

Results

IRI EC

Model Comparison

Models	P(M)	P(M data)	BF _M	Log(BF ₁₀)	R ²
mfq_hc + mfq_ar	0.250	0.881	22.184	0.000	0.393
mfq_hc	0.125	0.119	0.947	-1.308	0.382
Null model (incl. SEX.f, calc_ses, RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.250	6.638e-24	1.991e-23	-53.242	0.080
Null model (incl. SEX.f, calc_ses, RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.250	6.638e-24	1.991e-23	-53.242	0.080
mfq_ar	0.125	2.605e-24	1.824e-23	-53.485	0.084

Note. All models include SEX.f, calc_ses, RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5.

Posterior Summary

Posterior Summaries of Coefficients

Coefficient	Mean	SD	P(incl)	P(incl data)	Log(BF _{inclusion})	95% Credible Interval	
						Lower	Upper
Intercept	26.497	0.282	1.000	1.000	0.000	25.942	27.051
mfq_hc	0.638	0.054	0.375	1.000	53.008	0.532	0.744
mfq_ar	-0.094	0.042	0.375	0.881	2.512	-0.177	-0.011
SEX.f	0.377	0.568	1.000	1.000	0.000	-0.739	1.494
calc_ses	-0.320	0.183	1.000	1.000	0.000	-0.679	0.040
RACE.f_6	-0.373	1.775	1.000	1.000	0.000	-3.864	3.119
RACE.f_2	-0.178	1.036	1.000	1.000	0.000	-2.216	1.860
RACE.f_8	1.010	1.307	1.000	1.000	0.000	-1.561	3.581
RACE.f_4	-1.945	1.601	1.000	1.000	0.000	-5.095	1.205
RACE.f_3	2.959	4.954	1.000	1.000	0.000	-6.788	12.705
OCCUPATION.f_10	0.792	1.089	1.000	1.000	0.000	-1.351	2.935
OCCUPATION.f_2	-0.401	0.916	1.000	1.000	0.000	-2.202	1.401
OCCUPATION.f_3	-0.817	0.809	1.000	1.000	0.000	-2.409	0.775
OCCUPATION.f_11	0.401	0.891	1.000	1.000	0.000	-1.352	2.154
OCCUPATION.f_6	-0.270	1.495	1.000	1.000	0.000	-3.212	2.672
OCCUPATION.f_5	-2.359	1.515	1.000	1.000	0.000	-5.338	0.621
OCCUPATION.f_7	-0.189	2.501	1.000	1.000	0.000	-5.109	4.730

OCCUPATION.f_7	0.160	2.551	1.000	1.000	0.000	-3.160	1.760
OCCUPATION.f_8	-0.401	1.585	1.000	1.000	0.000	-3.520	2.717
OCCUPATION.f_9	4.153	2.860	1.000	1.000	0.000	-1.473	9.779
OCCUPATION.f_4	4.704	4.918	1.000	1.000	0.000	-4.971	14.379
political_2	-0.693	0.717	1.000	1.000	0.000	-2.104	0.719
political_6	-0.578	0.914	1.000	1.000	0.000	-2.376	1.219
political_4	-0.484	1.554	1.000	1.000	0.000	-3.541	2.572
political_5	2.577	2.590	1.000	1.000	0.000	-2.518	7.672

IRI PT

Model Comparison

Models	P(M)	P(M data)	BF _M	Log(BF ₁₀)	R ²
mfq_hc	0.500	1.000	1.406e+12	0.000	0.242
Null model (incl. RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.500	7.114e-13	7.114e-13	-27.972	0.054

Note. All models include RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5.

Posterior Summary

Posterior Summaries of Coefficients

Coefficient	Mean	SD	P(incl)	P(incl data)	Log(BF _{inclusion})	95% Credible Interval	
						Lower	Upper
Intercept	26.009	0.278	1.000	1.000	0.000	25.463	26.555
mfq_hc	0.418	0.052	0.500	1.000	27.972	0.316	0.519
RACE.f_6	-0.758	1.708	1.000	1.000	0.000	-4.119	2.603
RACE.f_2	0.904	0.989	1.000	1.000	0.000	-1.042	2.849
RACE.f_8	5.526e-4	1.251	1.000	1.000	0.000	-2.460	2.461
RACE.f_4	-2.376	1.528	1.000	1.000	0.000	-5.383	0.630
RACE.f_3	3.618	4.742	1.000	1.000	0.000	-5.711	12.947
OCCUPATION.f_10	0.892	1.033	1.000	1.000	0.000	-1.140	2.923
OCCUPATION.f_2	0.248	0.842	1.000	1.000	0.000	-1.408	1.904
OCCUPATION.f_3	0.823	0.767	1.000	1.000	0.000	-0.687	2.332
OCCUPATION.f_11	-0.663	0.845	1.000	1.000	0.000	-2.325	0.999
OCCUPATION.f_6	-0.929	1.411	1.000	1.000	0.000	-3.706	1.847
OCCUPATION.f_5	-0.089	1.433	1.000	1.000	0.000	-2.907	2.729
OCCUPATION.f_7	0.377	2.402	1.000	1.000	0.000	-4.349	5.102
OCCUPATION.f_8	0.351	1.523	1.000	1.000	0.000	-2.646	3.348
OCCUPATION.f_9	2.087	2.748	1.000	1.000	0.000	-3.318	7.492
OCCUPATION.f_4	2.987	4.712	1.000	1.000	0.000	-6.282	12.256

political_2	-0.704	0.687	1.000	1.000	0.000	-2.056	0.647
political_6	-0.154	0.878	1.000	1.000	0.000	-1.881	1.573
political_4	0.604	1.491	1.000	1.000	0.000	-2.329	3.536
political_5	0.539	2.483	1.000	1.000	0.000	-4.346	5.425

IRI PD

Model Comparison

Models	P(M)	P(M data)	BF _M	Log(BF ₁₀)	R ²
mfq_igl	0.500	0.975	38.245	0.000	0.077
Null model (incl. RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.500	0.025	0.026	-3.644	0.043

Note. All models include RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5.

Posterior Summary

Posterior Summaries of Coefficients

Coefficient	Mean	SD	P(incl)	P(incl data)	Log(BF _{inclusion})	95% Credible Interval	
						Lower	Upper
Intercept	17.942	0.369	1.000	1.000	0.000	17.215	18.669
mfq_igl	0.160	0.055	0.500	0.975	3.644	0.053	0.268
RACE.f_6	-0.380	2.154	1.000	1.000	0.000	-4.616	3.857
RACE.f_2	0.710	1.247	1.000	1.000	0.000	-1.743	3.163
RACE.f_8	2.275	1.587	1.000	1.000	0.000	-0.846	5.397
RACE.f_4	1.613	1.931	1.000	1.000	0.000	-2.186	5.411
RACE.f_3	-1.164	6.005	1.000	1.000	0.000	-12.977	10.649
OCCUPATION.f_10	1.057	1.301	1.000	1.000	0.000	-1.503	3.617
OCCUPATION.f_2	-0.814	1.064	1.000	1.000	0.000	-2.907	1.279
OCCUPATION.f_3	-1.187	0.970	1.000	1.000	0.000	-3.095	0.722
OCCUPATION.f_11	-0.381	1.062	1.000	1.000	0.000	-2.471	1.708
OCCUPATION.f_6	-0.481	1.794	1.000	1.000	0.000	-4.011	3.048
OCCUPATION.f_5	-1.442	1.822	1.000	1.000	0.000	-5.027	2.143
OCCUPATION.f_7	-1.300	3.036	1.000	1.000	0.000	-7.273	4.673
OCCUPATION.f_8	-0.054	1.904	1.000	1.000	0.000	-3.800	3.693
OCCUPATION.f_9	2.558	3.469	1.000	1.000	0.000	-4.266	9.383
OCCUPATION.f_4	-6.997	5.945	1.000	1.000	0.000	-18.693	4.698
political_2	0.116	0.867	1.000	1.000	0.000	-1.589	1.821
political_6	1.237	1.109	1.000	1.000	0.000	-0.943	3.418
political_4	1.668	1.884	1.000	1.000	0.000	-2.039	5.375
political_5	0.127	3.134	1.000	1.000	0.000	-6.039	6.292

IRI FS

Model Comparison

Models	P(M)	P(M data)	BF _M	Log(BF ₁₀)	R ²
mfq_hc + mfq_igl + mfq_ps	0.250	0.876	21.109	0.000	0.224
mfq_hc + mfq_ps	0.083	0.079	0.940	-1.310	0.210
mfq_hc	0.083	0.032	0.369	-2.197	0.199
mfq_hc + mfq_igl	0.083	0.013	0.148	-3.090	0.200
mfq_igl + mfq_ps	0.083	3.779e-8	4.157e-7	-15.860	0.117
Null model (incl. RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.250	7.075e-9	2.122e-8	-18.634	0.086
mfq_ps	0.083	2.261e-9	2.487e-8	-18.676	0.091
mfq_igl	0.083	2.111e-9	2.322e-8	-18.745	0.090

Note. All models include RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5.

Posterior Summary

Posterior Summaries of Coefficients

Coefficient	Mean	SD	P(incl)	P(incl data)	Log(BF _{inclusion})	95% Credible Interval	
						Lower	Upper
Intercept	24.122	0.313	1.000	1.000	0.000	23.506	24.737
mfq_hc	0.347	0.058	0.500	1.000	16.827	0.232	0.461
mfq_igl	0.137	0.065	0.500	0.889	2.079	0.009	0.266
mfq_ps	-0.133	0.047	0.500	0.954	3.038	-0.226	-0.040
RACE.f_6	-1.685	1.903	1.000	1.000	0.000	-5.428	2.058
RACE.f_2	0.948	1.105	1.000	1.000	0.000	-1.225	3.121
RACE.f_8	0.163	1.400	1.000	1.000	0.000	-2.590	2.916
RACE.f_4	-1.090	1.710	1.000	1.000	0.000	-4.454	2.274
RACE.f_3	-6.368	5.342	1.000	1.000	0.000	-16.878	4.142
OCCUPATION.f_10	0.910	1.152	1.000	1.000	0.000	-1.356	3.176
OCCUPATION.f_2	0.225	0.941	1.000	1.000	0.000	-1.626	2.076
OCCUPATION.f_3	-1.542	0.856	1.000	1.000	0.000	-3.227	0.143
OCCUPATION.f_11	-2.387	0.941	1.000	1.000	0.000	-4.238	-0.536
OCCUPATION.f_6	-1.859	1.589	1.000	1.000	0.000	-4.986	1.268
OCCUPATION.f_5	1.471	1.611	1.000	1.000	0.000	-1.697	4.640
OCCUPATION.f_7	-1.738	2.680	1.000	1.000	0.000	-7.010	3.535
OCCUPATION.f_8	-1.630	1.699	1.000	1.000	0.000	-4.971	1.712
OCCUPATION.f_9	3.275	3.061	1.000	1.000	0.000	-2.748	9.297
OCCUPATION.f_4	-9.944	5.252	1.000	1.000	0.000	-20.275	0.388
political_2	1.014	0.765	1.000	1.000	0.000	-0.491	2.519
political_6	0.019	0.978	1.000	1.000	0.000	-1.904	1.942
political_4	-2.196	1.664	1.000	1.000	0.000	-5.469	1.076

political_5

2.398

2.767

1.000

1.000

0.000

-3.045

7.842

MIS INT

Model Comparison

Models	P(M)	P(M data)	BF _M	Log(BF ₁₀)	R ²
mfq_hc + mfq_igl	0.333	1.000	41152.555	0.000	0.276
mfq_hc	0.167	4.860e -5	2.430e -4	-9.239	0.219
mfq_igl	0.167	3.316e -14	1.658e -13	-30.344	0.081
Null model (incl. RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.333	2.836e -15	5.672e -15	-33.496	0.052

Note. All models include RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5.

Posterior Summary

Posterior Summaries of Coefficients

Coefficient	Mean	SD	P(incl)	P(incl data)	Log(BF _{inclusion})	95% Credible Interval	
						Lower	Upper
Intercept	21.369	0.184	1.000	1.000	0.000	21.007	21.731
mfq_hc	0.295	0.035	0.500	1.000	30.955	0.227	0.364
mfq_igl	-0.134	0.029	0.500	1.000	9.932	-0.191	-0.077
RACE.f_6	-1.275	1.138	1.000	1.000	0.000	-3.515	0.964
RACE.f_2	-0.216	0.659	1.000	1.000	0.000	-1.513	1.080
RACE.f_8	-0.615	0.838	1.000	1.000	0.000	-2.263	1.033
RACE.f_4	0.237	1.019	1.000	1.000	0.000	-1.767	2.242
RACE.f_3	2.885	3.176	1.000	1.000	0.000	-3.363	9.132
OCCUPATION.f_10	1.335	0.689	1.000	1.000	0.000	-0.020	2.690
OCCUPATION.f_2	0.923	0.562	1.000	1.000	0.000	-0.183	2.029
OCCUPATION.f_3	-0.066	0.512	1.000	1.000	0.000	-1.073	0.941
OCCUPATION.f_11	0.016	0.563	1.000	1.000	0.000	-1.092	1.124
OCCUPATION.f_6	0.613	0.948	1.000	1.000	0.000	-1.251	2.477
OCCUPATION.f_5	-1.093	0.964	1.000	1.000	0.000	-2.988	0.803
OCCUPATION.f_7	-0.191	1.602	1.000	1.000	0.000	-3.343	2.962
OCCUPATION.f_8	-0.392	1.016	1.000	1.000	0.000	-2.391	1.608
OCCUPATION.f_9	0.050	1.831	1.000	1.000	0.000	-3.552	3.653
OCCUPATION.f_4	1.774	3.141	1.000	1.000	0.000	-4.406	7.954
political_2	0.053	0.458	1.000	1.000	0.000	-0.848	0.954
political_6	-0.665	0.585	1.000	1.000	0.000	-1.816	0.485
political_4	0.622	0.994	1.000	1.000	0.000	-1.334	2.578
political_5	1.165	1.655	1.000	1.000	0.000	-2.092	4.421

MIS SYM

Model Comparison

Models	P(M)	P(M data)	BF _M	Log(BF ₁₀)	R ²
mfq_hc + mfq_igl + mfq_ps	0.250	0.766	9.823	0.000	0.193
mfq_hc + mfq_igl	0.083	0.108	1.336	-0.857	0.182
mfq_igl + mfq_ps	0.083	0.083	0.992	-1.127	0.181
mfq_igl	0.083	0.039	0.442	-1.889	0.170
mfq_hc + mfq_ps	0.083	0.004	0.042	-4.212	0.161
mfq_ps	0.083	5.069e-4	0.006	-6.222	0.142
mfq_hc	0.083	2.154e-8	2.369e-7	-16.288	0.071
Null model (incl. RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5)	0.250	3.736e-9	1.121e-8	-19.139	0.044

Note. All models include RACE.f_6, RACE.f_2, RACE.f_8, RACE.f_4, RACE.f_3, OCCUPATION.f_10, OCCUPATION.f_2, OCCUPATION.f_3, OCCUPATION.f_11, OCCUPATION.f_6, OCCUPATION.f_5, OCCUPATION.f_7, OCCUPATION.f_8, OCCUPATION.f_9, OCCUPATION.f_4, political_2, political_6, political_4, political_5.

Posterior Summary

Posterior Summaries of Coefficients

Coefficient	Mean	SD	P(incl)	P(incl data)	Log(BF _{inclusion})	95% Credible Interval	
						Lower	Upper
Intercept	16.576	0.332	1.000	1.000	0.000	15.923	17.229
mfq_hc	0.122	0.061	0.500	0.878	1.975	0.001	0.242
mfq_igl	0.218	0.069	0.500	0.996	5.447	0.083	0.353
mfq_ps	0.092	0.050	0.500	0.853	1.759	-0.006	0.189
RACE.f_6	0.552	2.000	1.000	1.000	0.000	-3.384	4.487
RACE.f_2	1.728	1.161	1.000	1.000	0.000	-0.557	4.012
RACE.f_8	1.991	1.471	1.000	1.000	0.000	-0.904	4.885
RACE.f_4	-0.882	1.798	1.000	1.000	0.000	-4.419	2.655
RACE.f_3	2.180	5.617	1.000	1.000	0.000	-8.870	13.229
OCCUPATION.f_10	-0.261	1.211	1.000	1.000	0.000	-2.643	2.122
OCCUPATION.f_2	-0.882	0.989	1.000	1.000	0.000	-2.828	1.064
OCCUPATION.f_3	-0.688	0.900	1.000	1.000	0.000	-2.459	1.083
OCCUPATION.f_11	-1.650	0.989	1.000	1.000	0.000	-3.596	0.295
OCCUPATION.f_6	-0.889	1.671	1.000	1.000	0.000	-4.176	2.398
OCCUPATION.f_5	-1.162	1.693	1.000	1.000	0.000	-4.493	2.169
OCCUPATION.f_7	-0.212	2.818	1.000	1.000	0.000	-5.755	5.331
OCCUPATION.f_8	-1.339	1.786	1.000	1.000	0.000	-4.852	2.175
OCCUPATION.f_9	-0.050	3.218	1.000	1.000	0.000	-6.381	6.282
OCCUPATION.f_4	3.570	5.521	1.000	1.000	0.000	-7.293	14.432
political_2	-0.933	0.804	1.000	1.000	0.000	-2.515	0.649
political_6	-0.889	1.028	1.000	1.000	0.000	-2.911	1.133

political_4	0.371	1.749	1.000	1.000	0.000	-3.070	3.811
political_5	-1.134	2.909	1.000	1.000	0.000	-6.857	4.589
