## Neuro Network in NLP

SI: The man saw a cor in the pork

S2: I saw the man park the car.

Pra cesare:

S, takens = { the, man, saw, a, car, in, the, parks

Sa takens = { +, saw, the, man, pork, the, cary

V=S, takens US, takens = { the, man, saw, a, cor, in, pork, Jy

& Raprez. vectorialó (frecuento),

Vector.	Sx	Sa
the man saw a con in park	3117770	2 2 2 0 2 0 1 1

$$S_{x} = [2, 1, 1, 1, 1, 1, 1, 1, 0]$$
  
 $S_{x} = [2, 1, 1, 0, 1, 0, 1, 1, 1]$ 

S,-S2=[2-2, 1-1, 1-2, 1-0, 1-1, 1-0, 1-1, 0-1] = [0,0,0,1,0,1,0,-1]  $= \int_{1}^{2} \frac{1}{1} \int_{1}^{2} \frac{1}{1} (-1)^{2} = \int_{3}^{2} \frac{1}{2} \int_{3}^{2}$ 

Vector cosinus: cos = S. Sz

Si-Sz= 2-2+1. h+1-1+1.0+1.1+1.0+1.1+0.1=4+4=8

 $||S_{\lambda}|| = \int_{2^{2} + \lambda^{2} \cdot 6}^{2^{2} + \lambda^{2} \cdot 6} = \int_{4+6}^{4+6} = \int_{4+5}^{4+6} = \int_{3}^{4+6} = \int_{3}^{4+6$ 

c), Joccord
$$J(S_1,S_2) = \frac{|S_1 \cap S_2|}{|S_1 \cup S_2|}$$

$$|S_1 \cap S_2| = (\{1\}) + (\{1\})$$

=> Over bp= 
$$\frac{5}{6} = 0,833$$