HTW Model

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Modelling Results

Group level aggregations

Markdown subtable

pander

kbl

gt

Markdown subtable

Table 1: Mean model errors predicting testing data, aggregated over all participants and velocity bands. Note that Fit Method refers to how model parameters were optimized, while error values reflect mean absolute error for the 6 testing bands

Fit_Method	Model	Constant	Varied	Model	Constant
Fit to Test Data	ALM	199.9	103.4	ALM	297.8
	EXAM	104.0	85.7	EXAM	53.9
Fit to Test & Training Data	ALM	217.0	170.3	ALM	57.4
	EXAM	127.9	144.9	EXAM	42.9
Fit to Training Data	ALM	467.7	291.4	ALM	51.8
	EXAM	273.3	297.9	EXAM	51.4

Table 2: Main Caption

Fit_Method	Model	Constant	Varied
Fit to Test Data	ALM	199.9	103.4
	EXAM	104.0	85.7
Fit to Test & Training Data	ALM	217.0	170.3
	EXAM	127.9	144.9
Fit to Training Data	ALM	467.7	291.4
	EXAM	273.3	297.9

: First Table {#tbl-first}

Fit_Method	Model	Constant	Varied
Fit to Test Data	ALM	297.8	2,016.0
	EXAM	53.9	184.0
Fit to Test & Training Data	ALM	57.4	132.3
	EXAM	42.9	127.9
Fit to Training Data	ALM	51.8	103.5
	EXAM	51.4	107.0

: Second Table {#tbl-second}

Table 3: Mean model errors

Fit_Method	Model	condit	mean_error	Fit_Method	Model	condit	mean_error
Test	ALM	Constant	199.93250	Test	ALM	Constant	297.81814
Test	ALM	Varied	103.36184	Test	ALM	Varied	2,016.00582
Test	EXAM	Constant	104.01000	Test	EXAM	Constant	53.90292
Test	EXAM	Varied	85.67763	Test	EXAM	Varied	184.00079
Test_Train	ALM	Constant	216.96875	Test_Train	ALM	Constant	57.39716
Test_Train	ALM	Varied	170.27632	Test_Train	ALM	Varied	132.32472
Test_Train	EXAM	Constant	127.94250	Test_Train	EXAM	Constant	42.92373
Test_Train	EXAM	Varied	144.86316	Test_Train	EXAM	Varied	127.90159
Train	ALM	Constant	467.73000	Train	ALM	Constant	51.77211
Train	ALM	Varied	291.38289	Train	ALM	Varied	103.47686
Train	EXAM	Constant	273.30000	Train	EXAM	Constant	51.43058
Train	EXAM	Varied	297.91053	Train	EXAM	Varied	107.03430

Table 4: Example

(a) Cars

Fit_Method	Model	condit	mean_error
Test	ALM	Constant	297.8
Test	ALM	Varied	2016
Test	EXAM	Constant	53.9
Test	EXAM	Varied	184
Test_Train	ALM	Constant	57.4
Test_Train	ALM	Varied	132.3
Test_Train	EXAM	Constant	42.92
Test_Train	EXAM	Varied	127.9
Train	ALM	Constant	51.77
Train	ALM	Varied	103.5
Train	EXAM	Constant	51.43
Train	EXAM	Varied	107

(b) Pressure

Fit_Method	Model	condit	mean_error
Test	ALM	Constant	199.9
Test	ALM	Varied	103.4
Test	EXAM	Constant	104
Test	EXAM	Varied	85.68
Test_Train	ALM	Constant	217
Test_Train	ALM	Varied	170.3
Test_Train	EXAM	Constant	127.9
Test_Train	EXAM	Varied	144.9
Train	ALM	Constant	467.7
Train	ALM	Varied	291.4
Train	EXAM	Constant	273.3
Train	EXAM	Varied	297.9

Table 5: Conditional Means and Contrasts

Fit_Method	Model	condit	mean_error	Fit_Method	Model	condit	mean_error
Test	ALM	Constant	199.93250	Test	ALM	Constant	297.81814
Test	ALM	Varied	103.36184	Test	ALM	Varied	2016.00582
Test	EXAM	Constant	104.01000	Test	EXAM	Constant	53.90292
Test	EXAM	Varied	85.67763	Test	EXAM	Varied	184.00079
Test_Train	ALM	Constant	216.96875	Test_Train	ALM	Constant	57.39716
Test_Train	ALM	Varied	170.27632	Test_Train	ALM	Varied	132.32472
Test_Train	EXAM	Constant	127.94250	Test_Train	EXAM	Constant	42.92373
Test_Train	EXAM	Varied	144.86316	Test_Train	EXAM	Varied	127.90159
Train	ALM	Constant	467.73000	Train	ALM	Constant	51.77211
Train	ALM	Varied	291.38289	Train	ALM	Varied	103.47686
Train	EXAM	Constant	273.30000	Train	EXAM	Constant	51.43058
Train	EXAM	Varied	297.91053	Train	EXAM	Varied	107.03430

Table 6: Conditional Means and Contrasts

condit	mean_error
Test - ALM	
Constant	199.93250
Varied	103.36184
Test - EXAM	
Constant	104.01000
Varied	85.67763
Test_Train - ALM	
Constant	216.96875
Varied	170.27632
Test_Train - EXAM	
Constant	127.94250
Varied	144.86316
Train - ALM	
Constant	467.73000
Varied	291.38289
Train - EXAM	
Constant	273.30000
Varied	297.91053

condit	mean_error
Test - ALM	
Constant	297.81814
Varied	2016.00582
Test - EXAM	
Constant	53.90292
Varied	184.00079
Test_Train - ALM	
Constant	57.39716
Varied	132.32472
Test_Train - EXAM	
Constant	42.92373
Varied	127.90159
Train - ALM	
Constant	51.77211
Varied	103.47686
Train - EXAM	
Constant	51.43058
Varied	107.03430

Table 7: Main Caption

(a) First Table

Col1	Col2	Col3
A	B	C
E	F	G
A	G	G

(b) Second Table

Col1	Col2	Col3
A	B	C
E	F	G
A	G	G

Table 8: Conditional Means and Contrasts

Fit_Method	Model	condit	mean_error	Fit_Method	Model	condit	mean_error
Test	ALM	Constant	297.8	Test	ALM	Constant	199.9
Test	ALM	Varied	2016	Test	ALM	Varied	103.4
Test	EXAM	Constant	53.9	Test	EXAM	Constant	104
Test	EXAM	Varied	184	Test	EXAM	Varied	85.68
Test_Train	ALM	Constant	57.4	Test_Train	ALM	Constant	217
Test_Train	ALM	Varied	132.3	Test_Train	ALM	Varied	170.3
Test_Train	EXAM	Constant	42.92	Test_Train	EXAM	Constant	127.9
Test_Train	EXAM	Varied	127.9	Test_Train	EXAM	Varied	144.9
Train	ALM	Constant	51.77	Train	ALM	Constant	467.7
Train	ALM	Varied	103.5	Train	ALM	Varied	291.4
Train	EXAM	Constant	51.43	Train	EXAM	Constant	273.3
Train	EXAM	Varied	107	Train	EXAM	Varied	297.9

Table 9: Conditional Means and Contrasts

Fit_Method	Model	condit	mean_error
Test	ALM	Constant	297.8
Test	ALM	Varied	2016
Test	EXAM	Constant	53.9
Test	EXAM	Varied	184
Test_Train	ALM	Constant	57.4
Test_Train	ALM	Varied	132.3
Test_Train	EXAM	Constant	42.92
Test_Train	EXAM	Varied	127.9
Train	ALM	Constant	51.77
Train	ALM	Varied	103.5
Train	EXAM	Constant	51.43
Train	EXAM	Varied	107

Fit_Method	Model	condit	mean_error
Test	ALM	Constant	199.9
Test	ALM	Varied	103.4
Test	EXAM	Constant	104
Test	EXAM	Varied	85.68
Test_Train	ALM	Constant	217
Test_Train	ALM	Varied	170.3
Test_Train	EXAM	Constant	127.9
Test_Train	EXAM	Varied	144.9
Train	ALM	Constant	467.7
Train	ALM	Varied	291.4
Train	EXAM	Constant	273.3
Train	EXAM	Varied	297.9

Table: test cap1

Table 10: Conditional Means and Contrasts

Fit_Method	Model	condit	mean_error
Test	ALM	Constant	297.8
Test	ALM	Varied	20.16
Test	EXAM	Constant	53.9
Test	EXAM	Varied	18.4
Test_Train	ALM	Constant	57.4
Test_Train	ALM	Varied	132.3
Test_Train	EXAM	Constant	42.92
Test_Train	EXAM	Varied	127.9
Train	ALM	Constant	51.77
Train	ALM	Varied	103.5
Train	EXAM	Constant	51.43
Train	EXAM	Varied	107

Table: test cap1

Fit_Method	Model	condit	mean_error
Test	ALM	Constant	199.9
Test	ALM	Varied	103.4
Test	EXAM	Constant	104
Test	EXAM	Varied	85.68
Test_Train	ALM	Constant	217
Test_Train	ALM	Varied	170.3
Test_Train	EXAM	Constant	127.9
Test_Train	EXAM	Varied	144.9
Train	ALM	Constant	467.7
Train	ALM	Varied	291.4
Train	EXAM	Constant	273.3
Train	EXAM	Varied	297.9

Table: test cap2