

### **Description of data files**

Daniel Bernhofen and John C. Brown, An Empirical Assessment of the Comparative Advantage Gains from Trade: Evidence from Japan, *American Economic Review*, March, 2005.

The Excel spreadsheet includes two sheets with trade and autarky price data (ExportP and ImportP), two sheets with trade data (ExportnoP and ImportnoP) and one sheet of notes and sources. The data can be used to calculate the Deardorff-Norman-Dixit index, which forms the basis of the empirical results of the paper. Autarky price data are based on prices in the period 1851-1853. Trade data are available for all of the years of the empirical analysis (1868-1875). Calculation of the index is straightforward. It is the inner product of the autarky price and net import of the particular good.

The sheets labeled ExportP and ImportP include the autarky price and the net import (export) vector for the particular commodity. The final eight columns of these two sheets provide the product of the autarky price and the quantity of net imports. Note that net exports would enter with a minus sign in any calculation of the inner product.

The sheets labeled ExportnoP and ImportnoP include the net import (export) vector for the particular commodity and the estimated autarky valuation of the net import. The estimated autarky valuation is based upon actual values in the respective year deflated by indices of import and export prices.

References for these price indices and all other price and trade data are included in the sheet labeled notes. The notes also include the metric and British (U.S.) equivalents of weights and measures.