

Table 6.

LMMs Results for the WL analyses (UK): Word Frequency and Length Effects Table

Measures	Contrasts	β	SE	t	p
Gaze Durations	(Intercept)	5.285e+00	1.721e-02	307.114	<.0001***
	Freq.	-4.022e-02	5.770e-03	-6.970	<.0001***
	Len.	5.135e-02	6.618e-03	7.760	<.0001***
	Speed (20-12cps)	-2.625e-02	5.777e-03	-4.544	<.0001***
	Speed (28-20cps)	-6.533e-02	5.895e-03	-11.082	<.0001***
	Video (Present-Absent)	-9.369e-02	1.024e-02	-9.152	<.0001***
	Freq. × Len.	-1.747e-02	3.307e-03	-5.284	<.0001***
	Freq. × Speed (20-12cps)	1.244e-02	6.886e-03	1.807	0.070
	Freq. × Speed (28-20cps)	-9.380e-03	7.078e-03	-1.325	0.185
	Freq. × Video (Present-Absent)	5.217e-03	5.781e-03	0.902	0.366
	Len. × Speed (20-12cps)	1.038e-03	7.094e-03	0.146	0.883
	Len. × Speed (28-20cps)	-7.228e-03	7.257e-03	-0.996	0.319
	Len. × Video (Present-Absent)	4.039e-03	5.936e-03	0.680	0.496
	Speed (20-12cps) × Video (Present-Absent)	3.561e-02	1.158e-02	3.076	0.002**
	Speed (28-20cps) × Video (Present-Absent)	3.970e-02	1.184e-02	3.353	<.0009***
	Freq. × Len. × Speed (20-12cps)	1.329e-02	4.792e-03	2.774	0.005**
	Freq. × Len. × Speed (28-20cps)	-1.020e-02	4.831e-03	-2.112	0.034
	Freq. × Len. × Video (Present-Absent)	2.071e-03	3.976e-03	0.521	0.602
	Freq. × Speed (20-12cps) × Video (Present-Absent)	-1.893e-03	1.379e-02	-0.137	0.890
	Freq. × Speed (28-20cps) × Video (Present-Absent)	-1.625e-02	1.420e-02	-1.144	0.252
Len. × Speed (20-12cps) × Video (Present-Absent)	1.497e-02	1.422e-02	1.053	0.292	
Len. × Speed (28-20cps) × Video (Present-Absent)	-1.936e-02	1.456e-02	-1.329	0.183	
Freq. × Len. × Speed (20-12cps) × Video (Present-Absent)	-8.949e-03	9.599e-03	-0.932	0.351	
Freq. × Len. × Speed (28-20cps) × Video (Present-Absent)	3.173e-03	9.683e-03	0.328	0.743	
Total Times	(Intercept)	5.532e+00	1.422e-02	388.946	<.0001***
	Freq.	-6.501e-02	6.305e-03	-10.311	<.0001***
	Len.	1.006e-01	6.675e-03	15.065	<.0001***
	Speed (20-12cps)	-2.154e-01	1.071e-02	-20.114	<.0001***
	Speed (20-28cps)	-1.624e-01	1.058e-02	-15.342	<.0001***
	Video (Present-Absent)	-1.958e-01	5.648e-03	-34.667	<.0001***
	Freq. × Len.	-1.566e-02	3.467e-03	-4.519	<.0001***
	Freq. × Speed (20-12cps)	1.934e-02	8.037e-03	2.406	0.016
	Freq. × Speed (28-20cps)	-6.990e-03	8.261e-03	-0.846	0.397
	Freq. × Video (Present-Absent)	-2.743e-03	6.741e-03	-0.407	0.684
	Len. × Speed (20-12cps)	-3.315e-02	8.274e-03	-4.007	<.0001***
	Len. × Speed (28-20cps)	-2.070e-02	8.467e-03	-2.445	0.014
	Len. × Video (Present-Absent)	-3.131e-02	6.916e-03	-4.527	<.0001***
	Speed (20-12cps) × Video (Present-Absent)	1.352e-01	1.352e-02	9.999	<.0001***
	Speed (28-20cps) × Video (Present-Absent)	8.007e-02	1.384e-02	5.787	<.0001***
	Freq. × Len. × Speed (20-12cps)	-5.546e-04	5.587e-03	-0.099	0.920
	Freq. × Len. × Speed (28-20cps)	-4.521e-03	5.630e-03	-0.803	0.422
	Freq. × Len. × Video (Present-Absent)	-9.514e-03	4.626e-03	-2.056	0.039
	Freq. × Speed (20-12cps) × Video (Present-Absent)	3.686e-04	1.609e-02	0.023	0.981
	Freq. × Speed (28-20cps) × Video (Present-Absent)	-2.253e-02	1.657e-02	-1.360	0.173
Len. × Speed (20-12cps) × Video (Present-Absent)	2.877e-02	1.658e-02	1.735	0.082	
Len. × Speed (28-20cps) × Video (Present-Absent)	-8.648e-03	1.698e-02	-0.509	0.610	
Freq. × Len. × Speed (20-12cps) × Video (Present-Absent)	-5.130e-03	1.118e-02	-0.459	0.646	
Freq. × Len. × Speed (28-20cps) × Video (Present-Absent)	4.457e-03	1.127e-02	0.395	0.692	

Table 7.

LMMs Results for the WL analyses (PL): Word Frequency and Length Effects Table

Measures	Contrasts	β	SE	t	p
Gaze Durations	(Intercept)	5.316e+00	1.559e-02	340.967	<.0001***
	Freq.	-4.936e-02	5.887e-03	-8.384	<.0001***
	Len.	7.469e-02	6.830e-03	10.935	<.0001***
	Speed (20-12cps)	-3.619e-02	9.282e-03	-3.898	<.0001***
	Speed (20-28cps)	-9.122e-02	7.350e-03	-12.410	<.0001***
	Video (Present-Absent)	-3.571e-02	4.644e-03	-7.690	<.0001***
	Freq. × Len.	-7.221e-03	3.356e-03	-2.152	0.031
	Freq. × Speed (20-12cps)	1.566e-03	6.652e-03	0.235	0.813
	Freq. × Speed (28-20cps)	1.349e-02	6.811e-03	1.981	0.047
	Freq. × Video (Present-Absent)	-1.169e-02	5.553e-03	-2.105	0.035
	Len. × Speed (20-12cps)	-6.278e-03	6.904e-03	-0.909	0.363
	Len. × Speed (28-20cps)	-2.277e-03	7.035e-03	-0.324	0.746
	Len. × Video (Present-Absent)	-5.755e-03	5.749e-03	-1.001	0.316
	Speed (20-12cps) × Video (Present-Absent)	3.145e-02	1.115e-02	2.820	0.004**
	Speed (28-20cps) × Video (Present-Absent)	1.944e-02	1.138e-02	1.708	0.087
	Freq. × Len. × Speed (20-12cps)	2.032e-02	4.646e-03	4.375	<.0001***
	Freq. × Len. × Speed (28-20cps)	-6.423e-03	4.710e-03	-1.364	0.172
	Freq. × Len. × Video (Present-Absent)	3.350e-03	3.852e-03	0.869	0.384
	Freq. × Speed (20-12cps) × Video (Present-Absent)	3.013e-02	1.332e-02	2.262	0.023
	Freq. × Speed (28-20cps) × Video (Present-Absent)	-5.764e-0	1.364e-02	-0.423	0.672
	Len. × Speed (20-12cps) × Video (Present-Absent)	4.476e-02	1.382e-02	3.239	0.001**
	Len. × Speed (28-20cps) × Video (Present-Absent)	-1.000e-02	1.409e-02	-0.710	0.477
Freq. × Len. × Speed (20-12cps) × Video (Present-Absent)	-1.483e-02	9.298e-03	-1.596	0.110	
Freq. × Len. × Speed (28-20cps) × Video (Present-Absent)	1.918e-02	9.414e-03	2.038	0.041	
Total Times	(Intercept)	5.540e+00	1.504e-02	368.494	<.0001***
	Freq.	-8.539e-02	6.130e-03	-13.929	<.0001***
	Len.	1.193e-01	6.899e-03	17.287	<.0001***
	Speed (20-12cps)	-2.327e-01	1.013e-02	-22.966	<.0001***
	Speed (20-28cps)	-1.633e-01	7.118e-03	-22.944	<.0001***
	Video (Present-Absent)	-1.309e-01	4.896e-03	-26.734	<.0001***
	Freq. × Len.	-1.689e-02	3.264e-03	-5.176	<.0001***
	Freq. × Speed (20-12cps)	2.223e-02	7.014e-03	3.169	0.001**
	Freq. × Speed (28-20cps)	2.222e-02	7.183e-03	3.093	0.001**
	Freq. × Video (Present-Absent)	-3.173e-03	5.852e-03	-0.542	0.587
	Len. × Speed (20-12cps)	-2.724e-02	7.276e-03	-3.743	0.0001***
	Len. × Speed (28-20cps)	-1.255e-02	7.417e-03	-1.693	0.090
	Len. × Video (Present-Absent)	-3.786e-02	6.056e-03	-6.252	<.0001***
	Speed (20-12cps) × Video (Present-Absent)	1.088e-01	1.176e-02	9.255	<.0001***
	Speed (28-20cps) × Video (Present-Absent)	2.526e-02	1.200e-02	2.105	0.035
	Freq. × Len. × Speed (20-12cps)	1.029e-02	4.901e-03	2.100	0.035
	Freq. × Len. × Speed (28-20cps)	5.323e-03	4.967e-03	1.072	0.283
	Freq. × Len. × Video (Present-Absent)	-2.540e-04	4.061e-03	-0.063	0.950
	Freq. × Speed (20-12cps) × Video (Present-Absent)	5.148e-03	1.405e-02	0.366	0.714
	Freq. × Speed (28-20cps) × Video (Present-Absent)	-4.173e-03	1.438e-02	-0.290	0.771
	Len. × Speed (20-12cps) × Video (Present-Absent)	2.915e-02	1.457e-02	2.001	0.045
	Len. × Speed (28-20cps) × Video (Present-Absent)	3.041e-03	1.485e-02	0.205	0.837
Freq. × Len. × Speed (20-12cps) × Video (Present-Absent)	-1.443e-02	9.804e-03	-1.472	0.140	
Freq. × Len. × Speed (28-20cps) × Video (Present-Absent)	8.909e-03	9.924e-03	0.898	0.369	

Table 8.

(G)LMMs Results for the WL analyses (UK): Wrap-up Effects Table

Measure	Contrasts	β	SE	t	p
Total Times	(Intercept)	5.461e+00	1.578e-02	346.047	<.0001***
	Location (End-Middle)	-2.704e-02	2.771e-02	-0.976	0.334
	Speed (20-12cps)	-2.403e-01	9.485e-03	-25.336	<.0001***
	Speed (28-20cps)	-1.945e-01	1.001e-02	-19.431	<.0001***
	Video (Present-Absent)	-2.682e-01	1.467e-02	-18.281	<.0001***
	Location (End-Middle) × Speed (20-12cps)	-9.243e-02	1.260e-02	-7.335	<.0001***
	Location (End-Middle) × Speed (28-20cps)	-1.048e-01	1.414e-02	-7.413	<.0001***
	Location (End-Middle) × Video (Present-Absent)	-1.907e-01	1.187e-02	-16.063	<.0001***
	Speed (20-12cps) × Video (Present-Absent)	1.703e-01	1.266e-02	13.452	<.0001***
	Speed (28-20cps) × Video (Present-Absent)	5.929e-02	1.427e-02	4.154	<.0001***
Skipping Rates	Location (End-Middle) × Speed (20-12cps) × Video	8.096e-02	2.513e-02	3.222	0.001**
	Location (End-Middle) × Speed (28-20cps) × Video	-1.845e-02	2.832e-02	-0.652	0.514
	(Intercept)	-0.04084	0.06489	-0.629	0.52916
	Location (End-Middle)	-0.18181	0.11553	-1.574	0.11558
	Speed (20-12cps)	0.25795	0.04942	5.220	<.0001***
	Speed (20-28cps)	0.26506	0.05167	5.130	<.0001***
	Video (Present-Absent)	0.21307	0.05391	3.953	<.0001***
	Location (End-Middle) × Speed (20-12cps)	0.49568	0.04362	11.363	<.0001***
	Location (End-Middle) × Speed (28-20cps)	0.33937	0.04313	7.868	<.0001***
	Location (End-Middle) × Video (Present-Absent)	0.46776	0.03593	13.018	<.0001***
Speed (20-12cps) × Video (Present-Absent)	-0.11686	0.04351	-2.686	0.007**	
Speed (28-20cps) × Video (Present-Absent)	-0.00196	0.04340	-0.045	0.963	
Location (End-Middle) × Speed (20-12cps) × Video	-0.42513	0.08514	-4.993	<.0001***	
Location (End-Middle) × Speed (28-20cps) × Video	0.48046	0.08446	5.688	<.0001***	

Table 9.

(G)LMMs Results for the WL analyses (PL): Wrap-up Effects Table

Measure	Contrasts	β	SE	t	p	
Total Times	(Intercept)	5.442e+00	1.768e-02	307.826	<.0001***	
	Location (End-Middle)	-6.717e-02	2.543e-02	-2.641	0.010*	
	Speed (20-12cps)	-3.030e-01	1.046e-02	-28.953	<.0001***	
	Speed (28-20cps)	-2.290e-01	8.059e-03	-28.418	<.0001***	
	Video (Present-Absent)	-1.997e-01	1.070e-02	-18.651	<.0001***	
	Location (End-Middle) × Speed (20-12cps)	-1.651e-01	1.126e-02	-14.663	<.0001***	
	Location (End-Middle) × Speed (28-20cps)	-1.469e-01	1.318e-02	-11.142	<.0001***	
	Location (End-Middle) × Video (Present-Absent)	-1.827e-01	1.132e-02	-16.141	<.0001***	
	Speed (20-12cps) × Video (Present-Absent)	1.232e-01	1.121e-02	10.990	<.0001***	
	Speed (28-20cps) × Video (Present-Absent)	5.842e-02	1.312e-02	4.452	<.0001***	
	Location (End-Middle) × Speed (20-12cps) × Video	3.340e-02	2.242e-02	1.490	0.136	
	Location (End-Middle) × Speed (28-20cps) × Video	8.445e-02	2.623e-02	3.219	0.001**	
	Skipping Rates	(Intercept)	-0.390559	0.058675	-6.656	<.0001***
		Location (End-Middle)	-0.248212	0.100973	-2.458	0.013
Speed (20-12cps)		0.370309	0.040216	9.208	<.0001***	
Speed (20-28cps)		0.474253	0.045484	10.427	<.0001***	
Video (Present-Absent)		0.017316	0.038379	0.451	0.651	
Location (End-Middle) × Speed (20-12cps)		0.772167	0.046820	16.492	<.0001***	
Location (End-Middle) × Speed (28-20cps)		0.518936	0.043654	11.888	<.0001***	
Location (End-Middle) × Video (Present-Absent)		0.611391	0.037294	16.394	<.0001***	
Speed (20-12cps) × Video (Present-Absent)		-0.171052	0.046513	-3.677	<.0001***	
Speed (28-20cps) × Video (Present-Absent)		-0.035078	0.043148	-0.813	0.416	
Location (End-Middle) × Speed (20-12cps) × Video		-0.166357	0.092598	-1.797	0.072	
Location (End-Middle) × Speed (28-20cps) × Video		0.005288	0.085568	0.062	0.950	