

### Online Supplements

*Online Supplement 1.* The chosen model for Analysis 1a. The predictors are orthogonalized time polynomials to the 4th level, Talk (1 = Talk, 0 = Listen), End (1 = Segment end, 0 = Segment beginning), Low (1 = Low target velocity, 0 = Medium target velocity), High (1 = High target velocity, 0 = Medium target velocity). Because our dataset was large and included many data points, we used the normal distribution approximation for significance tests for the coefficients in the chosen model (Long, 2012). These are shown as the Z and p values for the different coefficients.

<i>Effect</i>	<i>Estimate</i>	<i>SE</i>	<i>Z</i>	<i>p</i>
(Intercept)	38.85	1.65	23.61	0 ***
Time	-11.45	2.51	-4.56	0 ***
Time <sup>2</sup>	-1.36	2.38	-0.57	0.567
Talk	5.57	0.51	10.97	0 ***
End	-4.02	0.51	-7.91	0 ***
Low	-22.43	0.51	-44.18	0 ***
High	22.74	0.51	44.8	0 ***
Talk:End	-0.45	0.72	-0.62	0.533
Talk:Low	-1.78	0.72	-2.48	0.013 *
Talk:High	2.56	0.72	3.56	0 ***
End:Low	4.89	0.72	6.82	0 ***
End:High	0.74	0.72	1.02	0.306
Time:Talk	18.19	3.21	5.67	0 ***
Time:End	16.18	3.21	5.04	0 ***

Time:Low	14.47	3.21	4.51	0	***
Time:High	4.33	3.21	1.35	0.177	
Time <sup>2</sup> :Talk	-4.28	3.21	-1.33	0.182	
Time <sup>2</sup> :End	3	3.21	0.93	0.35	
Time <sup>2</sup> :Low	3.11	3.21	0.97	0.333	
Time <sup>2</sup> :High	-1.38	3.21	-0.43	0.667	
Talk:End:Low	-1.71	1.02	-1.68	0.093	.
Talk:End:High	-1.2	1.02	-1.18	0.238	
Time:Talk:End	-23.55	4.54	-5.19	0	***
Time:Talk:Low	-15.78	4.54	-3.48	0.001	***
Time:Talk:High	-4.72	4.54	-1.04	0.299	
Time:End:Low	-18.3	4.54	-4.03	0	***
Time:End:High	-4.59	4.54	-1.01	0.312	
Time <sup>2</sup> :Talk:End	3.47	4.54	0.76	0.444	
Time <sup>2</sup> :Talk:Low	2.95	4.54	0.65	0.516	
Time <sup>2</sup> :Talk:High	4.24	4.54	0.93	0.35	
Time <sup>2</sup> :End:Low	-9.14	4.54	-2.01	0.044	*
Time <sup>2</sup> :End:High	-9.68	4.54	-2.13	0.033	*
Time:Talk:End:Low	18.45	6.42	2.87	0.004	**
Time:Talk:End:High	3.99	6.42	0.62	0.535	
Time <sup>2</sup> :Talk:End:Low	7.29	6.42	1.14	0.256	
Time <sup>2</sup> :Talk:End:High	5.12	6.42	0.8	0.425	

---

*Online Supplement 2.* The chosen model for Analysis 1b. The predictors are orthogonalized time polynomials to the 4<sup>th</sup> level, Talk (1 = Talk, 0 = Listen), Prepare (1 = Prepare, 0 = Listen), End-segment (1 = Segment end, 0 = Segment beginning), Low (1 = Low velocity, 0 = Medium velocity), High (1 = High velocity, 0 = Medium velocity).

<i>Effect</i>	<i>Estimate</i>	<i>SE</i>	<i>Z</i>	<i>p</i>	
(Intercept)	34.84	1.69	20.66	0	***
Time	4.73	2.97	1.59	0.111	
Time <sup>2</sup>	1.64	2.47	0.66	0.507	
Prepare	3.41	0.48	7.09	0	***
Talk	5.12	0.48	10.65	0	***
Low	-17.53	0.48	-36.47	0	***
High	23.48	0.48	48.84	0	***
Prepare:Low	-2.18	0.68	-3.21	0.001	**
Talk:Low	-3.48	0.68	-5.12	0	***
Prepare:High	3.03	0.68	4.46	0	***
Talk:High	1.36	0.68	2	0.046	*
Time:Prepare	6.92	3.04	2.27	0.023	*
Time:Talk	-5.36	3.04	-1.76	0.078	.
Time:Low	-3.83	3.04	-1.26	0.208	
Time:High	-0.26	3.04	-0.09	0.932	
Time <sup>2</sup> :Prepare	0.11	3.04	0.04	0.971	
Time <sup>2</sup> :Talk	-0.81	3.04	-0.27	0.79	
Time <sup>2</sup> :Low	-6.03	3.04	-1.98	0.047	*

Time <sup>2</sup> :High	-11.06	3.04	-3.64	0	***
Time:Prepare:Low	-3.36	4.3	-0.78	0.435	
Time:Talk:Low	2.66	4.3	0.62	0.536	
Time:Prepare:High	0.76	4.3	0.18	0.859	
Time:Talk:High	-0.73	4.3	-0.17	0.865	
Time <sup>2</sup> :Prepare:Low	1.63	4.3	0.38	0.705	
Time <sup>2</sup> :Talk:Low	10.24	4.3	2.38	0.017	*
Time <sup>2</sup> :Prepare:High	12.03	4.3	2.8	0.005	**
Time <sup>2</sup> :Talk:High	9.36	4.3	2.18	0.03	*

---

*Online Supplement 3.* The chosen model for Analysis 2a. The predictors are orthogonalized time polynomials to the 4th level, Talk (1 = Talk, 0 = Listen), End (1 = Segment end, 0 = Segment beginning), Low (1 = Low target velocity, 0 = Medium target velocity), High (1 = High target velocity, 0 = Medium target velocity). Because our dataset was large and included many data points, we used the normal distribution approximation for significance tests for the coefficients in the chosen model (Long, 2012). These are shown as the Z and p values for the different coefficients.

<i>Effect</i>	<i>Estimate</i>	<i>SE</i>	<i>Z</i>	<i>p</i>
(Intercept)	39.84	2.35	16.96	0 ***
Time	-1.07	4.24	-0.25	0.802
Time <sup>2</sup>	-0.66	3.42	-0.19	0.847
Talk	-0.18	0.75	-0.24	0.81
End	-0.76	0.75	-1	0.316
Low	-24.81	0.75	-32.93	0 ***
High	13.33	0.75	17.69	0 ***
Talk:End	-1.15	1.08	-1.07	0.286
Talk:Low	1.42	1.07	1.33	0.182
Talk:High	3.1	1.07	2.91	0.004 **
End:Low	1.33	1.08	1.24	0.215
End:High	-1.87	1.07	-1.76	0.079 .
Time:Talk	-2.12	4.79	-0.44	0.657
Time:End	10.79	4.76	2.26	0.024 *
Time:Low	0.03	4.76	0.01	0.995

Time:High	-14.65	4.76	-3.07	0.002	**
Time <sup>2</sup> :Talk	-1.07	4.79	-0.22	0.823	
Time <sup>2</sup> :End	-14.86	4.76	-3.12	0.002	**
Time <sup>2</sup> :Low	0.42	4.76	0.09	0.93	
Time <sup>2</sup> :High	3.73	4.76	0.78	0.434	
Talk:End:Low	0.98	1.52	0.64	0.519	
Talk:End:High	11.08	1.51	7.31	0	***
Time:Talk:End	-8.24	6.81	-1.21	0.227	
Time:Talk:Low	1.29	6.75	0.19	0.848	
Time:Talk:High	22.97	6.75	3.4	0.001	***
Time:End:Low	-8.55	6.8	-1.26	0.209	
Time:End:High	14.14	6.74	2.1	0.036	*
Time <sup>2</sup> :Talk:End	19.35	6.81	2.84	0.004	**
Time <sup>2</sup> :Talk:Low	1.35	6.75	0.2	0.842	
Time <sup>2</sup> :Talk:High	6.35	6.75	0.94	0.347	
Time <sup>2</sup> :End:Low	11.16	6.79	1.64	0.101	
Time <sup>2</sup> :End:High	18.53	6.74	2.75	0.006	**
Time:Talk:End:Low	-0.96	9.62	-0.1	0.921	
Time:Talk:End:High	-34.2	9.58	-3.57	0	***
Time <sup>2</sup> :Talk:End:Low	-15.17	9.62	-1.58	0.115	
Time <sup>2</sup> :Talk:End:High	-36.25	9.58	-3.78	0	***

---

*Online Supplement 4.* The chosen model for Analysis 2b. The predictors are orthogonalized time polynomials to the 4<sup>th</sup> level, Talk (1 = Talk, 0 = Listen), Prepare (1 = Prepare, 0 = Listen), End-segment (1 = Segment end, 0 = Segment beginning), Low (1 = Low velocity, 0 = Medium velocity), High (1 = High velocity, 0 = Medium velocity).

<i>Effect</i>	<i>Estimate</i>	<i>SE</i>	<i>Z</i>	<i>p</i>	
(Intercept)	39.08	2.4	16.3	0	***
Time <sup>3</sup>	-4.94	1.94	-2.55	0.011	*
Prepare	-1.73	0.74	-2.33	0.02	*
Talk	-1.41	0.76	-1.87	0.062	.
Time <sup>2</sup>	-15.52	3.64	-4.26	0	***
Low	-23.4	0.76	-30.94	0	***
High	11.46	0.74	15.43	0	***
Time	9.72	3.66	2.65	0.008	**
Time <sup>3</sup> :Prepare	8.05	2.73	2.95	0.003	**
Time <sup>3</sup> :Talk	6.79	2.74	2.48	0.013	*
Prepare:Time <sup>2</sup>	11.19	4.7	2.38	0.017	*
Talk:Time <sup>2</sup>	18.8	4.78	3.93	0	***
Time <sup>2</sup> :Low	11.12	4.78	2.33	0.02	*
Time <sup>2</sup> :High	22.26	4.7	4.74	0	***
Prepare:Low	2.73	1.06	2.57	0.01	*
Talk:Low	2.41	1.07	2.25	0.024	*
Prepare:High	3.56	1.05	3.39	0.001	***
Talk:High	14.26	1.06	13.45	0	***

Prepare:Time	-17.99	4.7	-3.83	0	***
Talk:Time	-9.74	4.78	-2.04	0.042	*
Low:Time	-9	4.78	-1.88	0.06	.
High:Time	-0.51	4.7	-0.11	0.913	
Prepare:Time <sup>2</sup> :Low	-6.93	6.72	-1.03	0.302	
Talk:Time <sup>2</sup> :Low	-13.89	6.76	-2.05	0.04	*
Prepare:Time <sup>2</sup> :High	-13.68	6.65	-2.06	0.04	*
Talk:Time <sup>2</sup> :High	-30.42	6.7	-4.54	0	***
Prepare:Low:Time	18.21	6.73	2.71	0.007	**
Talk:Low:Time	0.21	6.76	0.03	0.975	
Prepare:High:Time	14.03	6.65	2.11	0.035	*
Talk:High:Time	-11.85	6.7	-1.77	0.077	.

---