

Supplementary Table 1:

Root mean squared error (RMSE) in the cross validation and Bayesian information criterion of all possible models (combinations of predictors). The first eight rows indicate if a predictor was (1) or was not (0) part of the respective model. The last two rows show RMSE and BIC of the model. It can be seen that the model with fertility rate, unemployment rate, LGB inclusiveness and religiosity performs best in both measures (printed bold). This is also confirmed by classical backward elimination of predictors (see main text).

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
0	0	0	0	0	0	0	0	3,6243792414	185,5466253202
1	0	0	0	0	0	0	0	3,5921051972	185,8163818397
0	1	0	0	0	0	0	0	3,5862043414	186,8228189386
1	1	0	0	0	0	0	0	3,5159369904	186,0015698604
0	0	1	0	0	0	0	0	3,3733294938	182,6502726262
1	0	1	0	0	0	0	0	3,0823672484	178,028551471
0	1	1	0	0	0	0	0	3,4713526202	185,8195086374
1	1	1	0	0	0	0	0	3,1702666227	181,0082443443
0	0	0	1	0	0	0	0	3,7555148525	188,3517493308
1	0	0	1	0	0	0	0	3,7317794758	188,8271662339
0	1	0	1	0	0	0	0	3,4681825701	184,9191821642
1	1	0	1	0	0	0	0	3,4609162897	183,6121579097
0	0	1	1	0	0	0	0	3,4361606342	184,401952736
1	0	1	1	0	0	0	0	3,1355786542	179,8255740695
0	1	1	1	0	0	0	0	3,4218490613	184,5971436774
1	1	1	1	0	0	0	0	3,1618666825	179,3303365353
0	0	0	0	1	0	0	0	3,4305765574	183,5306925663
1	0	0	0	1	0	0	0	3,3520502858	183,1544776275
0	1	0	0	1	0	0	0	3,5021353483	187,0347151639
1	1	0	0	1	0	0	0	3,4177228754	186,4630642163
0	0	1	0	1	0	0	0	3,3407354107	183,3633050678
1	0	1	0	1	0	0	0	3,061991722	178,9995227069
0	1	1	0	1	0	0	0	3,4242435697	186,7631365912
1	1	1	0	1	0	0	0	3,1466334575	182,5058527366
0	0	0	1	1	0	0	0	3,2438110389	179,9082458629
1	0	0	1	1	0	0	0	3,1802582067	179,8693912103
0	1	0	1	1	0	0	0	3,2346257702	181,0788989708
1	1	0	1	1	0	0	0	3,1843697307	179,8963798396
0	0	1	1	1	0	0	0	3,1514638312	179,4970370439

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	0	1	1	1	0	0	0	2,8912009573	175,3934982538
0	1	1	1	1	0	0	0	3,2218737583	181,9633399525
1	1	1	1	1	0	0	0	2,9824783051	177,3488560735
0	0	0	0	0	1	0	0	3,691529316	188,8413562022
1	0	0	0	0	1	0	0	3,6771932206	189,1811166924
0	1	0	0	0	1	0	0	3,6345805754	190,3300491069
1	1	0	0	0	1	0	0	3,5670044309	189,3678026957
0	0	1	0	0	1	0	0	3,4567248629	186,1711813366
1	0	1	0	0	1	0	0	3,1536000018	181,3531823795
0	1	1	0	0	1	0	0	3,5357496237	189,2511284077
1	1	1	0	0	1	0	0	3,2190862111	183,9329847208
0	0	0	1	0	1	0	0	3,8558948347	190,4682301498
1	0	0	1	0	1	0	0	3,8652058639	191,3373661813
0	1	0	1	0	1	0	0	3,4915215072	187,388816014
1	1	0	1	0	1	0	0	3,5040661821	186,5269245989
0	0	1	1	0	1	0	0	3,549417747	187,2707032854
1	0	1	1	0	1	0	0	3,2575066834	183,2241340072
0	1	1	1	0	1	0	0	3,4729638386	187,5033929633
1	1	1	1	0	1	0	0	3,2226596164	182,7575430844
0	0	0	0	1	1	0	0	3,4816005174	186,9719893866
1	0	0	0	1	1	0	0	3,4129378387	186,4939285636
0	1	0	0	1	1	0	0	3,5491665683	190,4399558422
1	1	0	0	1	1	0	0	3,4685668962	189,6310233559
0	0	1	0	1	1	0	0	3,3975005731	186,5781080128
1	0	1	0	1	1	0	0	3,1033589146	181,667342921
0	1	1	0	1	1	0	0	3,4850676167	190,0565529155
1	1	1	0	1	1	0	0	3,1977912063	185,1807218945
0	0	0	1	1	1	0	0	3,3068356242	181,9086433604
1	0	0	1	1	1	0	0	3,2840963729	182,2903771658
0	1	0	1	1	1	0	0	3,2624476142	183,313156592
1	1	0	1	1	1	0	0	3,237974872	182,6118924015
0	0	1	1	1	1	0	0	3,2235439048	182,0991882458
1	0	1	1	1	1	0	0	2,993183345	178,6417175316
0	1	1	1	1	1	0	0	3,2648367377	184,6178151248

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	1	1	1	1	1	0	0	3,0486596456	180,6460935441
0	0	0	0	0	0	1	0	3,4728368666	184,4581883976
1	0	0	0	0	0	1	0	3,5299580288	186,6213899479
0	1	0	0	0	0	1	0	3,5014352998	186,9822234305
1	1	0	0	0	0	1	0	3,523026139	188,2718785981
0	0	1	0	0	0	1	0	3,29228606	182,1646075271
1	0	1	0	0	0	1	0	3,1137548327	180,4823603829
0	1	1	0	0	0	1	0	3,3839382891	185,6769199157
1	1	1	0	0	0	1	0	3,2058723453	183,7872750134
0	0	0	1	0	0	1	0	3,4724531318	184,1114636689
1	0	0	1	0	0	1	0	3,5857669066	187,1499028612
0	1	0	1	0	0	1	0	3,1915997182	179,9543280504
1	1	0	1	0	0	1	0	3,3658773469	182,1434492297
0	0	1	1	0	0	1	0	3,2144281371	179,7201106898
1	0	1	1	0	0	1	0	3,0921046243	179,8302572638
0	1	1	1	0	0	1	0	3,1498279516	179,3988802227
1	1	1	1	0	0	1	0	3,110838424	179,1109582707
0	0	0	0	1	0	1	0	3,4830012143	186,1767724649
1	0	0	0	1	0	1	0	3,425485868	186,679028624
0	1	0	0	1	0	1	0	3,5452640276	189,615394705
1	1	0	0	1	0	1	0	3,4896771392	189,9820468246
0	0	1	0	1	0	1	0	3,3564780557	185,3376169893
1	0	1	0	1	0	1	0	3,1231759737	182,5248257349
0	1	1	0	1	0	1	0	3,4371997205	188,8202509257
1	1	1	0	1	0	1	0	3,2085500008	186,0318473354
0	0	0	1	1	0	1	0	3,2848293071	181,6273457444
1	0	0	1	1	0	1	0	3,2747987759	183,1168510907
0	1	0	1	1	0	1	0	3,1973584813	181,4046701219
1	1	0	1	1	0	1	0	3,2679550592	182,5653056268
0	0	1	1	1	0	1	0	3,1484693947	180,1712905097
1	0	1	1	1	0	1	0	2,9568307002	178,6361103687
0	1	1	1	1	0	1	0	3,1580500977	181,6313092027
1	1	1	1	1	0	1	0	3,0413136272	180,2144847958
0	0	0	0	0	1	1	0	3,5380187231	187,9349478078

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	0	0	0	0	1	1	0	3,6009316269	190,1272195983
0	1	0	0	0	1	1	0	3,5468465825	190,126009439
1	1	0	0	0	1	1	0	3,5694653481	191,3547786651
0	0	1	0	0	1	1	0	3,3461655968	185,1291187026
1	0	1	0	0	1	1	0	3,1620364779	183,3870937501
0	1	1	0	0	1	1	0	3,4309939702	188,5223425782
1	1	1	0	0	1	1	0	3,244818925	186,3445288024
0	0	0	1	0	1	1	0	3,5705843425	186,7979958879
1	0	0	1	0	1	1	0	3,7054699301	189,9216758067
0	1	0	1	0	1	1	0	3,2358027573	182,9232481117
1	1	0	1	0	1	1	0	3,4207803455	185,2412307379
0	0	1	1	0	1	1	0	3,3054010197	182,9689229429
1	0	1	1	0	1	1	0	3,1970794559	183,2744342515
0	1	1	1	0	1	1	0	3,1996363265	182,6786750417
1	1	1	1	0	1	1	0	3,1682477981	182,5789621863
0	0	0	0	1	1	1	0	3,5453829128	189,4907385088
1	0	0	0	1	1	1	0	3,4927331074	190,0076195282
0	1	0	0	1	1	1	0	3,5939043374	192,7994606872
1	1	0	0	1	1	1	0	3,5426597705	193,1144761423
0	0	1	0	1	1	1	0	3,4085520934	188,1888337615
1	0	1	0	1	1	1	0	3,1644335389	185,1599609856
0	1	1	0	1	1	1	0	3,484530153	191,714278502
1	1	1	0	1	1	1	0	3,2551725753	188,6660748267
0	0	0	1	1	1	1	0	3,3762180536	183,9695181269
1	0	0	1	1	1	1	0	3,3998000082	185,6155443984
0	1	0	1	1	1	1	0	3,2481406173	184,1146207925
1	1	0	1	1	1	1	0	3,3367293225	185,4260395857
0	0	1	1	1	1	1	0	3,235756354	183,1615512561
1	0	1	1	1	1	1	0	3,0690045111	181,9250030516
0	1	1	1	1	1	1	0	3,2109900442	184,7377828579
1	1	1	1	1	1	1	0	3,114100875	183,5738745601
0	0	0	0	0	0	0	1	3,6886852988	188,6108002996
1	0	0	0	0	0	0	1	3,6580786436	188,930392015
0	1	0	0	0	0	0	1	3,7035856823	190,3444541876

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	1	0	0	0	0	0	1	3,6577645032	189,4241764207
0	0	1	0	0	0	0	1	3,4919675558	186,1699546337
1	0	1	0	0	0	0	1	3,195318303	181,4984638142
0	1	1	0	0	0	0	1	3,6000387994	189,3023179443
1	1	1	0	0	0	0	1	3,309322009	184,1144240566
0	0	0	1	0	0	0	1	3,6757550114	189,2071797342
1	0	0	1	0	0	0	1	3,6640395647	190,158740137
0	1	0	1	0	0	0	1	3,4417650394	186,7548960405
1	1	0	1	0	0	0	1	3,4358396983	186,0057187123
0	0	1	1	0	0	0	1	3,457454775	186,4409513864
1	0	1	1	0	0	0	1	3,1718501109	182,7066076676
0	1	1	1	0	0	0	1	3,4380565871	186,9683706621
1	1	1	1	0	0	0	1	3,1872987713	182,4624813982
0	0	0	0	1	0	0	1	3,645565258	187,0552989476
1	0	0	0	1	0	0	1	3,6181483853	186,6793029369
0	1	0	0	1	0	0	1	3,722229899	190,5604783183
1	1	0	0	1	0	0	1	3,6891542228	189,9151462358
0	0	1	0	1	0	0	1	3,5455681256	186,8063611566
1	0	1	0	1	0	0	1	3,2978995505	182,1699989399
0	1	1	0	1	0	0	1	3,637833577	190,2643614823
1	1	1	0	1	0	0	1	3,3977141548	185,6826968626
0	0	0	1	1	0	0	1	3,0822557789	178,314556663
1	0	0	1	1	0	0	1	3,0892371933	178,8744319847
0	1	0	1	1	0	0	1	3,1195972188	180,6135397785
1	1	0	1	1	0	0	1	3,1189453568	180,2894153938
0	0	1	1	1	0	0	1	3,0734551672	179,3772157218
1	0	1	1	1	0	0	1	2,9141305906	176,6530156682
0	1	1	1	1	0	0	1	3,1534485372	182,3442674593
1	1	1	1	1	0	0	1	2,995396857	179,1391536932
0	0	0	0	0	1	0	1	3,7284916901	192,1123876573
1	0	0	0	0	1	0	1	3,7277813142	192,3970425106
0	1	0	0	0	1	0	1	3,7685509934	193,8515874572
1	1	0	0	0	1	0	1	3,7611904566	192,8941273462
0	0	1	0	0	1	0	1	3,5202514392	189,6332801534

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	0	1	0	0	1	0	1	3,2560004084	184,8248407055
0	1	1	0	0	1	0	1	3,6450939949	192,7737357217
1	1	1	0	0	1	0	1	3,3943931954	187,4563874352
0	0	0	1	0	1	0	1	3,7881491719	192,732249912
1	0	0	1	0	1	0	1	3,7855065049	193,6687330362
0	1	0	1	0	1	0	1	3,4813161145	190,2718732905
1	1	0	1	0	1	0	1	3,4837654465	189,5320670966
0	0	1	1	0	1	0	1	3,5372347434	189,951375083
1	0	1	1	0	1	0	1	3,2568016048	186,1224895314
0	1	1	1	0	1	0	1	3,4809885881	190,4946959341
1	1	1	1	0	1	0	1	3,2387193689	185,9449843922
0	0	0	0	1	1	0	1	3,7767551663	190,2560270498
1	0	0	0	1	1	0	1	3,7657145069	189,7153490425
0	1	0	0	1	1	0	1	3,860660242	193,7774862423
1	1	0	0	1	1	0	1	3,8605342806	193,0336476082
0	0	1	0	1	1	0	1	3,6494212343	190,0202010365
1	0	1	0	1	1	0	1	3,417626576	185,119375095
0	1	1	0	1	1	0	1	3,7342501091	193,4308586184
1	1	1	0	1	1	0	1	3,5263100609	188,6453288396
0	0	0	1	1	1	0	1	3,0630295228	181,3599057252
1	0	0	1	1	1	0	1	3,0792371484	181,7470780451
0	1	0	1	1	1	0	1	3,1161084866	183,8302436486
1	1	0	1	1	1	0	1	3,1248369969	183,4029120748
0	0	1	1	1	1	0	1	3,0606946225	182,4380186022
1	0	1	1	1	1	0	1	2,9186121639	179,4414924135
0	1	1	1	1	1	0	1	3,1522814389	185,5222434371
1	1	1	1	1	1	0	1	3,0089092123	182,1184319148
0	0	0	0	0	0	1	1	3,6828254832	187,9353517375
1	0	0	0	0	0	1	1	3,7162107532	190,0663943141
0	1	0	0	0	0	1	1	3,7741499372	190,4329823965
1	1	0	0	0	0	1	1	3,7876635428	191,6356809928
0	0	1	0	0	0	1	1	3,5249957724	185,5743207607
1	0	1	0	0	0	1	1	3,3150432811	183,8220048261
0	1	1	0	0	0	1	1	3,650182668	189,0173192184

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	1	1	0	0	0	1	1	3,449213633	186,8176978384
0	0	0	1	0	0	1	1	3,4208733479	183,9275616838
1	0	0	1	0	0	1	1	3,5875967081	187,2675945059
0	1	0	1	0	0	1	1	3,2225580063	180,8943280933
1	1	0	1	0	0	1	1	3,4305699321	183,5934649403
0	0	1	1	0	0	1	1	3,2596201885	180,9118019894
1	0	1	1	0	0	1	1	3,2010335793	181,9883542551
0	1	1	1	0	0	1	1	3,211021125	180,9928678309
1	1	1	1	0	0	1	1	3,220277092	181,6340525317
0	0	0	0	1	0	1	1	3,7945464904	189,7025305104
1	0	0	0	1	0	1	1	3,7302092972	190,2036466997
0	1	0	0	1	0	1	1	3,8596229545	193,1112487626
1	1	0	0	1	0	1	1	3,8040052425	193,4278592328
0	0	1	0	1	0	1	1	3,6489856203	188,6921666094
1	0	1	0	1	0	1	1	3,3924009648	185,6917589548
0	1	1	0	1	0	1	1	3,7313945897	192,2170536822
1	1	1	0	1	0	1	1	3,4917532334	189,2020059457
0	0	0	1	1	0	1	1	3,2313977169	179,8213900747
1	0	0	1	1	0	1	1	3,2872830055	181,9143679986
0	1	0	1	1	0	1	1	3,1995862359	181,0492916698
1	1	0	1	1	0	1	1	3,3031989526	182,8268363569
0	0	1	1	1	0	1	1	3,1716877006	180,0247953041
1	0	1	1	1	0	1	1	3,060617539	179,7459701333
0	1	1	1	1	0	1	1	3,1964648226	182,2125337774
1	1	1	1	1	0	1	1	3,1380439407	181,8921471336
0	0	0	0	0	1	1	1	3,7530372982	190,9351208871
1	0	0	0	0	1	1	1	3,7673145528	193,1351478018
0	1	0	0	0	1	1	1	3,9438693544	193,5161099579
1	1	0	0	0	1	1	1	3,934890596	194,8330763278
0	0	1	0	0	1	1	1	3,6048737973	188,4280474617
1	0	1	0	0	1	1	1	3,3625393782	186,7731422138
0	1	1	0	0	1	1	1	3,772211759	191,9025460596
1	1	1	0	0	1	1	1	3,5462392041	189,8517998286
0	0	0	1	0	1	1	1	3,3794642268	186,7561355212

Fertility Rate	Female labor participation	Unemployment	LGB acceptance	Religiosity	GDP per capita	Gini coefficient	Health expenditure	RMSE in test set	BIC
1	0	0	1	0	1	1	1	3,5527679633	190,1330320611
0	1	0	1	0	1	1	1	3,2460227439	183,8970098931
1	1	0	1	0	1	1	1	3,4469655927	186,6739457081
0	0	1	1	0	1	1	1	3,2219926792	183,5364003007
1	0	1	1	0	1	1	1	3,1777488975	184,7236105976
0	1	1	1	0	1	1	1	3,2261968171	183,8112065896
1	1	1	1	0	1	1	1	3,2258065865	184,5665085985
0	0	0	0	1	1	1	1	3,9453819788	192,6273172108
1	0	0	0	1	1	1	1	3,871406606	193,2077785177
0	1	0	0	1	1	1	1	4,0402642655	196,0810779578
1	1	0	0	1	1	1	1	3,9764161008	196,5042734531
0	0	1	0	1	1	1	1	3,7762186684	191,5157589707
1	0	1	0	1	1	1	1	3,5037564536	188,5975049319
0	1	1	0	1	1	1	1	3,8639032009	195,0263304932
1	1	1	0	1	1	1	1	3,6165892749	192,1218754428
0	0	0	1	1	1	1	1	3,1886985666	182,3147099799
1	0	0	1	1	1	1	1	3,2596022998	184,4960367548
0	1	0	1	1	1	1	1	3,2004792681	183,7643359733
1	1	0	1	1	1	1	1	3,3017840063	185,6410846827
0	0	1	1	1	1	1	1	3,1355600764	182,4072897239
1	0	1	1	1	1	1	1	3,0478418771	182,2403640175
0	1	1	1	1	1	1	1	3,1946470362	184,7897776476
1	1	1	1	1	1	1	1	3,1381813669	184,572995699