"feature embeddings"

w=dog

pw=the

pt=NOUN

pt=DET

w=dog&pt=DET

w=dog&pw=the

w=chair&pt=DET

x = (0, ..., 0, 1, 0, ..., 0, 1, 0 ..... 0, 1, 0, ... , 0 , 1, 0 ,0, 1, 0, ... , 0, 0, 0 , ... , 0)

---

x = (0.26, 0.25, -0.39, -0.07, 0.13, -0.17) (-0.43, -0.37, -0.12, 0.13, -0.11, 0.34) (-0.04, 0.50, 0.04, 0.44)

chair	(-0.37, -0.23, 0.33, 0.38, -0.02, -0.37)
on	(-0.21, -0.11, -0.10, 0.07, 0.37, 0.15)
dog	(0.26, 0.25, -0.39, -0.07, 0.13, -0.17)
	...
	...
the	(-0.43, -0.37, -0.12, 0.13, -0.11, 0.34)
	...
	...
mouth	(-0.32, 0.43, -0.14, 0.50, -0.13, -0.42)
	...
	...
gone	(0.06, -0.21, -0.38, -0.28, -0.16, -0.44)
	...

Word Embeddings

NOUN	(0.16, 0.03, -0.17, -0.13)
VERB	(0.41, 0.08, 0.44, 0.02)
	...
	...
DET	(-0.04, 0.50, 0.04, 0.44)
ADJ	(-0.01, -0.35, -0.27, 0.20)
PREP	(-0.26, 0.28, -0.34, -0.02)
	...
	...
ADV	(0.02, -0.17, 0.46, -0.08)
	...

POS Embeddings