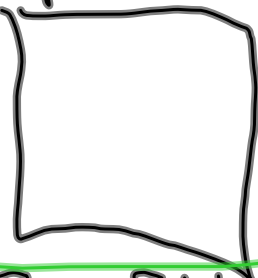


Tossing coin (Jerome)	hidden variable (lattimer)	state space (wikle)	<u>Collapsed</u> (Nick)
Cases: coin	grid cell location	location + time	angle of stimulus
Case specific parameter: Binomial	probability of presence "hidden variable"	probability of presence "state description"	neural true response "response curve"
Data:	← case-specific - observations →		
Relation between case-specific parameters membership in superpopulation	spatial autocorr	state equation	response curve determined by case specific parameters
	link function		

Coin toss	latter hidden variable	W, K le state space	Nick collapsed
Global parameters Parameters of common prior 	Parameters of common prior Parameters of link function (spatial cov)	Parameters of common prior Parameters of link (state eqn)	Parameters of common prior (only prior) Response function
Benefit of hierarchical (joint inference): 1. Informativeness 2. common prior 3. better case specific inference	1, 2 3 link parameter auto cov	1, 2 3 link parameter state equation	better data support response

