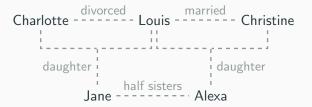
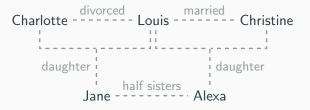
Toward a theory of transfer

Andrew Lampinen Lightning Talk, Oct. 4th 2017

Audience participation!!!

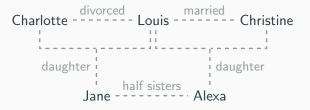


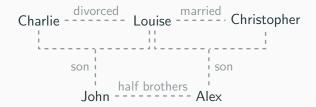
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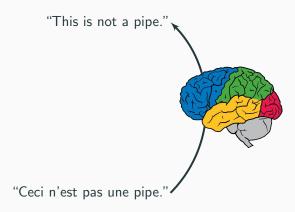




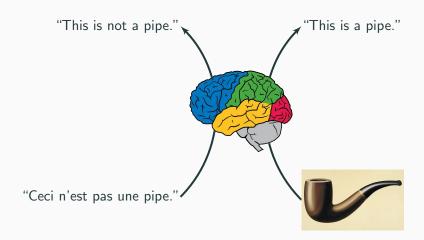
Neural nets transfer too!



Neural nets transfer too!

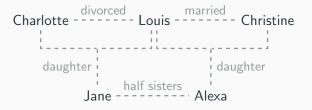


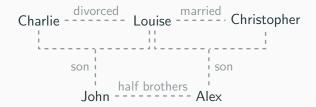
Neural nets transfer too!



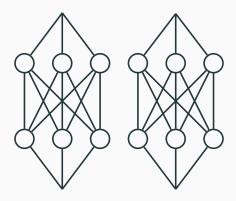
We suggest that these are similar processes.

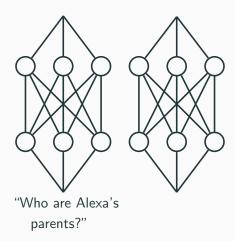
Can we develop a theory?

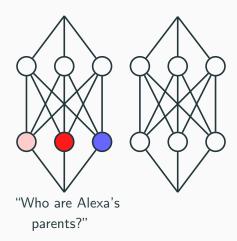


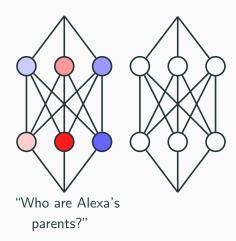


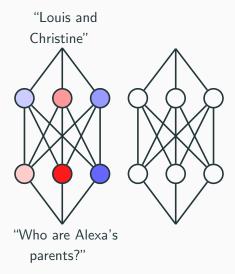
[Hinton, 1986] 5/9

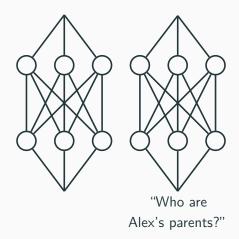


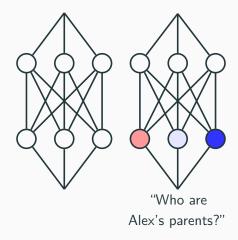


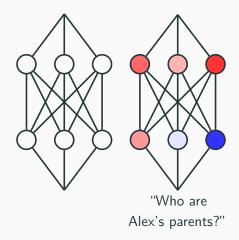


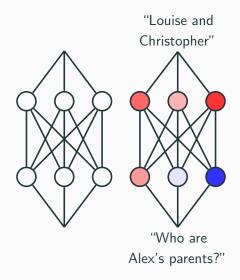


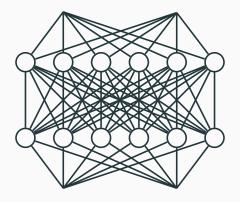


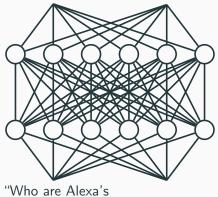




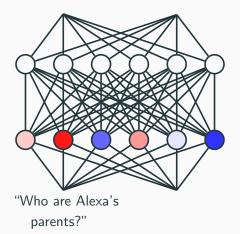


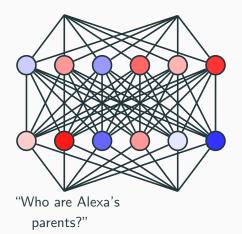


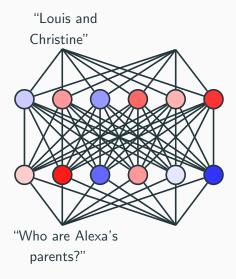


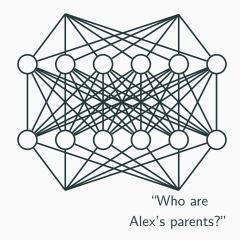


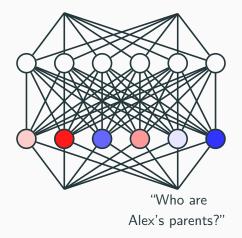
"Who are Alexa's parents?"

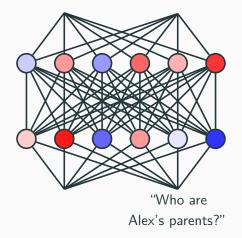


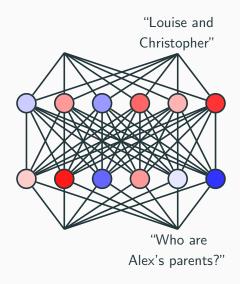


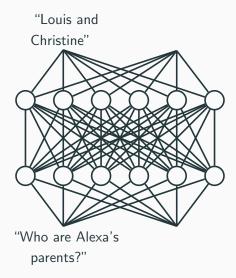


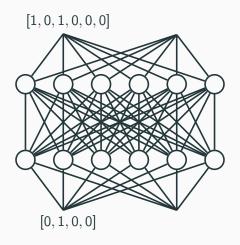




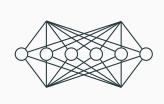


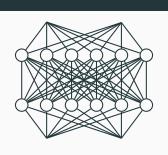




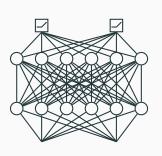


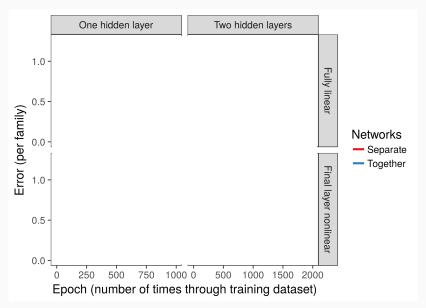
For what networks?

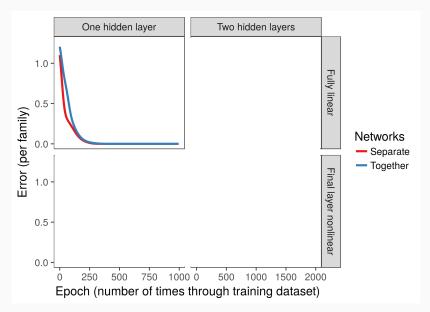


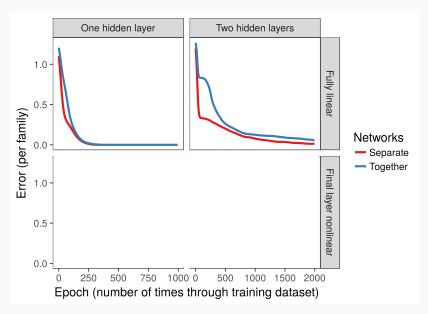


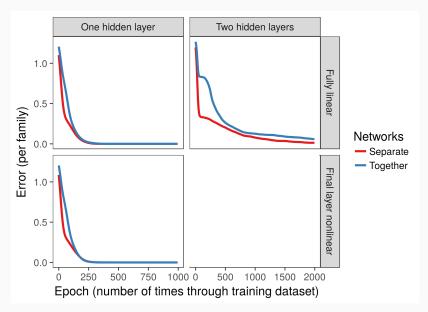


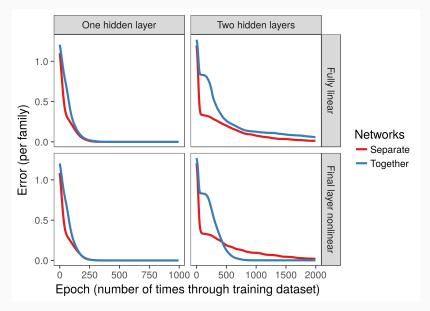














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