

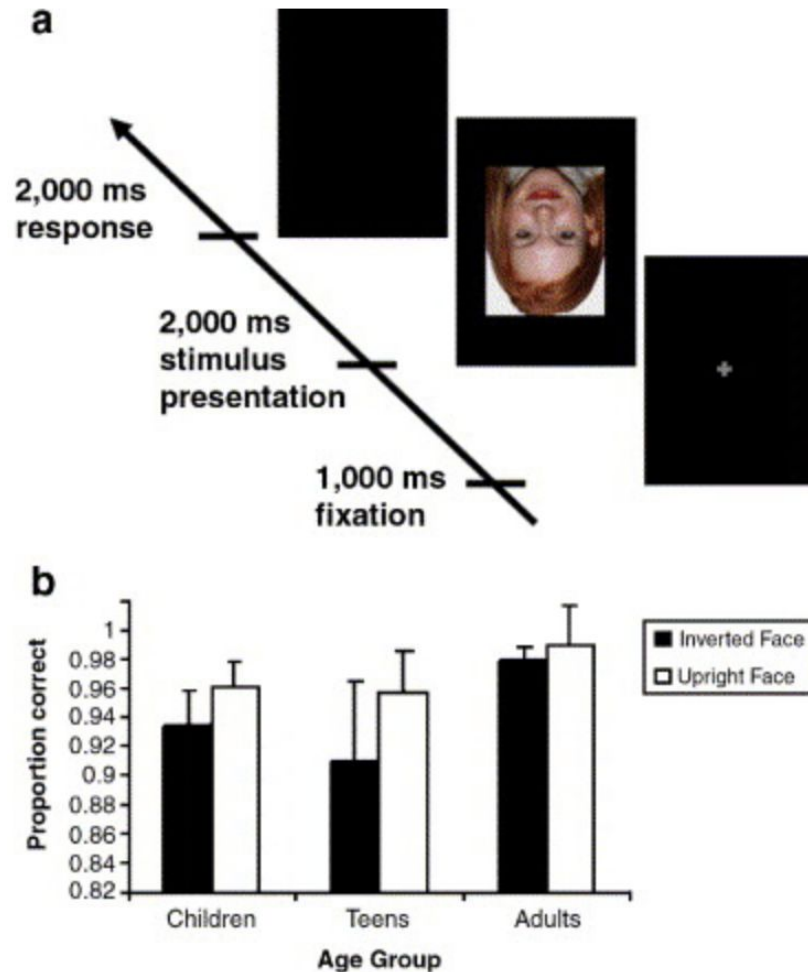
Face Inversion Effect in DNNs

Yatharth Agarwal and Julia Jorgensen

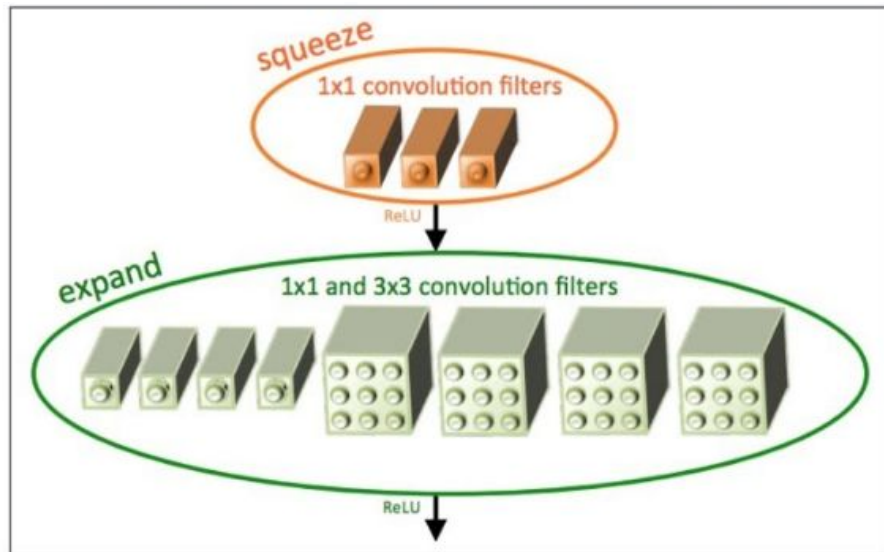
Psych 250

Motivation

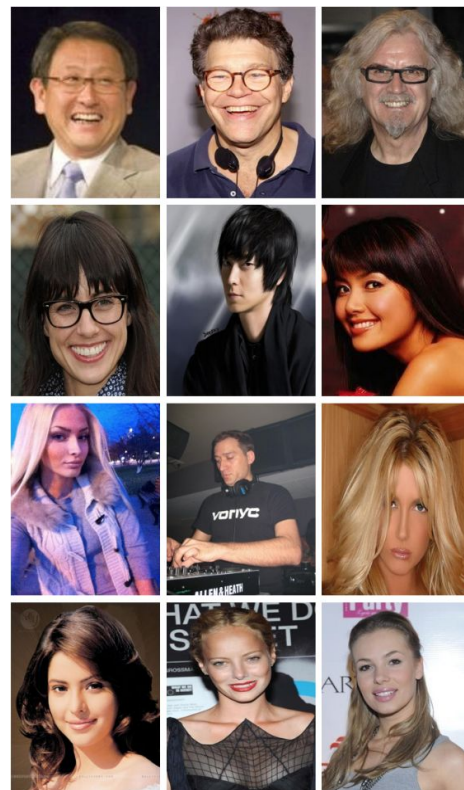
- The Face Inversion Effect
 - By the end of a child's first year of life, his FIE is similar to that of an adult
 - People's brains show increased FIE as they grow older (even into adulthood)
- Can we replicated this in a DNN?



Methods

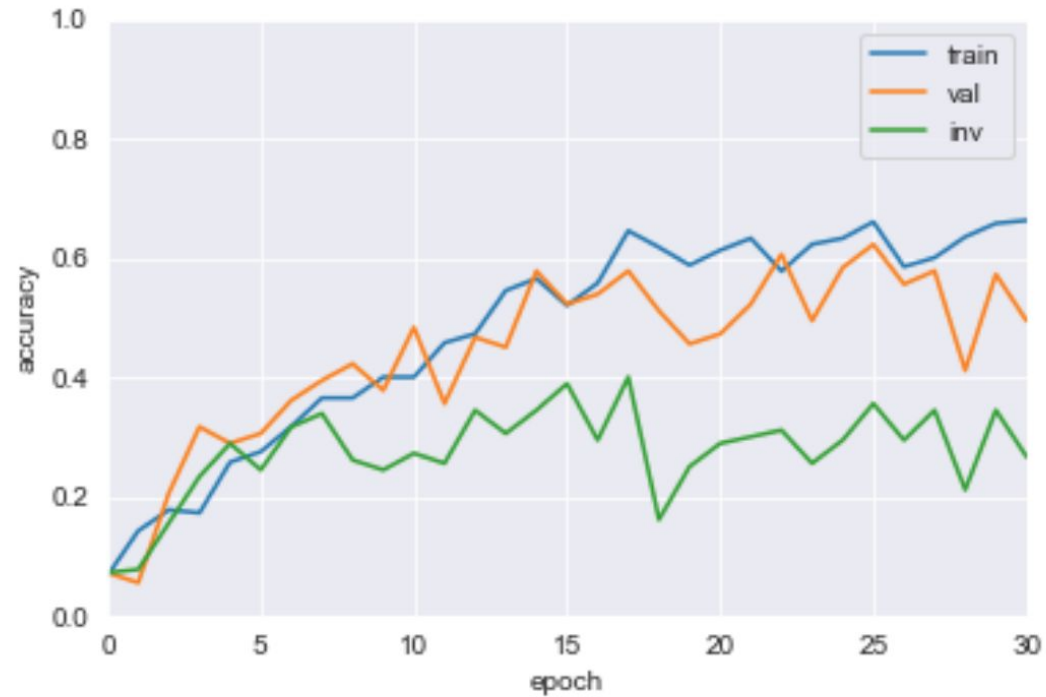


SqueezeNet



CelebA Dataset

Outcomes



Performance of our DNN on inverted and upright faces over time