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A gravity approach of agricultural trade: The nexus of the EU and African, Caribbean and Pacific countries

JEREMIÁS MÁTÉ BALOGH^{1*}, NUNO CARLOS LEITÃO^{2,3}

¹Department of Agricultural Economics and Rural Development, Corvinus University of Budapest, Budapest, Hungary

²Polytechnic Institute of Santarém, Santarém, Portugal

³Center for Advanced Studies in Management and Economics of the Universidade de Évora (CEFAGE), Évora University, Évora, Portugal

*Corresponding author: jeremias.balogh@uni-corvinus.hu

Electronic supplementary material (ESM)

Table S1. Description of variables

Variable	Description	Source	Exp. sign
Dependent			
<i>EU_agri_export</i>	EU-27 member states agricultural export from EU to its trading partners, including EU and non-EU export destination (in current USD)	World Bank (2018a)	
<i>EU_agri_import</i>	agricultural import from EU to EU-27 or non-EU country, including only EU country of origin (in current USD)	World Bank (2018a)	
<i>EU_agri_trade</i>	agricultural export + agricultural import (in current USD)	World Bank (2018a)	
<i>GL_index</i>	Grubel–Lloyd index of EU and its trading partners' agricultural trade (including only EU country of origin and EU and non-EU trade destinations)	World Bank (2018a)	
Independent			
<i>ln_exp_GDP</i>	the logarithm of exporter's GDP (in current USD), including only EU member states	World Bank (2018b)	+
<i>ln_imp_GDP</i>	the logarithm of importer's GDP (in current USD), including EU and non-EU countries	World Bank (2018b)	+
<i>ln_dist_cap</i>	simple distance between the capital cities of traders in kilometres	CEPII (2018)	–
<i>landlocked</i>	1 if both traders are landlocked, 0 otherwise	CEPII (2018)	–
<i>contig</i>	1 if both traders have common borders, 0 otherwise	CEPII (2018)	+
<i>comlang_off</i>	1 if trader countries have common official primary language, 0 otherwise	CEPII (2018)	+
<i>comrelig</i>	1 if both countries have a common main religion, 0 otherwise	CEPII (2018)	+
<i>RTA</i>	1 if both countries have RTA, 0 otherwise	CEPII (2018)	+
<i>EU_O</i>	1 if origin country is an EU member in the given year	CEPII (2018)	+
<i>EU_D</i>	1 if a destination country is an EU member in the given year	CEPII (2018)	+
<i>EU_TO_ACP</i>	1 if the agricultural trade is realised between the EU and ACP countries	CEPII (2018)	+

Source: own composition

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Table S2. Descriptive statistics

Variable	Observation	Mean	Std. Dev.	Min	Max
<i>EU_agri_export</i>	133 166	60.63	469.30	0.00	27 277.93
<i>EU_agri_import</i>	133 166	60.21	434.89	0.00	19 512.57
<i>EU_agri_trade</i>	133 166	120.84	862.97	0.00	40 190.74
<i>GL_index</i>	100 468	0.25	0.31	0.00	100.00
<i>ln_exp_GDP</i>	128 436	25.87	1.72	22.00	28.99
<i>ln_imp_GDP</i>	109 336	23.69	2.43	16.33	30.60
<i>ln_dist_cap</i>	122 408	8.48	0.89	2.95	9.88
<i>landlocked</i>	133 166	0.03	0.17	0.00	1.00
<i>contig</i>	111 280	0.02	0.13	0.00	1.00
<i>comlang_off</i>	111 280	0.07	0.25	0.00	1.00
<i>comrelig</i>	103 940	0.18	0.25	0.00	1.00
<i>RTA</i>	111 236	0.27	0.45	0.00	1.00
<i>EU_O</i>	118 494	0.83	0.38	0.00	1.00
<i>EU_D</i>	111 776	0.11	0.31	0.00	1.00
<i>EU_TO_ACP</i>	111 280	0.28	0.45	0.00	1.00

Source: own calculation based on sample data