

General Linear Model

[DataSet1] \\toaster\jodom\My_Documents\MQP-ALL.sav

Between-Subjects Factors

		N
Delay	.00	30
	50.00	90
	100.00	90
	150.00	90
Jitter	.00	30
	50.00	90
	100.00	90
	150.00	90
Drop	.00	30
	1.00	90
	3.00	90
	5.00	90

Multivariate Tests^c

Effect		Value	F	Hypothesis df	Error df	Sig.
Intercept	Pillai's Trace	.931	1838.049 ^a	2.000	271.000	.000
	Wilks' Lambda	.069	1838.049 ^a	2.000	271.000	.000
	Hotelling's Trace	13.565	1838.049 ^a	2.000	271.000	.000
	Roy's Largest Root	13.565	1838.049 ^a	2.000	271.000	.000
Delay	Pillai's Trace	.009	.631	4.000	544.000	.641
	Wilks' Lambda	.991	.630 ^a	4.000	542.000	.641
	Hotelling's Trace	.009	.629	4.000	540.000	.642
	Roy's Largest Root	.009	1.266 ^b	2.000	272.000	.284
Jitter	Pillai's Trace	.049	3.422	4.000	544.000	.009
	Wilks' Lambda	.951	3.446 ^a	4.000	542.000	.009
	Hotelling's Trace	.051	3.471	4.000	540.000	.008
	Roy's Largest Root	.050	6.736 ^b	2.000	272.000	.001
Drop	Pillai's Trace	.020	1.357	4.000	544.000	.248
	Wilks' Lambda	.980	1.353 ^a	4.000	542.000	.249
	Hotelling's Trace	.020	1.349	4.000	540.000	.250
	Roy's Largest Root	.014	1.903 ^b	2.000	272.000	.151
Delay * Jitter	Pillai's Trace	.018	.606	8.000	544.000	.773
	Wilks' Lambda	.982	.604 ^a	8.000	542.000	.775
	Hotelling's Trace	.018	.602	8.000	540.000	.777
	Roy's Largest Root	.012	.810 ^b	4.000	272.000	.520
Delay * Drop	Pillai's Trace	.027	.927	8.000	544.000	.493
	Wilks' Lambda	.973	.928 ^a	8.000	542.000	.492
	Hotelling's Trace	.028	.930	8.000	540.000	.491
	Roy's Largest Root	.026	1.736 ^b	4.000	272.000	.142
Jitter * Drop	Pillai's Trace	.010	.334	8.000	544.000	.953
	Wilks' Lambda	.990	.332 ^a	8.000	542.000	.953
	Hotelling's Trace	.010	.331	8.000	540.000	.954
	Roy's Largest Root	.005	.359 ^b	4.000	272.000	.838
Delay * Jitter * Drop	Pillai's Trace	.049	.848	16.000	544.000	.630
	Wilks' Lambda	.952	.845 ^a	16.000	542.000	.634
	Hotelling's Trace	.050	.842	16.000	540.000	.637
	Roy's Largest Root	.026	.882 ^b	8.000	272.000	.532

a. Exact statistic

b. The statistic is an upper bound on F that yields a lower bound on the significance level.

c. Design: Intercept+Delay+Jitter+Drop+Delay * Jitter+Delay * Drop+Jitter * Drop+Delay * Jitter * Drop

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	Audio_Qual	38.194 ^a	27	1.415	1.541	.046
	Video_Qual	174.401 ^b	27	6.459	11.448	.000
Intercept	Audio_Qual	2602.939	1	2602.939	2834.773	.000
	Video_Qual	929.790	1	929.790	1647.846	.000
Delay	Audio_Qual	2.298	2	1.149	1.251	.288
	Video_Qual	.160	2	.080	.141	.868
Jitter	Audio_Qual	6.748	2	3.374	3.675	.027
	Video_Qual	5.384	2	2.692	4.771	.009
Drop	Audio_Qual	2.650	2	1.325	1.443	.238
	Video_Qual	1.718	2	.859	1.522	.220
Delay * Jitter	Audio_Qual	2.830	4	.708	.771	.545
	Video_Qual	1.156	4	.289	.512	.727
Delay * Drop	Audio_Qual	4.541	4	1.135	1.236	.296
	Video_Qual	2.249	4	.562	.996	.410
Jitter * Drop	Audio_Qual	1.139	4	.285	.310	.871
	Video_Qual	.791	4	.198	.351	.844
Delay * Jitter * Drop	Audio_Qual	6.152	8	.769	.837	.570
	Video_Qual	3.812	8	.476	.844	.564
Error	Audio_Qual	249.755	272	.918		
	Video_Qual	153.475	272	.564		
Total	Audio_Qual	2932.616	300			
	Video_Qual	1139.749	300			
Corrected Total	Audio_Qual	287.949	299			
	Video_Qual	327.876	299			

a. R Squared = .133 (Adjusted R Squared = .047)

b. R Squared = .532 (Adjusted R Squared = .485)