

**Table S1. Magnetic field parameters for modulated GMF experiments.**

MF	Player seat <sup>a</sup>	Components ( $\mu\text{T}$ )			Total Intensity ( $\mu\text{T}$ )	Relative total Intensity (%) <sup>b</sup>
		<i>X</i>	<i>Y</i>	<i>Z</i>		
Con	N	30.7	− 6.6	32.4	45.1	100
	S	29.3	− 4.1	33.2	44.5	99
$\approx 0$	N	0.0	0.0	0.0	0.0	0 <sup>c</sup>
	S	17.8	− 5.8	34.4	39.2	88 <sup>d</sup>

The intensities of the magnetic fields were the means from measurements on the glabella of the three subjects with the highest, median, and the lowest sitting height on the chair.<sup>a</sup> The north seat (N) and south seat (S) are located at the center and outside of the Helmholtz coils, respectively, on the geomagnetic north-south axis.<sup>b</sup> The relative total intensity of the S-seat magnetic field was compared to that of the corresponding N-seat in each GMF condition.<sup>c,d</sup> Relative total intensity at the N and S seats in the  $\approx 0$  condition was compared with the total intensity at the N and S seats in the Con condition, respectively. MF, magnetic field. MF conditions were named with respect to the N seat; Con, the ambient GMF;  $\approx 0$ , near-zero GMF.