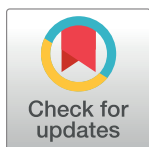


## CORRECTION

# Correction: Blue light-dependent human magnetoreception in geomagnetic food orientation

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The caption for [Table 1](#) incorrectly appears as the final paragraph of the “Human males can sense the geomagnetic field” subsection of the Results. Please see the complete, correct [Table 1](#) caption here.



## OPEN ACCESS

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**Table 1. Comparison of orientation in starved men between the normal and antiparallel current conditions.** In the normal condition, the test of a trial was performed under the ambient GMF (0°) or one of the three modulated magnetic norths (90°, 180°, and 270°). In the antiparallel current condition, the test was performed under the ambient GMF; however, subjects, who were blinded to the test condition, were still instructed to indicate the direction of the ambient/modulated magnetic north. The direction vector for each trial was calculated as a clockwise angle from the ambient magnetic north (normal-0° and °), modulated magnetic north (normal-90°, -180°, -270°) or supposedly modulated magnetic north (<sup>b</sup>).  $\alpha$ , group mean vector as a clockwise degree relative to the ambient/modulated magnetic north;  $r$ , length of the group mean vector;  $P(v)$ ,  $P$  value of the  $v$  test;  $P(\text{Rayleigh})$ ,  $P$  value of the Rayleigh test;  $n$ , number of tested subjects.

Coil current	Modulated mN (°)	Parameters of circular statistics									
		$\alpha$	$r$	$P(v)$	$P(\text{Rayleigh})$	$n$	$\alpha$	$r$	$P(v)$	$P(\text{Rayleigh})$	$n$
		No-association					Food-association				
Normal	0	115	0.21	0.71	0.43	20	342	0.28	0.04*	0.20	20
	90	179	0.14	0.82	0.67	20	9	0.30	0.03*	0.17	20
	180	13	0.11	0.25	0.79	20	26	0.32	0.03*	0.12	20
	270	63	0.27	0.22	0.23	20	359	0.29	0.03*	0.19	20
Antiparallel	0 <sup>a</sup>	168	0.31	0.97	0.15	20	164	0.29	0.96	0.20	20
	0 <sup>b</sup>	82	0.22	0.42	0.40	20	325	0.12	0.26	0.74	20

<sup>a</sup>, <sup>b</sup> The degree for the modulated mN under the antiparallel current condition—the ambient GMF. Note that <sup>a</sup> and <sup>b</sup> represent virtually different mN to which direction vector for each trial was calculated relative.

\* Statistically significant ( $P < 0.05$ )

<https://doi.org/10.1371/journal.pone.0223635.t001>

## Reference

1. Chae K-S, Oh I-T, Lee S-H, Kim S-C (2019) Blue light-dependent human magnetoreception in geomagnetic food orientation. PLoS ONE 14(2): e0211826. <https://doi.org/10.1371/journal.pone.0211826> PMID: 30763322