HTW Model

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Modelling Results

Group level aggregations

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
Fit to Test Data	ALM	851.2	3,049.9
	EXAM	711.9	1,047.5
Fit to Test & Training Data	ALM	229.7	324.7
	EXAM	233.4	331.3
Fit to Training Data	ALM	216.1	301.8
	EXAM	216.0	302.3

Table 2: Mean model errors

condit	Model	Fit_Method	mean_error	condit	Model	Fit_Method	mean_error
Constant	ALM	Test	276.7	Constant	ALM	Test	851.2
Constant	ALM	Test_Train	288.2	Constant	ALM	Test_Train	229.7
Constant	ALM	Train	528.1	Constant	ALM	Train	216.1
Constant	EXAM	Test	215.9	Constant	EXAM	Test	711.9
Constant	EXAM	Test_Train	228.6	Constant	EXAM	Test_Train	233.4
Constant	EXAM	Train	340.3	Constant	EXAM	Train	216.0
Varied	ALM	Test	231.2	Varied	ALM	Test	3,049.9
Varied	ALM	Test_Train	268.3	Varied	ALM	Test_Train	324.7
Varied	ALM	Train	368.7	Varied	ALM	Train	301.8
Varied	EXAM	Test	215.0	Varied	EXAM	Test	1,047.5
Varied	EXAM	Test_Train	250.7	Varied	EXAM	Test_Train	331.3
Varied	EXAM	Train	370.9	Varied	EXAM	Train	302.3

Table 3: Example

(a) Cars

condit	Model	Fit_Method	mean_error
Constant	ALM	Test	851.2
Constant	ALM	Test_Train	229.7
Constant	ALM	Train	216.1
Constant	EXAM	Test	711.9
Constant	EXAM	Test_Train	233.4
Constant	EXAM	Train	216
Varied	ALM	Test	3050
Varied	ALM	Test_Train	324.7
Varied	ALM	Train	301.8
Varied	EXAM	Test	1048
Varied	EXAM	Test_Train	331.3
Varied	EXAM	Train	302.3

(b) Pressure

condit	Model	Fit_Method	mean_error
Constant	ALM	Test	276.7
Constant	ALM	Test_Train	288.2
Constant	ALM	Train	528.1
Constant	EXAM	Test	215.9
Constant	EXAM	Test_Train	228.6
Constant	EXAM	Train	340.3
Varied	ALM	Test	231.2
Varied	ALM	Test_Train	268.3
Varied	ALM	Train	368.7
Varied	EXAM	Test	215
Varied	EXAM	Test_Train	250.7
Varied	EXAM	Train	370.9

Table 4: Conditional Means and Contrasts

condit	Model	Fit_Method	mean_error	condit	Model	Fit_Method	mean_error
Constant	ALM	Test	276.7	Constant	ALM	Test	851.2
Constant	ALM	Test_Train	288.2	Constant	ALM	Test_Train	229.7
Constant	ALM	Train	528.1	Constant	ALM	Train	216.1
Constant	EXAM	Test	215.9	Constant	EXAM	Test	711.9
Constant	EXAM	Test_Train	228.6	Constant	EXAM	Test_Train	233.4
Constant	EXAM	Train	340.3	Constant	EXAM	Train	216.0
Varied	ALM	Test	231.2	Varied	ALM	Test	3049.9
Varied	ALM	Test_Train	268.3	Varied	ALM	Test_Train	324.7
Varied	ALM	Train	368.7	Varied	ALM	Train	301.8
Varied	EXAM	Test	215.0	Varied	EXAM	Test	1047.5
Varied	EXAM	Test_Train	250.7	Varied	EXAM	Test_Train	331.3
Varied	EXAM	Train	370.9	Varied	EXAM	Train	302.3

Table 5: Conditional Means and Contrasts

Fit_Method	mean_error
Constant - ALM	
Test	276.7
Test_Train	288.2
Train	528.1
Constant - EXAM	
Test	215.9
Test_Train	228.6
Train	340.3
Varied - ALM	
Test	231.2
Test_Train	268.3
Train	368.7
Varied - EXAM	
Test	215.0
Test_Train	250.7
Train	370.9

Fit_Method	mean_error
Constant - ALM	
Test	851.2
Test_Train	229.7
Train	216.1
Constant - EXAM	
Test	711.9
Test_Train	233.4
Train	216.0
Varied - ALM	
Test	3049.9
Test_Train	324.7
Train	301.8
Varied - EXAM	
Test	1047.5
Test_Train	331.3
Train	302.3

Table 6: 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 7: Conditional Means and Contrasts

condit	Model	Fit_Method	mean_error	condit	Model	Fit_Method	mean_error
Constant	ALM	Test	851.2	Constant	ALM	Test	276.7
Constant	ALM	Test_Train	229.7	Constant	ALM	Test_Train	288.2
Constant	ALM	Train	216.1	Constant	ALM	Train	528.1
Constant	EXAM	Test	711.9	Constant	EXAM	Test	215.9
Constant	EXAM	Test_Train	233.4	Constant	EXAM	Test_Train	228.6
Constant	EXAM	Train	216	Constant	EXAM	Train	340.3
Varied	ALM	Test	3050	Varied	ALM	Test	231.2
Varied	ALM	Test_Train	324.7	Varied	ALM	Test_Train	268.3
Varied	ALM	Train	301.8	Varied	ALM	Train	368.7
Varied	EXAM	Test	1048	Varied	EXAM	Test	215
Varied	EXAM	Test_Train	331.3	Varied	EXAM	Test_Train	250.7
Varied	EXAM	Train	302.3	Varied	EXAM	Train	370.9

Table 8: Conditional Means and Contrasts

condit	Model	Fit_Method	mean_error
Constant	ALM	Test	851.2
Constant	ALM	Test_Train	229.7
Constant	ALM	Train	216.1
Constant	EXAM	Test	711.9
Constant	EXAM	Test_Train	233.4
Constant	EXAM	Train	216
Varied	ALM	Test	3050
Varied	ALM	Test_Train	324.7
Varied	ALM	Train	301.8
Varied	EXAM	Test	1048
Varied	EXAM	Test_Train	331.3
Varied	EXAM	Train	302.3

condit	Model	Fit_Method	mean_error
Constant	ALM	Test	276.7
Constant	ALM	Test_Train	288.2
Constant	ALM	Train	528.1
Constant	EXAM	Test	215.9
Constant	EXAM	Test_Train	228.6
Constant	EXAM	Train	340.3
Varied	ALM	Test	231.2
Varied	ALM	Test_Train	268.3
Varied	ALM	Train	368.7
Varied	EXAM	Test	215
Varied	EXAM	Test_Train	250.7
Varied	EXAM	Train	370.9

Table: test cap1

Table 9: Conditional Means and Contrasts

condit	Model	Fit_Method	mean_error
Constant	ALM	Test	851.2
Constant	ALM	Test_Train	229.7
Constant	ALM	Train	216.1
Constant	EXAM	Test	711.9
Constant	EXAM	Test_Train	233.4
Constant	EXAM	Train	216
Varied	ALM	Test	305.0
Varied	ALM	Test_Train	324.7
Varied	ALM	Train	301.8
Varied	EXAM	Test	104.8
Varied	EXAM	Test_Train	331.3
Varied	EXAM	Train	302.3

Table: test cap1

condit	Model	Fit_Method	mean_error
Constant	ALM	Test	276.7
Constant	ALM	Test_Train	288.2
Constant	ALM	Train	528.1
Constant	EXAM	Test	215.9
Constant	EXAM	Test_Train	228.6
Constant	EXAM	Train	340.3
Varied	ALM	Test	231.2
Varied	ALM	Test_Train	268.3
Varied	ALM	Train	368.7
Varied	EXAM	Test	215
Varied	EXAM	Test_Train	250.7
Varied	EXAM	Train	370.9

Table: test cap2