The do file "do_Skill_Dispersion_and_Trade_Flows_jul27" contains a Stata code that generates all the figures and tables reported in the paper and online appendix. It also generates the log file that is included in these supplemental materials.

The do file uses two data files as inputs. The main file, "Skill_Disp_and_Trade_DATA.dta", contains the necessary variables to replicate the reported output, with the exception of Figure A2. Since the latter is based on a different industry classification, we found it more convenient to organize the variables required for this figure in a separate file, "TableA2.dta".

Details on the construction of variables and data sources are can be found in the paper and online appendix.

Names and descriptions of variables included in "Skill_Disp_and_Trade_DATA.dta"

VARIABLE	DESCRIPTION
exporter	Exporting country identifier
importer	Importing country identifier
Qindustry	Census02-based industry classification
lnexports	Log exports
dexports	Dummy = 1 if positive exports
ExIALSbar	Mean IALS score
ExIALSressd	Std Dev, residual IALS scores
ExIALSpresd	Std Dev, predicted IALS scores
ExIALSsd	Std Dev, IALS scores
ExIALScv	Coefficient of variation, IALS scores
ExIALSprecv	Coefficient of variation, predicted IALS scores
ExIALSres955	95 - 5 percentile difference, residual IALS scores
ExIALS955	95 - 5 percentile difference, IALS scores
ExIALSn955	95 - 5 percentile difference divided by mean, IALS scores
ExIALSpren955	95 - 5 percentile difference divided by mean, predicted IALS scores
ExIALSresmd	Mean difference, residual IALS scores
ExIALSnmd	Mean difference divided by mean, IALS scores
ExIALSmd	Mean difference, IALS scores
ExIALSprenmd	Mean difference divided by mean, predicted IALS scores
Rwagecbar	Mean wages, industry rankings
Rsdwagec	Std Dev wages, industry rankings
Rrsdragec	Std Dev residual wages, industry rankings
rsdragec	Std Dev residual wages
Rcvwagec	Coefficient of variation of wages, industry rankings
cvwagec	Coefficient of variation of wages
Rwagec955	95 - 5 percentile difference in wages, industry rankings
Rwagecn955	95 - 5 percentile difference in wages divided by mean, industry rankings
Rrragec955	95 - 5 percentile difference in residual wages divided by mean, industry ranking
Rwagecmd	Mean difference in wages, industry rankings
Rwagecnmd	Mean difference in wages divided by mean, industry rankings
Rrragecmd	Mean difference in residual wages, industry rankings
Ronet	Average ranking of ONET complementarity proxies, industry rankings
R2Qteam	ONET Teamwork intensity, industry rankings

R2Qcontact	ONET Contact intensity, industry rankings
R2Qcomm	ONET Communication intensity, industry rankings
R2Qimpact	ONET impact on co-workers performance intensity, industry rankings
Qteam50	ONET Teamwork intensity, median score
Qcontact50	ONET Contact intensity, median score
Qcomm50	ONET Communication intensity, median score
Qimpact50	ONET impact on co-workers performance intensity, median score
Improc	# of procedures, importing country (HMR 2008)
Imdays	# of days, importing country (HMR 2008)
Imcost_gni_cap	Cost as % of GNI per capita, importing country (HMR 2008)
Exproc	# of procedures, exporting country (HMR 2008)
Exdays	# of days, exporting country (HMR 2008)
Excost_gni_cap	Cost as % of GNI per capita, exporting country (HMR 2008)
common_lang	Common Language Dummy
legalsystem_same	Common Legal System Dummy
religion_same	Common Religion
border	Common Border Dummy
cu	Currency Union Dummy
ln_distance	Log of Bilateral Distance
fta	Free Trade Area Dummy
colonial	Colonial Ties Dummy
gatt_wto	GATT/WTO (# of countries in pair)
n_islands	Islands (# of countries in pair)
n_landlock	Landlocked (# of countries in pair)
Qtopcode	Proportion of workers in the industry earning a wage exceeding $175,000
Qskill1	Skill intensity, US 1996 (Nunn, 2007)
Qcapital	Capital intensity, US 1996 (Nunn, 2007)
Qdiff	Contract intensity (Nunn, 2007)
ExQc	Judicial quality measure: rule of law 1998 (Kaufmann et al 2003)
Exat_hk	Log human capital: from Antweiler and Trefler (2002)
Exat_kap	Log capital/worker: from Antweiler and Trefler (2002)
LaborRig	Labor law rigidity (Botero et al. 2004)
cshare1	Percentage of population in the first quintile of the residual IALS distribution
cshare5	Percentage of population in the fifth quintile of the residual IALS distribution

Names and descriptions of variables included in " TableA2.dta"

VARIABLE	DESCRIPTION
naics_43	Industry Classification based on NAICS 2002
rsdragec43	standard deviation within industries in the US
wageres6STD	standard deviation within industries in Canada