

iScience, Volume 25

Supplemental information

Cervical transcutaneous spinal stimulation for spinal motor mapping

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Table S1. Participants' demographics; Related to STAR Methods.

ID	Gender	Age (year)	Height (cm)	Weight (kg)
S01	Male	47	180	74
S02	Male	23	173	65
S03	Female	29	163	69
S04	Female	26	155	61
S05	Male	36	176	76
S06	Female	20	163	84
S07	Female	18	163	54
S08	Female	20	160	50
S09	Male	21	187	90
S10	Male	37	185	98
S11	Male	26	170	91

Table S2. Maximum tolerated intensity (mA) of all study participants; Related to STAR Methods.

EL#	S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11
<u>Rostrocaudal electrodes</u>											
EL03	90	120	120	110	95	95	80	70	95	120	125
EL07	100	120	120	120	100	95	95	70	100	130	130
EL11	100	150	120	130	120	100	95	80	95	130	120
EL15	100	150	130	140	120	100	110	90	100	150	120
<u>Rostral mediolateral electrodes</u>											
EL01	90	130	110	100	115	95	80	75	135	120	120
EL02	80	130	100	120	80	75	NA	70	125	120	120
EL04	80	130	100	110	100	80	NA	70	90	120	110
EL05	90	130	110	120	110	90	75	70	130	120	120
<u>Caudal mediolateral electrodes</u>											
EL09	100	150	120	130	115	100	100	85	120	150	120
EL10	100	130	110	130	110	95	NA	80	140	140	120
EL12	100	140	120	130	120	90	NA	70	85	120	110
EL13	100	150	120	130	120	100	95	70	120	140	125

EL: electrode; Participant S07 was unable to complete the experiment at EL02, EL04, EL10, and EL12 (indicated as NA)