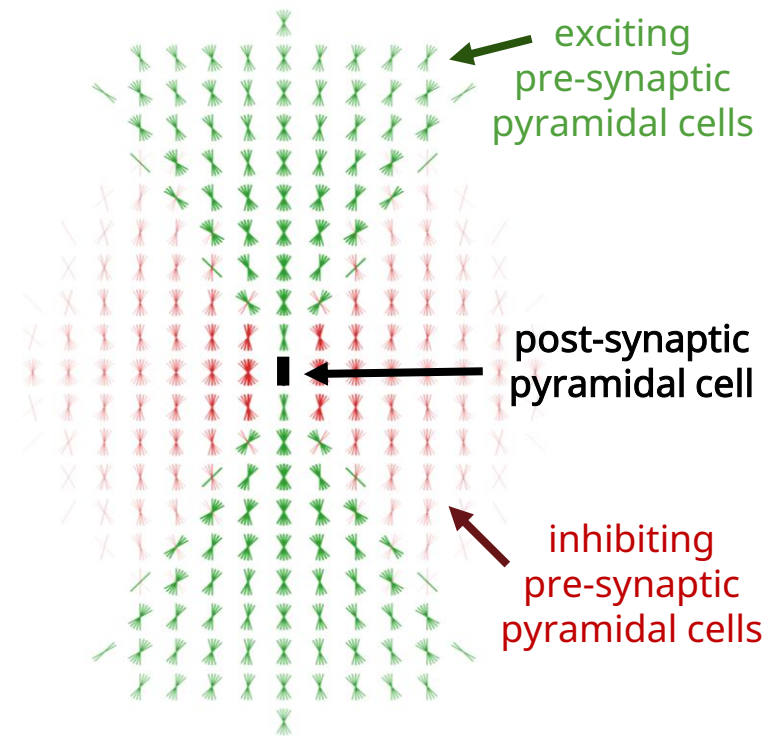
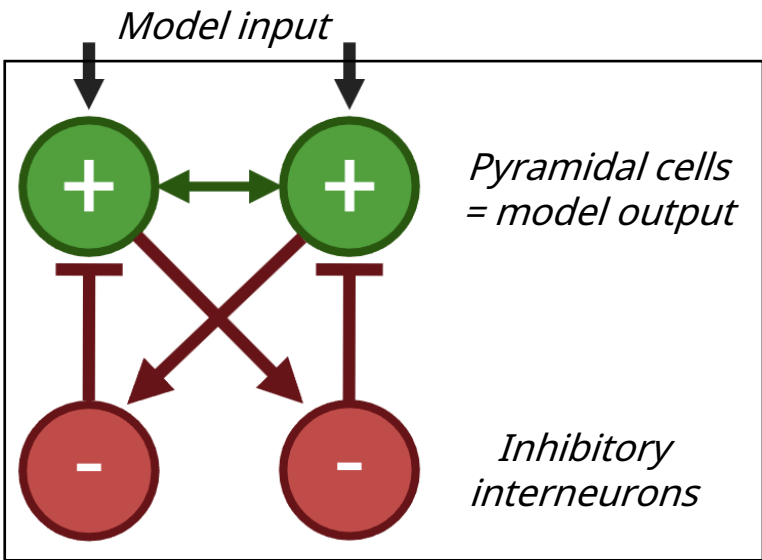


I. Neural Circuit Model of V1



II. Calibration inputs and replicated model outputs

	A: Bar without surround	B: Iso-orientation	C: Random background	D: Cross-orientation
Model input				
Model output				
	E: Bar without surround	F: With one flanker	G: With two flankers	H: With flanking line and noise
Model input				
Model output				