Response BirthSexRatio

Regression Plot
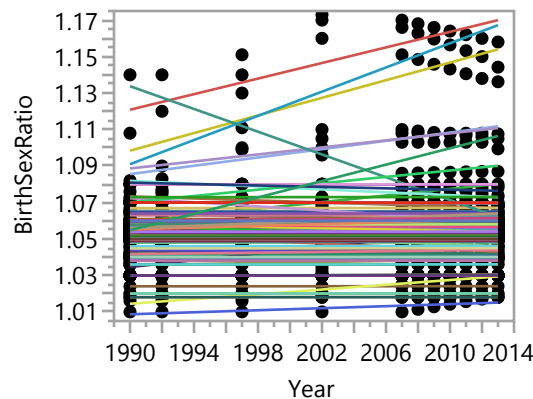
— Afghanistan	— Bhutan	— Comoros
— Albania	— Bolivia	— Congo, De
— Algeria	— Bosnia and Herzegovina	— Congo, Rep
— Angola	— Botswana	— Costa Rica
— Antigua and Barbuda	— Brazil	— Cote d'Ivoi
— Argentina	— Brunei Darussalam	— Croatia
— Armenia	— Bulgaria	— Cuba
— Aruba	— Burkina Faso	— Curacao
— Australia	— Burundi	— Cyprus
— Austria	— Cabo Verde	— Czech Rep
— Azerbaijan	— Cambodia	— Denmark
— Bahamas, The	— Cameroon	— Djibouti
— Bahrain	— Canada	— Dominican
— Bangladesh	— Central African Republic	— Ecuador
— Barbados	— Chad	— Egypt, Aral
— Belarus	— Channel Islands	— El Salvador
— Belgium	— Chile	— Equatorial
— Belize	— China	— Eritrea
— Benin	— Colombia	— Estonia

Summary of Fit

RSquare	0.978923
RSquare Adj	0.978913
Root Mean Square Error	0.003087
Mean of Response	1.05121
Observations (or Sum Wgts)	2134

Parameter Estimates

Term	Estimate	Std Error	DFDen	t Ratio	Prob>|t|
Intercept	0.9283386	0.071406	193.1	13.00	<.0001*
Year	0.0000613	3.561e-5	193	1.72	0.0868

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Afghanistan]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Albania]	0.0213731	0.001633	407.4	13.09	<.0001*
CountryName[Algeria]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Angola]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Antigua and Barbuda]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Argentina]	-0.011183	0.001633	407.4	-6.85	<.0001*
CountryName[Armenia]	0.0825492	0.001633	407.4	50.56	<.0001*
CountryName[Aruba]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Australia]	0.0040704	0.001633	407.4	2.49	0.0131*
CountryName[Austria]	0.0037803	0.001633	407.4	2.32	0.0211*
CountryName[Azerbaijan]	0.0882986	0.001633	407.4	54.09	<.0001*
CountryName[Bahamas, The]	0.0057753	0.001633	407.4	3.54	0.0005*
CountryName[Bahrain]	-0.01345	0.001633	407.4	-8.24	<.0001*
CountryName[Bangladesh]	-0.003202	0.001633	407.4	-1.96	0.0505

Ethiopia	Hong Kong SAR, China	Kyrgyz Republic	Mexico	Panama
Fiji	Hungary	Lao PDR	Micronesia, Fed. Sts.	Papua New Guine
Finland	Iceland	Latvia	Moldova	Paraguay
France	India	Lebanon	Mongolia	Peru
French Polynesia	Indonesia	Lesotho	Montenegro	Philippines
Gabon	Iran, Islamic Rep.	Liberia	Morocco	Poland
Gambia, The	Iraq	Libya	Mozambique	Portugal
Georgia	Ireland	Lithuania	Myanmar	Puerto Rico
Germany	Israel	Luxembourg	Namibia	Qatar
Ghana	Italy	Macao SAR, China	Nepal	Romania
Greece	Jamaica	Macedonia, FYR	Netherlands	Russian Federatio
Grenada	Japan	Madagascar	New Caledonia	Rwanda
Guam	Jordan	Malawi	New Zealand	Samoa
Guatemala	Kazakhstan	Malaysia	Nicaragua	Sao Tome and Pri
Guinea	Kenya	Maldives	Niger	Saudi Arabia
Guinea-Bissau	Kiribati	Mali	Nigeria	Senegal
Guyana	Korea, Dem. Rep.	Malta	Norway	Serbia
Haiti	Korea, Rep.	Mauritania	Oman	Seychelles
Honduras	Kuwait	Mauritius	Pakistan	Sierra Leone

ea	— Singapore	— Thailand
	— Slovak Republic	— Timor-Leste
	— Slovenia	— Togo
	— Solomon Islands	— Tonga
	— Somalia	— Trinidad and Tobago
	— South Africa	— Tunisia
	— South Sudan	— Turkey
	— Spain	— Turkmenistan
	— Sri Lanka	— Uganda
	— St. Lucia	— Ukraine
n	— St. Vincent and the Grenadines	— United Arab Emirates
	— Sudan	— United Kingdom
	— Suriname	— United States
ncipe	— Swaziland	— Uruguay
	— Sweden	— Uzbekistan
	— Switzerland	— Vanuatu
	— Syrian Arab Republic	— Venezuela, RB
	— Tajikistan	— Vietnam
	— Tanzania	— Virgin Islands (U.S.)

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Barbados]	-0.015173	0.001633	407.4	-9.29	<.0001*
CountryName[Belarus]	0.0102189	0.001633	407.4	6.26	<.0001*
CountryName[Belgium]	-0.001407	0.001633	407.4	-0.86	0.3893
CountryName[Belize]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Benin]	-0.010185	0.001633	407.4	-6.24	<.0001*
CountryName[Bhutan]	-0.011183	0.001633	407.4	-6.85	<.0001*
CountryName[Bolivia]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Bosnia and Herzegovina]	0.0180541	0.001633	407.4	11.06	<.0001*
CountryName[Botswana]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Brazil]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Brunei Darussalam]	0.0037803	0.001633	407.4	2.32	0.0211*
CountryName[Bulgaria]	0.0086954	0.001633	407.4	5.33	<.0001*
CountryName[Burkina Faso]	-0.005198	0.001633	407.4	-3.18	0.0016*
CountryName[Burundi]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Cabo Verde]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Cambodia]	-0.002967	0.001633	407.4	-1.82	0.0699
CountryName[Cameroon]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Canada]	0.0034538	0.001633	407.4	2.12	0.0350*
CountryName[Central African Republic]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Chad]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Channel Islands]	0.0057753	0.001633	407.4	3.54	0.0005*
CountryName[Chile]	-0.011183	0.001633	407.4	-6.85	<.0001*
CountryName[China]	0.1009038	0.001633	407.4	61.81	<.0001*
CountryName[Colombia]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Comoros]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Congo, Dem. Rep.]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Congo, Rep.]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Costa Rica]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Cote d'Ivoire]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Croatia]	0.0077704	0.001633	407.4	4.76	<.0001*
CountryName[Cuba]	0.0057753	0.001633	407.4	3.54	0.0005*
CountryName[Curacao]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Cyprus]	0.0187433	0.001633	407.4	11.48	<.0001*
CountryName[Czech Republic]	0.0067729	0.001633	407.4	4.15	<.0001*
CountryName[Denmark]	0.004143	0.001633	407.4	2.54	0.0115*
CountryName[Djibouti]	-0.01218	0.001633	407.4	-7.46	<.0001*
CountryName[Dominican Republic]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Ecuador]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Egypt, Arab Rep.]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[El Salvador]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Equatorial Guinea]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Eritrea]	0.0007876	0.001633	407.4	0.48	0.6297
CountryName[Estonia]	0.010364	0.001633	407.4	6.35	<.0001*
CountryName[Ethiopia]	-0.011183	0.001633	407.4	-6.85	<.0001*
CountryName[Fiji]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Finland]	-0.007029	0.001633	407.4	-4.31	<.0001*

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[France]	0.0007876	0.001633	407.4	0.48	0.6297
CountryName[French Polynesia]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Gabon]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Gambia, The]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Georgia]	0.0510271	0.001633	407.4	31.26	<.0001*
CountryName[Germany]	0.0067729	0.001633	407.4	4.15	<.0001*
CountryName[Ghana]	0.0017852	0.001633	407.4	1.09	0.2748
CountryName[Greece]	0.0139007	0.001633	407.4	8.51	<.0001*
CountryName[Grenada]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Guam]	0.0067729	0.001633	407.4	4.15	<.0001*
CountryName[Guatemala]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Guinea]	-0.027143	0.001633	407.4	-16.63	<.0001*
CountryName[Guinea-Bissau]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Guyana]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Haiti]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Honduras]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Hong Kong SAR, China]	0.0157507	0.001633	407.4	9.65	<.0001*
CountryName[Hungary]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Iceland]	0.000298	0.001633	407.4	0.18	0.8553
CountryName[India]	0.0515349	0.001633	407.4	31.57	<.0001*
CountryName[Indonesia]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Iran, Islamic Rep.]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Iraq]	0.0137556	0.001633	407.4	8.43	<.0001*
CountryName[Ireland]	0.0185619	0.001633	407.4	11.37	<.0001*
CountryName[Israel]	0.002692	0.001633	407.4	1.65	0.0999
CountryName[Italy]	0.0117605	0.001633	407.4	7.20	<.0001*
CountryName[Jamaica]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Japan]	0.0047778	0.001633	407.4	2.93	0.0036*
CountryName[Jordan]	0.0027827	0.001633	407.4	1.70	0.0890
CountryName[Kazakhstan]	0.0137556	0.001633	407.4	8.43	<.0001*
CountryName[Kenya]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Kiribati]	0.0185619	0.001633	407.4	11.37	<.0001*
CountryName[Korea, Dem. Rep.]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Korea, Rep.]	0.0368802	0.001633	407.4	22.59	<.0001*
CountryName[Kuwait]	-0.008625	0.001633	407.4	-5.28	<.0001*
CountryName[Kyrgyz Republic]	0.006392	0.001633	407.4	3.92	0.0001*
CountryName[Lao PDR]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Latvia]	-0.002531	0.001633	407.4	-1.55	0.1218
CountryName[Lebanon]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Lesotho]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Liberia]	0.0027827	0.001633	407.4	1.70	0.0890
CountryName[Libya]	0.0082601	0.001633	407.4	5.06	<.0001*
CountryName[Lithuania]	0.0013862	0.001633	407.4	0.85	0.3963
CountryName[Luxembourg]	-0.001752	0.001633	407.4	-1.07	0.2840
CountryName[Macao SAR, China]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Macedonia, FYR]	0.0027827	0.001633	407.4	1.70	0.0890

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Madagascar]	-0.027234	0.001633	407.4	-16.68	<.0001*
CountryName[Malawi]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Malaysia]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Maldives]	0.0129394	0.001633	407.4	7.93	<.0001*
CountryName[Mali]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Malta]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Mauritania]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Mauritius]	-0.009188	0.001633	407.4	-5.63	<.0001*
CountryName[Mexico]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Micronesia, Fed. Sts.]	0.0185619	0.001633	407.4	11.37	<.0001*
CountryName[Moldova]	0.0097655	0.001633	407.4	5.98	<.0001*
CountryName[Mongolia]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Montenegro]	0.0249098	0.001633	407.4	15.26	<.0001*
CountryName[Morocco]	0.0082601	0.001633	407.4	5.06	<.0001*
CountryName[Mozambique]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Myanmar]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Namibia]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Nepal]	0.0095297	0.001633	407.4	5.84	<.0001*
CountryName[Netherlands]	0.0056484	0.001633	407.4	3.46	0.0006*
CountryName[New Caledonia]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[New Zealand]	0.0042518	0.001633	407.4	2.60	0.0095*
CountryName[Nicaragua]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Niger]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Nigeria]	0.0077704	0.001633	407.4	4.76	<.0001*
CountryName[Norway]	0.0058479	0.001633	407.4	3.58	0.0004*
CountryName[Oman]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Pakistan]	0.0316205	0.001633	407.4	19.37	<.0001*
CountryName[Panama]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Papua New Guinea]	0.0286279	0.001633	407.4	17.54	<.0001*
CountryName[Paraguay]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Peru]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Philippines]	0.0086772	0.001633	407.4	5.32	<.0001*
CountryName[Poland]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Portugal]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Puerto Rico]	0.0017852	0.001633	407.4	1.09	0.2748
CountryName[Qatar]	-0.004799	0.001633	407.4	-2.94	0.0035*
CountryName[Romania]	0.0067729	0.001633	407.4	4.15	<.0001*
CountryName[Russian Federation]	0.0078611	0.001633	407.4	4.82	<.0001*
CountryName[Rwanda]	-0.038461	0.001633	407.4	-23.56	<.0001*
CountryName[Samoa]	0.0287186	0.001633	407.4	17.59	<.0001*
CountryName[Sao Tome and Principe]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Saudi Arabia]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Senegal]	-0.015173	0.001633	407.4	-9.29	<.0001*
CountryName[Serbia]	0.0007876	0.001633	407.4	0.48	0.6297
CountryName[Seychelles]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[Sierra Leone]	-0.033129	0.001633	407.4	-20.29	<.0001*

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Singapore]	0.0217359	0.001633	407.4	13.31	<.0001*
CountryName[Slovak Republic]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Slovenia]	0.0027827	0.001633	407.4	1.70	0.0890
CountryName[Solomon Islands]	0.0186526	0.001633	407.4	11.43	<.0001*
CountryName[Somalia]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[South Africa]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[South Sudan]	-0.011183	0.001633	407.4	-6.85	<.0001*
CountryName[Spain]	0.0127581	0.001633	407.4	7.81	<.0001*
CountryName[Sri Lanka]	-0.008099	0.001633	407.4	-4.96	<.0001*
CountryName[St. Lucia]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[St. Vincent and the Grenadines]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Sudan]	-0.011183	0.001633	407.4	-6.85	<.0001*
CountryName[Suriname]	0.0268142	0.001633	407.4	16.42	<.0001*
CountryName[Swaziland]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Sweden]	0.0075527	0.001633	407.4	4.63	<.0001*
CountryName[Switzerland]	0.0007876	0.001633	407.4	0.48	0.6297
CountryName[Syrian Arab Republic]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Tajikistan]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Tanzania]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Thailand]	0.0097655	0.001633	407.4	5.98	<.0001*
CountryName[Timor-Leste]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Togo]	-0.033129	0.001633	407.4	-20.29	<.0001*
CountryName[Tonga]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Trinidad and Tobago]	-0.013178	0.001633	407.4	-8.07	<.0001*
CountryName[Tunisia]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Turkey]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Turkmenistan]	-0.005198	0.001633	407.4	-3.18	0.0016*
CountryName[Uganda]	-0.021158	0.001633	407.4	-12.96	<.0001*
CountryName[Ukraine]	0.0096929	0.001633	407.4	5.94	<.0001*
CountryName[United Arab Emirates]	-0.006322	0.001633	407.4	-3.87	0.0001*
CountryName[United Kingdom]	-0.00021	0.001633	407.4	-0.13	0.8978
CountryName[United States]	-0.002622	0.001633	407.4	-1.61	0.1090
CountryName[Uruguay]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Uzbekistan]	-0.002205	0.001633	407.4	-1.35	0.1776
CountryName[Vanuatu]	0.0186526	0.001633	407.4	11.43	<.0001*
CountryName[Venezuela, RB]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Vietnam]	0.0364631	0.001633	407.4	22.33	<.0001*
CountryName[Virgin Islands (U.S.)]	0.0087679	0.001633	407.4	5.37	<.0001*
CountryName[West Bank and Gaza]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Yemen, Rep.]	-0.001207	0.001633	407.4	-0.74	0.4600
CountryName[Zambia]	-0.031133	0.001633	407.4	-19.07	<.0001*
CountryName[Zimbabwe]	-0.031133	0.001633	407.4	-19.07	<.0001*
CountryName[Afghanistan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Albania]:(Year-2004.64)	0.0008449	0.000121	1898	7.00	<.0001*
CountryName[Algeria]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Angola]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Antigua and Barbuda]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Argentina]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Armenia]:(Year-2004.64)	0.0023554	0.000121	1898	19.53	<.0001*
CountryName[Aruba]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Australia]:(Year-2004.64)	-5.329e-5	0.000121	1898	-0.44	0.6587
CountryName[Austria]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Azerbaijan]:(Year-2004.64)	0.0032545	0.000121	1898	26.98	<.0001*
CountryName[Bahamas, The]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Bahrain]:(Year-2004.64)	8.5862e-5	0.000121	1898	0.71	0.4767
CountryName[Bangladesh]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Barbados]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Belarus]:(Year-2004.64)	-0.00022	0.000121	1898	-1.82	0.0683
CountryName[Belgium]:(Year-2004.64)	-7.86e-5	0.000121	1898	-0.65	0.5147
CountryName[Belize]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Benin]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Bhutan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Bolivia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Bosnia and Herzegovina]:(Year-2004.64)	-0.000338	0.000121	1898	-2.80	0.0052*
CountryName[Botswana]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Brazil]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Brunei Darussalam]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Bulgaria]:(Year-2004.64)	0.0002857	0.000121	1898	2.37	0.0180*
CountryName[Burkina Faso]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Burundi]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Cabo Verde]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Cambodia]:(Year-2004.64)	0.0008694	0.000121	1898	7.21	<.0001*
CountryName[Cameroon]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Canada]:(Year-2004.64)	-4.268e-5	0.000121	1898	-0.35	0.7235
CountryName[Central African Republic]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Chad]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Channel Islands]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Chile]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[China]:(Year-2004.64)	0.002075	0.000121	1898	17.20	<.0001*
CountryName[Colombia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Comoros]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Congo, Dem. Rep.]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Congo, Rep.]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Costa Rica]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Cote d'Ivoire]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Croatia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Cuba]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Curacao]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Cyprus]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Czech Republic]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Denmark]:(Year-2004.64)	-6.133e-5	0.000121	1898	-0.51	0.6112
CountryName[Djibouti]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Dominican Republic]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Ecuador]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Egypt, Arab Rep.]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[El Salvador]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Equatorial Guinea]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Eritrea]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Estonia]:(Year-2004.64)	2.4551e-5	0.000121	1898	0.20	0.8387
CountryName[Ethiopia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Fiji]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Finland]:(Year-2004.64)	5.1813e-6	0.000121	1898	0.04	0.9657
CountryName[France]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[French Polynesia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Gabon]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Gambia, The]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Georgia]:(Year-2004.64)	0.0010773	0.000121	1898	8.93	<.0001*
CountryName[Germany]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Ghana]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Greece]:(Year-2004.64)	-0.000088	0.000121	1898	-0.73	0.4661
CountryName[Grenada]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Guam]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Guatemala]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Guinea]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Guinea-Bissau]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Guyana]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Haiti]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Honduras]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Hong Kong SAR, China]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Hungary]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Iceland]:(Year-2004.64)	-9.574e-5	0.000121	1898	-0.79	0.4275
CountryName[India]:(Year-2004.64)	0.0009023	0.000121	1898	7.48	<.0001*
CountryName[Indonesia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Iran, Islamic Rep.]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Iraq]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Ireland]:(Year-2004.64)	-8.132e-5	0.000121	1898	-0.67	0.5003
CountryName[Israel]:(Year-2004.64)	-0.000189	0.000121	1898	-1.57	0.1167
CountryName[Italy]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Jamaica]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Japan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Jordan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Kazakhstan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Kenya]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Kiribati]:(Year-2004.64)	-8.132e-5	0.000121	1898	-0.67	0.5003
CountryName[Korea, Dem. Rep.]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Korea, Rep.]:(Year-2004.64)	-0.003182	0.000121	1898	-26.38	<.0001*
CountryName[Kuwait]:(Year-2004.64)	-0.000176	0.000121	1898	-1.46	0.1453
CountryName[Kyrgyz Republic]:(Year-2004.64)	0.0001064	0.000121	1898	0.88	0.3779

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Lao PDR]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Latvia]:(Year-2004.64)	-0.000371	0.000121	1898	-3.08	0.0021*
CountryName[Lebanon]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Lesotho]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Liberia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Libya]:(Year-2004.64)	0.0000183	0.000121	1898	0.15	0.8794
CountryName[Lithuania]:(Year-2004.64)	-0.000383	0.000121	1898	-3.17	0.0015*
CountryName[Luxembourg]:(Year-2004.64)	-9.887e-5	0.000121	1898	-0.82	0.4125
CountryName[Macao SAR, China]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Macedonia, FYR]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Madagascar]:(Year-2004.64)	0.00059	0.000121	1898	4.89	<.0001*
CountryName[Malawi]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Malaysia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Maldives]:(Year-2004.64)	-0.00062	0.000121	1898	-5.14	<.0001*
CountryName[Mali]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Malta]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Mauritania]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Mauritius]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Mexico]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Micronesia, Fed. Sts.]:(Year-2004.64)	-8.132e-5	0.000121	1898	-0.67	0.5003
CountryName[Moldova]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Mongolia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Montenegro]:(Year-2004.64)	-0.000454	0.000121	1898	-3.76	0.0002*
CountryName[Morocco]:(Year-2004.64)	0.0000183	0.000121	1898	0.15	0.8794
CountryName[Mozambique]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Myanmar]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Namibia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Nepal]:(Year-2004.64)	0.0001805	0.000121	1898	1.50	0.1348
CountryName[Netherlands]:(Year-2004.64)	-0.000174	0.000121	1898	-1.44	0.1486
CountryName[New Caledonia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[New Zealand]:(Year-2004.64)	-0.000258	0.000121	1898	-2.14	0.0326*
CountryName[Nicaragua]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Niger]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Nigeria]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Norway]:(Year-2004.64)	-0.000112	0.000121	1898	-0.93	0.3520
CountryName[Oman]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Pakistan]:(Year-2004.64)	0.000814	0.000121	1898	6.75	<.0001*
CountryName[Panama]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Papua New Guinea]:(Year-2004.64)	-6.953e-5	0.000121	1898	-0.58	0.5644
CountryName[Paraguay]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Peru]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Philippines]:(Year-2004.64)	-6.953e-5	0.000121	1898	-0.58	0.5644
CountryName[Poland]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Portugal]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Puerto Rico]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Qatar]:(Year-2004.64)	-0.000463	0.000121	1898	-3.84	0.0001*

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Romania]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Russian Federation]:(Year-2004.64)	2.1681e-5	0.000121	1898	0.18	0.8574
CountryName[Rwanda]:(Year-2004.64)	0.0002174	0.000121	1898	1.80	0.0717
CountryName[Samoa]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Sao Tome and Principe]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Saudi Arabia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Senegal]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Serbia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Seychelles]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Sierra Leone]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Singapore]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Slovak Republic]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Slovenia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Solomon Islands]:(Year-2004.64)	-6.953e-5	0.000121	1898	-0.58	0.5644
CountryName[Somalia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[South Africa]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[South Sudan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Spain]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Sri Lanka]:(Year-2004.64)	3.8028e-5	0.000121	1898	0.32	0.7526
CountryName[St. Lucia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[St. Vincent and the Grenadines]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Sudan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Suriname]:(Year-2004.64)	-0.000256	0.000121	1898	-2.12	0.0340*
CountryName[Swaziland]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Sweden]:(Year-2004.64)	0.0001792	0.000121	1898	1.49	0.1376
CountryName[Switzerland]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Syrian Arab Republic]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Tajikistan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Tanzania]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Thailand]:(Year-2004.64)	0.0002945	0.000121	1898	2.44	0.0147*
CountryName[Timor-Leste]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Togo]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Tonga]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Trinidad and Tobago]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Tunisia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Turkey]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Turkmenistan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Uganda]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Ukraine]:(Year-2004.64)	-1.788e-6	0.000121	1898	-0.01	0.9882
CountryName[United Arab Emirates]:(Year-2004.64)	-5.283e-5	0.000121	1898	-0.44	0.6615
CountryName[United Kingdom]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[United States]:(Year-2004.64)	-6.715e-5	0.000121	1898	-0.56	0.5778
CountryName[Uruguay]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Uzbekistan]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Vanuatu]:(Year-2004.64)	-6.953e-5	0.000121	1898	-0.58	0.5644
CountryName[Venezuela, RB]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322

Response BirthSexRatio

Random Effect Predictions

Term	BLUP	Std Error	DFDen	t Ratio	Prob>|t|
CountryName[Vietnam]:(Year-2004.64)	0.0021846	0.000121	1898	18.11	<.0001*
CountryName[Virgin Islands (U.S.)]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[West Bank and Gaza]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Yemen, Rep.]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Zambia]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322
CountryName[Zimbabwe]:(Year-2004.64)	-5.774e-5	0.000121	1898	-0.48	0.6322

REML Variance Component Estimates

Random Effect	Var Ratio	Var Component	Std Error	95% Lower	95% Upper	Pct of Total
CountryName	36.772816	0.0003503	3.575e-5	0.0002803	0.0004204	97.290
Year[CountryName]	0.0243336	2.3182e-7	2.5053e-8	1.8271e-7	2.8092e-7	0.064
Residual		9.5266e-6	3.2243e-7	8.9249e-6	0.0000102	2.646
Total		0.0003601	3.5751e-5	0.0002991	0.0004419	100.000

-2 LogLikelihood = -16870.34549

Note: Total is the sum of the positive variance components.

Total including negative estimates = 0.0003601

Fixed Effect Tests

Source	Nparm	DF	DFDen	F Ratio	Prob > F
Year	1	1	193	2.9620	0.0868

Effect Details

Year

CountryName

Year[CountryName]