Travis Struck

COGS 344

Answers to questions from Assignment 3

Q4.3. If you are trying to maximize accuracy, what’s the best level for z?

* The highest possible z between -1 and 1 will give the best accuracy

Q4.6. If you are trying to maximize speed (i.e. minimize DT), what’s the best level for z?

* The lowest possible non-zero z will give you the fastest decision/reaction time.

Q4.9. If you are trying to maximize reward rate, what’s the optimal value of z?

* Mine was z of 0.54

Q4.10. What’s the error rate and reaction time at this level of threshold?

* ER = 0.25351
* RT = 0.76621