



# Erratum to: Linguistic neighbourhoods: explaining cultural borders on Wikipedia through multilingual co-editing activity

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Unfortunately, the original version of this article [1] contained an error. Within the caption of Table 2 the sentence ‘The combination of all hypotheses explains most of the variation in the data (20%)’ should have read ‘The combination of all hypotheses explains most of the variation in the data (15%)’. Table 2 has been corrected in the original article and is also included correctly below.

**Table 2** MRQAP decomposition of pairwise correspondence between concept co-occurrence and cultural factors

Model		Bilinguals	Lang. family	Religion	Gravity	Distance <sup>1</sup>	R <sup>2</sup> adj.	F-stat.	df	Intercept
1	Estimate	0.0688	0.1074	0.0900	0.0470	-0.0042*	<b>0.1458</b>	410.3	11,984	0.0066
	t-statistic	<b>27.6524</b>	<b>23.6158</b>	<b>13.4772</b>	<b>10.2732</b>	<b>-1.3422*</b>				
2	Estimate	0.0676	0.1075	0.0894	0.0464	-	0.1458	512.4	11,985	0.0067
	t-statistic	29.1517	23.6428	13.4200	10.1893	-				
3	Estimate	0.0703	0.1129	0.1022	-	-0.0009*	0.1384	482.3	11,985	0.0067
	t-statistic	28.1932	24.8853	15.4831	-	-0.2989*				
4	Estimate	0.0685	0.1080	-	0.0581	-0.0016*	0.1329	460.5	11,985	0.0074
	t-statistic	27.3119	23.5817	-	12.7773	-0.5225*				
5	Estimate	0.0716	-	0.0916	0.0598	-0.0055*	0.1061	356.9	11,985	0.0075
	t-statistic	28.1697	-	13.4180	12.8396	-1.7256*				
6	Estimate	-	0.1134	0.0881	0.0546	0.0272	0.09140	302.5	11,985	0.0070
	t-statistic	-	24.2095	12.7958	11.5815	9.0453				
7	Estimate	0.0700	0.1129	0.1020	-	-	0.1386	643.1	11,986	0.0067
	t-statistic	30.2487	24.8885	15.5098	-	-				
8	Estimate	0.0703	0.1151	-	-	0.0030*	0.1212	552.2	11,986	0.0076
	t-statistic	27.9237	25.1460	-	-	0.9388*				
9	Estimate	-	-	0.0898	0.0684	0.0272	0.0470	198.2	11,986	0.0079
	t-statistic	-	-	12.7323	14.2619	8.8191				
10	Estimate	0.0700	-	0.0909	0.0590	-	0.1060	474.8	11,986	0.0075
	t-statistic	29.5521	-	13.3370	12.7297	-				
11	Estimate	-	0.1140	-	0.0654	0.0296	0.0790	344.0	11,986	0.0077
	t-statistic	-	24.1755	-	13.9808	9.7791				
12	Estimate	0.0712	0.1151	-	-	-	0.1212	827.8	11,987	0.0076
	t-statistic	30.4703	25.1430	-	-	-				
13	Estimate	0.0738	-	-	-	0.0027	0.0749	486.5	11,987	0.0085
	t-statistic	28.6184	-	-	-	0.8295				

**Table 2 (Continued)**

Model	Bilinguals	Lang. family	Religion	Gravity	Distance <sup>1</sup>	R <sup>2</sup> adj.	F-stat.	df	Intercept
14 Estimate	–	–	–	0.0794	0.0296	0.0342	213.4	11,987	0.0086
t-statistic	–	–	–	16.7162	9.5508				
15 Estimate	0.0733	–	0.1072	–	–	0.0940	622.8	11,987	0.0076
t-statistic	30.9368	–	15.9020	–	–				
16 Estimate	–	0.1222	–	–	0.0357	0.0641	411.6	11,987	0.0080
t-statistic	–	25.9063	–	–	11.8512				
17 Estimate	–	–	0.0936	0.0741	–	0.0409	256.8	11,987	0.0080
t-statistic	–	–	13.2534	15.5280	–				
18 Estimate	–	–	–	–	0.0372	0.0118	144.1	11,988	0.0090
t-statistic	–	–	–	–	12.0025				
19 Estimate	–	–	–	0.0861	–	0.0269	333.1	11,988	0.0087
t-statistic	–	–	–	18.2514	–				
20 Estimate	–	–	0.1144	–	–	0.0217	267.1	11,988	0.0081
t-statistic	–	–	16.3447	–	–				
21 Estimate	–	0.1233	–	–	–	0.0532	674.9	11,988	0.0081
t-statistic	–	25.9798	–	–	–				
22 Estimate	0.0746	–	–	–	–	0.0749	972.2	11,988	0.0085
t-statistic	31.1808	–	–	–	–				

<sup>1</sup>Primary language.

The combination of all hypotheses explains most of the variation in the data (15%). The most plausible explanations are the number of bilinguals and shared religion. The results of MRQAP agree with the ranking of hypotheses by the HypTrails algorithm. All statistics except those labelled with \* are significant at the 0.05 level.

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#### References

1. Samoilenko A, Karimi F, Edler D, Kunegis J, Strohmaier M (2016) Linguistic neighbourhoods: explaining cultural borders on Wikipedia through multilingual co-editing activity. *EPJ Data Sci* 5:9. doi:10.1140/epjds/s13688-016-0070-8

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