

Hertie Governance Report Indicators 2014. Codebook for the Indexes dataset and the Factor Analysis dataset.*

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1 Introduction

The variables with suffix “100” are rescaled so that the worst performing country receives a score of 0 and the best performing country receives a score of 100. See the methodological document for an explanation of the rescaling and averaging procedure, and **please refer to the codebook of the variable-level dataset for the full list of variables that enter each of the lower level indexes**. See the `GovRep2014FAEstimates` datasets for the results of the factor analytical model; there, we also report the estimates of uncertainty, specifically the posterior standard deviation of each of the latent “capacities” for each country, and 95% highest posterior density intervals.

2 Delivery capacity

crimeindex

Weighted average of the crime control variables.

educindex

Weighted average of the education provision variables.

civiljindex

Weighted average of the civil justice provision variables.

genindex

Weighted average of the variables listed as “other delivery outcomes” in the variable-level codebook.

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taxindex

Weighted average of the revenue collection variables.

effectivenessplusindex

Effectiveness⁺ index, weighted averages of the effectiveness variables (i.e., proff, impar, stat.score, researchers.unesco, AND)

delivery_overallindex

Outcomes-based delivery capacity index. Simple average of crimeindex, taxindex, educindex, civiljindex, and genindex.

legitimacyindex

Summary index of confidence in government services, estimated from survey data. See the variable-level codebook.

aggregate_deli_index

Simple average of effectiveness⁺, the legitimacy index, and the delivery outcomes index.

3 Regulatory capacity

impar_noCBindex

Index of impartiality and autonomy of regulators. Weighted average of the impartiality/autonomy variables, excluding the three measures of central bank independence.

imparindex

Index of impartiality and autonomy of regulators. Weighted average of the impartiality/autonomy variables, including the three measures of central bank independence.

regqualindex

Index of regulatory quality. Weighted average of the regulatory quality variables.

priceindex

Weighted average of the utility prices control variables.

shadowindex

Control of the shadow economy index.

inflationindex

Control of inflation index. Weighted average of the inflation variables.

enviroindex

Environmental regulation outcomes-based index. Simple average of the environmental outcomes variables.

aggregate_reg_outindex

Regulatory outcomes index. Weighted average of priceindex, shadowindex, inflationindex and enviroindex.

regulatoryindex

Regulatory capacity index. Simple average of imparindex, regqualindex, and aggregate_reg_outindex.

4 Coordination capacity

coordoutindex

Outcomes-based index of coordination capacity. Weighted average of the measures of coordination outcomes.

coordexpindex

Index of coordination quality. Simple average of the coordination quality variables.

selfmonindex

Index of self-monitoring capacity. Weighted average of the self-monitoring variables.

aggregatecoordindex

Index of coordination capacity. Simple average of selfmonindex, aggregatecoordindex, and coordexpindex.

5 Analytical capacity

intelligenceindex

Weighted average of the expert evaluations of analytical capacity.

efficacyplusindex

Index of efficacy. Weighted average of the efficacy⁺ variables.

intelligenceaggregateindex

Summary index of analytical capacity. Simple average of intelligenceindex and efficacyplusindex.

6 Indexes, adjusted by log gdp per capita

deli_pure

delivery_overallindex, adjusted via regression on log gdp per capita.

reg_pure

regulatoryindex, adjusted via regression on log gdp per capita.

coord_pure

aggregatecoordindex, adjusted via regression on log gdp per capita.

legit_pure

legitimacyindex, adjusted via regression on log gdp per capita.

intel_pure

intelligenceaggregateindex, adjusted via regression on log gdp per capita.

7 Factor analytical estimates

The following indexes come from a Bayesian factor analytical model, estimated via MCMC in WinBUGS (Spiegelhalter et al. 2007). See the methodological document (Stanig 2014) for a full description of the methodology.

deliverycapFA

Posterior mean of the latent delivery capacity.

deliverycapFA_sd

Posterior standard deviation of the latent delivery capacity.

deliverycapFA_95HPD_L

Lower bound of the 95% highest posterior density interval of the latent delivery capacity.

deliverycapFA_95HPD_U

Upper bound of the 95% highest posterior density interval of the latent delivery capacity.

coordcapFA

Posterior mean of the latent coordination capacity.

coordcapFA_sd

Posterior standard deviation of the latent coordination capacity.

coordcapFA_95HPD_L

Lower bound of the 95% highest posterior density interval of the latent coordination capacity.

coordcapFA_95HPD_U

Upper bound of the 95% highest posterior density interval of the latent coordination capacity.

intelcapFA

Posterior mean of the latent analytical capacity.

intelcapFA_sd

Posterior standard deviation of the latent analytical capacity.

intelcapFA_95HPD_L

Lower bound of the 95% highest posterior density interval of the latent analytical capacity.

intelcapFA_95HPD_U

Upper bound of the 95% highest posterior density interval of the latent analytical capacity.

regcapFA

Posterior mean of the latent regulatory capacity.

regcapFA_sd

Posterior standard deviation of the latent regulatory capacity.

regcapFA_95HPD_L

Lower bound of the 95% highest posterior density interval of the latent regulatory capacity.

regcapFA_95HPD_U

Upper bound of the 95% highest posterior density interval of the latent regulatory capacity.

References

Spiegelhalter, David, Andrew Thomas, Nicky Best, and Dave Lunn. 2007. *WinBUGS User Manual*. Technical document, MRC Biostatistics Unit, Institute of Public Health, Cambridge, UK. <http://www.mrc-bsu.cam.ac.uk/bugs>

Stanig, Piero. 2014. "Methodological Notes on the Governance Report 2014 Indicators." Technical document, Hertie School of Governance, Berlin, Germany. www.governancereport.org