

Appendix

Post-hoc comparisons Experiment 1 and Experiment 2

1.1 Unimpaired readers (Experiment 1)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.197	0.115	-1.714	0.261
	mediop. - standard	0.205	0.115	1.777	0.227
	hyphen - standard	0.402	0.115	3.493	0.002
	mediop. 2 - hyphen 2	-0.067	0.200	-0.336	1.000
	mediop. 2 - standard 2	0.117	0.200	0.588	1.000
	hyphen 2 - standard 2	0.184	0.199	0.925	1.000
	mediop. 3 - hyphen 3	-0.851	0.199	-4.271	0.001
	mediop. 3 - standard 3	-0.043	0.199	-0.214	1.000
	hyphen 3 - standard 3	0.809	0.199	4.057	0.002
	mediop. 4 - hyphen 4	0.326	0.199	1.637	1.000
	mediop. 4 - standard 4	0.539	0.199	2.705	0.249
	hyphen 4 - standard 4	0.213	0.199	1.068	1.000
regressions	mediop. - hyphen	-3.26	1.24	-2.632	0.026
	mediop. - standard	-1.52	1.24	-1.226	0.661
	hyphen - standard	1.74	1.24	1.407	0.479
	mediop. 2 - hyphen 2	-3.206	2.15	-1.493	1.000
	mediop. 2 - standard 2	-4.305	2.15	-2.005	1.000
	hyphen 2 - standard 2	-1.099	2.14	-0.513	1.000
	mediop. 3 - hyphen 3	-3.348	2.14	-1.562	1.000
	mediop. 3 - standard 3	0.248	2.14	0.116	1.000
	hyphen 3 - standard 3	3.596	2.14	1.678	1.000
	mediop. 4 - hyphen 4	-3.227	2.14	-1.506	1.000
	mediop. 4 - standard 4	-0.504	2.14	-0.235	1.000
	hyphen 4 - standard 4	2.723	2.14	1.271	1.000
first fixation duration	mediop. - hyphen	7.43	6.50	1.143	0.760
	mediop. - standard	-6.69	6.50	-1.029	0.912
	hyphen - standard	-14.11	6.49	-2.173	0.090
	mediop. 2 - hyphen 2	3.28	11.3	0.291	1.000
	mediop. 2 - standard 2	-4.93	11.3	-0.437	1.000
	hyphen 2 - standard 2	-8.20	11.2	-0.729	1.000
	mediop. 3 - hyphen 3	5.18	11.2	0.460	1.000
	mediop. 3 - standard 3	-17.27	11.2	-1.535	1.000
	hyphen 3 - standard 3	-22.45	11.2	-1.996	1.000
	mediop. 4 - hyphen 4	13.82	11.2	1.229	1.000
	mediop. 4 - standard 4	2.14	11.2	0.190	1.000
	hyphen 4 - standard 4	-11.68	11.2	1.039	1.000
reading time	mediop. - hyphen	9.49	31.4	0.302	1.000
	mediop. - standard	10.95	31.4	0.348	1.000
	hyphen - standard	1.46	31.4	0.047	1.000
	mediop. 2 - hyphen 2	34.247	54.5	0.628	1.000
	mediop. 2 - standard 2	0.010	54.5	0.000	1.000
	hyphen 2 - standard 2	-34.238	54.4	-0.629	1.000
	mediop. 3 - hyphen 3	-177.542	54.4	-3.262	0.041
	mediop. 3 - standard 3	-92.368	54.4	-1.697	1.000
	hyphen 3 - standard 3	85.174	54.4	1.565	1.000
	mediop. 4 - hyphen 4	171.760	54.4	3.156	0.059
	mediop. 4 - standard 4	125.212	54.4	2.301	0.777
	hyphen 4 - standard 4	-46.548	54.4	-0.855	1.000

1.2 Target group (Experiment 1)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.189	0.273	-0.693	1.000
	mediop. - standard	0.089	0.273	0.328	1.000
	hyphen - standard	0.278	0.272	1.022	0.992
	mediop. 2 - hyphen 2	0.009	0.473	0.020	1.000
	mediop. 2 - standard 2	0.038	0.476	0.079	1.000
	hyphen 2 - standard 2	0.028	0.473	0.060	1.000
	mediop. 3 - hyphen 3	0.041	0.476	0.086	1.000
	mediop. 3 - standard 3	0.139	0.473	0.293	1.000
	hyphen 3 - standard 3	0.098	0.473	0.206	1.000
	mediop. 4 - hyphen 4	-0.611	0.471	-1.297	1.000
	mediop. 4 - standard 4	0.093	0.471	0.197	1.000
	hyphen 4 - standard 4	0.704	0.471	1.494	1.000
regressions	mediop. - hyphen	-4.20	1.92	-2.188	0.088
	mediop. - standard	-1.87	1.92	-0.975	0.991
	hyphen - standard	2.33	1.92	1.215	0.675
	mediop. 2 - hyphen 2	4.341	3.33	1.304	1.000
	mediop. 2 - standard 2	3.057	3.34	0.914	1.000
	hyphen 2 - standard 2	-1.284	3.33	-0.386	1.000
	mediop. 3 - hyphen 3	-12.321	3.34	-3.685	0.009
	mediop. 3 - standard 3	-5.748	3.33	-1.728	1.000
	hyphen 3 - standard 3	6.572	3.33	1.975	1.000
	mediop. 4 - hyphen 4	-4.630	3.31	-1.398	1.000
	mediop. 4 - standard 4	-2.926	3.31	-0.884	1.000
	hyphen 4 - standard 4	1.704	3.31	0.514	1.000
first fixation duration	mediop. - hyphen	-3.758	13.5	-0.278	1.000
	mediop. - standard	0.546	13.5	0.040	1.000
	hyphen - standard	4.304	13.5	0.319	1.000
	mediop. 2 - hyphen 2	-9.18	23.4	-0.392	1.000
	mediop. 2 - standard 2	-23.13	23.5	-0.984	1.000
	hyphen 2 - standard 2	-13.95	23.4	-0.596	1.000
	mediop. 3 - hyphen 3	22.99	23.5	0.978	1.000
	mediop. 3 - standard 3	15.36	23.4	0.657	1.000
	hyphen 3 - standard 3	-7.63	23.4	-0.326	1.000
	mediop. 4 - hyphen 4	-25.09	23.3	-1.078	1.000
	mediop. 4 - standard 4	9.41	23.3	0.404	1.000
	hyphen 4 - standard 4	34.49	23.3	1.482	1.000
reading time	mediop. - hyphen	10.17	69.2	0.147	1.000
	mediop. - standard	-6.22	69.2	-0.090	1.000
	hyphen - standard	-16.39	69.1	-0.237	1.000
	mediop. 2 - hyphen 2	16.5	120	0.137	1.000
	mediop. 2 - standard 2	-69.4	120	-0.576	1.000
	hyphen 2 - standard 2	-85.9	120	-0.716	1.000
	mediop. 3 - hyphen 3	71.8	121	0.596	1.000
	mediop. 3 - standard 3	31.2	120	0.260	1.000
	hyphen 3 - standard 3	-40.6	120	-0.339	1.000
	mediop. 4 - hyphen 4	-57.8	119	0.484	1.000
	mediop. 4 - standard 4	19.6	119	0.164	1.000
	hyphen 4 - standard 4	77.4	119	0.648	1.000

1.3 Pupils with lower reading skills (Experiment 1)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.373	0.477	-0.782	1.000
	mediop. - standard	-0.265	0.477	-0.556	1.000
	hyphen - standard	0.108	0.475	0.227	1.000
	mediop. 2 - hyphen 2	-0.253	0.826	-0.306	1.000
	mediop. 2 - standard 2	0.000	0.833	0.000	1.000
	hyphen 2 - standard 2	0.253	0.826	0.306	1.000
	mediop. 3 - hyphen 3	1.171	0.834	1.405	1.000
	mediop. 3 - standard 3	0.389	0.826	0.472	1.000
	hyphen 3 - standard 3	-0.782	0.826	-0.947	1.000
	mediop. 4 - hyphen 4	-2.037	0.818	-2.491	0.485
	mediop. 4 - standard 4	-1.185	0.818	-1.449	1.000
	hyphen 4 - standard 4	0.852	0.818	1.042	1.000
regressions	mediop. - hyphen	-5.12	2.64	-1.936	0.162
	mediop. - standard	-2.21	2.64	-0.835	1.000
	hyphen - standard	2.91	2.64	1.105	0.811
	mediop. 2 - hyphen 2	-2.326	4.60	-0.506	1.000
	mediop. 2 - standard 2	2.269	4.64	0.489	1.000
	hyphen 2 - standard 2	4.596	4.60	0.999	1.000
	mediop. 3 - hyphen 3	-5.090	4.65	-1.096	1.000
	mediop. 3 - standard 3	-5.211	4.60	-1.133	1.000
	hyphen 3 - standard 3	-0.121	4.60	-0.026	1.000
	mediop. 4 - hyphen 4	-7.852	4.56	-1.723	1.000
	mediop. 4 - standard 4	-3.556	4.56	-0.780	1.000
	hyphen 4 - standard 4	4.296	4.56	0.943	1.000
first fixation duration	mediop. - hyphen	25	18.9	1.326	0.559
	mediop. - standard	11	18.9	0.585	1.000
	hyphen - standard	-14	18.8	-0.744	1.000
	mediop. 2 - hyphen 2	31.264	32.7	0.956	1.000
	mediop. 2 - standard 2	-3.646	33.0	-0.111	1.000
	hyphen 2 - standard 2	-34.910	32.7	-1.068	1.000
	mediop. 3 - hyphen 3	40.813	33.0	1.236	1.000
	mediop. 3 - standard 3	15.209	32.7	0.465	1.000
	hyphen 3 - standard 3	-25.604	32.7	-0.783	1.000
	mediop. 4 - hyphen 4	3.015	32.4	0.093	1.000
	mediop. 4 - standard 4	21.559	32.4	0.666	1.000
	hyphen 4 - standard 4	18.544	32.4	0.573	1.000
reading time	mediop. - hyphen	-18.2	119	-0.153	1.000
	mediop. - standard	-72.1	119	-0.606	1.000
	hyphen - standard	-53.9	119	-0.454	1.000
	mediop. 2 - hyphen 2	-49.1	206	-0.238	1.000
	mediop. 2 - standard 2	-137.4	208	-0.661	1.000
	hyphen 2 - standard 2	-88.3	206	-0.428	1.000
	mediop. 3 - hyphen 3	368.3	208	1.769	1.000
	mediop. 3 - standard 3	187.2	206	0.908	1.000
	hyphen 3 - standard 3	-181.1	206	-0.879	1.000
	mediop. 4 - hyphen 4	-373.9	204	-1.832	1.000
	mediop. 4 - standard 4	-266.1	204	-1.304	1.000
	hyphen 4 - standard 4	107.8	204	0.528	1.000

1.4 Pupils with higher reading skills (Experiment 1)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	0.012	0.245	0.050	1.000
	mediop. - standard	0.457	0.245	1.865	0.191
	hyphen - standard	0.444	0.245	1.814	0.213
	mediop. 2 - hyphen 2	0.259	0.424	0.611	1.000
	mediop. 2 - standard 2	0.074	0.424	0.175	1.000
	hyphen 2 - standard 2	-0.185	0.424	-0.436	1.000
	mediop. 3 - hyphen 3	-1.037	0.424	-2.444	0.550
	mediop. 3 - standard 3	-0.074	0.424	-0.175	1.000
	hyphen 3 - standard 3	0.963	0.424	2.270	0.870
	mediop. 4 - hyphen 4	0.815	0.424	1.921	1.000
	mediop. 4 - standard 4	1.370	0.424	3.230	0.051
	hyphen 4 - standard 4	0.556	0.424	1.309	1.000
regressions	mediop. - hyphen	-3.26	2.74	-1.188	0.709
	mediop. - standard	-1.54	2.74	-0.562	1.000
	hyphen - standard	1.72	2.74	0.625	1.000
	mediop. 2 - hyphen 2	10.926	4.75	2.299	0.808
	mediop. 2 - standard 2	3.815	4.75	0.803	1.000
	hyphen 2 - standard 2	-7.111	4.75	-1.496	1.000
	mediop. 3 - hyphen 3	-19.296	4.75	-4.060	0.002
	mediop. 3 - standard 3	-6.148	4.75	-1.293	1.000
	hyphen 3 - standard 3	13.148	4.75	2.766	0.221
	mediop. 4 - hyphen 4	-1.407	4.75	-0.296	1.000
	mediop. 4 - standard 4	-2.296	4.75	-0.483	1.000
	hyphen 4 - standard 4	-0.889	4.75	-0.187	1.000
first fixation duration	mediop. - hyphen	-32.17	19.4	-1.656	0.298
	mediop. - standard	-9.71	19.4	-0.500	1.000
	hyphen - standard	22.46	19.4	1.156	0.747
	mediop. 2 - hyphen 2	-49.14	33.7	-1.460	1.000
	mediop. 2 - standard 2	-41.89	33.7	-1.245	1.000
	hyphen 2 - standard 2	7.26	33.7	0.216	1.000
	mediop. 3 - hyphen 3	5.83	33.7	0.173	1.000
	mediop. 3 - standard 3	15.51	33.7	0.461	1.000
	hyphen 3 - standard 3	9.68	33.7	0.288	1.000
	mediop. 4 - hyphen 4	-53.19	33.7	-1.581	1.000
	mediop. 4 - standard 4	-2.75	33.7	-0.082	1.000
	hyphen 4 - standard 4	50.44	33.7	1.499	1.000
reading time	mediop. - hyphen	40.4	65.9	0.613	1.000
	mediop. - standard	62.1	65.9	0.943	1.000
	hyphen - standard	21.7	65.9	0.330	1.000
	mediop. 2 - hyphen 2	76.07	114	0.666	1.000
	mediop. 2 - standard 2	-3.93	114	-0.034	1.000
	hyphen 2 - standard 2	-80.00	114	-0.701	1.000
	mediop. 3 - hyphen 3	-213.23	114	-1.868	1.000
	mediop. 3 - standard 3	-114.93	114	-1.007	1.000
	hyphen 3 - standard 3	98.30	114	0.861	1.000
	mediop. 4 - hyphen 4	258.40	114	2.263	0.884
	mediop. 4 - standard 4	305.27	114	2.674	0.290
	hyphen 4 - standard 4	46.86	114	0.410	1.000

1.5 Unimpaired readers (Experiment 2)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.309	0.081	-3.808	< 0.001
	mediop. - standard	0.397	0.081	4.886	< 0.001
	hyphen - standard	0.706	0.082	8.665	< 0.001
	mediop. 2 - hyphen 2	-0.082	0.142	-0.579	1.000
	mediop. 2 - standard 2	0.154	0.142	1.080	1.000
	hyphen 2 - standard 2	0.236	0.143	1.647	1.000
	mediop. 3 - hyphen 3	-0.326	0.140	-2.334	0.711
	mediop. 3 - standard 3	0.447	0.140	3.194	0.052
	hyphen 3 - standard 3	0.773	0.140	5.524	< 0.001
	mediop. 4 - hyphen 4	-0.518	0.140	-3.704	0.008
	mediop. 4 - standard 4	0.591	0.140	4.220	0.001
	hyphen 4 - standard 4	1.109	0.140	7.918	< 0.001
regressions	mediop. - hyphen	-2.664	1.26	-2.107	0.106
	mediop. - standard	-0.029	1.27	-0.022	1.000
	hyphen - standard	2.635	1.27	2.074	0.115
	mediop. 2 - hyphen 2	-1.672	2.21	-0.757	1.000
	mediop. 2 - standard 2	1.223	2.22	0.551	1.000
	hyphen 2 - standard 2	2.895	2.23	1.296	1.000
	mediop. 3 - hyphen 3	-4.695	2.18	-2.154	1.000
	mediop. 3 - standard 3	-0.339	2.18	-0.155	1.000
	hyphen 3 - standard 3	4.356	2.18	1.995	1.000
	mediop. 4 - hyphen 4	-1.624	2.18	-0.745	1.000
	mediop. 4 - standard 4	-0.970	2.18	-0.444	1.000
	hyphen 4 - standard 4	0.654	2.18	0.300	1.000
first fixation duration	mediop. - hyphen	6.39	6.22	1.030	0.909
	mediop. - standard	1.00	6.22	0.161	1.000
	hyphen - standard	-5.39	6.24	-0.864	1.000
	mediop. 2 - hyphen 2	13.94	10.8	1.286	1.000
	mediop. 2 - standard 2	3.70	10.9	0.339	1.000
	hyphen 2 - standard 2	-10.24	11.0	-0.934	1.000
	mediop. 3 - hyphen 3	-4.71	10.7	-0.440	1.000
	mediop. 3 - standard 3	-7.79	10.7	-0.727	1.000
	hyphen 3 - standard 3	-3.08	10.7	-0.287	1.000
	mediop. 4 - hyphen 4	9.95	10.7	0.930	1.000
	mediop. 4 - standard 4	7.10	10.7	0.662	1.000
	hyphen 4 - standard 4	-2.85	10.7	-0.266	1.000
reading time	mediop. - hyphen	-75.8	21.5	-3.525	0.001
	mediop. - standard	57.6	21.6	2.668	0.023
	hyphen - standard	133.4	21.6	6.169	< 0.001
	mediop. 2 - hyphen 2	-12.9	37.6	-0.343	1.000
	mediop. 2 - standard 2	48.8	37.8	1.292	1.000
	hyphen 2 - standard 2	61.7	38.0	1.623	1.000
	mediop. 3 - hyphen 3	-84.5	37.1	-2.277	0.826
	mediop. 3 - standard 3	43.0	37.2	1.156	1.000
	hyphen 3 - standard 3	127.4	37.2	3.429	0.023
	mediop. 4 - hyphen 4	-130.1	37.1	-3.508	0.017
	mediop. 4 - standard 4	80.9	37.2	2.178	1.000
	hyphen 4 - standard 4	211.0	37.2	5.679	< 0.001

1.6 Target group (Experiment 2)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.298	0.185	-1.612	0.323
	mediop. - standard	0.315	0.186	1.700	0.270
	hyphen - standard	0.614	0.183	3.346	0.003
	mediop. 2 - hyphen 2	0.104	0.322	0.323	1.000
	mediop. 2 - standard 2	0.190	0.323	0.589	1.000
	hyphen 2 - standard 2	0.087	0.319	0.271	1.000
	mediop. 3 - hyphen 3	-0.211	0.320	-0.659	1.000
	mediop. 3 - standard 3	0.497	0.322	1.545	1.000
	hyphen 3 - standard 3	0.708	0.319	2.222	0.965
	mediop. 4 - hyphen 4	-0.777	0.317	-2.449	0.530
	mediop. 4 - standard 4	0.260	0.317	0.820	1.000
	hyphen 4 - standard 4	1.037	0.314	3.303	0.037
regressions	mediop. - hyphen	-1.750	2.00	-0.873	1.000
	mediop. - standard	-0.020	2.01	-0.010	1.000
	hyphen - standard	1.730	1.99	0.871	1.000
	mediop. 2 - hyphen 2	2.691	3.49	0.770	1.000
	mediop. 2 - standard 2	4.478	3.51	1.276	1.000
	hyphen 2 - standard 2	1.786	3.46	0.517	1.000
	mediop. 3 - hyphen 3	-6.658	3.47	-1.916	1.000
	mediop. 3 - standard 3	-1.199	3.49	-0.344	1.000
	hyphen 3 - standard 3	5.459	3.46	1.579	1.000
	mediop. 4 - hyphen 4	-1.284	3.44	-0.373	1.000
	mediop. 4 - standard 4	-3.339	3.44	-0.970	1.000
	hyphen 4 - standard 4	-2.056	3.41	-0.603	1.000
first fixation duration	mediop. - hyphen	0.492	17.7	0.028	1.000
	mediop. - standard	-18.045	17.8	-1.014	0.933
	hyphen - standard	-18.537	17.6	-1.054	0.877
	mediop. 2 - hyphen 2	-24.69	30.9	-0.798	1.000
	mediop. 2 - standard 2	3.24	31.1	0.104	1.000
	hyphen 2 - standard 2	27.93	30.6	0.913	1.000
	mediop. 3 - hyphen 3	23.60	30.8	0.767	1.000
	mediop. 3 - standard 3	-15.78	30.9	-0.511	1.000
	hyphen 3 - standard 3	-39.37	30.6	-1.287	1.000
	mediop. 4 - hyphen 4	2.57	30.5	0.084	1.000
	mediop. 4 - standard 4	-41.60	30.5	-1.365	1.000
	hyphen 4 - standard 4	-44.16	30.2	-1.464	1.000
reading time	mediop. - hyphen	-91.1	68.5	-1.330	0.552
	mediop. - standard	43.8	68.7	0.638	1.000
	hyphen - standard	135.0	67.9	1.988	0.142
	mediop. 2 - hyphen 2	-41.45	119	-0.347	1.000
	mediop. 2 - standard 2	38.44	120	0.321	1.000
	hyphen 2 - standard 2	79.9	118	0.676	1.000
	mediop. 3 - hyphen 3	-98.56	119	-0.830	1.000
	mediop. 3 - standard 3	98.05	119	0.822	1.000
	hyphen 3 - standard 3	196.61	118	1.664	1.000
	mediop. 4 - hyphen 4	-133.43	118	-1.134	1.000
	mediop. 4 - standard 4	-4.98	118	-0.042	1.000
	hyphen 4 - standard 4	128.46	116	1.103	1.000

1.7 Pupils with lower reading skills (Experiment 2)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.539	0.284	-1.901	0.176
	mediop. - standard	0.095	0.284	0.336	1.000
	hyphen - standard	0.635	0.278	2.279	0.071
	mediop. 2 - hyphen 2	0.285	0.493	0.578	1.000
	mediop. 2 - standard 2	0.232	0.497	0.466	1.000
	hyphen 2 - standard 2	-0.053	0.482	-0.111	1.000
	mediop. 3 - hyphen 3	-0.627	0.492	-1.275	1.000
	mediop. 3 - standard 3	0.219	0.492	0.446	1.000
	hyphen 3 - standard 3	0.846	0.487	1.738	1.000
	mediop. 4 - hyphen 4	-1.276	0.488	-2.615	0.344
	mediop. 4 - standard 4	-0.165	0.488	-0.337	1.000
	hyphen 4 - standard 4	1.111	0.478	2.326	0.754
regressions	mediop. - hyphen	-4.41	2.82	-1.567	0.356
	mediop. - standard	-1.64	2.82	-0.580	1.000
	hyphen - standard	2.78	2.76	1.005	0.949
	mediop. 2 - hyphen 2	6.398	4.90	1.307	1.000
	mediop. 2 - standard 2	3.759	4.93	0.762	1.000
	hyphen 2 - standard 2	-2.639	4.79	-0.551	1.000
	mediop. 3 - hyphen 3	-10.538	4.88	-2.159	1.000
	mediop. 3 - standard 3	-2.384	4.88	-0.488	1.000
	hyphen 3 - standard 3	8.154	4.83	1.688	1.000
	mediop. 4 - hyphen 4	-9.098	4.84	-1.879	1.000
	mediop. 4 - standard 4	-6.283	4.84	-1.298	1.000
	hyphen 4 - standard 4	2.815	4.74	0.594	1.000
first fixation duration	mediop. - hyphen	9.40	28.8	0.327	1.000
	mediop. - standard	-1.09	28.8	-0.038	1.000
	hyphen - standard	-10.48	28.2	-0.371	1.000
	mediop. 2 - hyphen 2	-35.84	50.0	-0.717	1.000
	mediop. 2 - standard 2	13.78	50.4	0.273	1.000
	hyphen 2 - standard 2	49.62	48.9	1.014	1.000
	mediop. 3 - hyphen 3	33.96	49.9	0.681	1.000
	mediop. 3 - standard 3	-3.16	49.9	-0.063	1.000
	hyphen 3 - standard 3	-37.12	49.4	-0.752	1.000
	mediop. 4 - hyphen 4	30.07	49.5	0.608	1.000
	mediop. 4 - standard 4	-13.88	49.5	-0.281	1.000
	hyphen 4 - standard 4	-43.95	48.4	-0.907	1.000
reading time	mediop. - hyphen	-195.4	112	-1.749	0.245
	mediop. - standard	-38.9	112	-0.348	1.000
	hyphen - standard	156.5	110	1.427	0.465
	mediop. 2 - hyphen 2	-80.3	194	-0.414	1.000
	mediop. 2 - standard 2	1.6	196	0.008	1.000
	hyphen 2 - standard 2	81.9	190	0.431	1.000
	mediop. 3 - hyphen 3	-206.3	194	-1.065	1.000
	mediop. 3 - standard 3	50.9	194	0.263	1.000
	hyphen 3 - standard 3	257.2	192	1.342	1.000
	mediop. 4 - hyphen 4	-299.7	216	-1.559	1.000
	mediop. 4 - standard 4	-169.4	216	-0.881	1.000
	hyphen 4 - standard 4	130.3	216	0.693	1.000

1.8 Pupils with higher reading skills (Experiment 2)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.063	0.239	-0.264	1.000
	mediop. - standard	0.532	0.240	2.218	0.083
	hyphen - standard	0.595	0.239	2.489	0.041
	mediop. 2 - hyphen 2	-0.077	0.419	-0.183	1.000
	mediop. 2 - standard 2	0.154	0.419	0.367	1.000
	hyphen 2 - standard 2	0.231	0.419	0.550	1.000
	mediop. 3 - hyphen 3	0.190	0.416	0.457	1.000
	mediop. 3 - standard 3	0.769	0.419	1.834	1.000
	hyphen 3 - standard 3	0.579	0.416	1.394	1.000
	mediop. 4 - hyphen 4	-0.296	0.411	-0.720	1.000
	mediop. 4 - standard 4	0.667	0.411	1.620	1.000
	hyphen 4 - standard 4	0.963	0.411	2.340	0.726
regressions	mediop. - hyphen	0.732	2.85	0.257	1.000
	mediop. - standard	1.496	2.85	0.524	1.000
	hyphen - standard	0.765	2.85	0.269	1.000
	mediop. 2 - hyphen 2	-1.115	4.97	-0.224	1.000
	mediop. 2 - standard 2	5.231	4.97	1.051	1.000
	hyphen 2 - standard 2	6.346	4.97	1.276	1.000
	mediop. 3 - hyphen 3	-2.912	4.93	-0.591	1.000
	mediop. 3 - standard 3	-0.039	4.97	-0.008	1.000
	hyphen 3 - standard 3	2.874	4.93	0.583	1.000
	mediop. 4 - hyphen 4	6.222	4.88	1.275	1.000
	mediop. 4 - standard 4	-0.704	4.88	-0.144	1.000
	hyphen 4 - standard 4	-6.926	4.88	-1.419	1.000
first fixation duration	mediop. - hyphen	-7.83	21.4	-0.366	1.000
	mediop. - standard	-34.57	21.5	-1.610	0.326
	hyphen - standard	-26.74	21.4	-1.249	0.639
	mediop. 2 - hyphen 2	-12.07	37.4	-0.323	1.000
	mediop. 2 - standard 2	-6.46	37.4	-0.173	1.000
	hyphen 2 - standard 2	5.62	37.4	0.150	1.000
	mediop. 3 - hyphen 3	13.14	37.1	0.354	1.000
	mediop. 3 - standard 3	-28.30	37.4	-0.757	1.000
	hyphen 3 - standard 3	-41.44	37.1	-1.118	1.000
	mediop. 4 - hyphen 4	-24.56	36.7	-0.669	1.000
	mediop. 4 - standard 4	-68.94	36.7	-1.878	1.000
	hyphen 4 - standard 4	-44.38	36.7	-1.209	1.000
reading time	mediop. - hyphen	8.07	80.6	0.100	1.000
	mediop. - standard	123.09	80.9	1.522	0.388
	hyphen - standard	115.02	80.6	1.427	0.465
	mediop. 2 - hyphen 2	-10.92	141	-0.077	1.000
	mediop. 2 - standard 2	68.83	141	0.488	1.000
	hyphen 2 - standard 2	79.75	141	0.566	1.000
	mediop. 3 - hyphen 3	5.36	140	0.038	1.000
	mediop. 3 - standard 3	144.07	141	1.022	1.000
	hyphen 3 - standard 3	138.70	140	0.993	1.000
	mediop. 4 - hyphen 4	29.76	138	0.215	1.000
	mediop. 4 - standard 4	156.37	138	1.131	1.000
	hyphen 4 - standard 4	126.62	138	0.916	1.000

Post-hoc comparisons Experiment 3 and Experiment 4

2.1 Unimpaired readers (Experiment 3)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.037	0.082	-0.449	1.000
	mediop. - standard	0.151	0.082	1.844	0.197
	hyphen - standard	0.188	0.082	2.292	0.067
	mediop. O - hyphen O	-0.105	0.116	-0.903	1.000
	mediop. O - standard O	0.040	0.116	0.344	1.000
	hyphen O - standard O	0.145	0.116	1.248	1.000
	mediop. T - hyphen T	0.031	0.116	0.266	1.000
	mediop. T - standard T	0.262	0.116	2.262	0.359
	hyphen T - standard T	0.232	0.116	1.992	0.700
	mediop. O - mediop. T	-0.045	0.116	-0.389	1.000
	hyphen O - hyphen T	0.091	0.116	0.780	1.000
	standard O - standard T	0.177	0.116	1.529	1.000
regressions	mediop. - hyphen	1.768	1.81	0.976	0.988
	mediop. - standard	1.357	1.81	0.751	1.000
	hyphen - standard	-0.411	1.81	-0.227	1.000
	mediop. O - hyphen O	0.213	2.56	0.083	1.000
	mediop. O - standard O	-1.492	2.56	-0.583	1.000
	hyphen O - standard O	-1.705	2.56	-0.666	1.000
	mediop. T - hyphen T	3.323	2.56	1.299	1.000
	mediop. T - standard T	4.206	2.55	1.647	1.000
	hyphen T - standard T	0.883	2.56	0.345	1.000
	mediop. O - mediop. T	3.792	2.56	1.482	1.000
	hyphen O - hyphen T	6.901	2.56	2.692	0.109
	standard O - standard T	9.489	2.55	3.716	0.003
first fixation duration	mediop. - hyphen	-2.35	8.77	-0.268	1.000
	mediop. - standard	-4.61	8.76	-0.527	1.000
	hyphen - standard	-2.27	8.76	-0.259	1.000
	mediop. O - hyphen O	-7.366	12.4	-0.593	1.000
	mediop. O - standard O	10.902	12.4	0.880	1.000
	hyphen O - standard O	18.269	12.4	1.474	1.000
	mediop. T - hyphen T	2.672	12.4	0.216	1.000
	mediop. T - standard T	-20.132	12.4	-1.627	1.000
	hyphen T - standard T	-22.804	12.4	-1.840	0.993
	mediop. O - mediop. T	-10.207	12.4	-0.823	1.000
	hyphen O - hyphen T	-0.169	12.4	-0.014	1.000
	standard O - standard T	-41.241	12.4	-3.333	0.014
reading time	mediop. - hyphen	-13.0	21.3	-0.610	1.000
	mediop. - standard	10.7	21.3	0.501	1.000
	hyphen - standard	23.7	21.3	1.111	0.800
	mediop. O - hyphen O	-13.567	30.2	-0.449	1.000
	mediop. O - standard O	11.801	30.1	0.391	1.000
	hyphen O - standard O	25.367	30.1	0.841	1.000
	mediop. T - hyphen T	-12.477	30.1	-0.414	1.000
	mediop. T - standard T	9.533	30.1	0.317	1.000
	hyphen T - standard T	22.010	30.1	0.730	1.000
	mediop. O - mediop. T	-13.045	30.1	-0.433	1.000
	hyphen O - hyphen T	-11.955	30.2	-0.396	1.000
	standard O - standard T	-15.312	30.1	-0.509	1.000

2.2 Target group (Experiment 3)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	0.112	0.174	0.648	1.000
	mediop. - standard	0.162	0.174	0.930	1.000
	hyphen - standard	0.049	0.174	0.284	1.000
	mediop. O - hyphen O	0.265	0.246	1.077	1.000
	mediop. O - standard O	0.340	0.247	1.376	1.000
	hyphen O - standard O	0.075	0.246	0.305	1.000
	mediop. T - hyphen T	-0.038	0.246	-0.156	1.000
	mediop. T - standard T	-0.014	0.246	-0.057	1.000
	hyphen T - standard T	0.024	0.247	0.098	1.000
	mediop. O - mediop. T	0.542	0.246	2.207	0.421
	hyphen O - hyphen T	0.239	0.246	0.974	1.000
	standard O - standard T	0.189	0.247	0.764	1.000
regressions	mediop. - hyphen	0.185	2.68	0.069	1.000
	mediop. - standard	-0.904	2.69	-0.336	1.000
	hyphen - standard	-1.089	2.69	-0.405	1.000
	mediop. O - hyphen O	2.125	3.79	0.560	1.000
	mediop. O - standard O	0.434	3.81	0.114	1.000
	hyphen O - standard O	-1.691	3.79	-0.446	1.000
	mediop. T - hyphen T	-1.754	3.79	-0.463	1.000
	mediop. T - standard T	-2.242	3.79	-0.591	1.000
	hyphen T - standard T	-0.488	3.81	-0.128	1.000
	mediop. O - mediop. T	7.902	3.79	2.084	0.571
hyphen O - hyphen T	4.023	3.79	1.061	1.000	
standard O - standard T	5.226	3.81	1.372	1.000	
first fixation duration	mediop. - hyphen	-19.44	18	-1.082	0.840
	mediop. - standard	9.01	18	0.500	1.000
	hyphen - standard	28.45	18	1.579	0.346
	mediop. O - hyphen O	8.67	25.4	0.341	1.000
	mediop. O - standard O	28.39	25.5	1.112	1.000
	hyphen O - standard O	19.72	25.4	0.776	1.000
	mediop. T - hyphen T	-47.56	25.4	-1.872	0.933
	mediop. T - standard T	-10.37	25.4	-0.408	1.000
	hyphen T - standard T	37.18	25.5	1.456	1.000
	mediop. O - mediop. T	25.64	25.4	1.009	1.000
hyphen O - hyphen T	-30.58	25.4	-1.204	1.000	
standard O - standard T	-13.12	25.5	-0.514	1.000	
reading time	mediop. - hyphen	64.1	60.2	1.065	0.863
	mediop. - standard	10.2	60.3	0.170	1.000
	hyphen - standard	-53.9	60.3	-0.893	1.000
	mediop. O - hyphen O	156.03	85.1	1.834	1.000
	mediop. O - standard O	61.73	85.4	0.722	1.000
	hyphen O - standard O	-94.30	85.1	-1.108	1.000
	mediop. T - hyphen T	-27.88	85.1	-0.328	1.000
	mediop. T - standard T	-41.29	85.1	-0.485	1.000
	hyphen T - standard T	-13.41	85.5	-0.157	1.000
	mediop. O - mediop. T	159.61	85.1	1.876	0.924
	hyphen O - hyphen T	-24.30	85.1	-0.286	1.000
	standard O - standard T	56.59	85.4	0.662	1.000

2.3 Pupils with lower reading skills (Experiment 3)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	0.353	0.299	1.178	0.722
	mediop. - standard	0.360	0.301	1.197	0.700
	hyphen - standard	0.007	0.301	0.024	1.000
	mediop. O - hyphen O	0.631	0.425	1.484	1.000
	mediop. O - standard O	0.578	0.429	1.346	1.000
	hyphen O - standard O	-0.054	0.425	-0.127	1.000
	mediop. T - hyphen T	0.077	0.425	0.180	1.000
	mediop. T - standard T	0.149	0.425	0.350	1.000
	hyphen T - standard T	0.072	0.429	0.168	1.000
	mediop. O - mediop. T	0.890	0.425	2.094	0.570
	hyphen O - hyphen T	0.336	0.425	0.790	1.000
	standard O - standard T	0.462	0.429	1.077	1.000
regressions	mediop. - hyphen	0.746	3.30	0.226	1.000
	mediop. - standard	-1.653	3.32	-0.498	1.000
	hyphen - standard	-2.399	3.32	-0.723	1.000
	mediop. O - hyphen O	-1.601	4.67	-0.343	1.000
	mediop. O - standard O	-2.885	4.71	-0.612	1.000
	hyphen O - standard O	-1.283	4.67	-0.275	1.000
	mediop. T - hyphen T	3.094	4.67	0.662	1.000
	mediop. T - standard T	-0.421	4.67	-0.090	1.000
	hyphen T - standard T	-3.516	4.72	-0.745	1.000
	mediop. O - mediop. T	5.806	4.67	1.243	1.000
	hyphen O - hyphen T	10.502	4.67	2.248	0.391
	standard O - standard T	8.269	4.71	1.755	1.000
first fixation duration	mediop. - hyphen	-34.1	30.9	-1.103	0.815
	mediop. - standard	25.6	31.1	0.825	1.000
	hyphen - standard	59.7	31.1	1.922	0.170
	mediop. O - hyphen O	32.864	43.7	0.752	1.000
	mediop. O - standard O	71.923	44.1	1.631	1.000
	hyphen O - standard O	39.059	43.7	0.893	1.000
	mediop. T - hyphen T	-101.092	43.7	-2.312	0.333
	mediop. T - standard T	-20.676	43.7	-0.473	1.000
	hyphen T - standard T	80.416	44.2	1.821	1.000
	mediop. O - mediop. T	52.834	43.7	1.208	1.000
	hyphen O - hyphen T	-81.122	43.7	-1.856	0.983
	standard O - standard T	-39.765	44.1	-0.901	1.000
reading time	mediop. - hyphen	127.2	111	1.142	0.766
	mediop. - standard	73.9	112	0.661	1.000
	hyphen - standard	-53.3	112	-0.476	1.000
	mediop. O - hyphen O	360.612	157	2.290	0.352
	mediop. O - standard O	190.285	159	1.198	1.000
	hyphen O - standard O	-170.327	157	-1.082	1.000
	mediop. T - hyphen T	-106.278	157	-0.675	1.000
	mediop. T - standard T	-42.498	157	-0.270	1.000
	hyphen T - standard T	63.780	159	0.401	1.000
	mediop. O - mediop. T	361.071	157	2.293	0.350
	hyphen O - hyphen T	-105.819	157	-0.672	1.000
	standard O - standard T	128.288	159	0.808	1.000

2.4 Pupils with higher reading skills (Experiment 3)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.111	0.178	-0.624	1.000
	mediop. - standard	-0.037	0.178	-0.208	1.000
	hyphen - standard	0.074	0.178	0.416	1.000
	mediop. O - hyphen O	-0.074	0.253	-0.293	1.000
	mediop. O - standard O	0.111	0.253	0.440	1.000
	hyphen O - standard O	0.185	0.253	0.733	1.000
	mediop. T - hyphen T	-0.148	0.253	-0.586	1.000
	mediop. T - standard T	-0.185	0.253	-0.733	1.000
	hyphen T - standard T	-0.037	0.253	-0.147	1.000
	mediop. O - mediop. T	0.222	0.253	0.879	1.000
	hyphen O - hyphen T	0.148	0.253	0.586	1.000
	standard O - standard T	-0.074	0.253	-0.293	1.000
regressions	mediop. - hyphen	-0.315	4.22	-0.075	1.000
	mediop. - standard	-0.222	4.22	-0.053	1.000
	hyphen - standard	0.093	4.22	0.022	1.000
	mediop. O - hyphen O	5.852	5.97	0.981	1.000
	mediop. O - standard O	3.630	5.97	0.608	1.000
	hyphen O - standard O	-2.222	5.97	-0.372	1.000
	mediop. T - hyphen T	-6.482	5.97	-1.086	1.000
	mediop. T - standard T	-4.074	5.97	-0.683	1.000
	hyphen T - standard T	2.407	5.97	0.403	1.000
	mediop. O - mediop. T	10.000	5.97	1.676	1.000
	hyphen O - hyphen T	-2.333	5.97	-0.391	1.000
	standard O - standard T	2.296	5.97	0.385	1.000
first fixation duration	mediop. - hyphen	-5.11	18.2	-0.280	1.000
	mediop. - standard	-7.00	18.2	-0.384	1.000
	hyphen - standard	-1.90	18.2	-0.104	1.000
	mediop. O - hyphen O	-14.496	25.8	-0.562	1.000
	mediop. O - standard O	-13.533	25.8	-0.524	1.000
	hyphen O - standard O	0.963	25.8	0.037	1.000
	mediop. T - hyphen T	4.281	25.8	0.166	1.000
	mediop. T - standard T	-0.474	25.8	-0.018	1.000
	hyphen T - standard T	-4.756	25.8	-0.184	1.000
	mediop. O - mediop. T	-0.519	25.8	-0.020	1.000
	hyphen O - hyphen T	18.259	25.8	0.708	1.000
	standard O - standard T	12.541	25.8	0.486	1.000
reading time	mediop. - hyphen	3.91	46.5	0.084	1.000
	mediop. - standard	-50.94	46.5	-1.096	0.824
	hyphen - standard	-54.85	46.5	-1.181	0.719
	mediop. O - hyphen O	-41.4	65.7	-0.630	1.000
	mediop. O - standard O	-62.1	65.7	-0.945	1.000
	hyphen O - standard O	-20.7	65.7	-0.314	1.000
	mediop. T - hyphen T	49.2	65.7	0.749	1.000
	mediop. T - standard T	-39.8	65.7	-0.606	1.000
	hyphen T - standard T	-89.0	65.7	-1.355	1.000
	mediop. O - mediop. T	-34.7	65.7	-0.528	1.000
	hyphen O - hyphen T	55.9	65.7	0.851	1.000
	standard O - standard T	-12.5	65.7	-0.190	1.000

2.5 Unimpaired readers (Experiment 4)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.401	0.13	-3.093	0.006
	mediop. - standard	0.435	0.13	3.323	0.003
	hyphen - standard	0.836	0.13	6.422	< 0.001
	mediop. O - hyphen O	-0.890	0.184	-4.847	< 0.001
	mediop. O - standard O	0.393	0.187	2.099	0.542
	hyphen O - standard O	1.283	0.185	6.933	< 0.001
	mediop. T - hyphen T	0.088	0.183	0.483	1.000
	mediop. T - standard T	0.478	0.183	2.608	0.139
	hyphen T - standard T	0.389	0.183	2.126	0.507
	mediop. O - mediop. T	-0.148	0.184	-0.806	1.000
	hyphen O - hyphen T	0.830	0.182	4.557	< 0.001
	standard O - standard T	-0.064	0.186	-0.341	1.000
regressions	mediop. - hyphen	-0.505	1.76	-0.288	1.000
	mediop. - standard	1.662	1.78	0.936	1.000
	hyphen - standard	2.167	1.77	1.228	0.660
	mediop. O - hyphen O	-4.563	2.49	-1.833	1.000
	mediop. O - standard O	0.840	2.54	0.331	1.000
	hyphen O - standard O	5.403	2.51	2.154	0.473
	mediop. T - hyphen T	3.552	2.48	1.433	1.000
	mediop. T - standard T	2.483	2.48	1.000	1.000
	hyphen T - standard T	-1.070	2.48	-0.431	1.000
	mediop. O - mediop. T	-2.331	2.50	-0.933	1.000
hyphen O - hyphen T	5.784	2.47	2.342	0.292	
standard O - standard T	-0.689	2.52	-0.273	1.000	
first fixation duration	mediop. - hyphen	-8.283	11.0	-0.754	1.000
	mediop. - standard	0.614	11.1	0.055	1.000
	hyphen - standard	8.897	11.0	0.806	1.000
	mediop. O - hyphen O	-22.174	15.6	-1.425	1.000
	mediop. O - standard O	1.517	15.9	0.096	1.000
	hyphen O - standard O	23.691	15.7	1.510	1.000
	mediop. T - hyphen T	5.608	15.5	0.362	1.000
	mediop. T - standard T	-0.289	15.5	-0.019	1.000
	hyphen T - standard T	-5.897	15.5	-0.380	1.000
	mediop. O - mediop. T	-0.918	15.6	-0.059	1.000
hyphen O - hyphen T	26.865	15.4	1.740	1.000	
standard O - standard T	-2.724	15.8	-0.173	1.000	
reading time	mediop. - hyphen	-132	46.8	-2.824	0.015
	mediop. - standard	87	47.3	1.839	0.199
	hyphen - standard	219	47.0	4.661	< 0.001
	mediop. O - hyphen O	-287.63	66.3	-4.336	< 0.001
	mediop. O - standard O	68.88	67.6	1.019	1.000
	hyphen O - standard O	356.51	66.8	5.333	< 0.001
	mediop. T - hyphen T	23.23	66.0	0.352	1.000
	mediop. T - standard T	105.16	66.2	1.589	1.000
	hyphen T - standard T	81.94	66.2	1.238	1.000
	mediop. O - mediop. T	-28.74	66.6	-0.432	1.000
hyphen O - hyphen T	282.12	65.8	4.288	< 0.001	
standard O - standard T	7.55	67.2	0.112	1.000	

2.6 Target group (Experiment 4)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.228	0.274	-0.832	1.000
	mediop. - standard	0.314	0.273	1.150	0.753
	hyphen - standard	0.542	0.274	1.974	0.148
	mediop. O - hyphen O	-0.172	0.390	-0.441	1.000
	mediop. O - standard O	0.324	0.386	0.838	1.000
	hyphen O - standard O	0.496	0.388	1.277	1.000
	mediop. T - hyphen T	-0.282	0.387	-0.730	1.000
	mediop. T - standard T	0.305	0.388	0.785	1.000
	hyphen T - standard T	0.587	0.391	1.503	1.000
	mediop. O - mediop. T	0.324	0.386	0.838	1.000
	hyphen O - hyphen T	0.214	0.391	0.547	1.000
	standard O - standard T	0.305	0.388	0.785	1.000
regressions	mediop. - hyphen	-0.308	2.94	-0.105	1.000
	mediop. - standard	-0.648	2.93	-0.221	1.000
	hyphen - standard	-0.340	2.95	-0.115	1.000
	mediop. O - hyphen O	-3.379	4.18	-0.809	1.000
	mediop. O - standard O	-4.134	4.14	-1.000	1.000
	hyphen O - standard O	-0.756	4.16	-0.182	1.000
	mediop. T - hyphen T	2.762	4.14	0.668	1.000
	mediop. T - standard T	2.838	4.15	0.683	1.000
	hyphen T - standard T	0.076	4.18	0.018	1.000
	mediop. O - mediop. T	-5.436	4.14	-1.315	1.000
	hyphen O - hyphen T	0.705	4.18	0.169	1.000
	standard O - standard T	1.536	4.15	0.370	1.000
first fixation duration	mediop. - hyphen	-50.66	38.7	-1.310	0.574
	mediop. - standard	4.51	38.6	0.117	1.000
	hyphen - standard	55.17	38.8	1.422	0.468
	mediop. O - hyphen O	11.235	55.0	0.204	1.000
	mediop. O - standard O	17.249	54.5	0.317	1.000
	hyphen O - standard O	6.014	54.7	0.110	1.000
	mediop. T - hyphen T	-112.556	54.5	-2.065	0.597
	mediop. T - standard T	-8.233	54.7	-0.150	1.000
	hyphen T - standard T	104.324	55.1	1.895	0.887
	mediop. O - mediop. T	24.592	54.5	0.451	1.000
	hyphen O - hyphen T	-99.199	55.1	-1.801	1.000
	standard O - standard T	-0.889	54.7	-0.016	1.000
reading time	mediop. - hyphen	-71.1	106	-0.669	1.000
	mediop. - standard	54.7	106	0.516	1.000
	hyphen - standard	125.8	107	1.181	0.716
	mediop. O - hyphen O	-11.40	151	-0.075	1.000
	mediop. O - standard O	36.95	150	0.247	1.000
	hyphen O - standard O	48.35	150	0.322	1.000
	mediop. T - hyphen T	-130.82	150	-0.874	1.000
	mediop. T - standard T	72.41	150	0.482	1.000
	hyphen T - standard T	203.23	151	1.344	1.000
	mediop. O - mediop. T	126.67	150	0.847	1.000
	hyphen O - hyphen T	7.24	151	0.048	1.000
	standard O - standard T	162.13	150	1.079	1.000

2.7 Pupils with lower reading skills (Experiment 4)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.300	0.494	-0.607	1.000
	mediop. - standard	-0.162	0.492	-0.330	1.000
	hyphen - standard	0.138	0.497	0.277	1.000
	mediop. O - hyphen O	-0.348	0.704	-0.494	1.000
	mediop. O - standard O	-0.192	0.697	-0.276	1.000
	hyphen O - standard O	0.155	0.704	0.221	1.000
	mediop. T - hyphen T	-0.252	0.704	-0.358	1.000
	mediop. T - standard T	-0.132	0.704	-0.188	1.000
	hyphen T - standard T	0.120	0.711	0.169	1.000
	mediop. O - mediop. T	0.385	0.697	0.552	1.000
	hyphen O - hyphen T	0.480	0.712	0.674	1.000
	standard O - standard T	0.445	0.704	0.632	1.000
regressions	mediop. - hyphen	-2.50	4.18	-0.598	1.000
	mediop. - standard	-6.73	4.16	-1.617	0.324
	hyphen - standard	-4.23	4.21	-1.006	0.949
	mediop. O - hyphen O	-6.392	5.92	-1.079	1.000
	mediop. O - standard O	-6.731	5.86	-1.149	1.000
	hyphen O - standard O	-0.338	5.92	-0.057	1.000
	mediop. T - hyphen T	1.386	5.92	0.234	1.000
	mediop. T - standard T	-6.734	5.92	-1.138	1.000
	hyphen T - standard T	-8.120	5.98	-1.357	1.000
	mediop. O - mediop. T	-2.538	5.86	-0.433	1.000
	hyphen O - hyphen T	5.240	5.98	0.876	1.000
	standard O - standard T	-2.542	5.92	-0.430	1.000
first fixation duration	mediop. - hyphen	-63.7	75.4	-0.845	1.000
	mediop. - standard	13.6	75.1	0.181	1.000
	hyphen - standard	77.3	75.8	1.019	0.930
	mediop. O - hyphen O	55.57	107	0.520	1.000
	mediop. O - standard O	63.43	106	0.600	1.000
	hyphen O - standard O	7.86	107	0.074	1.000
	mediop. T - hyphen T	-182.95	107	-1.711	1.000
	mediop. T - standard T	-36.20	107	-0.340	1.000
	hyphen T - standard T	146.75	108	1.359	1.000
	mediop. O - mediop. T	45.14	106	0.427	1.000
	hyphen O - hyphen T	-193.38	108	-1.788	1.000
	standard O - standard T	-54.49	107	-0.511	1.000
reading time	mediop. - hyphen	2.48	186	0.013	1.000
	mediop. - standard	-8.46	185	-0.046	1.000
	hyphen - standard	-10.94	187	-0.059	1.000
	mediop. O - hyphen O	148.72	264	0.564	1.000
	mediop. O - standard O	130.21	260	0.500	1.000
	hyphen O - standard O	-18.50	263	-0.070	1.000
	mediop. T - hyphen T	-143.76	263	-0.546	1.000
	mediop. T - standard T	-147.13	263	-0.560	1.000
	hyphen T - standard T	-3.37	266	-0.013	1.000
	mediop. O - mediop. T	251.54	260	0.966	1.000
	hyphen O - hyphen T	-40.94	267	-0.154	1.000
	standard O - standard T	-25.81	263	-0.098	1.000

2.8 Pupils with higher reading skills (Experiment 4)

Dependent Variable	Contrast	Estimate	Std. Error	t-ratio	p-value
fixation count	mediop. - hyphen	-0.151	0.246	-0.615	1.000
	mediop. - standard	0.757	0.246	3.083	0.007
	hyphen - standard	0.908	0.246	3.698	0.001
	mediop. O - hyphen O	0.000	0.352	0.000	1.000
	mediop. O - standard O	0.814	0.349	2.331	0.317
	hyphen O - standard O	0.814	0.349	2.331	0.317
	mediop. T - hyphen T	-0.296	0.346	-0.857	1.000
	mediop. T - standard T	0.703	0.349	2.011	0.692
	hyphen T - standard T	0.999	0.349	2.860	0.073
	mediop. O - mediop. T	0.259	0.349	0.741	1.000
	hyphen O - hyphen T	-0.038	0.349	-0.107	1.000
	standard O - standard T	0.147	0.349	0.421	1.000
regressions	mediop. - hyphen	1.83	4.04	0.452	1.000
	mediop. - standard	5.24	4.04	1.296	0.591
	hyphen - standard	3.41	4.04	0.845	1.000
	mediop. O - hyphen O	-0.423	5.77	-0.073	1.000
	mediop. O - standard O	-1.515	5.72	-0.265	1.000
	hyphen O - standard O	-1.092	5.72	-0.191	1.000
	mediop. T - hyphen T	4.074	5.66	0.720	1.000
	mediop. T - standard T	11.992	5.72	2.098	0.565
	hyphen T - standard T	7.918	5.72	1.385	1.000
	mediop. O - mediop. T	-8.107	5.72	-1.418	1.000
	hyphen O - hyphen T	-3.610	5.72	-0.631	1.000
	standard O - standard T	5.399	5.72	0.944	1.000
first fixation duration	mediop. - hyphen	-39.52	22.6	-1.747	0.248
	mediop. - standard	-4.48	22.6	-0.198	1.000
	hyphen - standard	35.04	22.6	1.549	0.371
	mediop. O - hyphen O	-31.22	32.3	-0.967	1.000
	mediop. O - standard O	-27.35	32.0	-0.855	1.000
	hyphen O - standard O	3.86	32.0	0.121	1.000
	mediop. T - hyphen T	-47.81	31.7	-1.509	1.000
	mediop. T - standard T	18.40	32.0	0.575	1.000
	hyphen T - standard T	66.21	32.0	2.070	0.604
	mediop. O - mediop. T	4.68	32.0	0.146	1.000
	hyphen O - hyphen T	-11.92	32.0	-0.373	1.000
	standard O - standard T	50.42	32.0	1.576	1.000
reading time	mediop. - hyphen	-144	108	-1.334	0.553
	mediop. - standard	114	108	1.052	0.884
	hyphen - standard	258	108	2.386	0.055
	mediop. O - hyphen O	-170.00	154	-1.101	1.000
	mediop. O - standard O	-56.48	153	-0.369	1.000
	hyphen O - standard O	113.52	153	0.742	1.000
	mediop. T - hyphen T	-118.65	152	-0.783	1.000
	mediop. T - standard T	284.00	153	1.856	0.983
	hyphen T - standard T	402.65	153	2.631	0.142
	mediop. O - mediop. T	2.81	153	0.018	1.000
	hyphen O - hyphen T	54.16	153	0.354	1.000
	standard O - standard T	343.28	153	2.243	0.396

Contextual effects (Experiment 1 vs. Experiment 2)

3.1 Unimpaired readers

		β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	standard	1.889	0.110	17.165	< 0.001	***
	hyphen	1.574	0.110	14.340	< 0.001	***
	mediop.	1.687	0.110	15.391	< 0.001	***
LMM ^{regressions}	standard	13.299	1.28	10.401	< 0.001	***
	hyphen	12.338	1.27	9.679	< 0.001	***
	mediop.	11.765	1.27	9.242	< 0.001	***
LMM ^{first fixation duration}	standard	2.600	6.43	0.405	1.000	
	hyphen	-6.203	6.41	-0.968	1.000	
	mediop.	-5.068	6.40	-0.792	1.000	
LMM ^{total reading time}	standard	501.11	30.0	16.679	< 0.001	***
	hyphen	367.04	29.9	12.255	< 0.001	***
	mediop.	453.37	29.9	15.157	< 0.001	***

3.2 Target group

		β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	standard	2.172	0.252	8.634	< 0.001	***
	hyphen	1.808	0.251	7.210	< 0.001	***
	mediop.	1.963	0.254	7.726	< 0.001	***
LMM ^{regressions}	standard	10.990	1.97	5.571	< 0.001	***
	hyphen	11.533	1.97	5.865	< 0.001	***
	mediop.	9.230	1.99	4.633	< 0.001	***
LMM ^{first fixation duration}	standard	-62.346	15.8	-3.937	0.001	***
	hyphen	-38.873	15.8	-2.462	0.210	
	mediop.	-43.449	16.0	-2.716	0.101	
LMM ^{total reading time}	standard	306.19	70.0	4.376	< 0.001	***
	hyphen	150.89	69.7	2.163	0.462	
	mediop.	260.38	70.7	3.684	0.004	**

3.3 Pupils with lower reading skills

		β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	standard	3.378	0.414	8.168	< 0.001	***
	hyphen	2.798	0.412	6.787	< 0.001	***
	mediop.	3.087	0.422	7.313	< 0.001	***
LMM ^{regressions}	standard	12.80	2.75	4.652	< 0.001	***
	hyphen	12.87	2.74	4.692	< 0.001	***
	mediop.	12.54	2.81	4.466	< 0.001	***
LMM ^{first fixation duration}	standard	-66.251	24.2	-2.734	0.098	.
	hyphen	-68.655	24.2	-2.842	0.070	.
	mediop.	-54.432	24.7	-2.201	0.424	
LMM ^{total reading time}	standard	450.7	116	3.886	0.002	***
	hyphen	233.3	116	2.018	0.662	
	mediop.	430.9	118	3.641	0.005	**

3.4 Pupils with higher reading skills

		β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	standard	0.966	0.253	3.817	0.002	**
	hyphen	0.819	0.252	3.245	0.019	*
	mediop.	0.898	0.253	3.548	0.006	*
LMM ^{regressions}	standard	9.197	2.82	3.258	0.018	*
	hyphen	10.218	2.81	3.632	0.005	**
	mediop.	6.167	2.82	2.185	0.441	
LMM ^{first fixation duration}	standard	-58.40	20.5	-2.844	0.070	.
	hyphen	-9.25	20.5	-0.452	1.000	
	mediop.	-33.27	20.5	-1.621	1.000	
LMM ^{total reading time}	standard	161.20	75.3	2.140	0.494	
	hyphen	67.88	75.1	0.904	1.000	
	mediop.	101.58	75.3	1.348	1.000	

Contextual effects (Experiment 3 vs. Experiment 4)

4.1 Unimpaired readers

	Transparency	Segmentation	β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	transparent	standard	0.421	0.132	3.188	0.096	.
		hyphen	-0.224	0.132	-1.698	1.000	
		mediop.	0.135	0.132	1.020	1.000	
	opaque	standard	0.282	0.133	2.119	1.000	
		hyphen	-0.363	0.132	-2.760	0.386	
		mediop.	-0.005	0.133	-0.036	1.000	
LMM ^{regressions}	transparent	standard	1.265	2.09	0.607	1.000	
		hyphen	-1.320	2.08	-0.634	1.000	
		mediop.	1.010	2.08	0.485	1.000	
	opaque	standard	7.089	2.10	3.376	0.050	*
		hyphen	4.503	2.08	2.168	1.000	
		mediop.	6.834	2.09	3.267	0.073	.
LMM ^{first fixation duration}	transparent	standard	12.018	11.6	1.034	1.000	
		hyphen	0.876	11.6	0.076	1.000	
		mediop.	6.790	11.6	0.585	1.000	
	opaque	standard	-13.040	11.7	-1.114	1.000	
		hyphen	-24.182	11.6	-2.089	1.000	
		mediop.	-18.267	11.7	-1.567	1.000	
LMM ^{reading time}	transparent	standard	194.025	44.7	4.340	0.001	***
		hyphen	-0.184	44.6	-0.004	1.000	
		mediop.	116.159	44.6	2.603	0.615	
	opaque	standard	89.995	45.0	1.999	1.000	
		hyphen	-104.214	44.5	-2.341	1.000	
		mediop.	12.129	44.8	0.270	1.000	

4.2 Target group

	Transparency	Segmentation	β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	transparent	standard	0.376	0.272	1.382	1.000	
		hyphen	-0.116	0.271	-0.427	1.000	
		mediop.	0.231	0.269	0.858	1.000	
	opaque	standard	0.424	0.270	1.567	1.000	
		hyphen	-0.068	0.271	-0.249	1.000	
		mediop.	0.279	0.271	1.032	1.000	
LMM ^{regressions}	transparent	standard	-0.539	3.29	-0.164	1.000	
		hyphen	-1.316	3.28	-0.401	1.000	
		mediop.	-0.782	3.26	-0.240	1.000	
	opaque	standard	6.311	3.27	1.927	1.000	
		hyphen	5.534	3.28	1.686	1.000	
		mediop.	6.068	3.28	1.852	1.000	
LMM ^{first fixation duration}	transparent	standard	-71.451	36.3	-1.969	1.000	
		hyphen	-100.262	36.2	-2.769	0.382	
		mediop.	-68.003	36.0	-1.890	1.000	
	opaque	standard	-54.381	36.1	-1.505	1.000	
		hyphen	-83.193	36.2	-2.298	1.000	
		mediop.	-50.934	36.1	-1.409	1.000	
LMM ^{reading time}	transparent	standard	-46.62	105	-0.446	1.000	
		hyphen	-225.10	104	-2.157	1.000	
		mediop.	-85.85	104	-0.828	1.000	
	opaque	standard	-83.88	104	-0.806	1.000	
		hyphen	-262.36	104	-2.514	0.804	
		mediop.	-123.12	104	-1.182	1.000	

4.3 Pupils with lower reading skills

		Transparency	Segmentation	β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	transparent	standard		0.265	0.478	0.555	1.000	
		hyphen		0.109	0.478	0.228	1.000	
		mediop.		0.777	0.472	1.647	1.000	
	opaque	standard		0.401	0.476	0.844	1.000	
		hyphen		0.245	0.476	0.515	1.000	
		mediop.		0.913	0.474	1.925	1.000	
LMM ^{regressions}	transparent	standard		-1.914	4.44	-0.431	1.000	
		hyphen		-0.449	4.44	-0.101	1.000	
		mediop.		3.068	4.39	0.699	1.000	
	opaque	standard		6.395	4.42	1.446	1.000	
		hyphen		7.860	4.42	1.777	1.000	
		mediop.		11.376	4.41	2.581	0.683	
LMM ^{first fixation duration}	transparent	standard		-135.94	68.5	-1.984	1.000	
		hyphen		-157.15	68.6	-2.292	1.000	
		mediop.		-125.06	67.7	-1.848	1.000	
	opaque	standard		-95.05	68.2	-1.393	1.000	
		hyphen		-116.26	68.2	-1.704	1.000	
		mediop.		-84.17	68.0	-1.238	1.000	
LMM ^{reading time}	transparent	standard		-213.7	183	-1.170	1.000	
		hyphen		-254.9	183	-1.395	1.000	
		mediop.		-121.8	180	-0.676	1.000	
	opaque	standard		-152.0	182	-0.836	1.000	
		hyphen		-193.2	182	-1.063	1.000	
		mediop.		-60.1	181	-0.332	1.000	

4.4 Pupils with higher reading skills

		Transparency	Segmentation	β	Std. Error	t-ratio	p-value	sig
LMM ^{fixation count}	transparent	standard		0.493	0.267	1.847	1.000	
		hyphen		-0.340	0.266	-1.278	1.000	
		mediop.		-0.301	0.266	-1.135	1.000	
	opaque	standard		0.470	0.266	1.769	1.000	
		hyphen		-0.363	0.267	-1.358	1.000	
		mediop.		-0.324	0.267	-1.215	1.000	
LMM ^{regressions}	transparent	standard		0.914	4.83	0.189	1.000	
		hyphen		-2.346	4.81	-0.488	1.000	
		mediop.		-4.566	4.81	-0.950	1.000	
	opaque	standard		6.384	4.81	1.328	1.000	
		hyphen		3.124	4.83	0.647	1.000	
		mediop.		0.904	4.83	0.187	1.000	
LMM ^{first fixation duration}	transparent	standard		-10.136	25.7	-0.395	1.000	
		hyphen		-47.077	25.3	-1.844	1.000	
		mediop.		-12.501	25.5	-0.490	1.000	
	opaque	standard		-14.559	25.5	-0.570	1.000	
		hyphen		-51.500	25.7	-2.007	1.000	
		mediop.		-16.923	25.7	-0.660	1.000	
LMM ^{reading time}	transparent	standard		114.94	106	1.084	1.000	
		hyphen		-197.55	106	-1.871	1.000	
		mediop.		-49.13	106	-0.465	1.000	
	opaque	standard		-16.29	106	-0.154	1.000	
		hyphen		-328.78	106	-3.099	0.140	
		mediop.		-180.36	106	-1.700	1.000	