How did they miss?

Decoding hit-miss behaviour in a visual discrimination task from large-scale neural recordings.

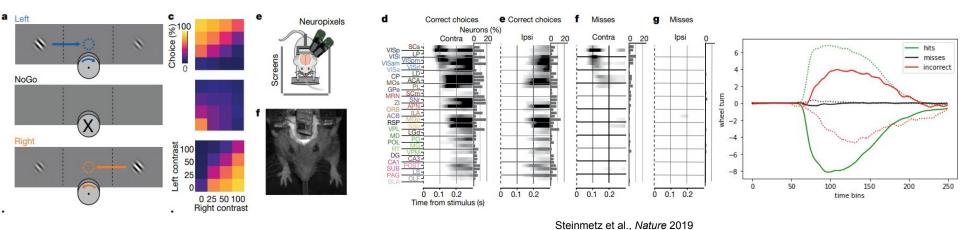


By: Laura Berkowitz, Shalaila Haas, Philipp Kreyenmeier, J. Quinn Lee Pod-019 Evasive Seals; Hybrid/Chimeric Seals





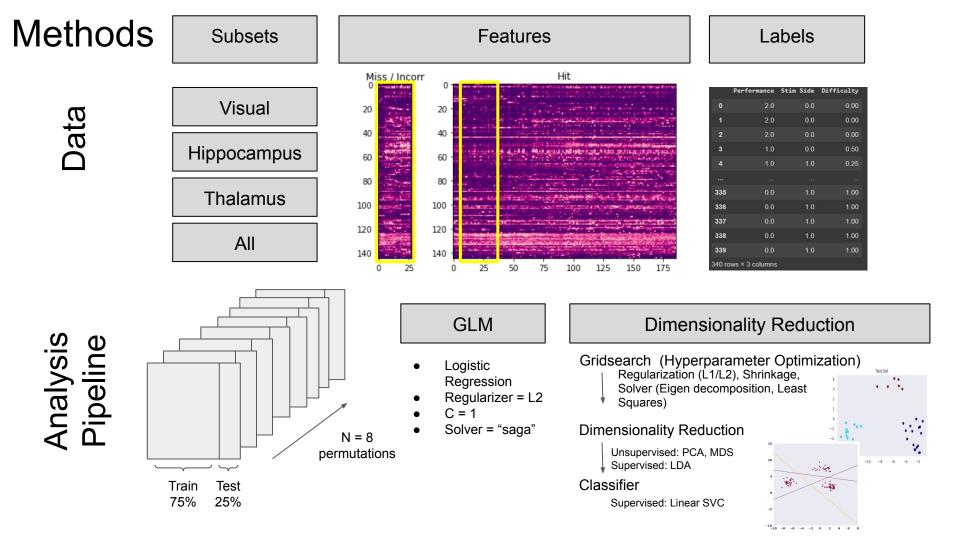
Introduction



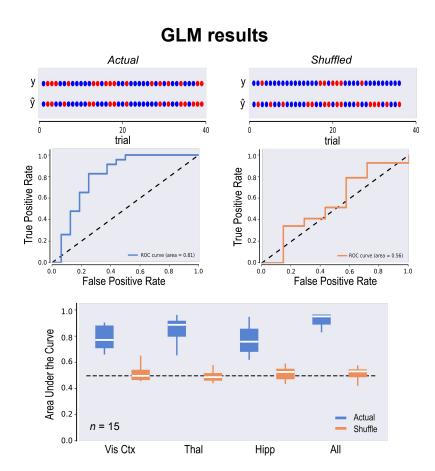
Question: How does the brain represent hit and miss behaviour during a visual discrimination task?

Hypothesis: Task performance is represented in a distributed code in the mouse brain.

Prediction: Neural activity from distributed brain regions will result in better decoding accuracy than any single region.



Results and Conclusions



Dimensionality Reduction

