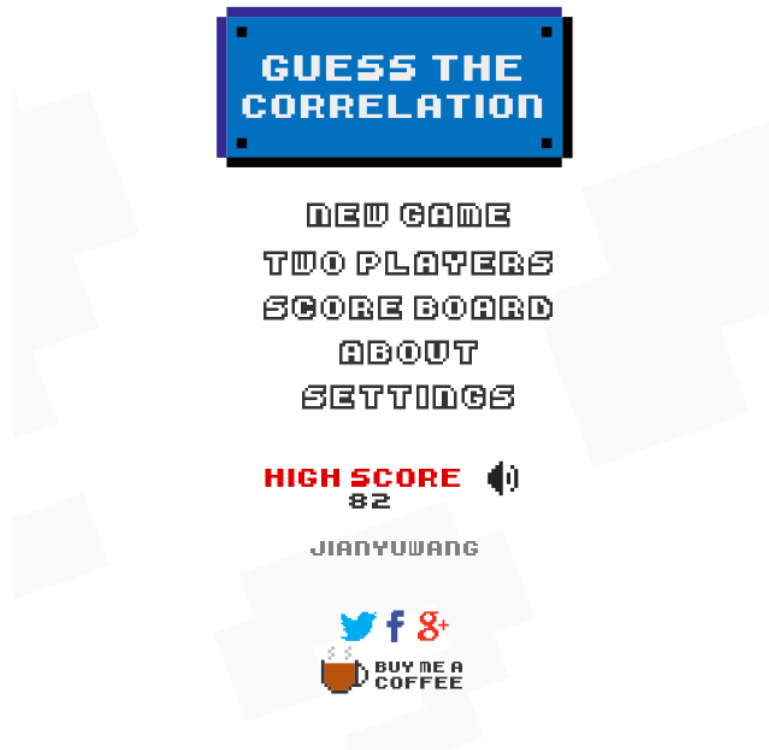


Problem set 12

Online S520

Upload your answers through the Assignments tab on Canvas

1. (3 points) Play the game at guessthecorrelation.com and include a screenshot of your name and high score. A score of at least 30 points gets you full credit for this question.



2. (3 points) The psychologists Daniel Kahneman and Amos Tversky described the following situation:

The instructors in a flight school adopted a policy of consistent positive reinforcement recommended by psychologists. They verbally reinforced each successful execution of a flight maneuver. After some experience with this training approach, the instructors claimed that contrary to psychological doctrine, high praise for good execution of complex maneuvers typically results in a decrement of performance on the next try.¹

Is there a simpler explanation for the decreased performance following praise? What does this have to do with chapter 15?

¹Reprinted in *Judgement Under Uncertainty: Heuristics and Biases* (1982).

3. (10 points) Trosset chapter 15.7 exercise 4
4. (10 points) Trosset chapter 15.7 exercise 5
5. (4 points) Trosset chapter 15.7 exercise 8