



## Correction to: Cross-modal commutativity of magnitude productions

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The following errors in the published article need correction:

Column 4 of Table 2 (Appendix): Bayes factors erroneously computed for independent observations. Table 2 with the corrected values appears below.

Consequently, the statement summarizing the Bayesian statistics on commutativity in the results section needs to be changed (p. 7 of the pdf): Rather than "in eight instances", it should be "in eighteen instances" based on the corrected computation of Bayes factors.

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The original article can be found online at <https://doi.org/10.3758/s13414-021-02324-y>

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**Table 2** Wilcoxon signed-ranks tests indicating violations of cross-modal commutativity and corresponding Bayes factors in favor of the null hypothesis of the axiom to hold ( $BF_{01}$ )

Subject	Wilcoxon test		Bayes factor	Wilcoxon test		Bayes factor
	$X^{bib} (b \rightarrow l \rightarrow b)$			$X^{lbi} (l \rightarrow b \rightarrow l)$		
	$z(V)$	$p$	$BF_{01}$	$z(V)$	$p$	$BF_{01}$
HOED	-1.88	<b>.060</b>	0.797	-0.83	.409	2.776
MINI23	0.69	.490	4.600	-1.80	<b>.094</b>	0.978
KLCH06	-1.57	.116	1.240	0	1	4.977
VOSO31	0.06	.950	4.982	-1.14	.256	2.540
HEKA29	0.85	.396	3.645	-1.37	.166	1.397
DIAN07	-1.76	<b>.079</b>	1.556	-2.07	<b>.039</b>	1.114
ZESI15	-0.38	.715	4.475	-0.91	.362	3.420
SESV24	-1.26	.208	1.446	-1.58	.115	1.129
IGMA08	-2.32	<b>.020</b>	0.393	0	1	4.575
HAKA24	-0.66	.509	3.776	-0.69	.489	3.829
HEAN19	-1.00	.326	2.665	-0.77	.441	3.032
FRBR05	-2.07	<b>.035</b>	0.390	-0.50	.615	3.511
ECGE12	0.13	.900	4.621	-1.30	.195	1.757
KAGA10	-0.63	.530	4.857	1.57	.116	1.905
RUMA10	-1.13	.258	4.301	-1.47	.141	1.563
SEIR22	1.61	.108	0.534	-1.30	.195	2.033
JEGR05	-0.31	.753	4.038	-1.07	.283	3.252
STRE25	-2.98	<b>.003</b>	0.084	-0.63	.529	4.332
FRAL10	0	1	4.920	-1.51	.131	1.254
THMA12	1.57	.119	1.169	-1.04	.298	2.151

*Note.*  $z$ -scores for the Wilcoxon test statistic  $V$  and corresponding  $p$ -values are reported. All  $p < 0.1$  shown in bold type. Bayes factors indicate how likely the null hypothesis of the axiom to hold is, compared to the alternative hypothesis of a violation of commutativity