**Table A1. Regressions of religious freedom on economic growth**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Model 1** | **Model 2** |  | **Model 3** | **Model 4** |
| **Dependent Variable** | **GDP\_Growth** | **GDP\_PC\_Growth** | **Dependent Variable** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S.E. | Beta | B | S.E. | Beta |  | B | S.E. | Beta | B | S.E. | Beta |
| (Constant) | 5.862+ | 0.776 |  | 0.352 | 0.704 |  | (Constant) | 7.659+ | 0.855 |  | 1.688\*\* | 0.770 |  |
| GNI\_PC\_PPP | -0.004 | 0.007 | -0.022 | -0.067+ | 0.006 | -0.431 | GNI\_PC\_PPP | -0.002 | 0.007 | -0.010 | -0.064+ | 0.006 | -0.407 |
| Education Index | -6.472+ | 0.884 | -0.343 | 0.957 | 0.803 | 0.056 | Education Index | -6.748+ | 0.812 | -0.357 | 1.120\* | 0.740 | 0.066 |
| Econ Freedom | 0.013 | 0.012 | 0.042 | 0.018\* | 0.011 | 0.064 | Econ Freedom | 0.008 | 0.012 | 0.025 | 0.015\* | 0.011 | 0.056 |
| Muslim% | 0.005 | 0.004 | 0.051 | -0.002 | 0.003 | -0.029 | Christian50 | -1.295\*\*\* | 0.471 | -0.191 | -1.143\*\*\* | 0.421 | -0.190 |
| Unaffiliated% | -0.003 | 0.008 | -0.012 | 0.015\*\* | 0.007 | 0.072 | Muslim50 | -0.690\* | 0.488 | -0.089 | -1.278\*\*\* | 0.436 | -0.185 |
| Hindu% | 0.027\*\*\* | 0.010 | 0.083 | 0.031+ | 0.009 | 0.108 | Unaffiliated50 | -0.550 | 0.675 | -0.031 | 0.230 | 0.603 | 0.015 |
| Buddhist% | 0.029+ | 0.007 | 0.131 | 0.031+ | 0.006 | 0.161 | Hindu50 | 0.727 | 0.897 | 0.027 | 1.436\*\* | 0.799 | 0.061 |
| FolkReligions% | 0.047\*\*\* | 0.017 | 0.091 | 0.035\*\* | 0.015 | 0.076 | Buddhist50 | 1.575\*\* | 0.674 | 0.086 | 1.726\*\*\* | 0.600 | 0.107 |
| Jewish% | 0.031\*\* | 0.015 | 0.060 | 0.009 | 0.013 | 0.020 | Jewish50 | 1.254 | 1.219 | 0.032 | -0.484 | 1.088 | -0.014 |
| GRI | 0.192\*\*\* | 0.064 | 0.132 | 0.255+ | 0.058 | 0.196 | GRI | 0.187\*\*\* | 0.062 | 0.128 | 0.257+ | 0.057 | 0.197 |
| SHI | -0.121\*\* | 0.053 | -0.085 | -0.095\*\* | 0.048 | -0.075 | SHI | -0.132\*\*\* | 0.053 | -0.092 | -0.125\*\*\* | 0.048 | -0.099 |
| Year Fixed Effect | INCLUDED | INCLUDED | Year Fixed Effect | INCLUDED | INCLUDED |
| *N* | 1016 |  |  | 1006 |  |  |  | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.201 |  |  | 0.201 |  |  |  | 0.201 |  |  | 0.195 |  |  |
| *F* | 15.981+ |  |  | 15.917+ |  |  |  | 15.982+ |  |  | 15.313+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001(all 1-tailed). In Models 1 and 2, Christian% is excluded because the sum of all percentages equals 100. In Models 3 and 4, FolkReligion50 is not included because the variable is constant or has missing correlations.

**Table A2.** Regressions of government limitations and discriminations on economic growth

|  |  |  |
| --- | --- | --- |
|  | **Model 1** | **Model 2** |
| **Dependent Variable** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S.E. | Beta | B | S.E. | Beta |
| (Constant) | 6.067+ | 0.765 |  | 0.765 | 0.700 |  |
| GNI\_PC\_PPP | 0.002 | 0.007 | 0.009 | -0.061+ | 0.006 | -0.392 |
| Education Index | -6.273+ | 0.880 | -0.332 | 1.198\* | 0.797 | 0.071 |
| Econ Freedom | 0.017\* | 0.012 | 0.056 | 0.021\*\* | 0.011 | 0.078 |
| Muslim% | 0.005\* | 0.004 | 0.057 | -0.002 | 0.003 | -0.022 |
| Unaffiliated% | -0.012\* | 0.008 | -0.053 | 0.005 | 0.008 | 0.023 |
| Hindu% | 0.025\*\*\* | 0.010 | 0.078 | 0.029+ | 0.009 | 0.102 |
| Buddhist% | 0.032+ | 0.007 | 0.144 | 0.034+ | 0.006 | 0.177 |
| FolkReligions% | 0.039\*\* | 0.017 | 0.074 | 0.026\*\* | 0.015 | 0.056 |
| Jewish% | 0.036\*\*\* | 0.015 | 0.070 | 0.014 | 0.013 | 0.031 |
| SHI | -0.117\*\* | 0.052 | -0.082 | -0.091\*\* | 0.047 | -0.072 |
| GRI\_GL | 0.525+ | 0.132 | 0.161 | 0.663+ | 0.120 | 0.228 |
| GRI\_GD | -0.199\* | 0.124 | -0.059 | -0.168\* | 0.111 | -0.056 |
| Year Fixed Effect | INCLUDED |  |  | INCLUDED |  |  |
| *N* | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.213 |  |  | 0.221 |  |  |
| *F* | 16.275+ |  |  | 16.806+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001 (all 1-tailed). In Models 1 and 2, *Christian%* is excluded because the sum of all percentages equals 100.

**Table A3.** Regressions of a single dominant religion on economic growth

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** |
| **Dependent Variable** | **GDP\_Growth** | **GDP\_PC\_Growth** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S. E. | Beta | B | S. E. | Beta | B | S. E. | Beta | B | S. E. | Beta |
| (Constant) | 7.573+ | 0.827 |  | 1.726\*\* | 0.747 |  | 7.475+ | 0.793 |  | 1.748\*\*\* | 0.716 |  |
| GNI\_PC\_PPP | -0.001 | 0.007 | -0.007 | -0.064+ | 0.006 | -0.408 | 0.004 | 0.007 | 0.024 | -0.057+ | 0.006 | -0.363 |
| Education Index | -6.770+ | 0.799 | -0.359 | 1.131\* | 0.727 | 0.067 | -6.737+ | 0.793 | -0.357 | 1.237\*\* | 0.716 | 0.073 |
| Econ Freedom | 0.007 | 0.012 | 0.022 | 0.016\* | 0.011 | 0.058 | 0.011 | 0.012 | 0.036 | 0.020\*\* | 0.011 | 0.072 |
| Christian50 | -1.165\*\*\* | 0.345 | -0.172 | -1.201+ | 0.308 | -0.200 | -0.936\*\*\* | 0.346 | -0.138 | -0.923\*\*\* | 0.307 | -0.154 |
| Muslim50 | -0.587 | 0.390 | -0.075 | -1.324+ | 0.350 | -0.192 | -0.217 | 0.398 | -0.028 | -0.864\*\*\* | 0.354 | -0.125 |
| Hindu50 | 0.769 | 0.845 | 0.029 | 1.414\*\* | 0.753 | 0.060 | 0.921 | 0.839 | 0.034 | 1.605\*\* | 0.741 | 0.068 |
| Buddhist50 | 1.700\*\*\* | 0.602 | 0.093 | 1.671\*\*\* | 0.537 | 0.104 | 2.231+ | 0.614 | 0.122 | 2.323+ | 0.543 | 0.144 |
| SHI | -0.115\*\* | 0.051 | -0.080 | -0.132\*\*\* | 0.047 | -0.104 | -0.094\*\* | 0.051 | -0.066 | -0.105\*\* | 0.046 | -0.083 |
| GRI | 0.185\*\*\* | 0.062 | 0.127 | 0.258+ | 0.057 | 0.198 |  |  |  |  |  |  |
| GRI\_GL |  |  |  |  |  |  | 0.495+ | 0.129 | 0.152 | 0.659+ | 0.117 | 0.226 |
| GRI\_GD |  |  |  |  |  |  | -0.215\*\* | 0.120 | -0.063 | -0.239\*\* | 0.107 | -0.079 |
| Year Fixed Effect | INCLUDED | INCLUDED | INCLUDED | INCLUDED |
| *N* | 1016 |  |  | 1006 |  |  | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.200 |  |  | 0.196 |  |  | 0.214 |  |  | 0.222 |  |  |
| *F* | 17.956+ |  |  | 19.352+ |  |  | 18.260+ |  |  | 18.929+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001 (all 1-tailed).

**Table A4.** Regressions of religious dominance on economic growth

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** |
| **Dependent Variable** | **GDP\_Growth** | **GDP\_PC\_Growth** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S. E. | Beta | B | S. E. | Beta | B | S. E. | Beta | B | S. E. | Beta |
| (Constant) | 7.219+ | 0.840 |  | 1.649\*\* | 0.765 |  | 7.502+ | 0.805 |  | 1.787\*\*\* | 0.731 |  |
| GNI\_PC\_PPP | -0.002 | 0.007 | -0.012 | -0.068+ | 0.006 | -0.434 | 0.002 | 0.007 | 0.011 | -0.062+ | 0.006 | -0.395 |
| Education Index | -7.686+ | 0.740 | -0.407 | 0.889\* | 0.675 | 0.052 | -7.794+ | 0.737 | -0.413 | 0.773 | 0.667 | 0.046 |
| Econ Freedom | 0.015 | 0.012 | 0.049 | 0.020\*\* | 0.011 | 0.073 | 0.020\* | 0.012 | 0.065 | 0.026\*\* | 0.011 | 0.093 |
| Dominant | -0.741\*\* | 0.351 | -0.061 | -1.146+ | 0.315 | -0.107 | -0.470\* | 0.359 | -0.039 | -0.786\*\*\* | 0.320 | -0.073 |
| SHI | -0.101\*\* | 0.051 | -0.070 | -0.099\*\* | 0.046 | -0.078 | -0.095\*\* | 0.050 | -0.067 | -0.090\*\* | 0.046 | -0.071 |
| GRI | 0.271+ | 0.054 | 0.186 | 0.266+ | 0.049 | 0.204 |  |  |  |  |  |  |
| GRI\_GL |  |  |  |  |  |  | 0.698+ | 0.115 | 0.215 | 0.721+ | 0.104 | 0.248 |
| GRI\_GD |  |  |  |  |  |  | -0.008 | 0.110 | -0.002 | -0.119 | 0.099 | -0.039 |
| Year Fixed Effect | INCLUDED | INCLUDED | INCLUDED | INCLUDED |
| *N* | 1016 |  |  | 1006 |  |  | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.174 |  |  | 0.156 |  |  | 0.184 |  |  | 0.176 |  |  |
| *F* | 18.856+ |  |  | 16.438+ |  |  | 18.627+ |  |  | 17.522+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001 (all 1-tailed).

**Table A5.** Regressions of religious diversity on economic growth

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** |
| **Dependent Variable** | **GDP\_Growth** | **GDP\_PC\_Growth** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S.E. | Beta | B | S.E. | Beta | B | S.E. | Beta | B | S.E. | Beta |
| (Constant) | 7.322+ | 0.881 |  | 1.741\*\* | 0.799 |  | 7.434+ | 2.316 |  | -1.993 | 2.078 |  |
| GNI\_PC\_PPP | -0.004 | 0.007 | -0.023 | -0.066+ | 0.007 | -0.420 | -0.011\* | 0.007 | -0.064 | -0.072+ | 0.007 | -0.459 |
| Education Index | -6.153+ | 0.781 | -0.326 | 2.118+ | 0.710 | 0.125 | -5.149+ | 0.786 | -0.273 | 3.044+ | 0.714 | 0.179 |
| Econ Freedom | -0.004 | 0.011 | -0.015 | -0.001 | 0.010 | -0.003 | -0.007 | 0.011 | -0.024 | -0.003 | 0.010 | -0.011 |
| Christian50 | -0.858\*\* | 0.512 | -0.127 | -0.894\*\* | 0.461 | -0.149 | -0.647 | 2.212 | -0.096 | 2.956\* | 1.979 | 0.492 |
| Muslim50 | 0.260 | 0.556 | 0.033 | -0.278 | 0.499 | -0.040 | -0.925 | 2.221 | -0.119 | 2.741\* | 1.987 | 0.396 |
| Unaffiliated50 | -0.319 | 0.678 | -0.018 | 0.341 | 0.609 | 0.022 | -9.393\*\*\* | 3.328 | -0.530 | -7.810\*\*\* | 2.977 | -0.498 |
| Hindu50 | 0.757 | 0.884 | 0.028 | 1.536\*\* | 0.792 | 0.065 | 1.250 | 4.864 | 0.047 | 6.464\* | 4.352 | 0.273 |
| Buddhist50 | 2.194+ | 0.696 | 0.120 | 2.323+ | 0.623 | 0.144 | -0.297 | 2.397 | -0.016 | 4.311\*\* | 2.145 | 0.267 |
| Jewish50 | 1.227 | 1.204 | 0.031 | -0.470 | 1.079 | -0.014 |  |  |  |  |  |  |
| RDI | 0.153\*\*\* | 0.053 | 0.102 | 0.142\*\*\* | 0.048 | 0.106 | 0.121 | 0.308 | 0.081 | 0.617\*\* | 0.275 | 0.463 |
| RDI×Christian50 |  |  |  |  |  |  | -0.184 | 0.313 | -0.120 | -0.633\*\* | 0.280 | -0.461 |
| RDI×Muslim50 |  |  |  |  |  |  | 0.392 | 0.318 | 0.164 | -0.283 | 0.284 | -0.134 |
| RDI×Unaffiliated50 |  |  |  |  |  |  | 1.450\*\*\* | 0.506 | 0.506 | 1.421\*\*\* | 0.453 | 0.561 |
| RDI×Hindu50 |  |  |  |  |  |  | -0.184 | 1.089 | -0.028 | -0.838 | 0.974 | -0.147 |
| RDI×Buddhist50 |  |  |  |  |  |  | 0.586\* | 0.375 | 0.141 | -0.095 | 0.336 | -0.026 |
| Year Fixed Effect | INCLUDED | INCLUDED | INCLUDED | INCLUDED |
| *N* | 1016 |  |  | 1006 |  |  | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.200 |  |  | 0.186 |  |  | 0.231 |  |  | 0.219 |  |  |
| *F* | 16.830+ |  |  | 15.381+ |  |  | 16.239+ |  |  | 15.128+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001 (all 1-tailed). FolkReligion50, *Jewish50*, RDIxFolkReligion50 and RDI×Jewish50 are not included because the variables are constant or having missing correlations.

**Table A6.** Regressions of interactions between rdi and shi on economic growth

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** |
|  | **GDP\_Growth** | **GDP\_PC\_Growth** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S.E. | Beta | B | S.E. | Beta | B | S.E. | Beta | B | S.E. | Beta |
| (Constant) | 6.318+ | 0.909 |  | 0.535 | 0.822 |  | 7.136+ | 0.862 |  | 1.294\*\* | 0.778 |  |
| GNI\_PC\_PPP | -0.008 | 0.007 | -0.044 | -0.074+ | 0.007 | -0.476 | -0.003 | 0.008 | -0.018 | -0.068+ | 0.007 | -0.432 |
| Education Index | -7.652+ | 0.736 | -0.405 | 0.951\* | 0.670 | 0.056 | -7.753+ | 0.734 | -0.411 | 0.826 | 0.665 | 0.049 |
| Econ Freedom | 0.016\* | 0.012 | 0.053 | 0.020\*\* | 0.011 | 0.073 | 0.020\*\* | 0.012 | 0.067 | 0.025\*\* | 0.011 | 0.091 |
| Dominant | -0.142 | 0.397 | -0.012 | -0.451 | 0.358 | -0.042 | -0.083 | 0.396 | -0.007 | -0.375 | 0.355 | -0.035 |
| GRI | 0.310+ | 0.055 | 0.213 | 0.299+ | 0.050 | 0.230 |  |  |  |  |  |  |
| SHI | -0.247\*\*\* | 0.084 | -0.172 | -0.173\*\* | 0.076 | -0.136 | -0.264+ | 0.084 | -0.185 | -0.189\*\*\* | 0.075 | -0.149 |
| RDI | 0.076 | 0.070 | 0.051 | 0.149\*\* | 0.064 | 0.112 | 0.021 | 0.074 | 0.014 | 0.074 | 0.067 | 0.055 |
| SHI×RDI | 0.042\*\* | 0.021 | 0.123 | 0.019 | 0.019 | 0.063 | 0.049\*\*\* | 0.021 | 0.141 | 0.027\* | 0.019 | 0.088 |
| GRI\_GL |  |  |  |  |  |  | 0.753+ | 0.117 | 0.232 | 0.757+ | 0.105 | 0.260 |
| GRI\_GD |  |  |  |  |  |  | 0.100 | 0.118 | 0.030 | -0.011 | 0.106 | -0.004 |
| Year Fixed Effect | INCLUDED | INCLUDED | INCLUDED | INCLUDED |
| *N* | 1016 |  |  | 1006 |  |  | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.186 |  |  | 0.169 |  |  | 0.192 |  |  | 0.183 |  |  |
| *F* | 17.520+ |  |  | 15.643+ |  |  | 17.110+ |  |  | 15.986+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001 (all 1-tailed).

**Table A7.** Regressions of interactions between RDI and GRI on economic growth

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** |
|  | **GDP\_Growth** | **GDP\_PC\_Growth** | **GDP\_Growth** | **GDP\_PC\_Growth** |
|  | B | S.E. | Beta | B | S.E. | Beta | B | S.E. | Beta | B | S.E. | Beta |
| (Constant) | 6.050+ | 0.857 |  | 0.418 | 0.769 |  | 7.126+ | 0.817 |  | 1.108\* | 0.734 |  |
| GNI\_PC\_PPP | -0.012\*\* | 0.007 | -0.070 | -0.079+ | 0.006 | -0.508 | -0.005 | 0.007 | -0.028 | -0.066+ | 0.007 | -0.420 |
| Education Index | -7.403+ | 0.732 | -0.392 | 1.196\*\* | 0.661 | 0.071 | -7.398+ | 0.736 | -0.392 | 0.934\* | 0.662 | 0.055 |
| Econ Freedom | 0.019\* | 0.012 | 0.063 | 0.023\*\* | 0.011 | 0.085 | 0.024\*\* | 0.012 | 0.079 | 0.030\*\*\* | 0.011 | 0.109 |
| Dominant | 0.099 | 0.380 | 0.008 | -0.166 | 0.340 | -0.015 | -0.471 | 0.374 | -0.039 | -0.472\* | 0.334 | -0.044 |
| GRI | 0.099\* | 0.062 | 0.068 | 0.074\* | 0.055 | 0.057 |  |  |  |  |  |  |
| SHI | -0.087\*\* | 0.050 | -0.061 | -0.092\*\* | 0.045 | -0.072 | -0.079\* | 0.051 | -0.056 | -0.059\* | 0.045 | -0.046 |
| GRI×RDI | 0.062+ | 0.012 | 0.212 | 0.072+ | 0.010 | 0.273 |  |  |  |  |  |  |
| GRI\_GL |  |  |  |  |  |  | 0.275\* | 0.170 | 0.085 | 0.115 | 0.152 | 0.039 |
| GRI\_GD |  |  |  |  |  |  | -0.459\*\*\* | 0.174 | -0.135 | -0.254\*\* | 0.155 | -0.084 |
| GRI\_GL×RDI |  |  |  |  |  |  | 0.140+ | 0.038 | 0.178 | 0.189+ | 0.034 | 0.265 |
| GRI\_GD×RDI |  |  |  |  |  |  | 0.156+ | 0.046 | 0.180 | 0.051 | 0.041 | 0.065 |
| Year Fixed Effect | INCLUDED | INCLUDED | INCLUDED | INCLUDED |
| *N* | 1016 |  |  | 1006 |  |  | 1016 |  |  | 1006 |  |  |
| Adj. *R*2 | 0.197 |  |  | 0.193 |  |  | 0.202 |  |  | 0.188 |  |  |
| *F* | 20.094+ |  |  | 19.528+ |  |  | 18.079+ |  |  | 26.93+ |  |  |

Note: \**p* < 0.1; \*\**p* < 0.05; \*\*\**p* < 0.01; +*p* < 0.001 (all 1-tailed).