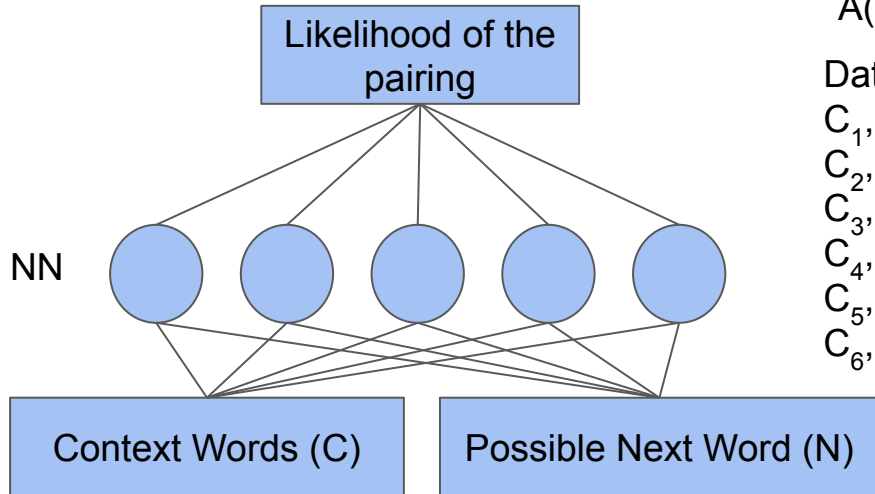


My name is [REDACTED] Lovig

I do [REDACTED] in Natural Language Processing

We try to predict the [REDACTED] word in a [REDACTED]

“It is a truth universally acknowledged, that a single man in possession of a good fortune, must be in want of a [REDACTED]”



$$A(C,N) = 1 - NN(C,N)$$

$$P\text{-Val} = \# \text{ Rankings Above} / n$$

Data	$A(C_1, N_1)$	Ranking	<New Context, Next Word>
C_1, N_1	$1 - .5 = .6$	.6	“...want of a”, “sad”> $1 - .08 = .92$
C_2, N_2	$1 - .9 = .1$	.55	P-Val = $0/6 = 0$
C_3, N_3	$1 - .8 = .2$	.5	“...want of a”, “dog”> $1 - .53 = .47$
C_4, N_4	$1 - .55 = .45$	.45	P-Val = $3/6 = .5$
C_5, N_5	$1 - .35 = .55$	.2	“...want of a”, “wife”> $1 - .95 = .05$
C_6, N_6	$1 - .5 = .5$	.1	P-Val = $6/6 = 1$

Conf = 95%, $\epsilon = .05$: (“dog”, “wife”)

Conf = 40%, $\epsilon = .6$: (“wife”)