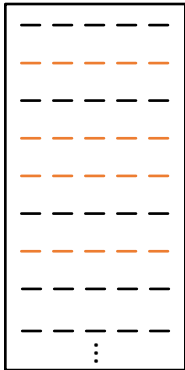


4 input words ($p=3$)

... $w(p-5)$ $w(p-4)$ $w(p-3)$ $w(p-2)$ $w(p-1)$ $w(p)$ $w(p+1)$ $w(p+2)$...

vocabulary

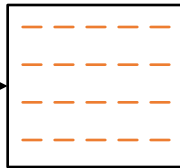


vocabulary
size

embedding
size

embedding_lookup()

word matrix



embedding
size

reshape()

feature vector



4x
embedding
size