

Shayne Plourde

05/July/2023

**Goals from Last week:**

- Code
  - Table of model types
- Writing/ Reading
  - Work on paper draft every day 200 words / 1 figure
  - Finalize figures

**Progress:**

- Figure 1 edits made
- Table of Parameter model types

**Goals for week:**

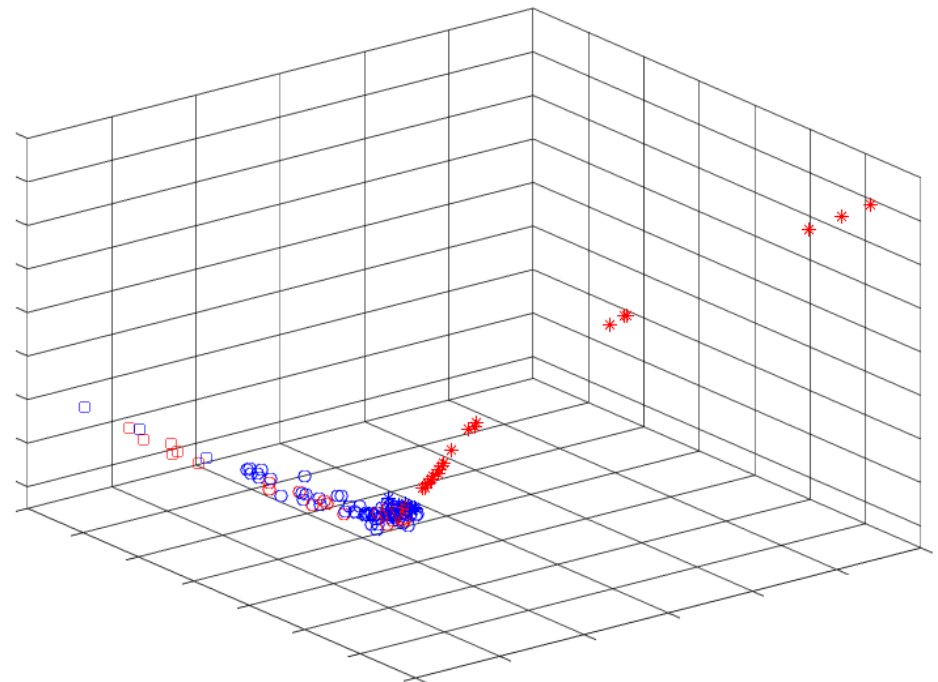
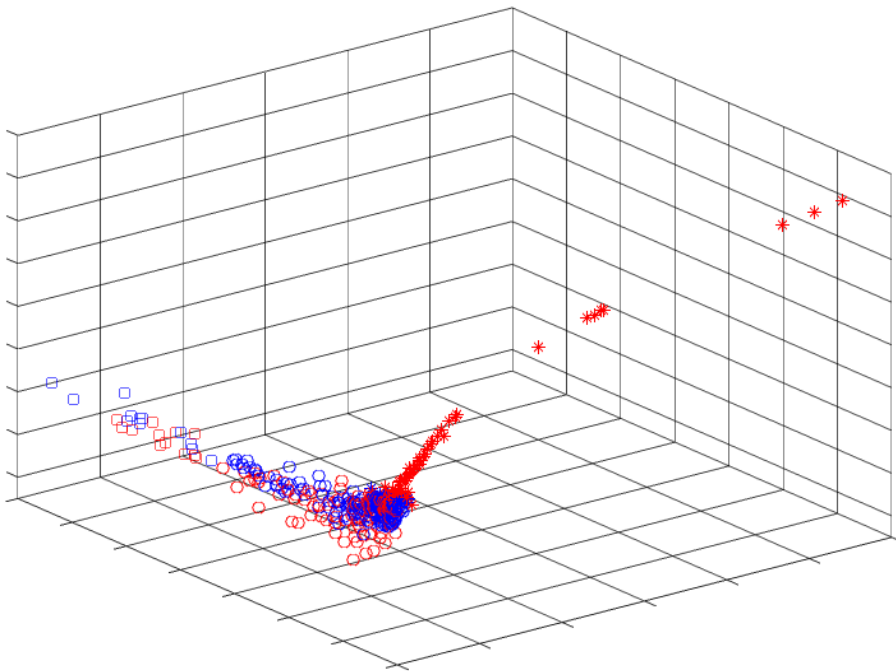
- Finalize those plots
- Writing/ Reading
  - Work on paper draft every day 300 words / 1 figure, supplemental
  - Read 1 paper

Lattice: CC>3.5 Condensate: n>1.19 Transition : Both <= cutoffs	Standard TD (/131)		Uniform TD (/114)		No TD (/91)		Total (/336)	
Lattice / Lattice	(37) 28.24%		(71) 62.28%		0		(108) 32.14%	
Transition / Transition	(7) 5.34%		(5) 4.39%		(62) 68.13%		(74) 22.02%	
Condensate / Condensate	(2) 1.53%		0		(3) 3.30%		(5) 1.49%	
	Lead / Lagg	Lagg / Lead	Lead / Lagg	Lagg / Lead	Lead / Lagg	Lagg / Lead	Lead / Lagg	Lagg / Lead
Lattice / Transition	(7) 5.34%	(46) 35.11%	(5) 4.39%	(21) 18.42%	(1) 1.10%	(2) 2.20%	(13) 3.87%	(69) 20.54%
Lattice / Condensate	(7) 5.34%	(6) 4.58%	(4) 3.51%	0	0	0	(11) 3.27%	(6) 1.79%
Transition / Condensate	(15) 11.45%	(4) 3.05%	(8) 7.02%	0	(15) 16.48%	(8) 8.79%	(38) 11.30%	(12) 3.57%

	Standard TD			Uniform TD			No TD			All TDs		
	Leader	Lagger	Both	Leader	Lagger	Both	Leader	Lagger	Both	Leader	Lagger	Both
Lattice	51	89	140	80	92	172	1	2	3	132	183	315
Transition	68	18	86	34	10	44	79	71	150	181	99	280
Condensate	12	24	36	0	12	12	11	18	29	23	54	77

All Parameters

Standard TD parameters



Square = High Carrying Capacity in Lattice

Circle = Transition

Star = High Cooperativity in Condensate