Part of the additional material for Bernabeu, Willems, and Louwerse (2017)

https://osf.io/97unm/

Descriptive tables of the Event-Related Potentials

Data aggregated at the level of participants ($n = 23$, $n = 23$).

Table 1: Differences between conditions

In Table 1, the 95% Confidence Intervals around the difference means are statistically interpreted such that if an interval does not contains 0, the effect is deemed significant. However, the more advanced and definitive statistical tests are in: https://osf.io/28rc3/.

Table 2: Raw figures per data section

Table 1. Differences between conditions

Conditions compared, time window, group, brain area	Diff. µV	L 95% CI	U 95% CI	CI result
No-switch v. both switch conditions, 1, Quick, anterior	-0.0441	-0.4277	0.3897	Non-sig.
No-switch v. both switch conditions, 1, Quick, posterior	-0.3473	-0.5462	0.2749	Non-sig.
No-switch v. both switch conditions, 1, Slow, anterior	-0.2505	-0.5123	0.3072	Non-sig.
No-switch v. both switch conditions, 1, Slow, posterior	-0.0859	-0.4522	0.3655	Non-sig.
No-switch v. both switch conditions, 2, Quick, anterior	1.5608	0.0776	0.9469	**Sig**.
No-switch v. both switch conditions, 2, Quick, posterior	-0.2081	-0.4986	0.3203	Non-sig.
No-switch v. both switch conditions, 2, Slow, anterior	1.1401	-0.0592	0.7846	Non-sig.
No-switch v. both switch conditions, 2, Slow, posterior	-0.3958	-0.5983	0.2261	Non-sig.
No-switch v. both switch conditions, 3, Quick, anterior	1.35	-0.0434	0.8029	Non-sig.
No-switch v. both switch conditions, 3, Quick, posterior	1.0112	-0.0877	0.7519	Non-sig.
No-switch v. both switch conditions, 3, Slow, anterior	2.4988	0.2153	1.1191	**Sig**.
No-switch v. both switch conditions, 3, Slow, posterior	0.9036	-0.0041	0.849	Non-sig.
No-switch v. both switch conditions, 4, Quick, anterior	0.5037	-0.2521	0.5704	Non-sig.
No-switch v. both switch conditions, 4, Quick, posterior	1.2718	0.0207	0.8784	**Sig**.
No-switch v. both switch conditions, 4, Slow, anterior	1.0142	-0.1666	0.6632	Non-sig.
No-switch v. both switch conditions, 4, Slow, posterior	1.2427	0.0365	0.8973	**Sig**.
Visual_to_visual v. Auditory_to_visual, 1, Quick, anterior	0.1769	-0.3151	0.5041	Non-sig.
Visual_to_visual v. Auditory_to_visual, 1, Quick, posterior	0.3074	-0.2657	0.5559	Non-sig.
Visual_to_visual v. Auditory_to_visual, 1, Slow, anterior	0.1504	-0.3328	0.4858	Non-sig.
Visual_to_visual v. Auditory_to_visual, 1, Slow, posterior	0.3797	-0.2093	0.6164	Non-sig.
Visual_to_visual v. Auditory_to_visual, 2, Quick, anterior	0.4875	-0.163	0.6672	Non-sig.
Visual_to_visual v. Auditory_to_visual, 2, Quick, posterior	0.7948	-0.0687	0.7736	Non-sig.
Visual_to_visual v. Auditory_to_visual, 2, Slow, anterior	0.361	-0.2586	0.5635	Non-sig.
Visual_to_visual v. Auditory_to_visual, 2, Slow, posterior	0.4053	-0.1538	0.6775	Non-sig.
Visual_to_visual v. Auditory_to_visual, 3, Quick, anterior	0.0677	-0.3781	0.4394	Non-sig.
Visual_to_visual v. Auditory_to_visual, 3, Quick, posterior	0.6096	-0.1222	0.7128	Non-sig.
Visual_to_visual v. Auditory_to_visual, 3, Slow, anterior	1.0536	-0.0453	0.8007	Non-sig.
Visual_to_visual v. Auditory_to_visual, 3, Slow, posterior	0.7656	0.0338	0.8941	**Sig**.
Visual_to_visual v. Auditory_to_visual, 4, Quick, anterior	0.3091	-0.265	0.5567	Non-sig.
Visual_to_visual v. Auditory_to_visual, 4, Quick, posterior	0.8007	-0.0303	0.8182	Non-sig.
Visual_to_visual v. Auditory_to_visual, 4, Slow, anterior	0.7831	-0.1774	0.6514	Non-sig.
Visual_to_visual v. Auditory_to_visual, 4, Slow, posterior	0.8588	-0.0284	0.8204	Non-sig.

Visual_to_visual v. Haptic_to_visual, 1, Quick, anterior	0.0536	-0.384	0.4334	Non-sig.
Visual_to_visual v. Haptic_to_visual, 1, Quick, posterior	0.2533	-0.289	0.5314	Non-sig.
Visual_to_visual v. Haptic_to_visual, 1, Slow, anterior	-0.499	-0.6532	0.1758	Non-sig.
Visual_to_visual v. Haptic_to_visual, 1, Slow, posterior	0.2854	-0.2593	0.5628	Non-sig.
Visual_to_visual v. Haptic_to_visual, 2, Quick, anterior	0.5099	-0.1531	0.6783	Non-sig.
Visual_to_visual v. Haptic_to_visual, 2, Quick, posterior	0.3811	-0.1595	0.6711	Non-sig.
Visual_to_visual v. Haptic_to_visual, 2, Slow, anterior	0.2357	-0.3208	0.4981	Non-sig.
Visual_to_visual v. Haptic_to_visual, 2, Slow, posterior	0.8624	0.0188	0.876	**Sig.**
Visual_to_visual v. Haptic_to_visual, 3, Quick, anterior	0.5938	-0.0535	0.7912	Non-sig.
Visual_to_visual v. Haptic_to_visual, 3, Quick, posterior	0.509	-0.0768	0.7644	Non-sig.
Visual_to_visual v. Haptic_to_visual, 3, Slow, anterior	0.9393	-0.1091	0.7276	Non-sig.
Visual_to_visual v. Haptic_to_visual, 3, Slow, posterior	1.1088	0.1998	1.0992	**Sig.**
Visual_to_visual v. Haptic_to_visual, 4, Quick, anterior	0.4871	-0.1732	0.656	Non-sig.
Visual_to_visual v. Haptic_to_visual, 4, Quick, posterior	0.3413	-0.2377	0.5858	Non-sig.
Visual_to_visual v. Haptic_to_visual, 4, Slow, anterior	1.0646	-0.1231	0.7118	Non-sig.
Visual_to_visual v. Haptic_to_visual, 4, Slow, posterior	1.3262	0.0597	0.9251	**Sig.**
Auditory_to_visual v. Haptic_to_visual, 1, Quick, anterior	-0.1233	-0.4685	0.3496	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 1, Quick, posterior	-0.0541	-0.4384	0.3791	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 1, Slow, anterior	-0.6495	-0.7142	0.121	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 1, Slow, posterior	-0.0942	-0.461	0.357	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 2, Quick, anterior	0.0224	-0.3995	0.4179	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 2, Quick, posterior	-0.4136	-0.6606	0.169	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 2, Slow, anterior	-0.1253	-0.4664	0.3516	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 2, Slow, posterior	0.4571	-0.1324	0.7013	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 3, Quick, anterior	0.5261	-0.2277	0.5966	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 3, Quick, posterior	-0.1005	-0.452	0.3658	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 3, Slow, anterior	-0.1143	-0.4747	0.3435	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 3, Slow, posterior	0.3432	-0.1912	0.6362	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 4, Quick, anterior	0.178	-0.346	0.4721	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 4, Quick, posterior	-0.4594	-0.6639	0.166	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 4, Slow, anterior	0.2815	-0.2529	0.5695	Non-sig.
Auditory_to_visual v. Haptic_to_visual, 4, Slow, posterior	0.4674	-0.2193	0.6057	Non-sig.

Table 2. Raw figures per data section

Window	Group	Brain area	Switch condition	n	Mean μV	SD	L95%CI	U95%CI
1	Quick	anterior	Auditory-to-visual	23	0.3187	3.3312	-1.1219	1.7592
1	Quick	anterior	Haptic-to-visual	23	0.4420	3.4288	-1.0407	1.9247
1	Quick	anterior	Visual-to-visual	23	0.4956	3.7218	-1.1139	2.1050
1	Quick	posterior	Auditory-to-visual	23	1.2554	2.3130	0.2552	2.2556
1	Quick	posterior	Haptic-to-visual	23	1.3095	2.7076	0.1386	2.4803
1	Quick	posterior	Visual-to-visual	23	1.5628	2.4771	0.4916	2.6339
1	Slow	anterior	Auditory-to-visual	23	0.1523	2.7863	-1.0526	1.3572
1	Slow	anterior	Haptic-to-visual	23	0.8018	2.7401	-0.3832	1.9867
1	Slow	anterior	Visual-to-visual	23	0.3027	2.6844	-0.8581	1.4636
1	Slow	posterior	Auditory-to-visual	23	0.8368	1.6452	0.1254	1.5483
1	Slow	posterior	Haptic-to-visual	23	0.9311	1.4377	0.3094	1.5528
1	Slow	posterior	Visual-to-visual	23	1.2165	1.7746	0.4491	1.9839
2	Quick	anterior	Auditory-to-visual	23	-2.1241	4.4997	-4.0700	-0.1783
2	Quick	anterior	Haptic-to-visual	23	-2.1465	4.1559	-3.9436	-0.3494
2	Quick	anterior	Visual-to-visual	23	-1.6366	4.0692	-3.3962	0.1230
2	Quick	posterior	Auditory-to-visual	23	1.5921	2.4943	0.5135	2.6707
2	Quick	posterior	Haptic-to-visual	23	2.0057	2.3808	0.9762	3.0353
2	Quick	posterior	Visual-to-visual	23	2.3869	2.7943	1.1785	3.5952
2	Slow	anterior	Auditory-to-visual	23	-1.6835	2.8804	-2.9291	-0.4379
2	Slow	anterior	Haptic-to-visual	23	-1.5582	3.0057	-2.8579	-0.2584
2	Slow	anterior	Visual-to-visual	23	-1.3225	2.6424	-2.4652	-0.1799
2	Slow	posterior	Auditory-to-visual	23	2.0593	2.5672	0.9492	3.1695
2	Slow	posterior	Haptic-to-visual	23	1.6023	2.2768	0.6177	2.5868
	Slow	posterior	Visual-to-visual	23	2.4646	2.5036	1.3820	3.5473
3	Quick	anterior	Auditory-to-visual	23	-2.5645	3.6361	-4.1369	-0.9922
3	Quick	anterior	Haptic-to-visual	23	-3.0907	3.4292	-4.5735	-1.6078
3	Quick	anterior	Visual-to-visual	23	-2.4968	3.1460	-3.8572	-1.1364
3	Quick	posterior	Auditory-to-visual	23	-0.8033	2.4787	-1.8751	0.2686
3	Quick	posterior	Haptic-to-visual	23	-0.7028	2.1862	-1.6481	0.2426
3	Quick	posterior	Visual-to-visual	23	-0.1937	1.9632	-1.0427	0.6553
3	Slow	anterior	Auditory-to-visual	23	-2.8903	2.7709	-4.0885	-1.6920

3	Slow	anterior	Haptic-to-visual	23	-2.7760	2.9065	-4.0328	-1.5191
3	Slow	anterior	Visual-to-visual	23	-1.8366	2.6714	-2.9918	-0.6814
3	Slow	posterior	Auditory-to-visual	23	-0.2760	2.1062	-1.1868	0.6348
3	Slow	posterior	Haptic-to-visual	23	-0.6192	2.3883	-1.6520	0.4135
3	Slow	posterior	Visual-to-visual	23	0.4895	2.3959	-0.5465	1.5256
4	Quick	anterior	Auditory-to-visual	23	-0.3892	3.0812	-1.7216	0.9432
4	Quick	anterior	Haptic-to-visual	23	-0.5672	3.3883	-2.0324	0.8980
4	Quick	anterior	Visual-to-visual	23	-0.0801	2.8528	-1.3137	1.1535
4	Quick	posterior	Auditory-to-visual	23	-0.9421	1.8257	-1.7316	-0.1526
4	Quick	posterior	Haptic-to-visual	23	-0.4827	1.8139	-1.2671	0.3017
4	Quick	posterior	Visual-to-visual	23	-0.1414	1.2785	-0.6943	0.4115
4	Slow	anterior	Auditory-to-visual	23	-0.4622	2.7847	-1.6665	0.7420
4	Slow	anterior	Haptic-to-visual	23	-0.7437	2.8269	-1.9661	0.4787
4	Slow	anterior	Visual-to-visual	23	0.3208	3.3259	-1.1174	1.7591
4	Slow	posterior	Auditory-to-visual	23	-0.7678	1.7866	-1.5404	0.0048
4	Slow	posterior	Haptic-to-visual	23	-1.2352	2.4489	-2.2942	-0.1762
4	Slow	posterior	Visual-to-visual	23	0.0910	2.1760	-0.8500	1.0319