

*Figure S1.* The impact of the intercept correction factor on the intercept bias in the common regression line (solid line is Intercept Bias column in Table 1). There was a greater impact on the reduction in bias as the amount of bias in the common regression line increased. Countries are sorted by percent of reduced bias.

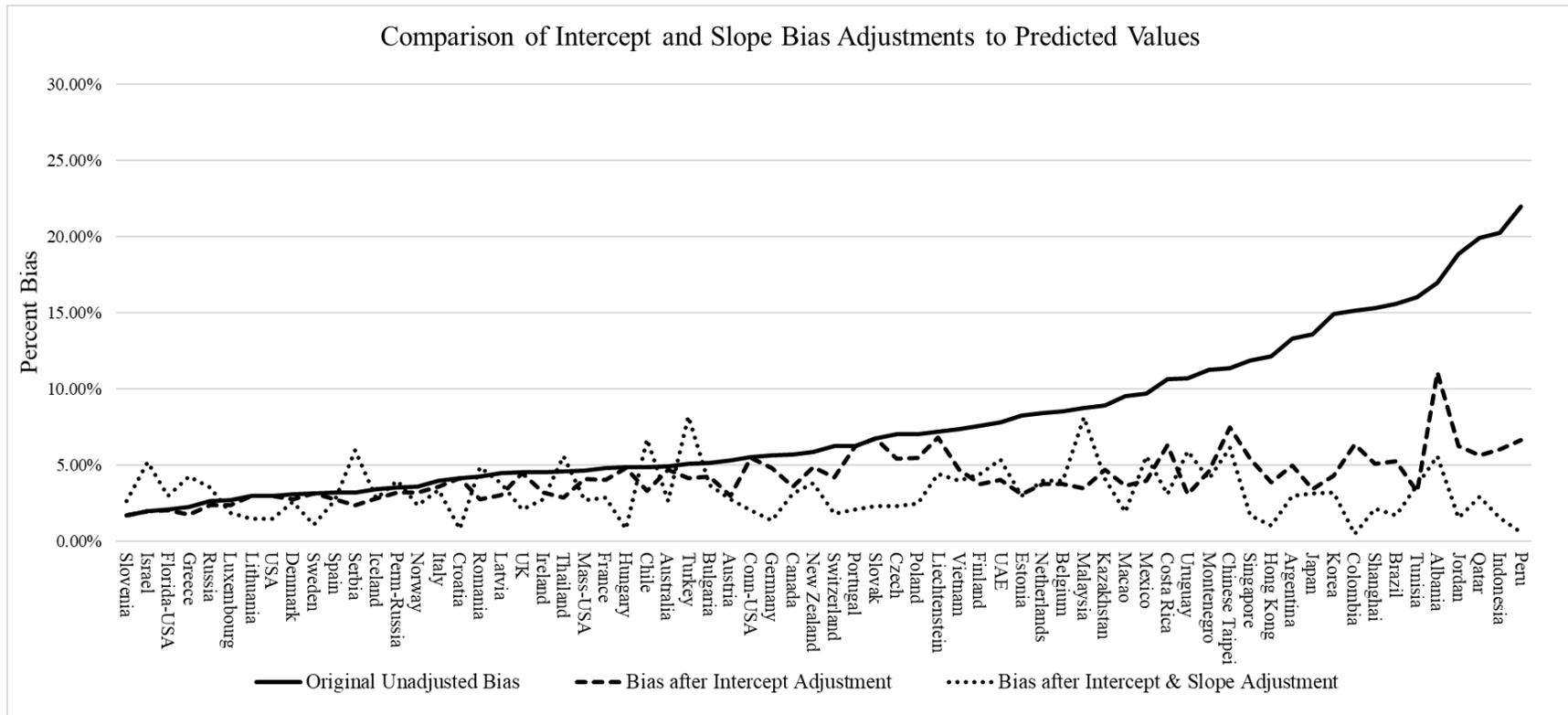


Figure S2. The impact of the Intercept and Slope Correction Factors on predictive bias. There was a consistent impact in the reduction of bias across the spectrum. Larger bias is especially well corrected. Countries are sorted by percent of original bias.