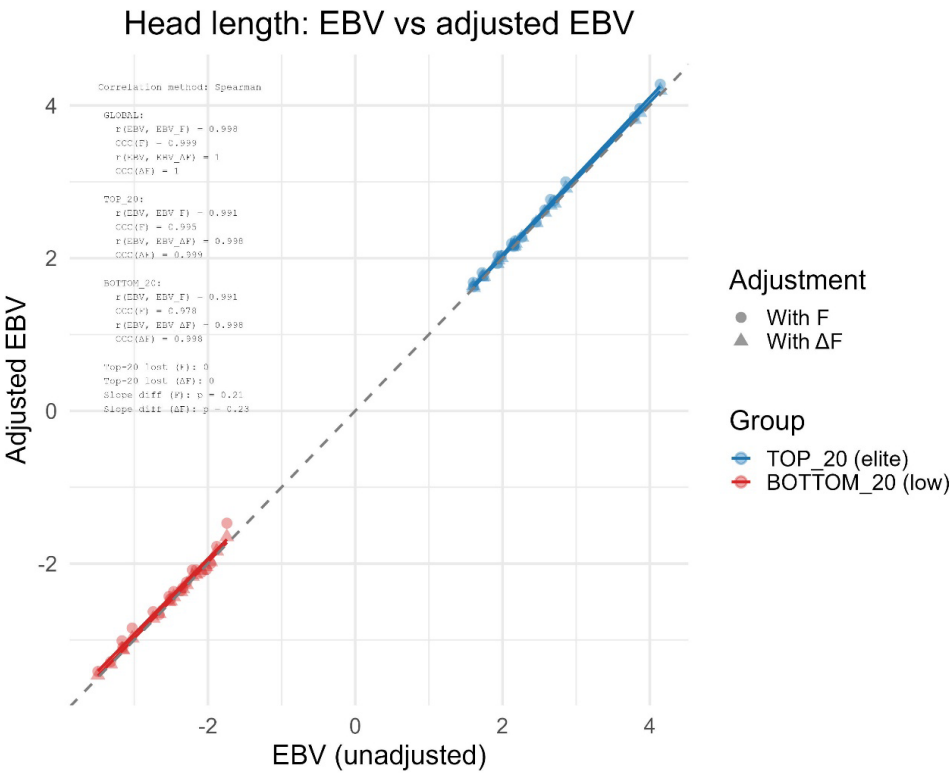
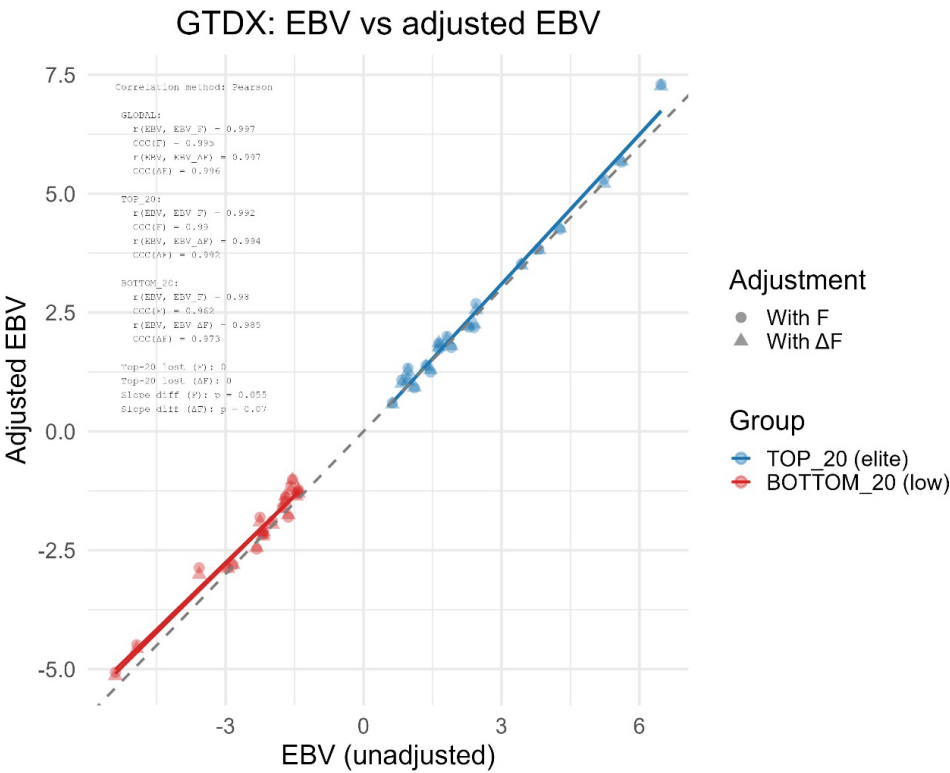


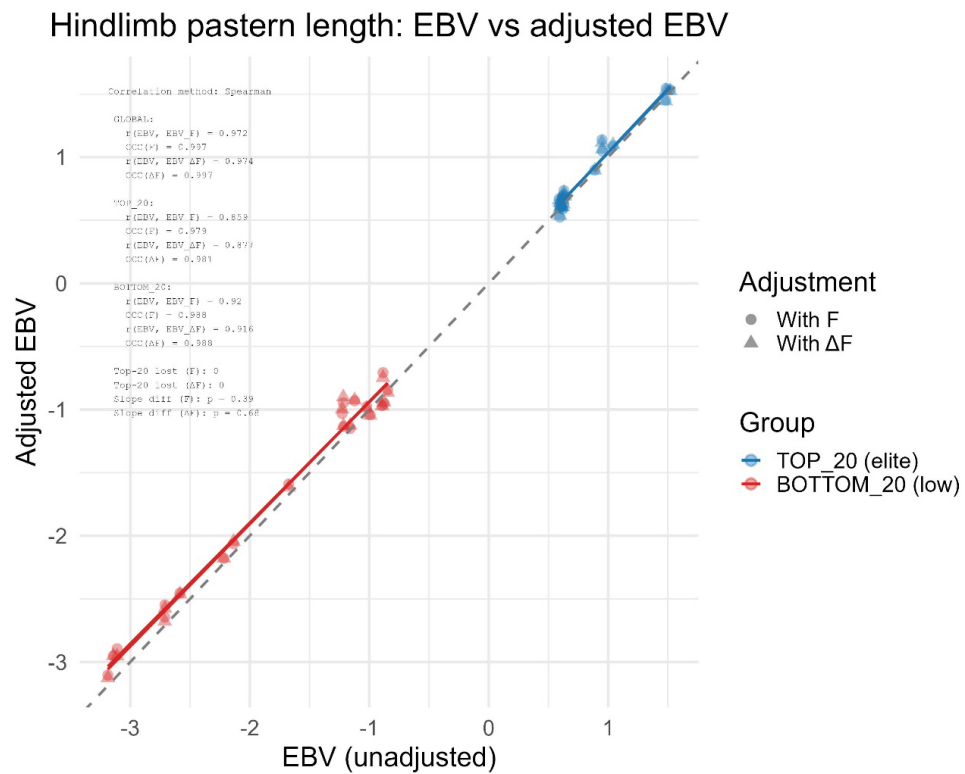
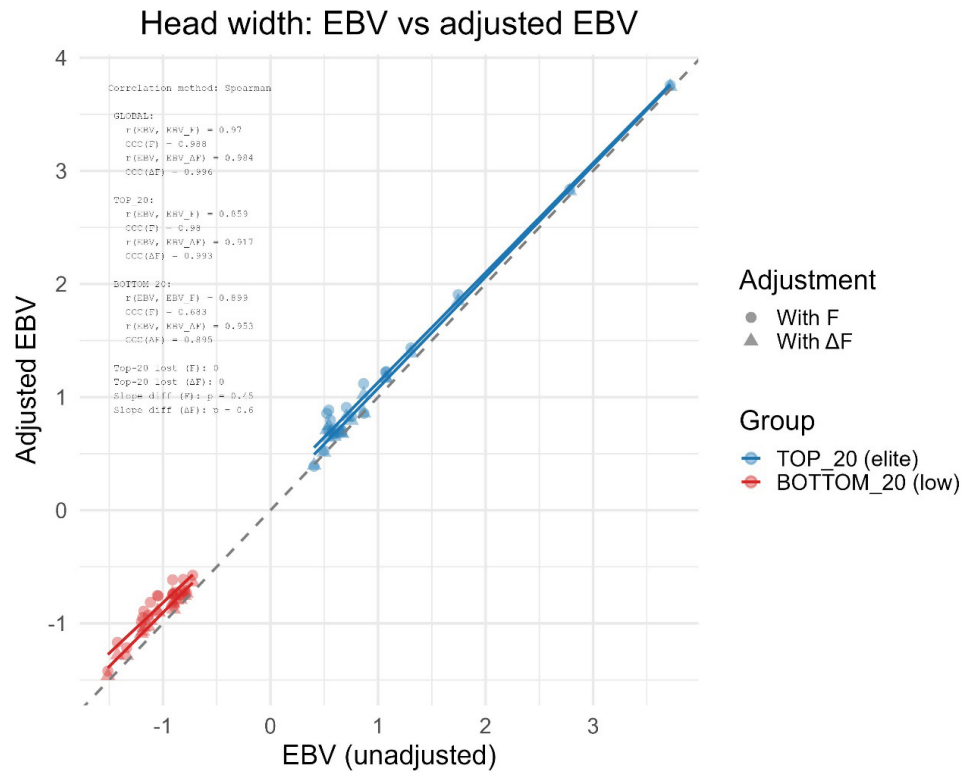
Forelimb pastern perimeter: EBV vs adjusted EBV



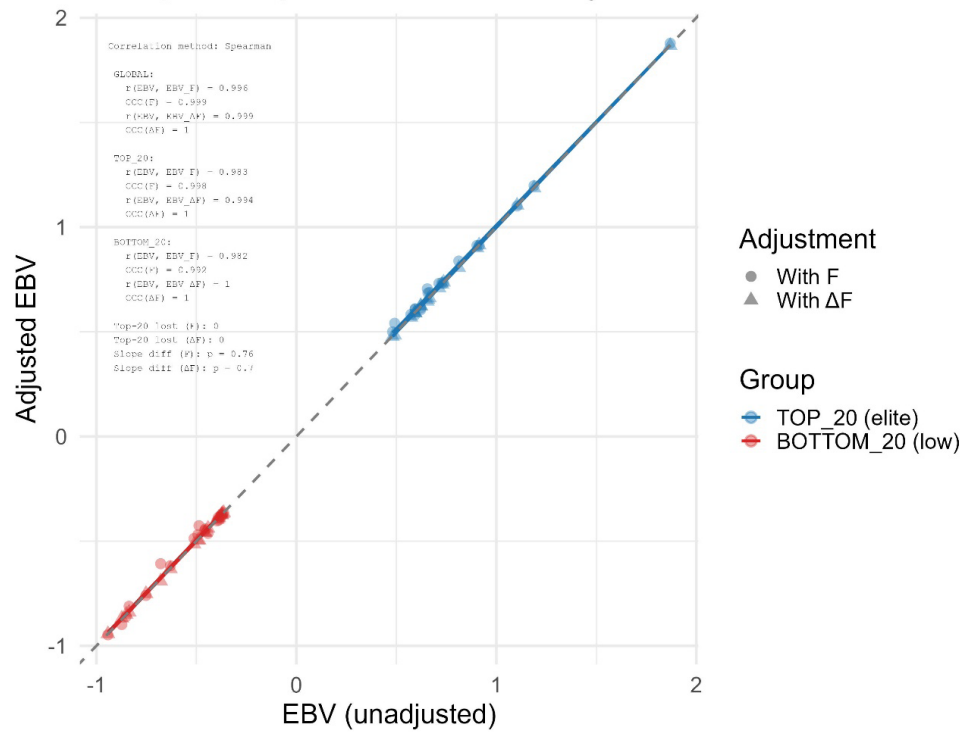
GTD: EBV vs adjusted EBV



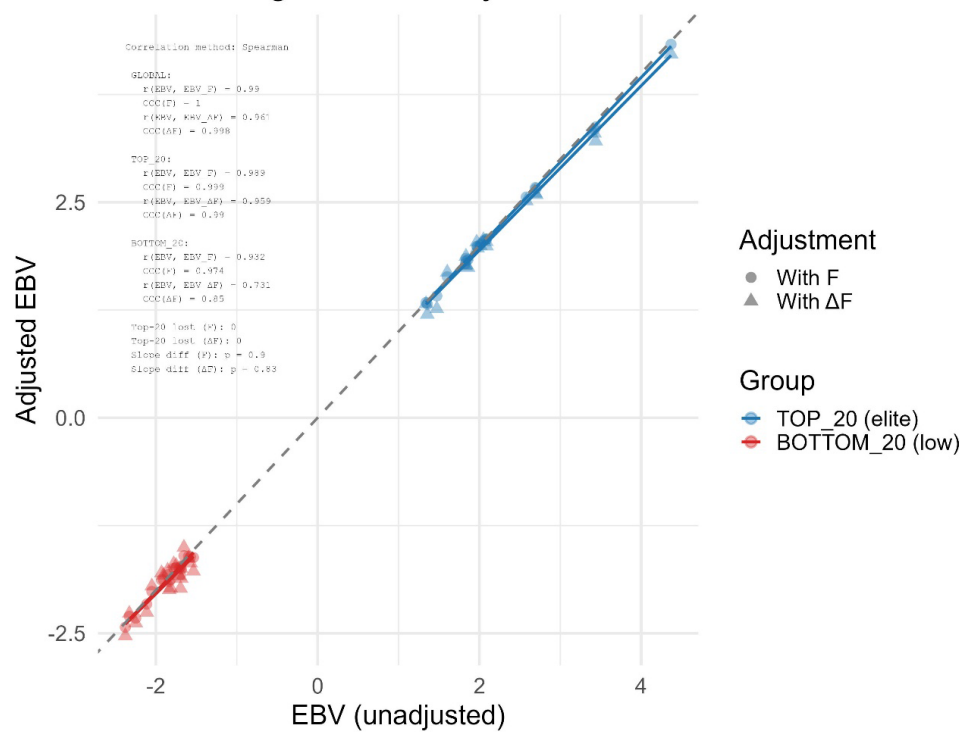




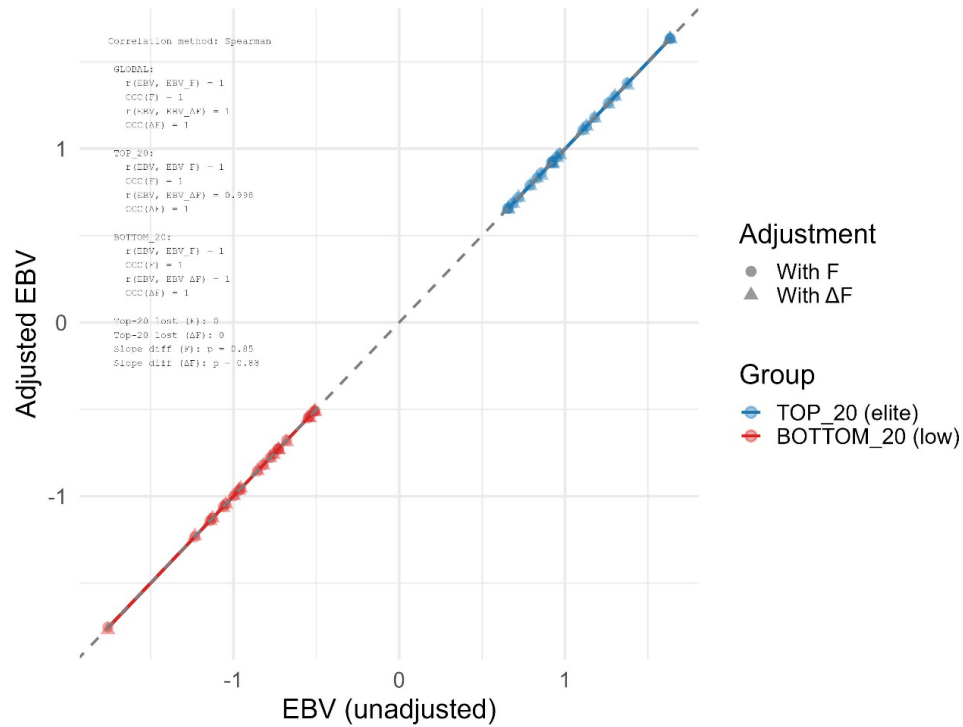
Hindlimb pastern perimeter: EBV vs adjusted EBV



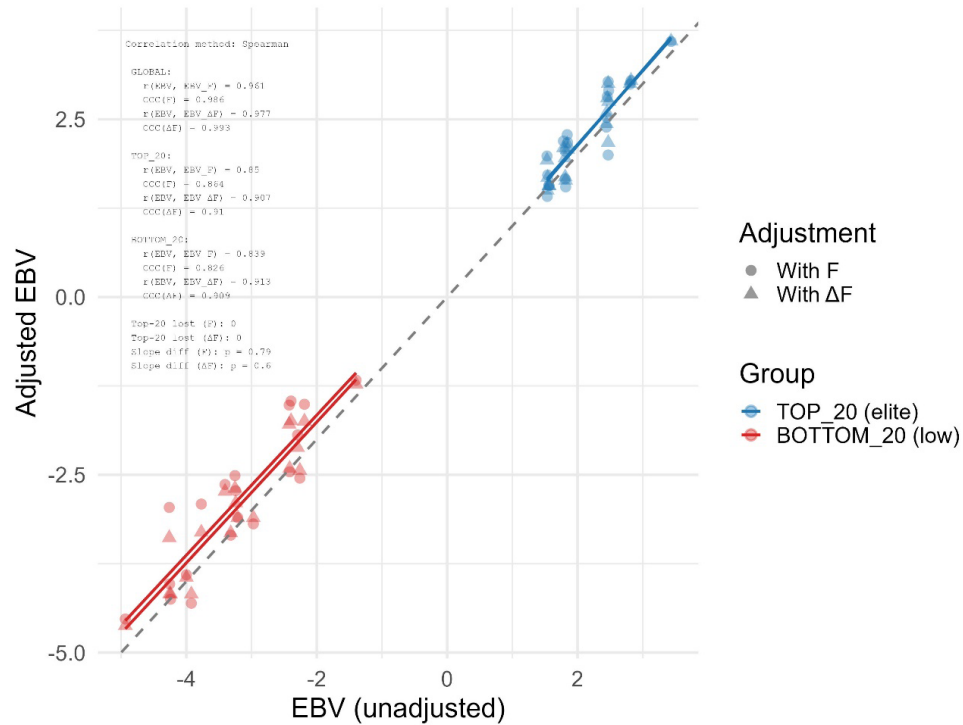
Hock angle: EBV vs adjusted EBV

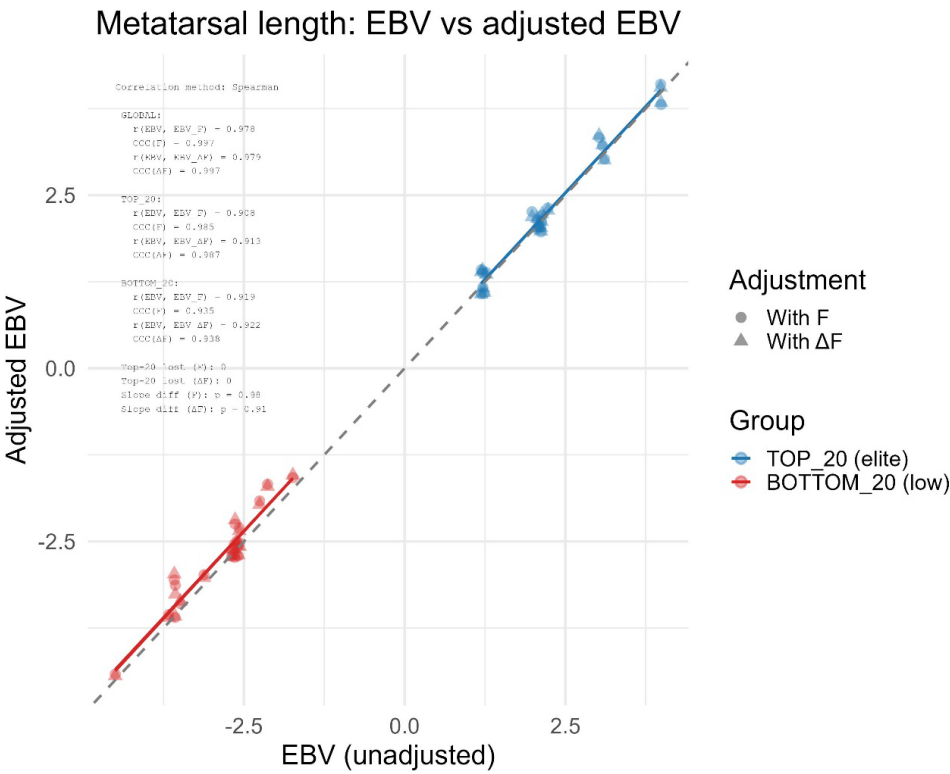
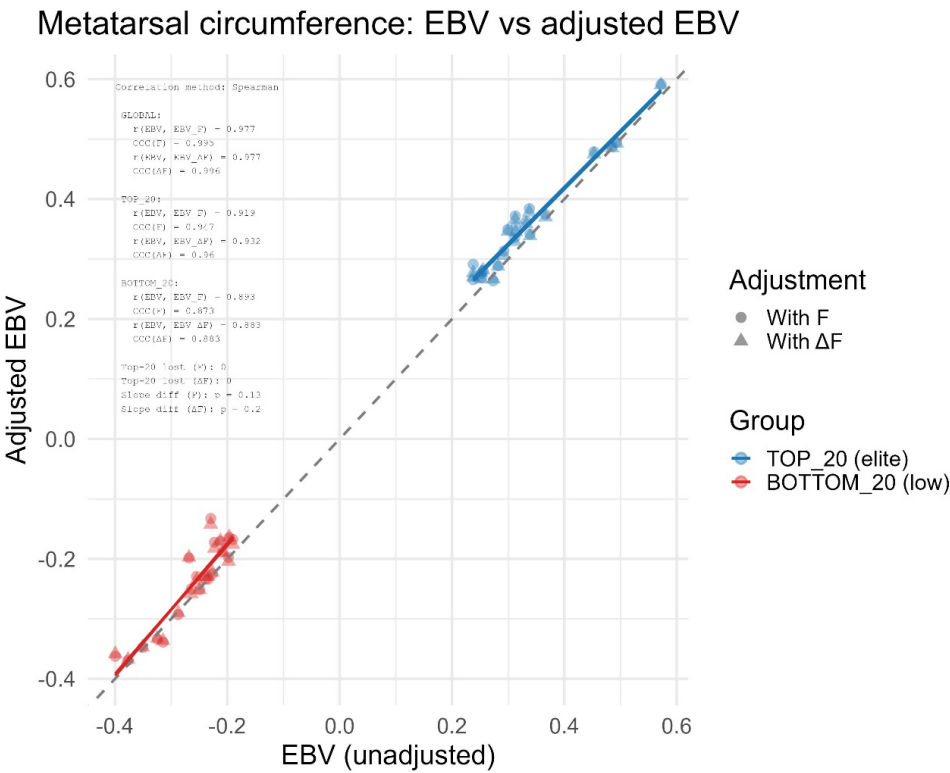


Metacarpal circumference: EBV vs adjusted EBV

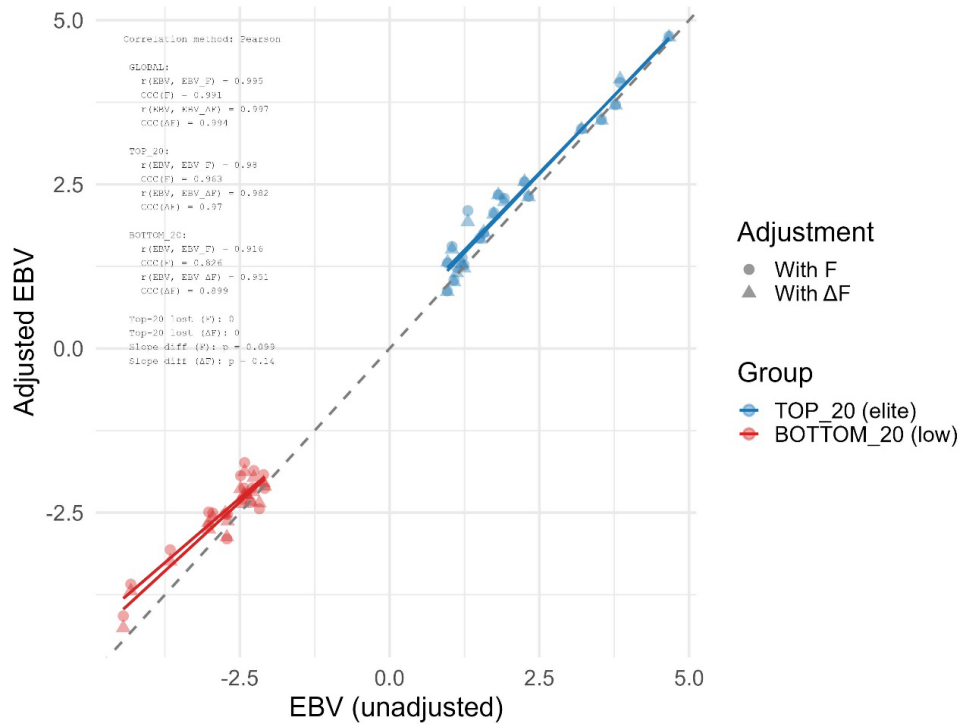


Metacarpal length: EBV vs adjusted EBV

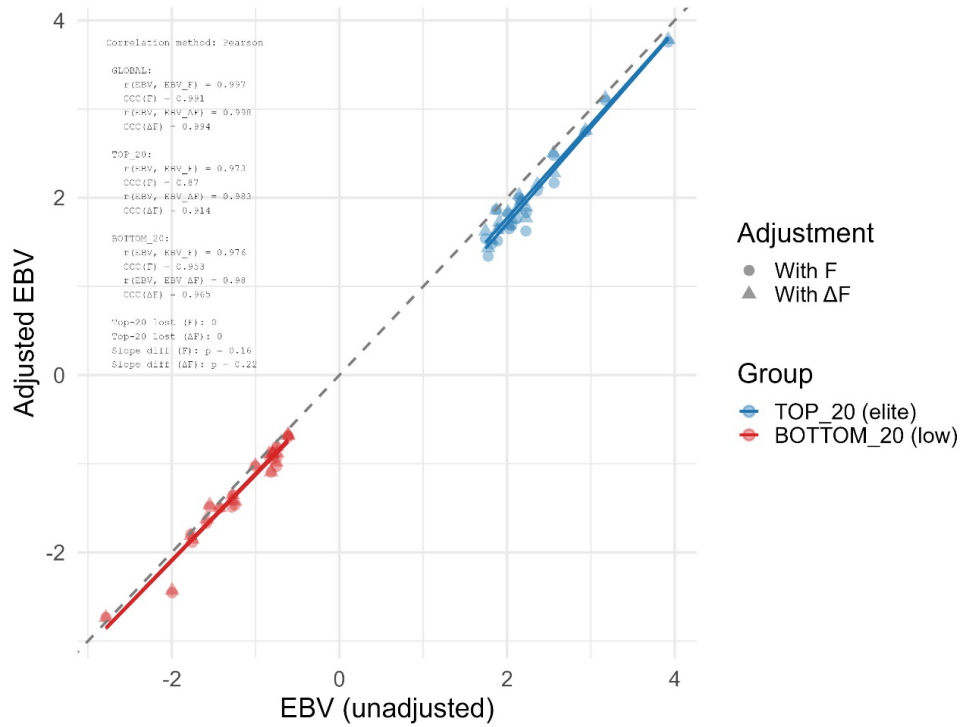


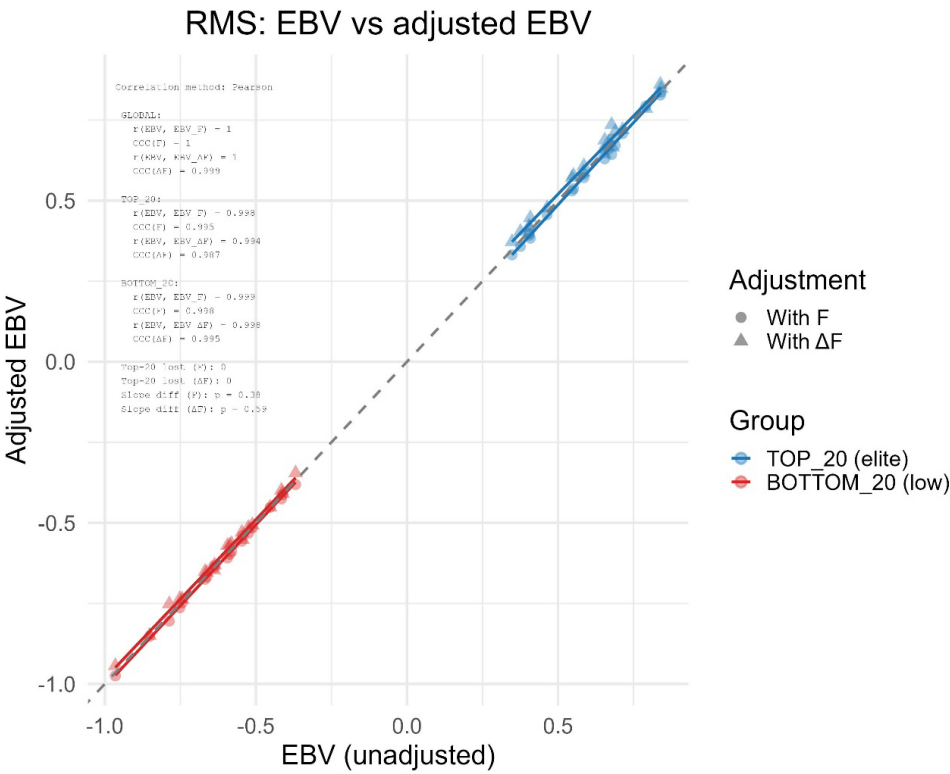
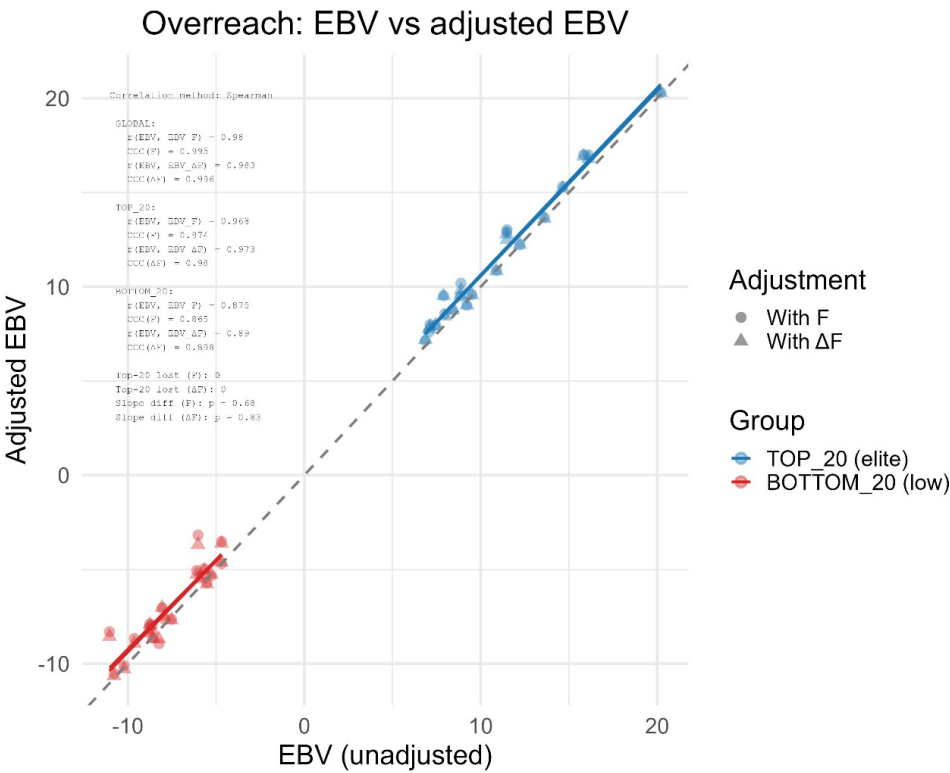


Mid dorsal height: EBV vs adjusted EBV

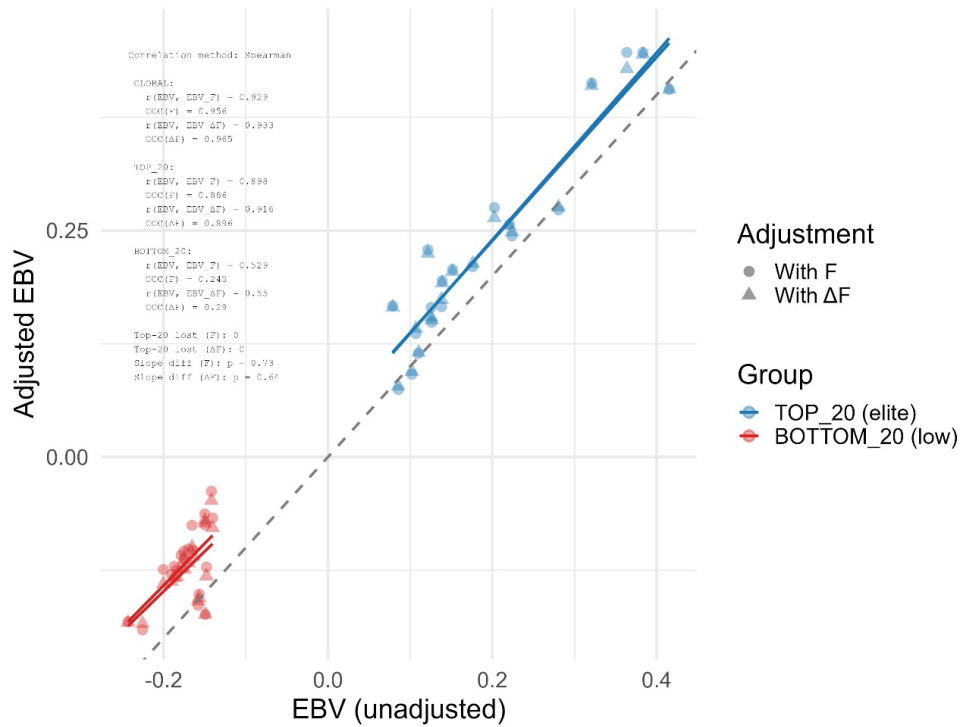


Neck length: EBV vs adjusted EBV

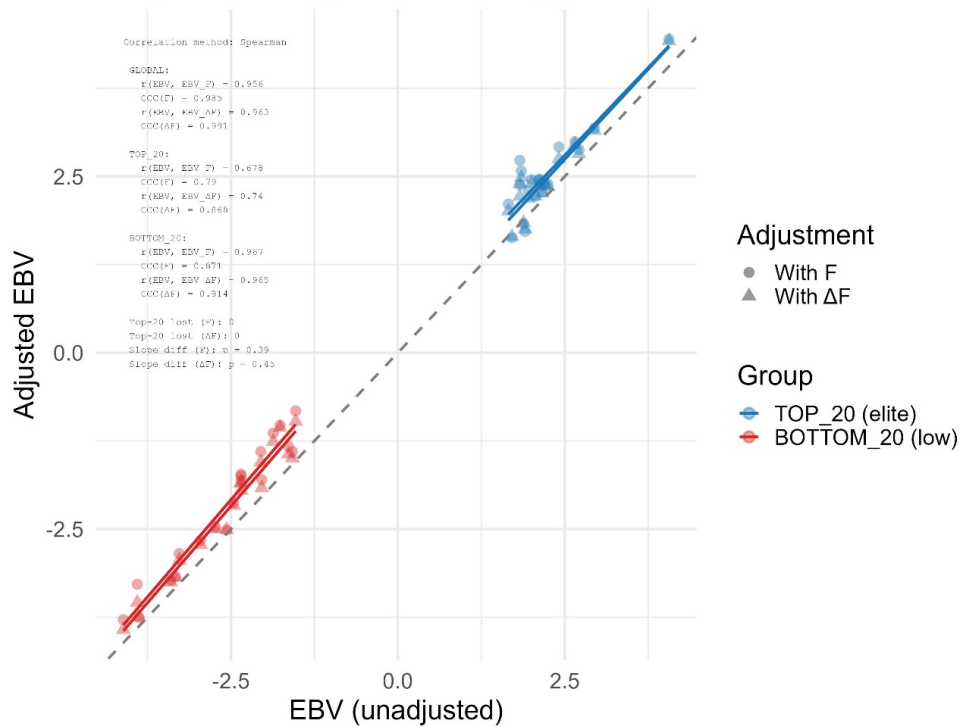


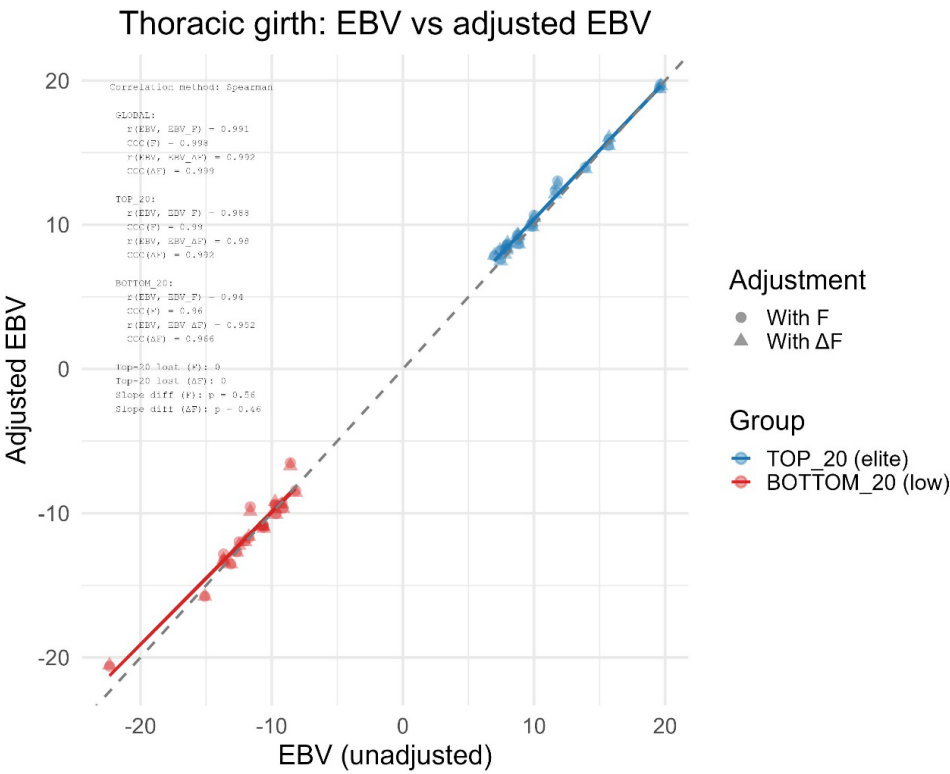
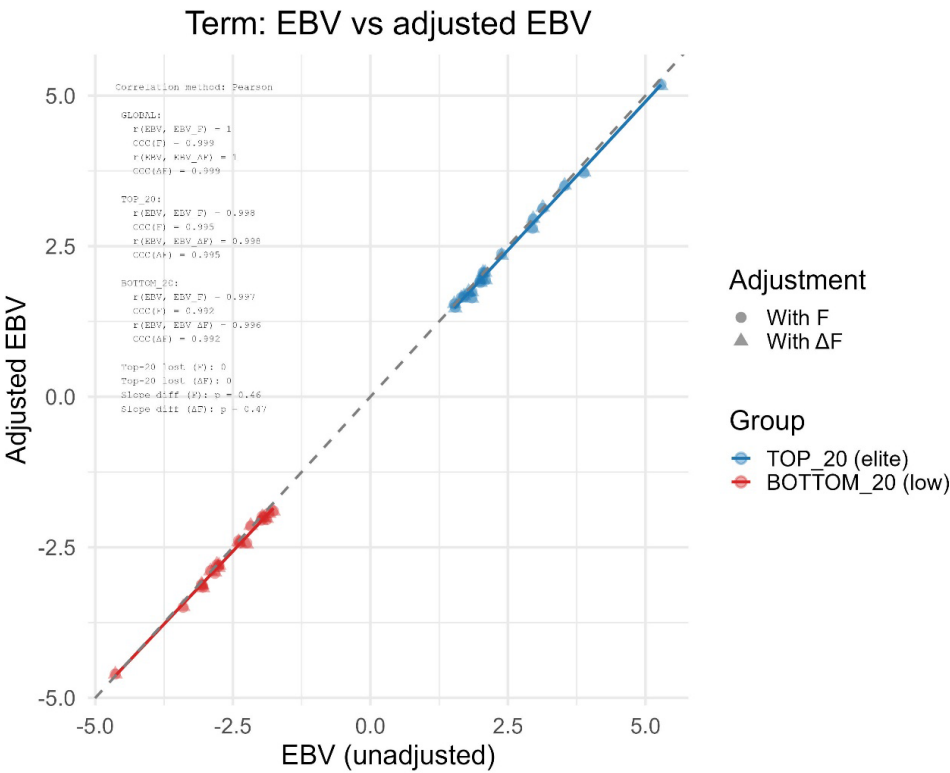


Scapulohumeral angle: EBV vs adjusted EBV

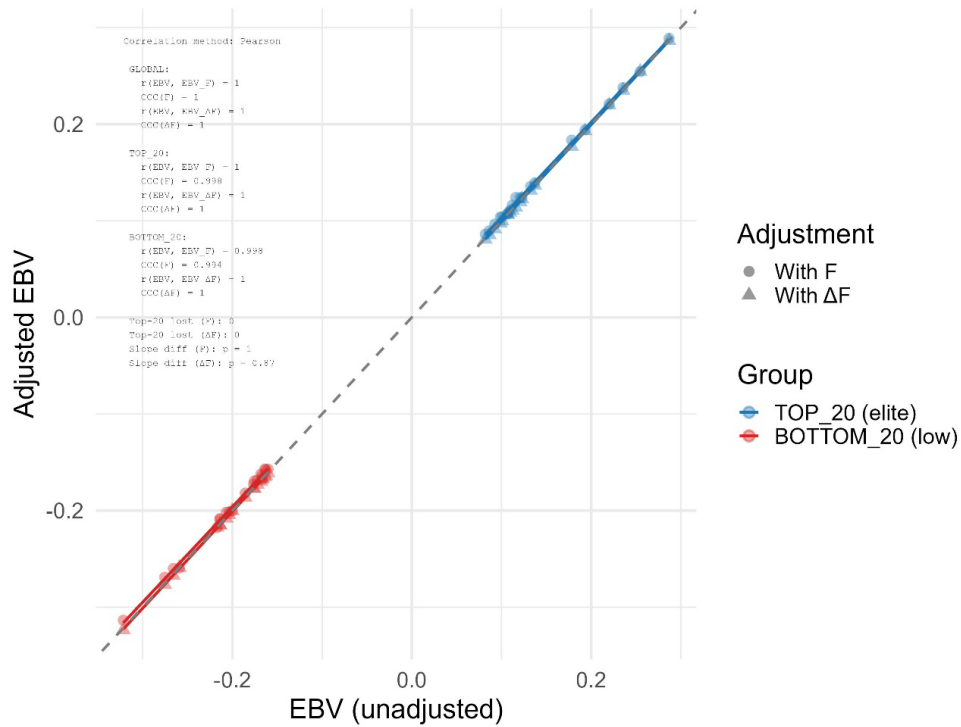


Sub pectoral height: EBV vs adjusted EBV





Upper arm length: EBV vs adjusted EBV



Withers height: EBV vs adjusted EBV

