

Sheet1

			Best hyperparameters (w.r.t. SNR on leave-1 train dataset)			Performance	
Dynamics	Normalization	Optimization	gamma (state-space coefficient)	tau (kinetic time constant)	lambda (regularization parameter)	SNR (in dB) on leave-1 train dataset	Percentage of correct signs on leave-1 test dataset
<b>kinetic</b>	<b>MAS5</b>	<b>gradient</b>	<b>1</b>	<b>3</b>	<b>0.0001</b>	<b>32.4</b>	<b>68%</b>
<b>kinetic</b>	<b>MAS5</b>	<b>LARS</b>	<b>0.1</b>	<b>3</b>	<b>0.1</b>	<b>32.4</b>	<b>74%</b>
kinetic	MAS5	Elastic Nets	0.1	7	0.05	32.2	71%
Brownian	MAS5	gradient	0.1	n/a	0	32.1	65%
Brownian	MAS5	LARS	0	n/a	0.05	32.1	63%
Brownian	MAS5	Elastic Nets	0	n/a	0.5	32.1	63%
kinetic	RMA	gradient	0	7	0.01	30.8	74%
kinetic	RMA	LARS	0	3	1	30.8	76%
kinetic	RMA	Elastic Nets	0	3 or 11	any	30.8	76%
Brownian	RMA	gradient	0	n/a	0.01	30.8	70%
Brownian	RMA	LARS	0	n/a	1	30.8	72%
Brownian	RMA	Elastic Nets	0	n/a	1	30.8	72%