

Time rescaling reproduces EEG behavior during transition from propofol anesthesia-induced unconsciousness to consciousness

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ESM 1: Patients' individual results

State /	Patient n°	1	2	3	4	5	6
Number of electrodes		40	35	34	40	21	26
U	f_U (Hz)	11.3 ± 0.2	12.0 ± 0.2	11.3 ± 0.4	12.7 ± 0.6	11.0 ± 0.3	11.3 ± 0.1
U	δf_U (Hz)	2.8 ± 0.1	2.8 ± 0.2	2.6 ± 0.2	2.9 ± 0.3	2.6 ± 0.1	2.6 ± 0.1
U	Q	4.1 ± 0.2	4.3 ± 0.2	4.3 ± 0.2	4.3 ± 0.3	4.1 ± 0.2	4.3 ± 0.1
U	Amplitude (A.U)	0.9 ± 0.4	1.4 ± 0.6	1.1 ± 0.4	0.6 ± 0.3	1.2 ± 0.5	0.5 ± 0.1
C	f_U (Hz)	18.2 ± 1.1	18.5 ± 1.5	18.9 ± 1.0	19.1 ± 1.9	19.1 ± 1.4	19.2 ± 1.5
C	δf_U (Hz)	4.4 ± 0.3	4.3 ± 0.3	4.1 ± 0.2	4.4 ± 0.3	4.4 ± 0.2	4.6 ± 0.3
C	Q	4.1 ± 0.2	4.3 ± 0.2	4.6 ± 0.2	4.3 ± 0.4	4.3 ± 0.3	4.2 ± 0.3
C	Amplitude (A.U)	0.2 ± 0.1	0.4 ± 0.2	1.0 ± 0.7	0.9 ± 1.0	0.4 ± 0.2	0.2 ± 0.1
C/U	f_C / f_U	1.60 ± 0.1	1.55 ± 0.1	1.68 ± 0.1	1.52 ± 0.2	1.72 ± 0.1	1.70 ± 0.1
C/U	$\delta f_C / \delta f_U$	1.61 ± 0.1	1.56 ± 0.1	1.56 ± 0.1	1.53 ± 0.2	1.66 ± 0.1	1.72 ± 0.1
U _{Fast}	f_U (Hz)	17.9 ± 0.7	18.1 ± 1.0	18.3 ± 0.7	19.0 ± 1.0	18.9 ± 0.6	19.3 ± 0.2
U _{Fast}	δf_U (Hz)	4.4 ± 0.2	4.3 ± 0.3	4.4 ± 0.2	4.3 ± 0.4	4.6 ± 0.2	4.2 ± 0.1
U _{Fast}	Q	4.1 ± 0.2	4.2 ± 0.2	4.2 ± 0.2	4.5 ± 0.4	4.1 ± 0.2	4.2 ± 0.3
U _{Fast}	Amplitude (A.U)	0.25 ± 0.1	0.4 ± 0.2	0.4 ± 0.1	0.8 ± 0.8	0.4 ± 0.2	0.15 ± 0.05
C/U _{Fast}	f_C / f_{UFast}	1.58 ± 0.04	1.51 ± 0.05	1.62 ± 0.03	1.50 ± 0.05	1.71 ± 0.04	1.71 ± 0.05
C/U _{Fast}	$\delta f_C / \delta f_{UFast}$	1.60 ± 0.07	1.54 ± 0.1	1.66 ± 0.08	1.45 ± 0.1	1.72 ± 0.04	1.61 ± 0.05