




Principles of Complex Systems, Vols. 1, 2, & 3D  
CSYS/MATH 300, 303, & 394  
University of Vermont, Fall 2022  
Assignment 11  
Retrophrenology 

**Due:** Friday, November 11, by 11:59 pm

<https://pdodds.w3.uvm.edu/teaching/courses/2022-2023pocsverse/assignments/11/>

*Some useful reminders:*

**Deliverator:** Prof. Peter Sheridan Dodds (contact through Teams)

**Assistant Deliverator:** Dylan Casey (contact through Teams)

**Office:** The Ether

**Office hours:** See Teams calendar

**Course website:** <https://pdodds.w3.uvm.edu/teaching/courses/2022-2023pocsverse>

**Overleaf:** LaTeX templates and settings for all assignments are available at

<https://www.overleaf.com/project/631238b0281a33de67fc1c2b>.

---

All parts are worth 3 points unless marked otherwise. Please show all your workings clearly and list the names of others with whom you conspired collaborated.

For coding, we recommend you improve your skills with Python, R, and/or Julia. The (evil) Deliverator uses (evil) Matlab.

Graduate students are requested to use  $\LaTeX$  (or related  $\TeX$  variant). If you are new to  $\LaTeX$ , please endeavor to submit at least  $n$  questions per assignment in  $\LaTeX$ , where  $n$  is the assignment number.

**Assignment submission:**

Via Blackboard.

---

**Please submit your project's current draft** in pdf format via Blackboard by the same time specified for this assignment. For teams, please list all team member names clearly at the start.

---

This week: Assignment 10 is due as are first attempts at getting projects together.

Projects: System problem that matters and has large-scale data that needs to be sorted out. In a detailed sense, you can go wrong with this, but in a larger sense, you