Supplemental Appendix D. Model Fit of Sequential Multilevel Negative Binomial Regression Models of Disfluencies

	df	AIC	BIC	-2LL	X^2	p
M1: Individual						
Intercept Only	3	40916	40937	-20455		
M2: Added Speaker	4	40904	40933	-20448	13.88	< .001
M3: Added						
Disfluency	5	39181	39217	-19586	1724.34	< .00001
M4: Added Task	6	39168	39211	-19578	15.15	< .0001
M5: Added 2-way						
interactions	8	37435	37493	-18710	1737.10	< .00001
M6: Added Trial and						
its interactions	14	37429	37530	-18701	37401	.007
M7: Added 3-way						
interactions	10	37438	37510	-18709	1.48	.48
(removed Trial)						
M8: Added Domain * ISI * Loads	30	37466	37681	-18703	12.08 ^a	.91

Note. Models were fit using Maximum Likelihood Estimation (Laplace Approximation), utilized a negative binomial logarithmic link function ($\theta = 6.07$), and included the random effect of an individual-level intercept (Var = .27).

^aCompares M5 to M7.