

Theoretical Neuroscience I  
Exercise 7  
Conditional probability  
and Signal-detection theory

December 12, 2019

# General Information

- ▶ Due date is 18 December 2019  
Points of assignments:
- ▶ Programming (6 points)
- ▶ Plots (9 points)
- ▶ Discussion (5 points)

## More Possible Exam Question

Which equation defines the conditional probability of  $x$ , given a particular value of  $s$ :

☐  $p(x | s) = \frac{p(x,s)}{p(s)}$

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