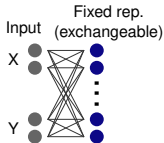
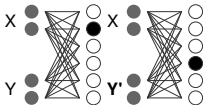
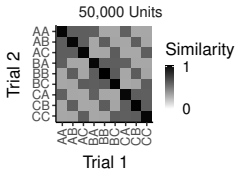


a**b**

Fully conjunctive rep.

**c**

Partly conjunctive rep.

**d**

Type of trials

Distinct

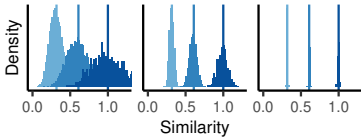
Overlapping

Same

100 Units

1,000 Units

50,000 Units

**e**

Compositional/conjunctive spectrum

Shallow ReLU net

$\alpha \approx 0.15$

$\alpha = 0.3$

$\alpha = 0$ (additive)

$\alpha = 1$ (e.g. one-hot)

\Rightarrow Fully compositional

\Rightarrow Fully conjunctive