

Figure A.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) depicting the bootstrap ratios of the element saliences of the 1st PLS LV for the comparison Natural Dynamic with Static. The respective brain scores' contrasts are shown as bar graphs at the bottom left corners of each plot.

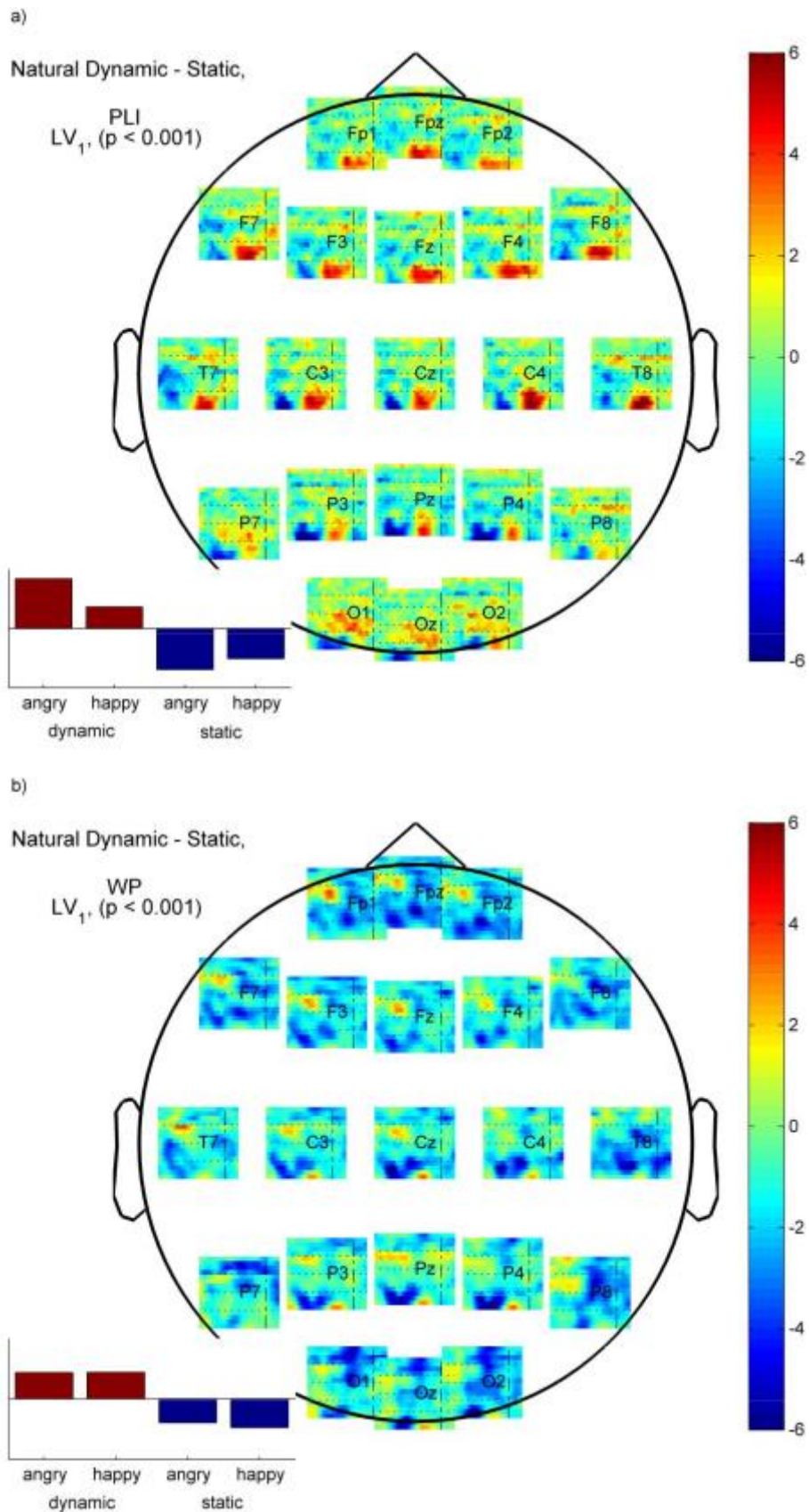
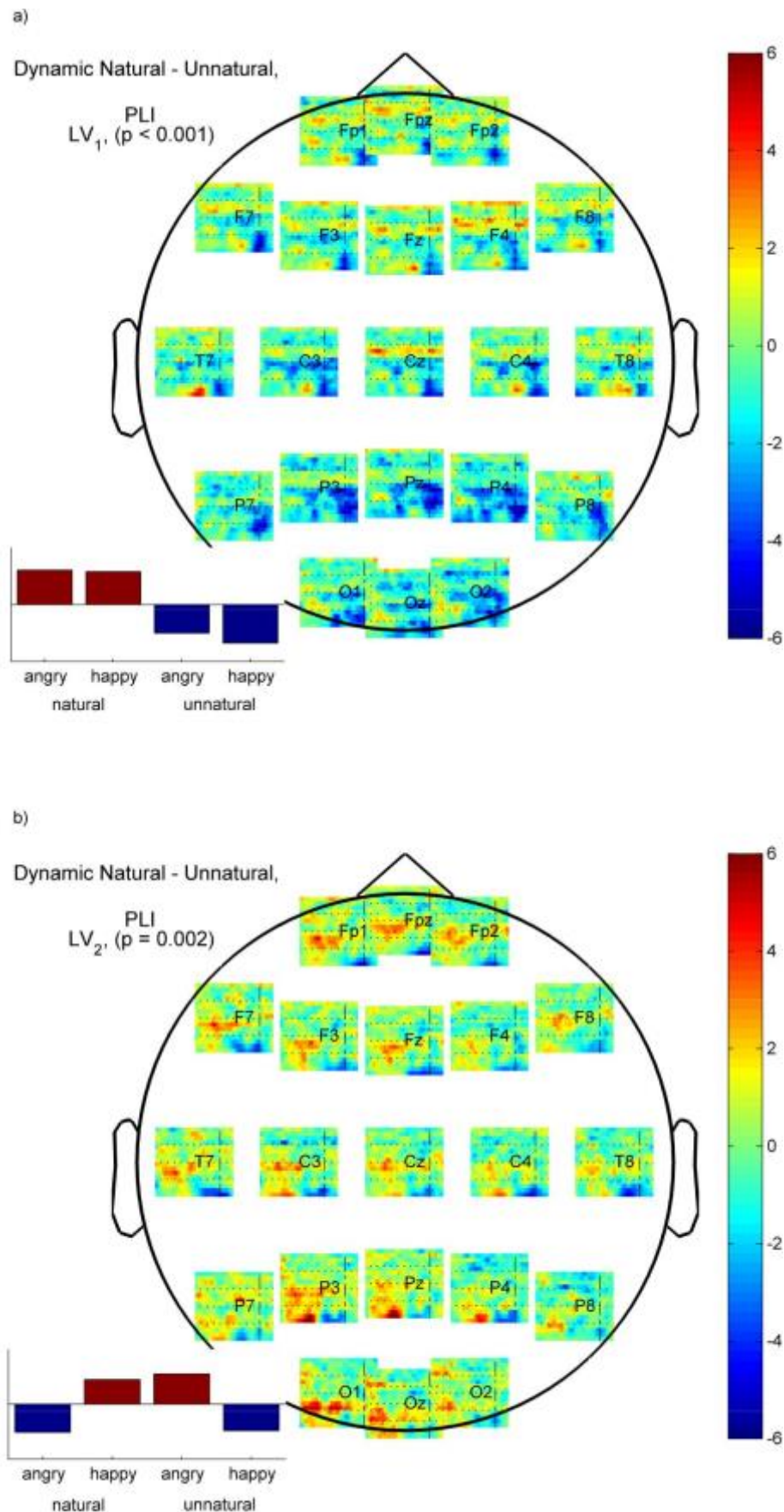


Figure B.

Topography with *PLI* (a) and *WP* (c) time-frequency diagrams (21 electrodes of the 10-20 international system) depicting the bootstrap ratios of the element saliences of the 1st PLS LV for the comparison Natural Dynamic with Dynamic Unnatural. (b) shows the 2nd significant LV for *PLI* describing the interaction effect between the MOTION and EXPRESSION factors. The respective brain scores' contrasts are shown as bar graphs at the bottom left corners of each plot.



c)

Dynamic Natural - Unnatural,

WP
LV₁, (p < 0.001)

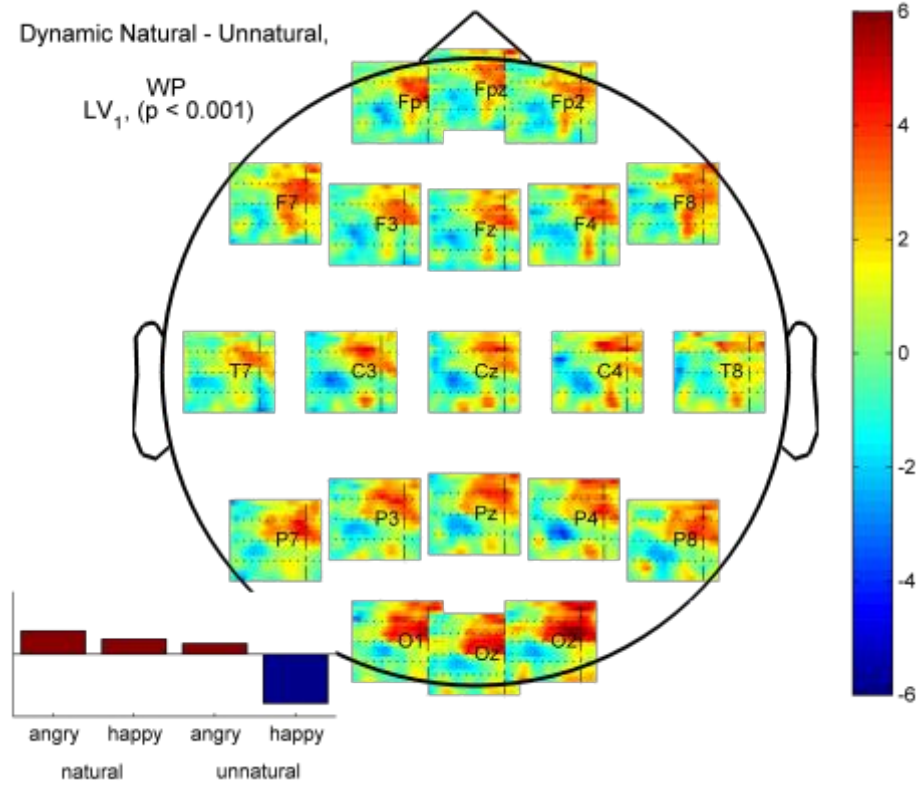


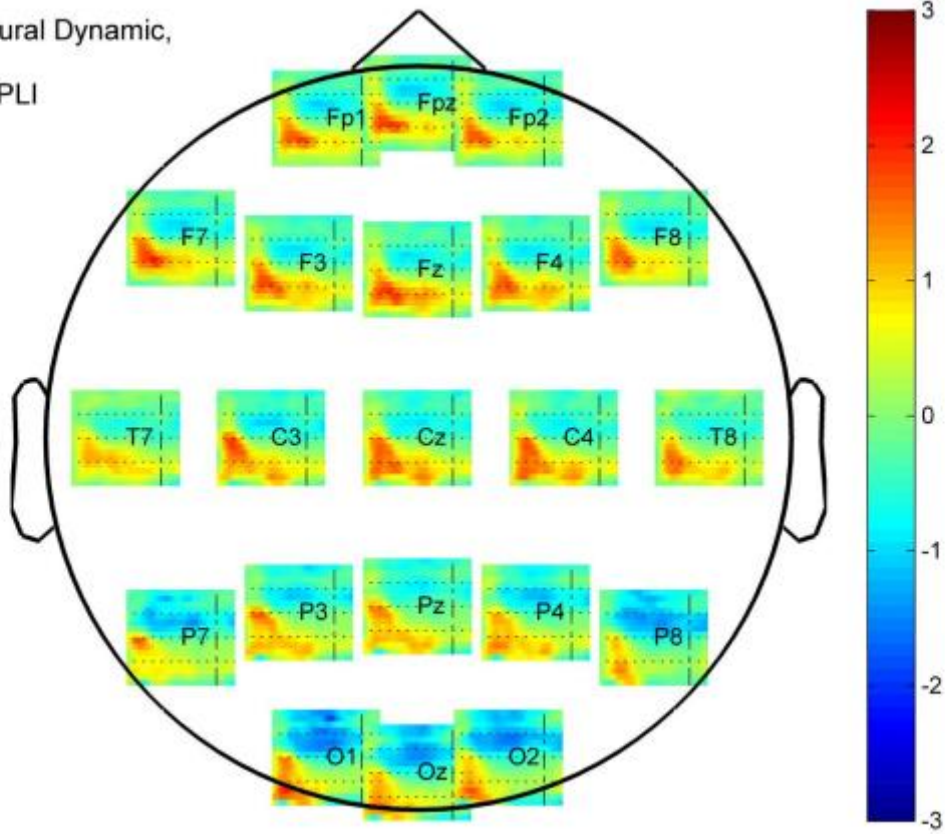
Figure C.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) of the Angry Natural Dynamic condition.

a)

Angry Natural Dynamic,

PLI



b)

Angry Natural Dynamic,

WP

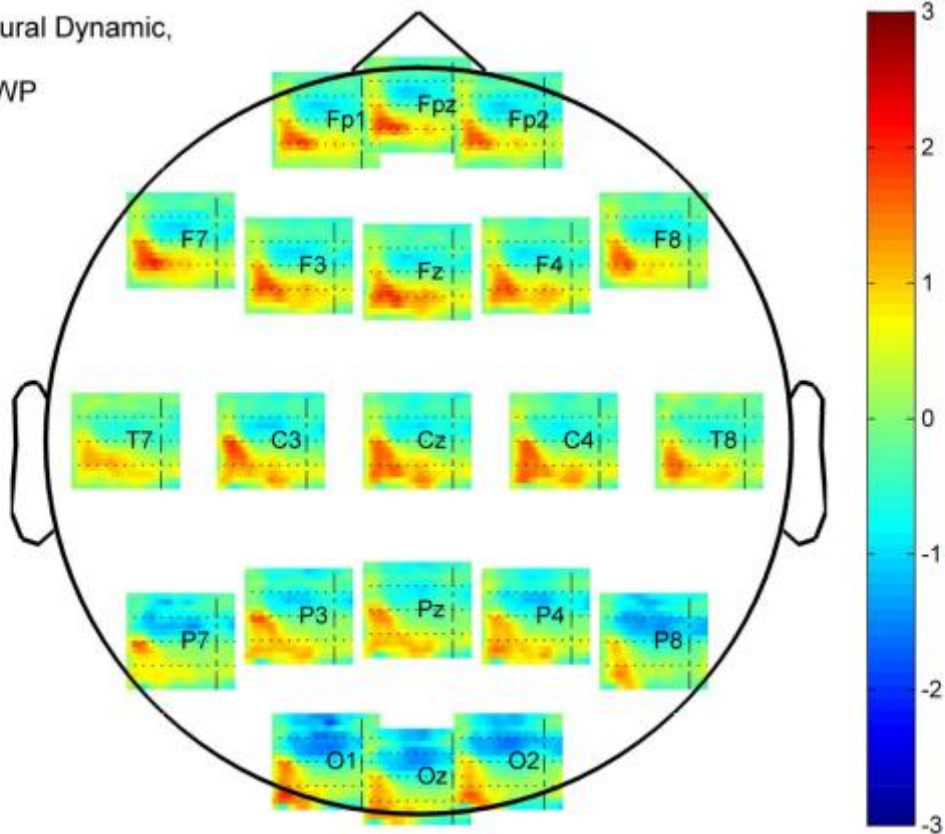


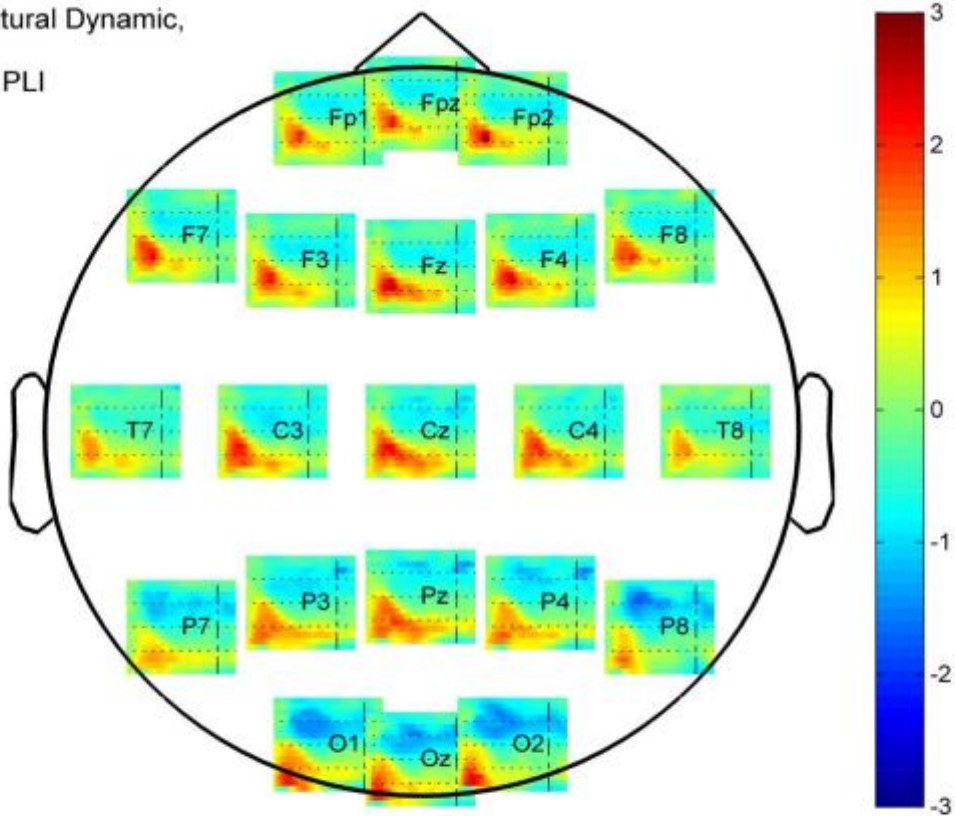
Figure D.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) of the Happy Natural Dynamic condition.

a)

Happy Natural Dynamic,

PLI



b)

Happy Natural Dynamic,

WP

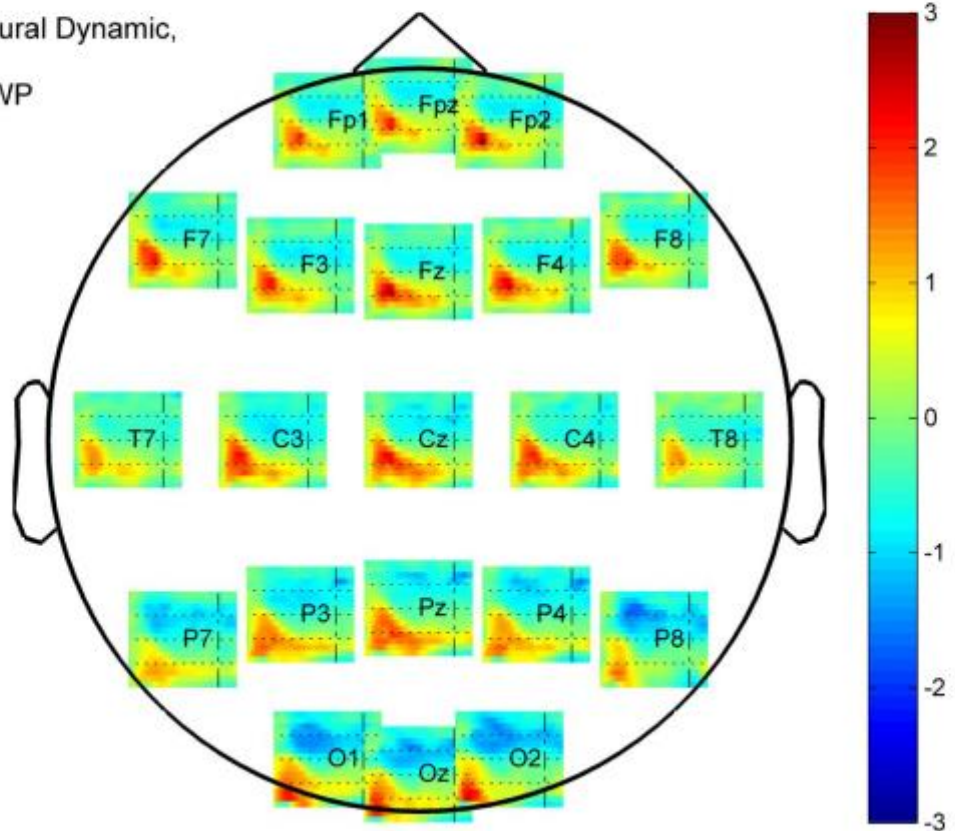


Figure E.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) of the Angry Static condition.

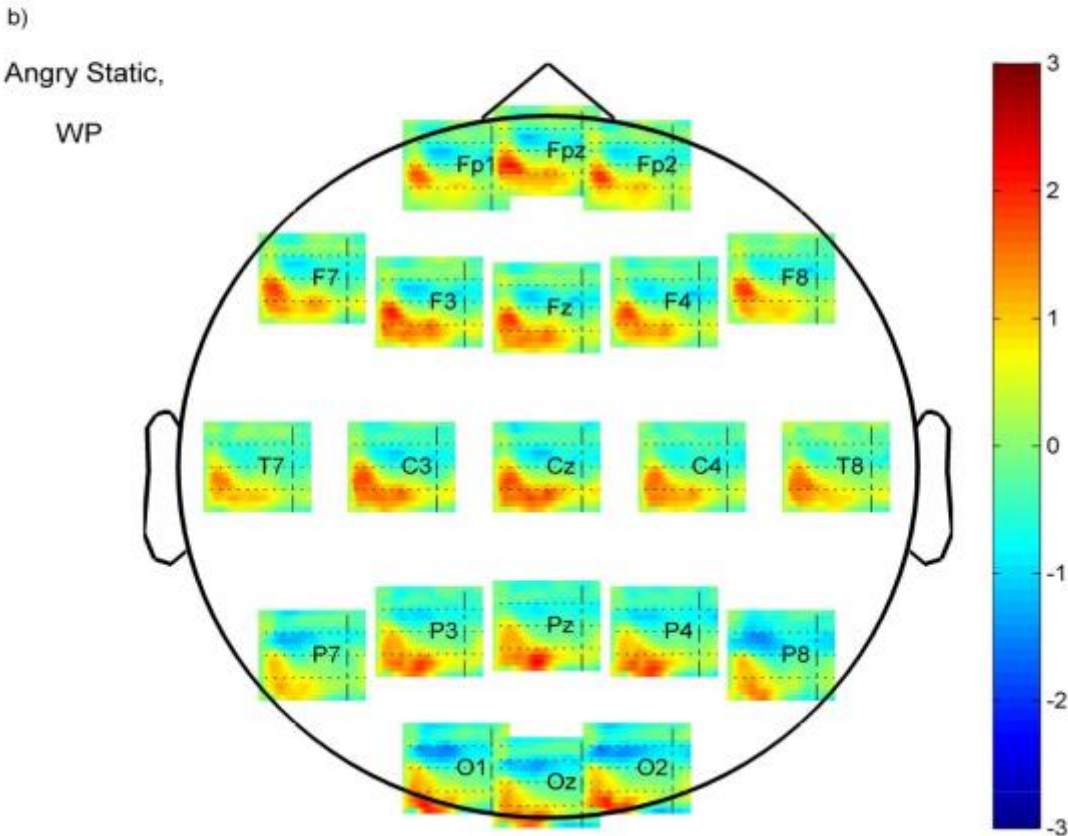
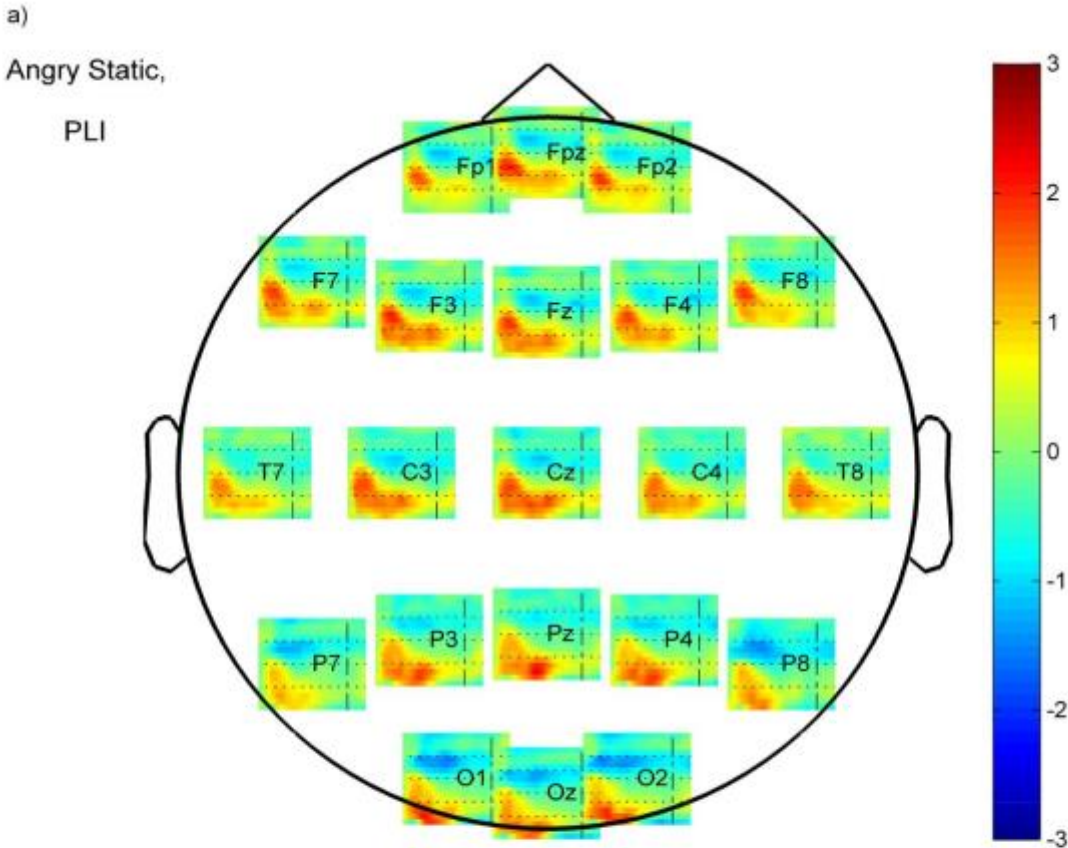


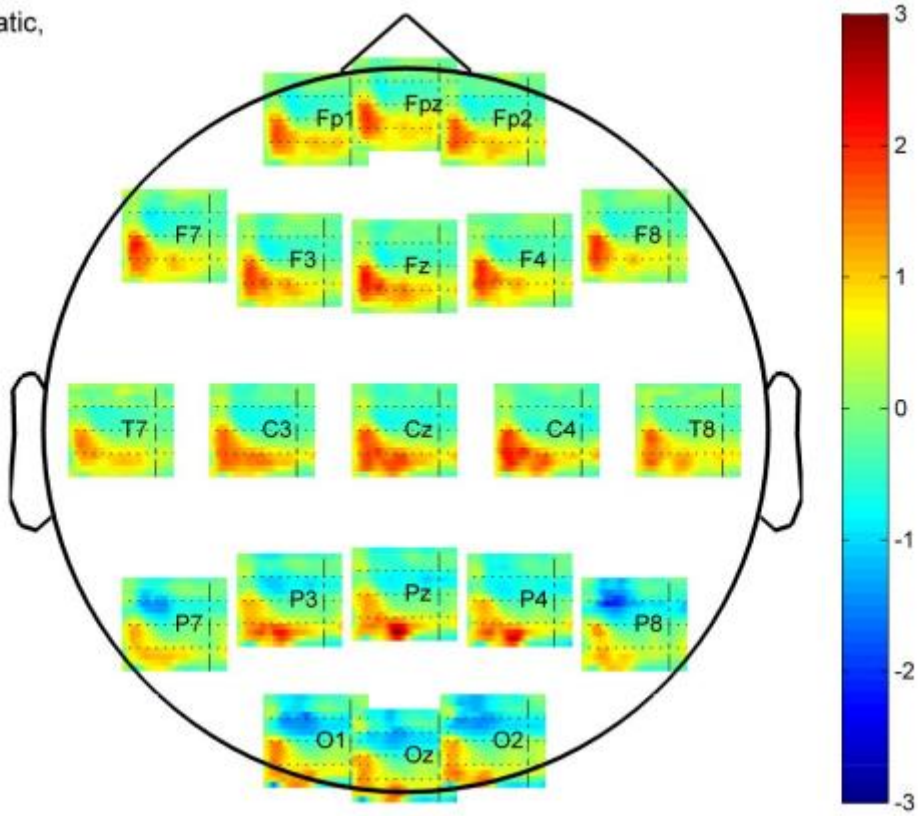
Figure F.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) of the Happy Static condition.

a)

Happy Static,

PLI



b)

Happy Static,

WP

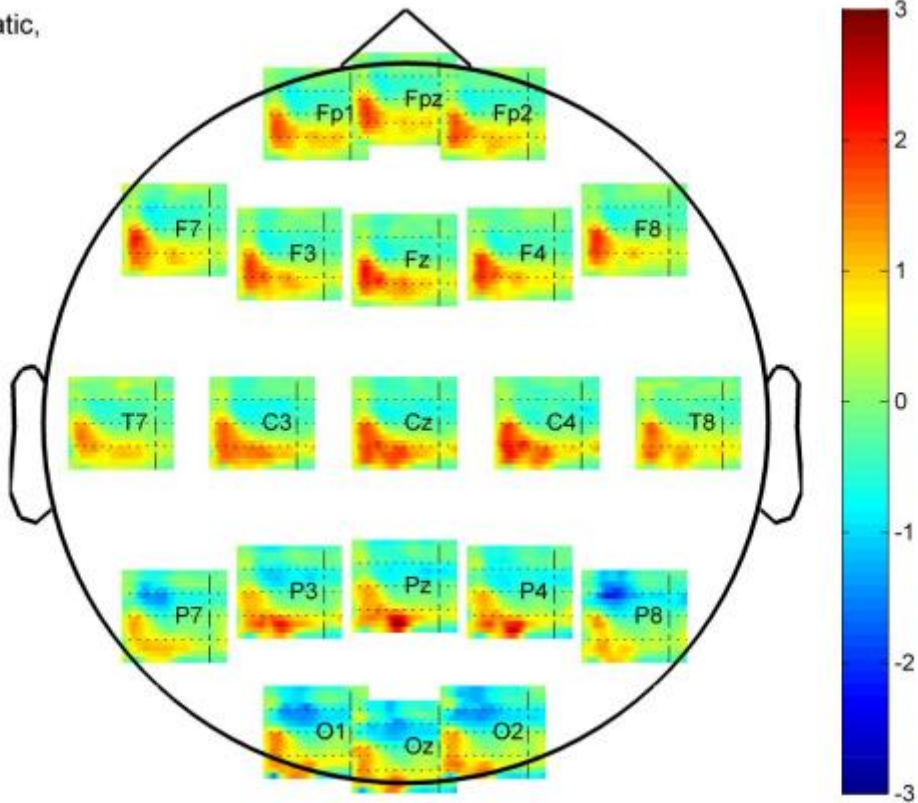


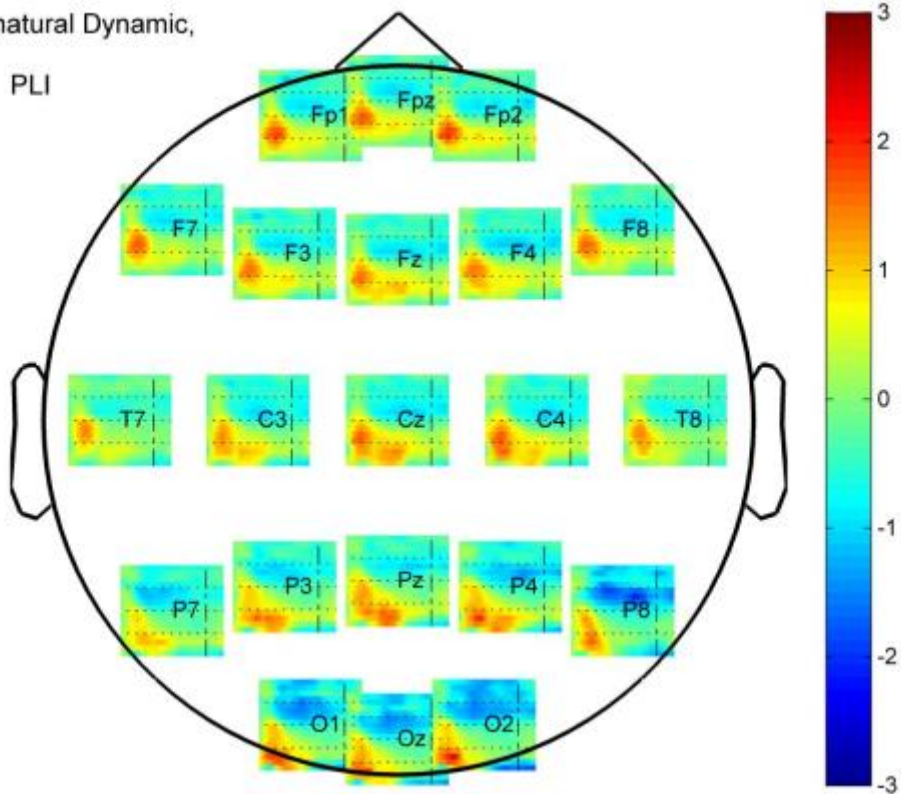
Figure G.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) of the Angry Unnatural Dynamic condition.

a)

Angry Unnatural Dynamic,

PLI



b)

Angry Unnatural Dynamic,

WP

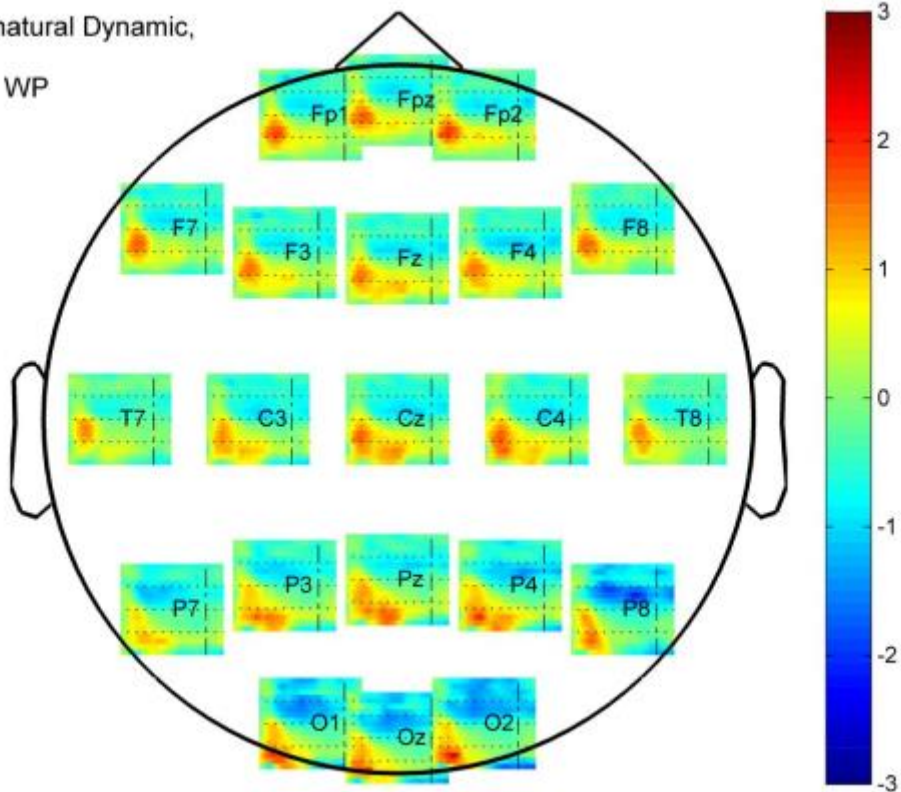


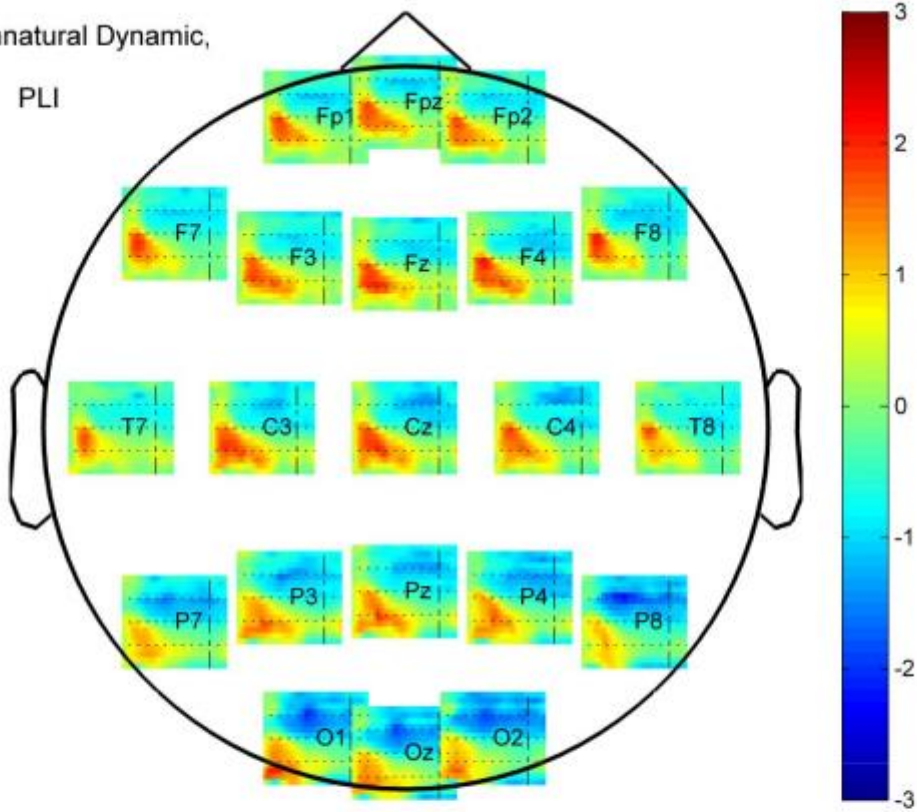
Figure H.

Topography with *PLI* (a) and *WP* (b) time-frequency diagrams (21 electrodes of the 10-20 international system) of the Happy Unnatural Dynamic condition.

a)

Happy Unnatural Dynamic,

PLI



b)

Happy Unnatural Dynamic,

WP

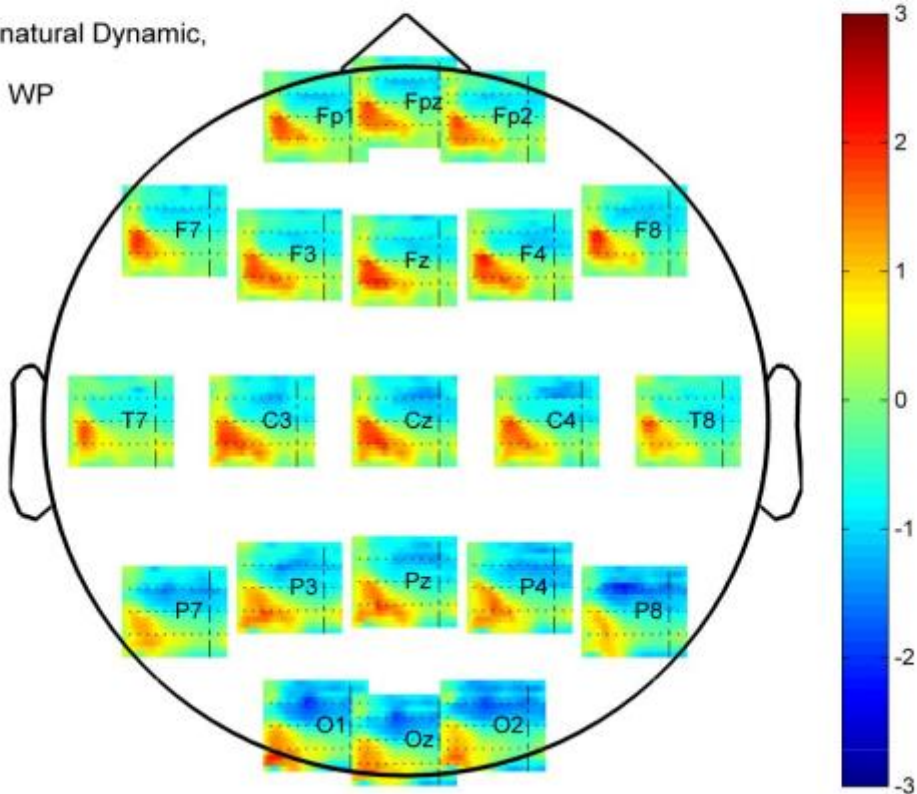


Table A

Validation rating for variable 'Angry'.

(Friedman test with "hsd" correction, using MATLAB function multcompare.m)

'Cond A'	'Cond B'	'lower 95% bound'	'mean'	'upper 95% bound'	'p-value'
EXPRESSION					
'angry'	'happy'	6,31841	9,83621	13,35401	0,00000*
MOTION					
'dynamic'	'static'	-2,90701	1,29957	5,50615	0,74922
'dynamic'	'unnatural'	-6,99969	-2,79310	1,41348	0,26487
'static'	'unnatural'	-8,29926	-4,09267	0,11391	0,05859
EXPRESSION x MOTION					
'angry-dynamic'	'angry-static'	-3,73547	1,37931	6,49410	0,97279
'angry-dynamic'	'angry-unnatural'	-5,53720	-0,42241	4,69237	0,99990
'angry-dynamic'	'happy-dynamic'	6,35504	11,46983	16,58461	0,00000*
'angry-dynamic'	'happy-static'	7,57487	12,68966	17,80444	0,00000*
'angry-dynamic'	'happy-unnatural'	1,19125	6,30603	11,42082	0,00590 *
'angry-static'	'angry-unnatural'	-6,91651	-1,80172	3,31306	0,91685
'angry-static'	'happy-dynamic'	4,97573	10,09052	15,20530	0,00000*
'angry-static'	'happy-static'	6,19556	11,31034	16,42513	0,00000*
'angry-static'	'happy-unnatural'	-0,18806	4,92672	10,04151	0,06672
'angry-unnatural'	'happy-dynamic'	6,77746	11,89224	17,00703	0,00000*
'angry-unnatural'	'happy-static'	7,99728	13,11207	18,22685	0,00000*
'angry-unnatural'	'happy-unnatural'	1,61366	6,72845	11,84323	0,00245*
'happy-dynamic'	'happy-static'	-3,89496	1,21983	6,33461	0,98423
'happy-dynamic'	'happy-unnatural'	-10,27858	-5,16379	-0,04901	0,04627*
'happy-static'	'happy-unnatural'	-11,49841	-6,38362	-1,26884	0,00505*

Table B

Validation rating for variable 'Happy'.

(Friedman test with "hsd" correction, using MATLAB function multcompare.m)

'Cond A'	'Cond B'	'lower 95% bound'	'mean'	'upper 95% bound'	'p-value'
EXPRESSION					
'angry'	'happy'	-14,14495	-10,64080	-7,13666	0,00000*
MOTION					
'dynamic'	'static'	-5,85404	-1,66379	2,52646	0,62090
'dynamic'	'unnatural'	-1,99628	2,19397	6,38421	0,43708
'static'	'unnatural'	-0,33249	3,85776	8,04801	0,07862
EXPRESSION x MOTION					
'angry-dynamic'	'angry-static'	-7,11216	-2,01724	3,07768	0,86977
'angry-dynamic'	'angry-unnatural'	-6,28027	-1,18534	3,90958	0,98590
'angry-dynamic'	'happy-dynamic'	-18,22423	-13,12931	-8,03439	0,00000*
'angry-dynamic'	'happy-static'	-19,53458	-14,43966	-9,34473	0,00000*
'angry-dynamic'	'happy-unnatural'	-12,65096	-7,55603	-2,46111	0,00034*
'angry-static'	'angry-unnatural'	-4,26303	0,83190	5,92682	0,99729
'angry-static'	'happy-dynamic'	-16,20699	-11,11207	-6,01715	0,00000*
'angry-static'	'happy-static'	-17,51734	-12,42241	-7,32749	0,00000*
'angry-static'	'happy-unnatural'	-10,63372	-5,53879	-0,44387	0,02391*
'angry-unnatural'	'happy-dynamic'	-17,03889	-11,94397	-6,84904	0,00000*
'angry-unnatural'	'happy-static'	-18,34923	-13,25431	-8,15939	0,00000*
'angry-unnatural'	'happy-unnatural'	-11,46561	-6,37069	-1,27577	0,00493*
'happy-dynamic'	'happy-static'	-6,40527	-1,31034	3,78458	0,97791
'happy-dynamic'	'happy-unnatural'	0,47835	5,57328	10,66820	0,02251*
'happy-static'	'happy-unnatural'	1,78870	6,88362	11,97854	0,00165*

Table C

Validation rating for variable 'Movement'.

(Friedman test with "hsd" correction, using MATLAB function multcompare.m)

'Cond A'	'Cond B'	'lower 95% bound'	'mean'	'upper 95% bound'	'p-value'
EXPRESSION					
'angry'	'happy'	-6,31320	-2,71839	0,87642	0,13831
MOTION					
'dynamic'	'static'	-3,93444	0,36422	4,66289	0,97850
'dynamic'	'unnatural'	-2,86548	1,43319	5,73186	0,71448
'static'	'unnatural'	-3,22970	1,06897	5,36763	0,82933
EXPRESSION x MOTION					
'angry-dynamic'	'angry-static'	-4,86037	0,36638	5,59313	0,99996
'angry-dynamic'	'angry-unnatural'	-4,61899	0,60776	5,83451	0,99947
'angry-dynamic'	'happy-dynamic'	-8,49399	-3,26724	1,95951	0,47785
'angry-dynamic'	'happy-static'	-8,13192	-2,90517	2,32158	0,60922
'angry-dynamic'	'happy-unnatural'	-6,23537	-1,00862	4,21813	0,99404
'angry-static'	'angry-unnatural'	-4,98537	0,24138	5,46813	0,99999
'angry-static'	'happy-dynamic'	-8,86037	-3,63362	1,59313	0,35315
'angry-static'	'happy-static'	-8,49830	-3,27155	1,95520	0,47631
'angry-static'	'happy-unnatural'	-6,60175	-1,37500	3,85175	0,97559
'angry-unnatural'	'happy-dynamic'	-9,10175	-3,87500	1,35175	0,28053
'angry-unnatural'	'happy-static'	-8,73968	-3,51293	1,71382	0,39260
'angry-unnatural'	'happy-unnatural'	-6,84313	-1,61638	3,61037	0,95109
'happy-dynamic'	'happy-static'	-4,86468	0,36207	5,58882	0,99996
'happy-dynamic'	'happy-unnatural'	-2,96813	2,25862	7,48537	0,82152
'happy-static'	'happy-unnatural'	-3,33020	1,89655	7,12330	0,90658

Table D

Validation rating for variable 'Naturalness'.

(Friedman test with "hsd" correction, using MATLAB function multcompare.m)

'Cond A'	'Cond B'	'lower 95% bound'	'mean'	'upper 95% bound'	'p-value'
EXPRESSION					
'angry'	'happy'	-3,85282	-0,25862	3,33558	0,88785
MOTION					
'dynamic'	'static'	-4,84105	-0,54310	3,75484	0,95280
'dynamic'	'unnatural'	3,85508	8,15302	12,45096	0,00000*
'static'	'unnatural'	4,39818	8,69612	12,99406	0,00000*
EXPRESSION x MOTION					
'angry-dynamic'	'angry-static'	-1,14828	4,07759	9,30345	0,22678
'angry-dynamic'	'angry-unnatural'	-7,35087	-2,12500	3,10087	0,85635
'angry-dynamic'	'happy-dynamic'	-9,16983	-3,94397	1,28190	0,26132
'angry-dynamic'	'happy-static'	4,87758	10,10345	15,32932	0,00000*
'angry-dynamic'	'happy-unnatural'	-1,88104	3,34483	8,57069	0,45015
'angry-static'	'angry-unnatural'	-8,08363	-2,85776	2,36811	0,62616
'angry-static'	'happy-dynamic'	-9,90259	-4,67672	0,54914	0,10988
'angry-static'	'happy-static'	4,14482	9,37069	14,59656	0,00000*
'angry-static'	'happy-unnatural'	-11,42845	-6,20259	-0,97672	0,00938*
'angry-unnatural'	'happy-dynamic'	-13,24742	-8,02155	-2,79568	0,00018*
'angry-unnatural'	'happy-static'	0,79999	6,02586	11,25173	0,01302*
'angry-unnatural'	'happy-unnatural'	-7,04483	-1,81897	3,40690	0,92070
'happy-dynamic'	'happy-static'	7,00258	12,22845	17,45432	0,00000*
'happy-dynamic'	'happy-unnatural'	8,82155	14,04741	19,27328	0,00000*
'happy-static'	'happy-unnatural'	-1,14828	4,07759	9,30345	0,22678

Table E

Error rates of standard stimuli.

(Friedman test with “hsd” correction, using MATLAB function multcompare.m)

'Cond A'	'Cond B'	'lower 95% bound'	'mean'	'upper 95% bound'	'p-value'
EXPRESSION					
'angry'	'happy'	-4,51673	-2,12644	0,26386	0,08123
MOTION					
'dynamic'	'static'	-2,96392	-0,10560	2,75271	0,99587
'dynamic'	'unnatural'	-6,14064	-3,28233	-0,42401	0,01948*
'static'	'unnatural'	-6,03504	-3,17672	-0,31841	0,02493*
EXPRESSION x MOTION					
'angry-dynamic'	'angry-static'	-3,97112	-0,49569	2,97974	0,99858
'angry-dynamic'	'angry-unnatural'	-4,72974	-1,25431	2,22112	0,90852
'angry-dynamic'	'happy-dynamic'	-4,50991	-1,03448	2,44094	0,95836
'angry-dynamic'	'happy-static'	-4,22543	-0,75000	2,72543	0,98999
'angry-dynamic'	'happy-unnatural'	-9,82025	-6,34483	-2,86940	0,00000*
'angry-static'	'angry-unnatural'	-4,23405	-0,75862	2,71680	0,98945
'angry-static'	'happy-dynamic'	-4,01422	-0,53879	2,93663	0,99788
'angry-static'	'happy-static'	-3,72974	-0,25431	3,22112	0,99995
'angry-static'	'happy-unnatural'	-9,32456	-5,84914	-2,37371	0,00000*
'angry-unnatural'	'happy-dynamic'	-3,25560	0,21983	3,69525	0,99997
'angry-unnatural'	'happy-static'	-2,97112	0,50431	3,97974	0,99846
'angry-unnatural'	'happy-unnatural'	-8,56594	-5,09052	-1,61509	0,00043*
'happy-dynamic'	'happy-static'	-3,19094	0,28448	3,75991	0,99991
'happy-dynamic'	'happy-unnatural'	-8,78577	-5,31034	-1,83492	0,00019*
'happy-static'	'happy-unnatural'	-9,07025	-5,59483	-2,11940	0,00000*

Table F

Error rates of deviant stimuli.

(Friedman test with “hsd” correction, using MATLAB function multcompare.m)

'Cond A'	'Cond B'	'lower 95% bound'	'mean'	'upper 95% bound'	'p-value'
EXPRESSION					
'angry'	'happy'	-3,20033	0,12644	3,45321	0,94062
MOTION					
'dynamic'	'static'	-4,00832	-0,03017	3,94797	0,99983
'dynamic'	'unnatural'	-10,32297	-6,34483	-2,36668	0,00054*
'static'	'unnatural'	-10,29280	-6,31466	-2,33651	0,00058*
EXPRESSION x MOTION					
'angry-dynamic'	'angry-static'	-4,55255	0,28448	5,12151	0,99998
'angry-dynamic'	'angry-unnatural'	-7,10858	-2,27155	2,56548	0,76364
'angry-dynamic'	'happy-dynamic'	-1,78530	3,05172	7,88875	0,46704
'angry-dynamic'	'happy-static'	-2,13013	2,70690	7,54393	0,60203
'angry-dynamic'	'happy-unnatural'	-12,20341	-7,36638	-2,52935	0,00021*
'angry-static'	'angry-unnatural'	-7,39306	-2,55603	2,28099	0,66050
'angry-static'	'happy-dynamic'	-2,06979	2,76724	7,60427	0,57832
'angry-static'	'happy-static'	-2,41462	2,42241	7,25944	0,71046
'angry-static'	'happy-unnatural'	-12,48789	-7,65086	-2,81383	0,00000*
'angry-unnatural'	'happy-dynamic'	0,48625	5,32328	10,16030	0,02120*
'angry-unnatural'	'happy-static'	0,14142	4,97845	9,81548	0,03936*
'angry-unnatural'	'happy-unnatural'	-9,93186	-5,09483	-0,25780	0,03212*
'happy-dynamic'	'happy-static'	-5,18186	-0,34483	4,49220	0,99995
'happy-dynamic'	'happy-unnatural'	-15,25513	-10,41810	-5,58107	0,00000*
'happy-static'	'happy-unnatural'	-14,91030	-10,07328	-5,23625	0,00000*

Table G

SPSS output for a two-way repeated measures ANOVA on the logarithms of reaction times, with pairwise multiple comparisons of marginal means.

General Linear Model

Notes

Output Created		24-JUN-2017 21:10:39
Comments		
Input	Data	/Users/dionperd/Dropbox/Work/PostDocBerlin/Publications/BrainSynchronyFEES/DataOnline/behavioral_data/reaction_time/reactionTimes.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	29
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax

```
GLM log_angry_Dynamic
log_angry_Static
log_angry_Unnatural
log_happy_Dynamic
log_happy_Static
log_happy_Unnatural

/WSFACTOR=EXPRESSION
2 Polynomial MOTION
3 Polynomial

/MEASURE=Reaction_Times
/METHOD=SSTYPE(3)

/EMMEANS=TABLES(OVERALL)

/EMMEANS=TABLES(EXPRESSION) COMPARE
ADJ(BONFERRONI)

/EMMEANS=TABLES(MOTION) COMPARE
ADJ(BONFERRONI)

/EMMEANS=TABLES(EXPRESSION*MOTION)
/CRITERIA=ALPHA(.05)

/WSDESIGN=EXPRESSION
MOTION
EXPRESSION*MOTION.
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Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00

[DataSet1]

/Users/dionperd/Dropbox/Work/PostDocBerlin/Publications/BrainSynchronyFEES/DataOnline/behavioral_data/reaction_time/reactionTimes.sav

Within-Subjects Factors

Measure: Reaction_Times

EXPRESSION	MOTION	Dependent Variable
1	1	log_angry_Dynamic
	2	log_angry_Static
	3	log_angry_Unnatural
2	1	log_happy_Dynamic
	2	log_happy_Static
	3	log_happy_Unnatural

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.
EXPRESSION	Pillai's Trace	.385	14.421 ^b	1.000	23.000	.001
	Wilks' Lambda	.615	14.421 ^b	1.000	23.000	.001
	Hotelling's Trace	.627	14.421 ^b	1.000	23.000	.001
	Roy's Largest Root	.627	14.421 ^b	1.000	23.000	.001
MOTION	Pillai's Trace	.881	81.817 ^b	2.000	22.000	.000
	Wilks' Lambda	.119	81.817 ^b	2.000	22.000	.000
	Hotelling's Trace	7.438	81.817 ^b	2.000	22.000	.000
	Roy's Largest Root	7.438	81.817 ^b	2.000	22.000	.000
EXPRESSION * MOTION	Pillai's Trace	.619	17.835 ^b	2.000	22.000	.000
	Wilks' Lambda	.381	17.835 ^b	2.000	22.000	.000
	Hotelling's Trace	1.621	17.835 ^b	2.000	22.000	.000
	Roy's Largest Root	1.621	17.835 ^b	2.000	22.000	.000

a. Design: Intercept

Within Subjects Design: EXPRESSION + MOTION + EXPRESSION * MOTION

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: Reaction_Times

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b	
					Greenhouse-Geisser	Huynh-Feldt

EXPRESSION	1.000	.000	0	.	1.000	1.000
MOTION	.709	7.564	2	.023	.775	.820
EXPRESSION * MOTION	.236	31.755	2	.000	.567	.577

Mauchly's Test of Sphericity^a

Measure: Reaction_Times

Within Subjects Effect	Epsilon Lower-bound
EXPRESSION	1.000
MOTION	.500
EXPRESSION * MOTION	.500

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.^a

a. Design: Intercept

Within Subjects Design: EXPRESSION + MOTION + EXPRESSION * MOTION

b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

Tests of Within-Subjects Effects

Measure: Reaction_Times

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
EXPRESSION	Sphericity Assumed	.143	1	.143	14.421	.001
	Greenhouse- Geisser	.143	1.000	.143	14.421	.001
	Huynh-Feldt	.143	1.000	.143	14.421	.001
	Lower-bound	.143	1.000	.143	14.421	.001
Error(EXPRESSION)	Sphericity Assumed	.228	23	.010		
	Greenhouse- Geisser	.228	23.000	.010		
	Huynh-Feldt	.228	23.000	.010		
	Lower-bound	.228	23.000	.010		
MOTION	Sphericity Assumed	2.406	2	1.203	122.043	.000
	Greenhouse- Geisser	2.406	1.549	1.553	122.043	.000
	Huynh-Feldt	2.406	1.640	1.467	122.043	.000
	Lower-bound	2.406	1.000	2.406	122.043	.000
Error(MOTION)	Sphericity Assumed	.454	46	.010		
	Greenhouse- Geisser	.454	35.633	.013		

	Huynh-Feldt	.454	37.723	.012		
	Lower-bound	.454	23.000	.020		
EXPRESSION * MOTION	Sphericity Assumed	.258	2	.129	18.827	.000
	Greenhouse- Geisser	.258	1.134	.228	18.827	.000
	Huynh-Feldt	.258	1.153	.224	18.827	.000
	Lower-bound	.258	1.000	.258	18.827	.000
Error(EXPRESSION* MOTION)	Sphericity Assumed	.316	46	.007		
	Greenhouse- Geisser	.316	26.079	.012		
	Huynh-Feldt	.316	26.520	.012		
	Lower-bound	.316	23.000	.014		

Tests of Within-Subjects Contrasts

Measure: Reaction_Times

Source	EXPRESSION MOTION	Type III Sum of Squares	df	Mean Square	F	Sig.
EXPRESSION	Linear	.143	1	.143	14.421	.001
Error(EXPRESSION)	Linear	.228	23	.010		
MOTION	Linear	.335	1	.335	44.059	.000
	Quadratic	2.071	1	2.071	171.065	.000
Error(MOTION)	Linear	.175	23	.008		
	Quadratic	.278	23	.012		
EXPRESSION * MOTION	Linear	.256	1	.256	22.345	.000
	Quadratic	.003	1	.003	1.105	.304
Error(EXPRESSION* MOTION)	Linear	.263	23	.011		
	Quadratic	.052	23	.002		

Tests of Between-Subjects Effects

Measure: Reaction_Times

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	.007	1	.007	.075	.786
Error	2.115	23	.092		

Estimated Marginal Means

1. Grand Mean

Measure: Reaction_Times

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
.007	.025	-.045	.059

2. EXPRESSION

Estimates

Measure: Reaction_Times

EXPRESSION	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	.038	.024	-.012	.089
2	-.025	.029	-.084	.034

Pairwise Comparisons

Measure: Reaction_Times

(I) EXPRESSION	(J) EXPRESSION	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
1	2	.063*	.017	.001	.029	.097
2	1	-.063*	.017	.001	-.097	-.029

Based on estimated marginal means

*. The mean difference is significant at the

b. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.
Pillai's trace	.385	14.421 ^a	1.000	23.000	.001
Wilks' lambda	.615	14.421 ^a	1.000	23.000	.001
Hotelling's trace	.627	14.421 ^a	1.000	23.000	.001
Roy's largest root	.627	14.421 ^a	1.000	23.000	.001

Each F tests the multivariate effect of EXPRESSION. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic

3. MOTION

Estimates

Measure: Reaction_Times

MOTION	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	.033	.028	-.026	.091
2	-.163	.020	-.204	-.122
3	.151	.034	.081	.221

Pairwise Comparisons

Measure: Reaction_Times

(I) MOTION	(J) MOTION	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
1	2	.195*	.017	.000	.152	.239
	3	-.118*	.018	.000	-.164	-.072
2	1	-.195*	.017	.000	-.239	-.152
	3	-.314*	.025	.000	-.378	-.249
3	1	.118*	.018	.000	.072	.164
	2	.314*	.025	.000	.249	.378

Based on estimated marginal means

*. The mean difference is significant at the

b. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.
Pillai's trace	.881	81.817 ^a	2.000	22.000	.000
Wilks' lambda	.119	81.817 ^a	2.000	22.000	.000
Hotelling's trace	7.438	81.817 ^a	2.000	22.000	.000
Roy's largest root	7.438	81.817 ^a	2.000	22.000	.000

Each F tests the multivariate effect of MOTION. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic

4. EXPRESSION * MOTION

Measure: Reaction_Times

EXPRESSION	MOTION	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	.113	.030	.052	.174
	2	-.125	.020	-.166	-.084
	3	.128	.030	.066	.190
2	1	-.048	.028	-.106	.011
	2	-.200	.022	-.246	-.154
	3	.174	.047	.077	.270