

BioE 332 – Large-Scale Neural Modeling

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Health Research & Policy T138B, Weds & Fri 12:50-2:05pm

Wk	Wednesday Lecture	Friday Discussion	Assignments due Friday
	4/3 Working memory	4/5 Modeling background	4/5 <i>No assignment</i>
2	4/10 Decision making	4/12 Working memory modeling results	4/12 <i>Reproduce Compte et al. 2000 – Figs 2 & 5</i>
3	4/17 Balanced networks	4/19 Decision making modeling results	4/19 <i>Reproduce Wang 2002 – Figs 3 & 5; Wong & Wang 2006</i>
4	4/24 Neurogrid tutorial	4/26 Balanced networks modeling results	4/26 <i>Reproduce Litwin-Kumar & Doiron 2012 – Fig 7; van Vreeswijk & Sompolonsky 1996</i>
5	5/1 Neurogrid tutorial	5/3 Project proposal presentations	5/3 <i>Half-page project proposal</i>
6	5/8 No lecture	5/10 No discussion	5/10 <i>Work on projects</i>
7	5/15 No lecture	5/17 No discussion	5/17 <i>Work on projects</i>
8	5/22 Project progress presentations	5/24 Project progress presentations	5/24 <i>Work on projects</i>
9	5/29 No lecture	5/31 No discussion	5/31 <i>Work on projects</i>
10	6/5 (Last day of classes) No lecture	6/7 Final project presentations	6/7 <i>Work on final project report</i>
11	6/10 (Monday) Final presentations		6/12 (Wednesday) <i>Final project report due</i>
