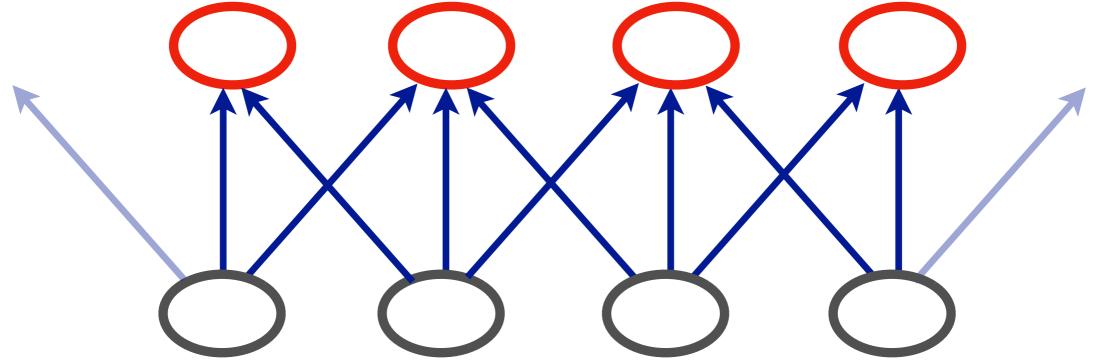
Structural Self-Similarity







$$a_{ik} = \mathbf{w}[v_i \rightarrow u_k] = 0$$

$$\Rightarrow a_{i+1} = w[v_{i+1} \to u_{k+1}] = 0$$

a_{11}	a_{12}	a_{13}	0	0	0	• • •	0
0	a_{22}	a_{23}	a_{24}	0	0	• • •	0
0	0	a_{33}	a_{34}	<i>a</i> ₃₅	0	• • •	0
0	0	0	a_{44}	a_{45}	a_{46}	• • •	0
	• • •	• • •	• • •	• • •	• • •		



































Structural Self-Similarity

$$a_{ik} = \mathbf{w}[v_i \to u_k] = 0$$

$$\Rightarrow a_{i+1 k+1} = \mathbf{w}[v_{i+1} \to u_{k+1}] = 0$$

a_{11}	a_{12}	a_{13}	0	0	0	• • •	0
0	a_{22}	a_{23}	a_{24}	0	0	• • •	0
0	0	a_{33}	a_{34}	<i>a</i> ₃₅	0	• • •	0
0	0	0	a_{44}	a_{45}	a_{46}	• • •	0
	• • •	• • •	• • •	• • •	• • •		

Can we further save?

Parameter Tying

