

# HW2

DY

April 2, 2018

1.

Model Selection Results

Models	AIC	BIC
POW1	496.7209	496.8004
POW2	498.6730	498.8319
EXP1	549.7139	549.7933
EXP2	508.1107	508.2696
EXPOW	500.6730	500.9113
HYP1	510.4157	510.4951
HYP2	503.7683	503.9272

2.

2.1 and 2.2

Estimated Parameters for Each Subject

	Rho	Tau	Lambda
Subject 2	1.0198754	1.0071509	0.7827943
Subject 3	0.6926607	4.7420248	2.4746638
Subject 4	0.0000000	0.4014197	0.0000045
Subject 6	0.8655613	3.1298698	0.9823011
Subject 7	0.9616154	2.3468062	1.4085402

ra\_prospect  
Model

AIC	542.9510
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BIC 556.6043

## 2.3

Estimated Parameters for Each  
Subject

	<b>Rho</b>	<b>Tau</b>
Subject 2	0.9908182	0.7479947
Subject 3	0.5559608	1.4669643
Subject 4	0.8076176	1.0807514
Subject 6	0.8668045	3.0491900
Subject 7	0.9710534	1.3537133

ra\_noLA Model

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AIC 699.1877

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BIC 708.2898