

Supplementary Materials

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Table S1. Baselines for each subject

Subject	Compound (degree)	Component (degree)
S1	0.36	0.12
S2	0.27	0.38
S3	-0.26	-0.21
S4	-0.14	-0.07
S5	0.18	0.30
S6	0.33	0.40
S7	0.05	0.20
S8	-0.24	0.03
S9	-0.03	-0.06
S10	0.55	0.51
S11	0.35	0.52
S12	0.91	0.79
S13	0.29	0.29
S14	0.68	0.77
S15	0.45	0.34
Average	0.25	0.29

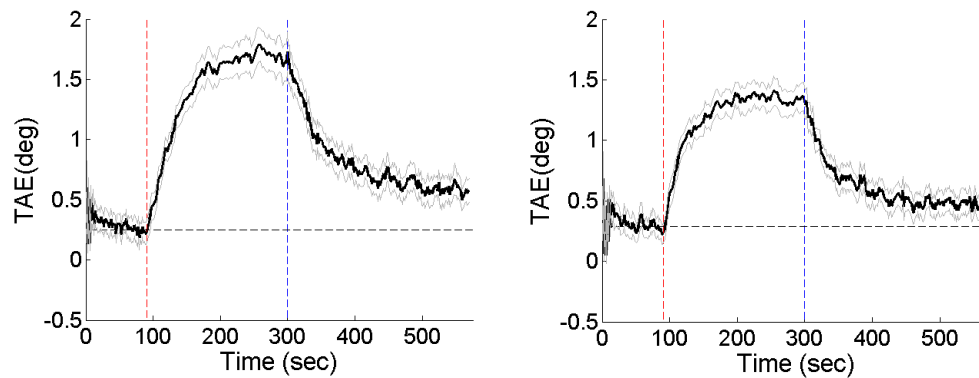


Figure S1. Grand average time courses without subtracting the baselines

Table S2. Explained variances for fitting the data of each subject

Subject	Adaptation period		Post-test period	
	Compound	Component	Compound	Component
S1	88%	83%	72%	82%
S2	78%	48%	86%	57%
S3	88%	80%	75%	43%
S4	82%	75%	77%	48%
S5	85%	79%	32%	32%
S6	95%	85%	65%	71%
S7	86%	75%	54%	52%
S8	93%	87%	72%	85%
S9	85%	88%	55%	64%
S10	73%	68%	46%	46%
S11	94%	87%	48%	43%
S12	91%	70%	80%	74%
S13	57%	42%	52%	45%
S14	90%	72%	65%	46%
S15	93%	87%	60%	39%
Grand	99%	98%	87%	85%

Table S3. Time constants of the fits for each subject

Subject	Adaptation period (τ_1)		Post-test period (τ_2)	
	Compound(s)	Component(s)	Compound(s)	Component(s)
S1	43	43	115	85
S2	37	24	62	29
S3	34	13	90	140
S4	35	36	123	126
S5	52	47	440	267
S6	83	22	196	104
S7	44	20	180	154
S8	40	41	214	48
S9	45	32	173	56
S10	26	23	142	120
S11	40	26	214	173
S12	53	33	54	58
S13	38	24	117	125
S14	45	36	209	189
S15	60	38	225	243

Table S4. Time constants and explained variances for fitting with the two-parameter exponential model and the one-parameter exponential model

Subject	Compound				Component			
	Two free parameters		One free parameter		Two free parameters		One free parameter	
	Time constant	Explained variance	Time constant	Explained variance	Time constant	Explained variance	Time constant	Explained variance
S1	115	72%	100	70%	85	82%	92	81%
S2	62	86%	65	86%	29	57%	28	57%
S3	90	75%	62	69%	140	43%	56	19%
S4	123	77%	126	76%	126	48%	99	45%
S5	440	32%	233	0%	267	32%	165	16%
S6	196	65%	134	48%	104	71%	70	59%
S7	180	54%	126	44%	154	52%	89	30%
S8	214	72%	148	54%	48	85%	47	85%
S9	173	55%	111	38%	56	64%	52	64%
S10	142	46%	96	38%	120	46%	67	32%
S11	214	48%	115	12%	173	43%	80	8%
S12	54	80%	54	80%	58	74%	56	74%
S13	117	52%	108	51%	125	45%	145	44%
S14	209	65%	142	48%	189	46%	127	33%
S15	225	60%	167	51%	243	39%	146	20%
Grand	149	87%	112	77%	123	85%	81	75%

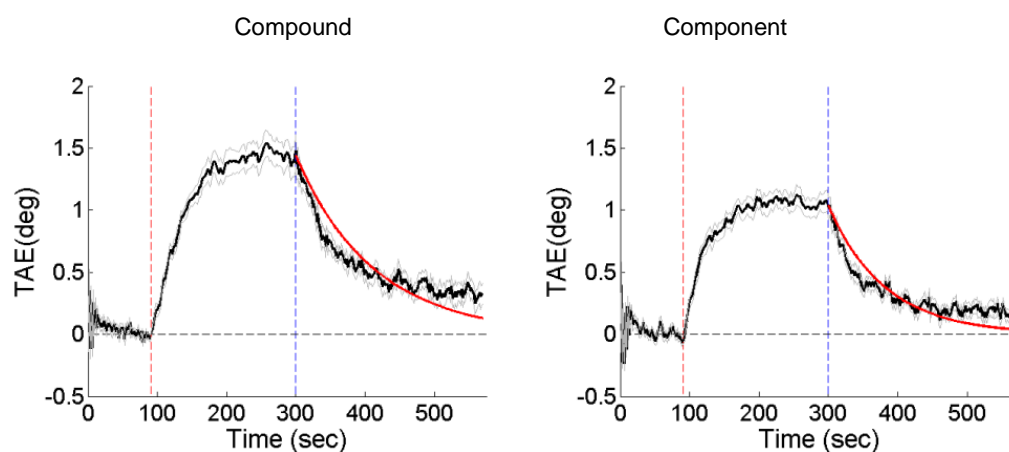


Figure S2. Grand average time courses for the compound and component conditions, using the one-parameter exponential model