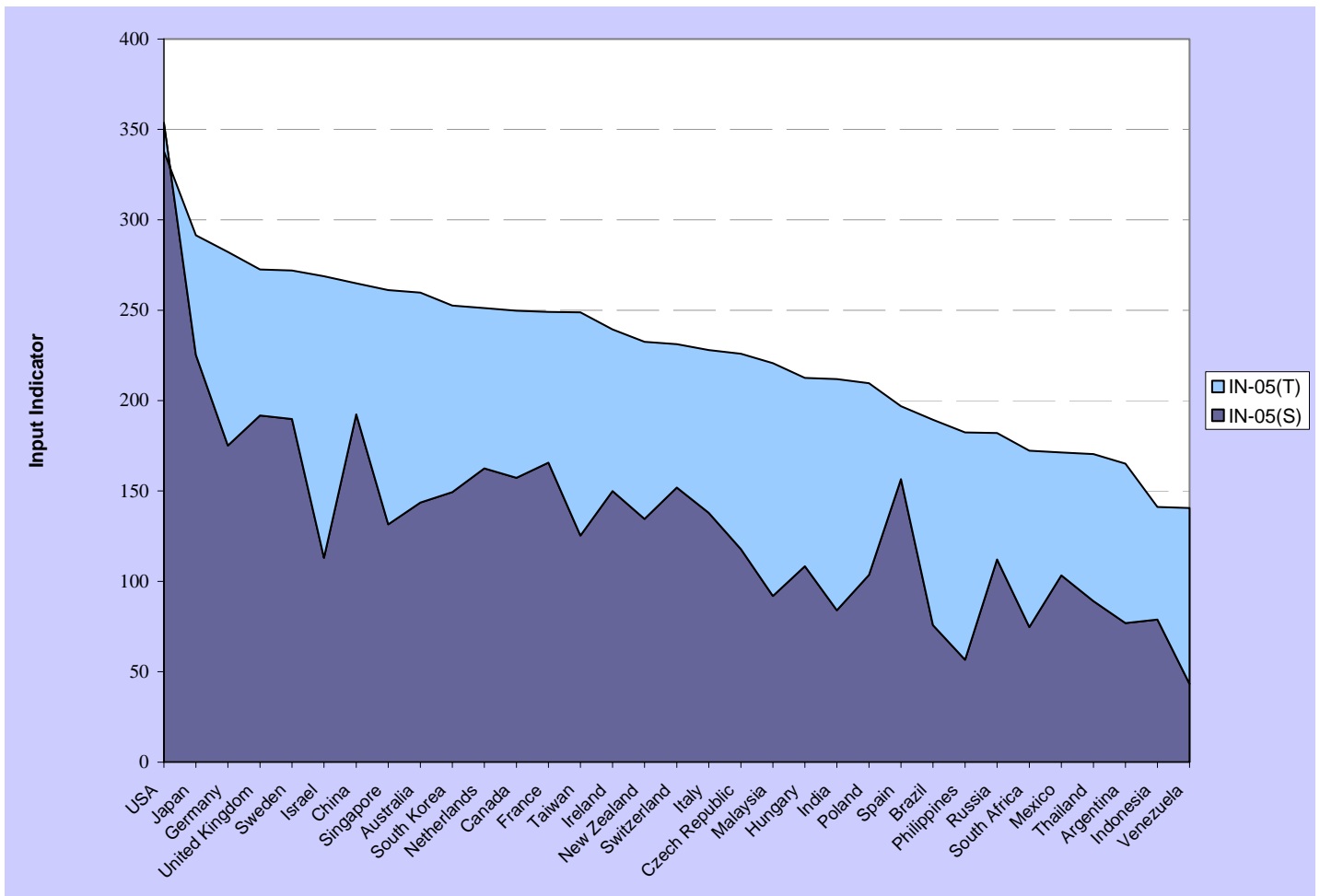


**Figure 17: INPUT 2005 -- INPUT-05: Traditional (T) vs. Statistics-only (S)**



*Note:* INPUT adds together our four Input (leading) indicators – NO, SE, TI, and PC -- each of which is an average of components scaled 0-100, so the potential INPUT range is 0-400.

When examining the differences between the Statistics-only and Traditional formulations, Figures 16-17, we find that the Statistics-only formulation provides greater variation, while on average showing correlation with the traditional formulation. The correlation between these formulations for INPUT is 0.85. [Figure 19 -- “INPUT-05, Traditional vs. Statistics-only” -- shows the difference between these formulations spatially.]

Charts 18-23 present difference scores for 2005 between the Traditional (T) and new Statistics-only (S) indicators. These convey the degree to which shifting from (T) to (S) alters the relationships among the 33 nations. To a striking degree, the overall indicators -- technology-based output (TS) and the factors that enable such output (INPUT) -- find 32 nations scoring lower on the (S) metrics with only one nation (U.S.) scoring higher.