

Auditory Electrooculogram-based Communication System for ALS Patients in Transition from Locked-in to Complete Locked-in State

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Session-Raw File Recordings Correspondence

Important Note:

The following tables include the correspondence between the Sessions Nomenclature and the available Raw Files.

Complexities of the in-situ recordings, adverse events, or the recording of sessions corresponding to other paradigms and studies, provoke that there is not an exact correspondence between the “Patient-Visit-Day-Session” Nomenclature, and the Raw Files. Therefore, the need for a table that allows to match the actual session and the available Raw Files.

In this tables there are more spelling sessions compared to the spelling sessions detailed in Table 1 and 2 of the paper. This is due to the fact that in those tables, sessions terminated completing 15 trials, or without selection of any letter have been excluded: in total 4 sessions from P11 and 6 sessions from P15 were excluded from Table 1 and Table 2.

Patient	Visit	Day	Session	Type of Session	Raw File Name	Remark		
V01		D01	S01	Training	p11d1b1	Lost File		
		D01	S02	Training	p11d1b2	Lost File		
		D01	S03	Training	p11d1b3			
		D01	S04	Feedback	p11d1b4fb1			
		D01	S05	Feedback	p11d1b5fb2			
		D01	S06	Feedback	p11d1b6fb3Correct			
		D02	S01	Feedback	p11d2b1			
		D02	S02	Feedback	p11d2b2fb2			
		D02	S03	Feedback	p11d2b3fb3	Lost File		
		D03	S01	Feedback	p11d3b1fb1			
		D03	S02	Feedback	p11d3b1fb2			
		V02		D01	S01	Training	d1_0001	
				D01	S02	Training	d1_0002	
				D01	S03	Feedback	d1_0003	
				D02	S01	Feedback	d2_0001	
D02	S02			Feedback	d2_0002			
D02	S03			Training	d2_0003			
D02	S04			Feedback	d2_0004			
D03	S01			Training	d3_0001			
D03	S02			Training	d3_0002			
D03	S03			Feedback	d3_0003			
D04	S01			Training	d4_0001			
D04	S02			Feedback	d4_0002			
V04		D01	S01	Training	p11_v04_d01_b01_trainingmotor			
		D01	S02	Training	p11_v04_d01_b02_trainingmotor			
		D01	S03	Training	p11_v04_d01_b03_trainingmotor			
		D01	S04	Training	p11_v04_d01_b04_trainingmotor			
		D01	S05	Training	p11_v04_d01_b05_trainingmotor			
		D01	S06	Training	p11_v04_d01_b06_trainingmotor			
		D01	S07	Training	p11_v04_d01_b07_trainingmotor			
		D01	S08	Training	p11_v04_d01_b08_trainingmotor			
		D01	S09	Training	p11_v04_d01_b09_trainingmotor			
		D02	S01	Training	p11_v04_d02_b1_training			
		D02	S02	Training	p11_v04_d02_b02_training			
		D02	S03	Training	p11_v04_d02_b03_training			
		D02	S04	Feedback	p11_v04_d02_b04_feedback			
		D02	S05	Training	p11_v04_d02_b05_trainingmotor			
		D02	S06	Training	p11_v04_d02_b06_trainingmotor			
		D02	S07	Training	p11_v04_d02_b07_trainingmotor			
		D02	S08	Training	p11_v04_d02_b08_trainingmotor			
		D02	S09	Training	p11_v04_d02_b09_trainingmotor			
		D02	S10	Training	p11_v04_d02_b10_trainingmotor			
		D03	S01	Training	p11_v04_d03_b02_training			
		D03	S02	Training	p11_v04_d03_b03_training			
		D03	S03	Training	p11_v04_d03_b04_training			
		D03	S04	Feedback	p11_v04_d03_b05_feedback			
		D03	S05	Feedback	p11_v04_d03_b06_feedback			
		D03	S06	Training	p11_v04_d03_b07_training			
		D03	S07	Training	p11_v04_d03_b08_training			
		D04	S01	Training	p11_v04_d04_b01_training			
D04	S02	Feedback	p11_v04_d04_b02_feedback					
		D01	S01	Training	p11_v05_d01_b02_training_01			
		D01	S02	Training	p11_v05_d01_b03_training_02			
		D01	S03	Training	p11_v05_d01_b04_training_03			

Session-Row File Correspondence

P11

V05	D01	S04	Feedback	p11_v05_d01_b05_feedback_04	
	D01	S05	Feedback	p11_v05_d01_b06_feedback_05	
	D02	S01	Training	p11_v05_d02_b02_training01	
	D02	S02	Feedback	p11_v05_d02_b03_feedback02	
	D03	S01	Training	p11_v05_d03_b02_training01	
	D03	S02	Feedback	p11_v05_d03_b03_feedback02	
	D04	S01	Training	p11_v05_d04_b02_training01	
	D04	S02	Feedback	p11_v05_d04_b03_feedback02	
V06	D01	S01	Training	p11_v06_d01_b02_Training01	
	D01	S02	Training	p11_v06_d01_b03_Training02	
	D01	S03	Feedback	p11_v06_d01_b04_Feedback03	
	D01	S04	Feedback	p11_v06_d01_b05_Feedback04	
	D01	S05	Feedback	p11_v06_d01_b06_Feedback05	
	D01	S07	Speller	p11_v06_d01_b08_Speller07	Bug in code
	D02	S01	Training	p11_v06_d02_b02_Training01	
	D02	S02	Training	p11_v06_d02_b03_Training02	
	D02	S03	Feedback	p11_v06_d02_b04_Feedback03	
	D02	S04	Feedback	p11_v06_d02_b05_Feedback04	
	D02	S07	Speller	p11_v06_d02_b08_Speller07	Bug in code
	D02	S08	Speller	p11_v06_d02_b09_Speller08	14 trials
	D02	S09	Speller	p11_v06_d02_b10_Speller09	
	D02	S10	Speller	p11_v06_d02_b11_Speller10	
	D03	S01	Training	p11_v06_d03_b02_Training01	
	D03	S02	Feedback	p11_v06_d03_b03_Feedback02	
	D03	S03	Feedback	p11_v06_d03_b04_Feedback03	
	D03	S04	Feedback	p11_v06_d03_b05_Feedback04	
	D03	S05	Feedback	p11_v06_d03_b06_Feedback05	
	D03	S06	Feedback	p11_v06_d03_b07_Feedback06	
D03	S09	Speller	p11_v06_d03_b10_Speller09		
D03	S10	Speller	p11_v06_d03_b11_Speller10		
D03	S11	Speller	p11_v06_d03_b12_Speller11		
V07	D02	S01	Training	p11_v07_d02_b02_training01	
	D02	S02	Training	p11_v07_d02_b03_training02	
	D02	S03	Feedback	p11_v07_d02_b04_feedback03	
	D02	S04	Feedback	p11_v07_d02_b05_feedback04	
	D02	S06	Speller	p11_v07_d02_b07_speller06	
	D02	S07	Speller	p11_v07_d02_b08_speller07	
	D02	S08	Speller	p11_v07_d02_b09_speller08	
	D02	S09	Speller	p11_v07_d02_b10_speller09	
	D02	S10	Speller	p11_v07_d02_b11_speller10	
	D02	S11	Speller	p11_v07_d02_b12_speller11	
	D03	S01	Training	p11_v07_d03_b02_training01	
	D03	S02	Training	p11_v07_d03_b03_training02	
	D03	S03	Feedback	p11_v07_d03_b04_feedback03	
	D03	S04	Training	p11_v07_d03_b05_training04	
D03	S05	Feedback	p11_v07_d03_b06_feedback05		
D03	S09	Feedback	p11_v07_d03_b11_feedback09		
	D01	S01	Training	p11_v08_d01_b02_Training01	
	D01	S02	Training	p11_v08_d01_b03_Training02	
	D01	S03	Training	p11_v08_d01_b04_Training03	
	D01	S04	Training	p11_v08_d01_b05_Training04	
	D01	S05	Feedback	p11_v08_d01_b06_Feedback05	
	D01	S06	Speller	p11_v08_d01_b07_Speller06	
	D01	S07	Speller	p11_v08_d01_b08_Speller07	
	D02	S01	Training	p11_v08_d02_b02_Training01	

Session-Row File Correspondence

	V08	D02	S02	Feedback	p11_v08_d02_b03_Feedback02	
		D02	S03	Speller	p11_v08_d02_b04_Speller03	
		D02	S04	Speller	p11_v08_d02_b05_Speller04	
		D02	S05	Speller	p11_v08_d02_b06_Speller05	
		D03	S01	Training	p11_v08_d03_b02_training01	
		D03	S02	Feedback	p11_v08_d03_b03_feedback02	
		D03	S05	Feedback	p11_v08_d03_b06_feedback05	
		D03	S06	Feedback	p11_v08_d03_b07_feedback06	
		D03	S07	Feedback	p11_v08_d03_b08_feedback07	
		D03	S08	Speller	p11_v08_d03_b09_speller08	Bug in code
		D03	S09	Speller	p11_v08_d03_b10_speller09	Bug in code
		D04	S01	Training	p11_v08_d04_b02_training	
		D04	S02	Feedback	p11_v08_d04_b03_feedback02	
		D04	S03	Feedback	p11_v08_d04_b04_feedback03	
		D04	S04	Feedback	p11_v08_d04_b05_feedback04	
	D04	S05	Feedback	p11_v08_d04_b06_feedback05		
	V09	D01	S01	Training	p11_v09_d01_b02training01	
		D01	S02	Training	p11_v09_d01_b03training02	
		D01	S03	Feedback	p11_v09_d01_b04feedback03	
		D01	S04	Feedback	p11_v09_d01_b05feedback04	
		D01	S05	Feedback	p11_v09_d01_b06feedback06	
		D01	S06	Training	p11_v09_d01_b07training06	
		D01	S07	Training	p11_v09_d01_b08training07	
		D01	S08	Feedback	p11_v09_d01_b09feedback08	
		D01	S09	Speller	p11_v09_d01_b10speller09	
		D02	S01	Training	p11_v09_d02_b02training01	
		D02	S02	Feedback	p11_v09_d02_b03feedback02	
		D02	S03	Feedback	p11_v09_d02_b04feedback03	
		D02	S04	Speller	p11_v09_d02_b05speller04	
		D02	S05	Speller	p11_v09_d02_b06speller05	
		V10	D01	S01	Training	p11_v10_d01_b02_training01
	D01		S02	Training	p11_v10_d01_b03_training02	
	D01		S03	Training	p11_v10_d01_b04_training03	
	D01		S04	Training	p11_v10_d01_b05_training04	
	D01		S05	Training	p11_v10_d01_b06_training05	
	D01		S06	Training	p11_v10_d01_b07_training06	
	D01		S07	Feedback	p11_v10_d01_b08_feedback07	
	D01		S08	Feedback	p11_v10_d01_b09_feedback08	
	D01		S09	Speller	p11_v10_d01_b10_speller09	
	D01		S10	Speller	p11_v10_d01_b11_speller10	5 trials
	D01		S11	Training	p11_v10_d01_b12_training11	
	D01		S12	Feedback	p11_v10_d01_b13_feedback12	

Patient	Visit	Day	Session	Type of Session	Raw File Name	Remark
P13	V01	D01	S01	Training	d1_0001	
		D01	S02	Training	d1_0002	
		D01	S03	Training	d1_0003	
		D02	S01	Training	d2_0001	
		D02	S02	Training	d2_0002	
		D02	S03	Feedback	d2_0003_fb1	
		D02	S04	Feedback	d2_0004_fb2	
		D03	S01	Training	d3_0001	
		D03	S02	Feedback	d3_0002_fb1	
	V02	D01	S01	Training	p13_v02_d01_b01_training01	
		D01	S02	Training	p13_v02_d01_b02_training02	
		D01	S03	Training	p13_v02_d01_b03_training03	
		D01	S04	Feedback	p13_v02_d01_b04_feedback01	
		D01	S05	Feedback	p13_v02_d01_b05_feedback02	
		D02	S01	Training	p13_v02_d02_b2_training1	
		D02	S02	Feedback	p13_v02_d02_b3_feedback1	
		D02	S03	Feedback	p13_v02_d02_b4_feedback2	
		D03	S01	Training	p13_v02_d03_b02_training01	
		D03	S02	Feedback	p13_v02_d03_b03_feedback01	
		D03	S03	Speller	p13_v02_d03_b04_speller01	Bug in code
		D03	S04	Speller	p13_v02_d03_b05_speller02	Bug in code
		D03	S05	Speller	p13_v02_d03_b06_speller03	
		D03	S06	Speller	p13_v02_d03_b07_speller04	
		D03	S07	Speller	p13_v02_d03_b08_speller05	
	V03	D01	S01	Training	p13_v03_d01_b01_tr01	
		D01	S02	Training	p13_v03_d01_b02_fb01	
		D01	S03	Training	p13_v03_d01_b02_fb03	
		D01	S04	Feedback	p13_v03_d01_b02_fb04	
		D01	S05	Feedback	Contained in the V03D01S04	
		D02	S01	Training	p13_v03_d02_b01_tr01	
		D02	S02	Training	p13_v03_d02_b02_tr02	
		D02	S03	Feedback	p13_v03_d02_b03_fb01	
		D02	S04	Feedback	p13_v03_d02_b04_fb02	
		D02	S05	Speller	p13_v03_d02_b05_sp01	
		D02	S06	Speller	p13_v03_d02_b06_sp02	
		D02	S07	Speller	p13_v03_d02_b07_sp03	
		D02	S08	Speller	p13_v03_d02_b08_sp04	
		D03	S01	Feedback	p13_v03_d03_b01_fb01	
		D03	S02	Speller	p13_v03_d03_b02_sp01	
		D04	S01	Feedback	p13_v03_d04_b01_fb01	
		D04	S02	Speller	p13_v03_d04_b02_sp01	
		D04	S03	Speller	p13_v03_d04_b03_sp02	
V04	D01	S01	Training	p13_v04_d01_b0001		
	D01	S02	Training	p13_v04_d01_b0002		
	D01	S03	Feedback	p13_v04_d01_b0003		
	D01	S04	Feedback	p13_v04_d01_bf0003		
	D01	S05	Feedback	p13_v04_d01_bf0004		
	D01	S06	Feedback	p13_v04_d01_bf0005		
	D02	S01	Training	p13_v04_d02_b0001		
	D02	S02	Training	p13_v04_d02_b0002		
	D02	S03	Training	p13_v04_d02_btf0003		
	D02	S04	Training	p13_v04_d02_btf0004		
	D02	S05	Feedback	p13_v04_d02_bAF0005		

Session-Raw File Correspondence

V04	D02	S06	Feedback	p13_v04_d02_baf0010	
	D02	S07	Feedback	p13_v04_d02_baf0011	
	D02	S08	Speller	p13_v04_d02_bSP0012	
	D02	S09	Speller	p13_v04_d02_bsp0013	
	D03	S01	Training	p13_v04_d03_b0001	
	D03	S02	Training	p13_v04_d03_b0002	
	D03	S03	Training	p13_v04_d03_btf0003	
	D03	S04	Feedback	p13_v04_d03_baf0004	
	D03	S05	Speller	p13_v04_d03_bSP0005	
	D03	S06	Speller	p13_v04_d03_bSp0006	
	D03	S07	Speller	p13_v04_d03_bSP0007	
	D03	S08	Speller	p13_v04_d03_bsp0008	
	D04	S01	Training	p13_v04_d04_b0001	
	D04	S02	Training	p13_v04_d04_b0002	
	D04	S03	Training	p13_v04_d04_btf0003	
	D04	S04	Speller	p13_v04_d04_bsp0004	
	D04	S05	Speller	p13_v04_d04_bsp0005	
	D04	S06	Speller	p13_v04_d04_bsp0006	

Patient	Visit	Day	Session	Type of Session	Raw File Name	Remark
P15	V01	D01	S01	Training	p15_v01_d01_b01_training01	
		D01	S02	Feedback	p15_v01_d01_b02_feedback01	
		D01	S03	Feedback	p15_v01_d01_b03_feedback02	
		D01	S04	Feedback	p15_v01_d01_b04_feedback03	
		D02	S01	Feedback	p15_v01_d02_b02_feedback	Lost File
		D02	S02	Feedback	p15_v01_d02_b02_feedback	
		D03	S01	Training	p15_v01_d03_b0001_training01	
		D03	S02	Feedback	p15_v01_d03_b02_feedback01	
		D03	S03	Speller	p15_v01_d03_b03_speller01	Only "yes"
		D03	S04	Speller	p15_v01_d03_b04_speller02_ok	
		D03	S05	Feedback	p15_v01_d03_b05_feedback02	
		D03	S06	Speller	p15_v01_d03_b06_speller03	No selection
		D03	S07	Speller	p15_v01_d03_b07_spelller04	Only "no"
		D04	S01	Training	p15_v01_d04_b01_training	
		D04	S02	Feedback	p15_v01_d04_b02_feedback	
		D04	S05	Speller	p15_v01_d04_b05_speller01	
		D04	S06	Speller	p15_v01_d04_b06_speller02	
		D04	S07	Speller	p15_v01_d04_b07_speller03	Only "yes"
	D04	S08	Speller	p15_v01_d04_b08_speller04	Only "yes"	
	D04	S09	Speller	p15_v01_d04_b08_speller04	Only "yes"	
	V02	D01	S01	Training	p15_v02_d01_b01_training	
		D01	S02	Training	p15_v02_d01_b02_training02	
		D01	S03	Feedback	p15_v02_d01_b03_feedback	
		D01	S04	Feedback	p15_v02_d01_b04_feedback	
		D01	S05	Feedback	p15_v02_d01_b05_feedback	
		D01	S06	Speller	p15_v02_d01_b06_speller	No selection
		D01	S07	Speller	p15_v02_d01_b07_speller	
		D02	S01	Feedback	p15_v02_d02_b02_training	
		D02	S02	Speller	p15_v02_d02_b03_speller	
		D02	S03	Speller	p15_v02_d02_b04_speller	
		D02	S04	Speller	p15_v02_d02_b05_speller	
		D03	S01	Feedback	p15_v02_d03_b02_feedback	
		D03	S02	Feedback	p15_v02_d03_b03_feedback	
		D03	S03	Feedback	p15_v02_d03_b04_feedback	
		D03	S04	Feedback	p15_v02_d03_b05_feedback	
		D03	S05	Feedback	p15_v02_d03_b06_feedback	
D03		S06	Feedback	p15_v02_d03_b07_feedback		
D03		S07	Speller	p15_v02_d03_b08_speller		
D03	S08	Speller	p15_v02_d03_b09_speller	No selection		
D03	S09	Speller	p15_v02_d03_b10_speller	No selection		
D03	S14	Speller	p15_v02_d03_b15_speller	Only "no"		

Patient	Visit	Day	Session	Type of Session	Raw File Name	Remark
P16	V01	D01	S01	Training	p16_v01_d01_b0001_tr01	
		D01	S02	Training	p16_v01_d01_b0002_fb01	
		D01	S03	Training	p16_v01_d01_b0003_fb02	
		D01	S04	Training	p16_v01_d01_b0004_fb03	
		D01	S05	Feedback	p16_v01_d01_b0005_fb04	
		D02	S01	Training	p16_v01_d01_b0001_fb01	
		D02	S02	Feedback	p16_v01_d01_b0002_fb02	
		D02	S03	Feedback	p16_v01_d01_b0003_fb03	
		D02	S04	Feedback	p16_v01_d01_b0004_fb04	
		D02	S07	Speller	p16_v01_d01_b0007_sp03	
		D02	S08	Speller	p16_v01_d01_b0008_sp04	
		D03	S01	Training	p16_v01_d03_b0001_fb01	
		D03	S02	Feedback	p16_v01_d03_b0002_fb02	
		D03	S03	Feedback	p16_v01_d03_b0003_fb03	
		D03	S04	Feedback	p16_v01_d03_b0004_fb04	
		D03	S05	Speller	p16_v01_d03_b0005_sp01	Only "Yes"
		D03	S06	Speller	p16_v01_d03_b0006_sp02	Only "No"
		D03	S07	Training	p16_v01_d03_b0007_tr01	
		D03	S08	Feedback	p16_v01_d03_b0008_fb05	
		D03	S09	Training	p16_v01_d03_b0009_fb06	
		D03	S10	Training	p16_v01_d03_b0010_fb07	
		D04	S01	Training	p16_v01_d04_b0001_tr01	
		D04	S02	Training	p16_v01_d04_b0002_tr02	
		D04	S03	Training	p16_v01_d04_b0003_tr03	
		D04	S04	Training	p16_v01_d04_b0004_tr04	
		D04	S05	Feedback	p16_v01_d04_b0005_fb03	
		D04	S06	Feedback	p16_v01_d04_b0006_fb04	
		D04	S07	Speller	p16_v01_d04_b0006_sp01	
		D04	S08	Speller	p16_v01_d04_b0007_sp02	Signal noisy
		D05	S01	Training	p16_v01_d05_b0001_tr01	
	D05	S02	Training	p16_v01_d05_b0002_tr02		
	D05	S03	Training	p16_v01_d05_b0003_tr03		
	D05	S04	Feedback	p16_v01_d05_b0003_fb02		
	D05	S05	Speller	p16_v01_d05_b0004_sp01		
	D05	S06	Speller	p16_v01_d05_b0005_sp02		
	D01	S01	Training	p06_v02_d0001_b01_tr01		
	D01	S02	Training	p06_v02_d0001_b02_tr02		
	D01	S03	Training	p06_v02_d0001_b03_tr03		
	D01	S04	Training	p06_v02_d0001_b04_tr04		
	D01	S05	Training	p06_v02_d0001_b05_tr05		
	D01	S06	Training	p06_v02_d0001_b06_tr06		
	D01	S07	Training	p06_v02_d0001_b07_tr07		
	D02	S01	Training	p06_v02_d02_b00001_tr01		
	D02	S02	Training	p06_v02_d02_b00002_tr02		
	D02	S03	Feedback	p06_v02_d02_b00003_fb01		
	D02	S04	Feedback	p06_v02_d02_b00004_fb02		
	D02	S05	Feedback	p06_v02_d02_b00005_fb03		
	D02	S06	Speller	p06_v02_d02_b00005_sp01		
	D03	S01	Training	p06_v02_d03_b00001_tr01		
	D03	S02	Training	p06_v02_d03_b00002_tr02		
D03	S03	Feedback	p06_v02_d03_b00003_fb01			
D03	S04	Feedback	p06_v02_d03_b00004_fb02			
D03	S05	Speller	p06_v02_d03_b00005_sp01			

Session-Raw File Correspondence

D04	S01	Training	p06_v02_d04_b00001_tr01	
D04	S02	Training	p06_v02_d04_b00002_tr02	
D04	S03	Feedback	p06_v02_d04_b00003_fb01	
D04	S04	Feedback	p06_v02_d04_b00004_fb02	
D04	S05	Feedback	p06_v02_d04_b00005_fb03	
D04	S06	Feedback	p06_v02_d04_b00006_fb04	
D04	S07	Feedback	p06_v02_d04_b00007_fb05	
D04	S08	Feedback	p06_v02_d04_b00008_fb06	
D04	S09	Speller	p06_v02_d04_b00009_fb07	