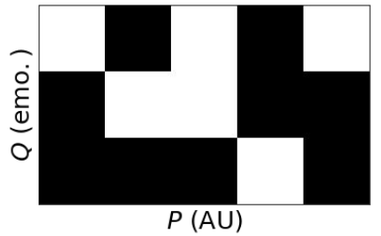
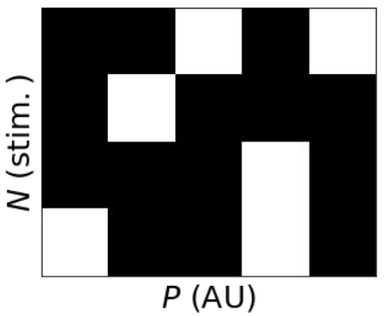
Step 1: encode mappings

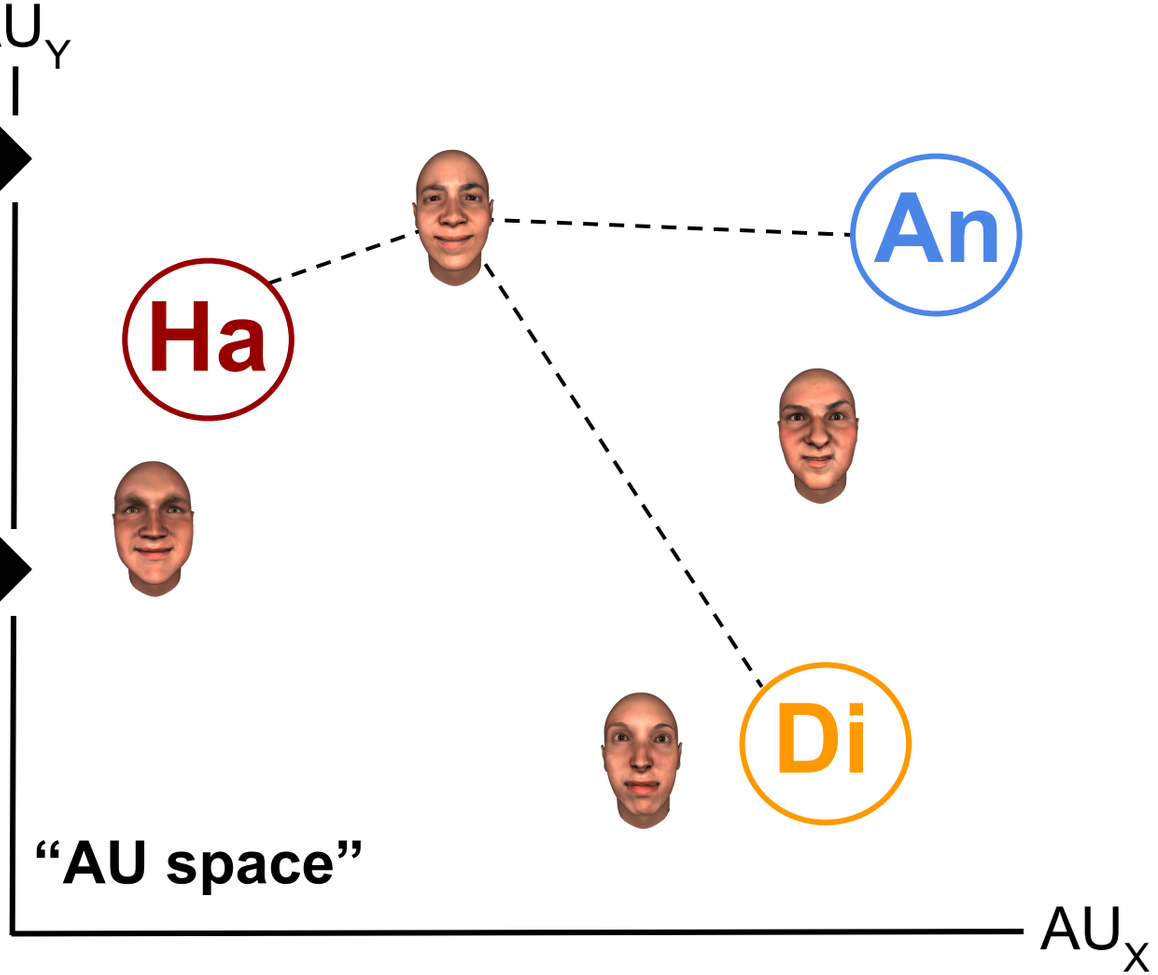
M
- Anger = 4 + 10 + 23
- Disgust = 9 + 10
- Happiness = 12



Step 2: encode stimuli

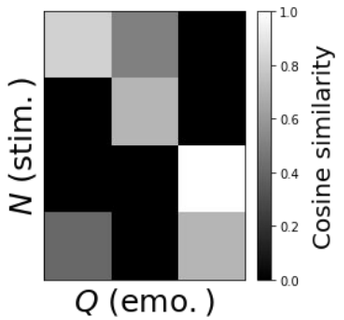
S
- 10 + 23
- 9
- 12
- 4 + 12





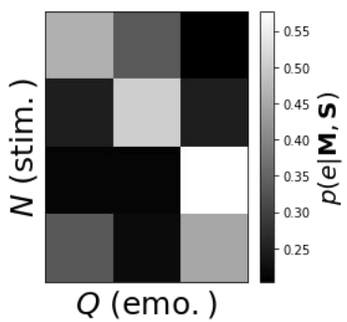
Step 3: compute similarity

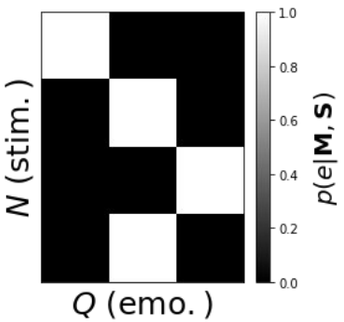
$$\phi_{M,S} = \kappa(M, S) = \frac{SM^T}{\|S\|\|M^T\|}$$



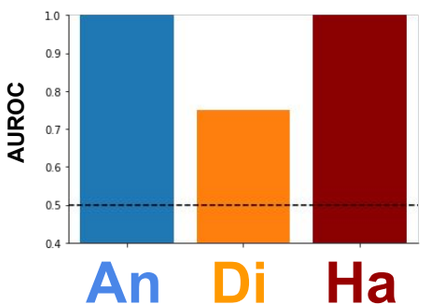
Step 4: compute predictions

$p(emo. \mid M, S) = softmax(\phi)$





Step 5: compare predictions with labels



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