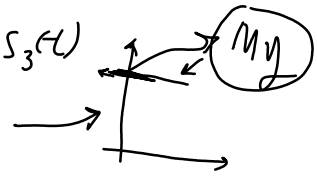
Wednesday, November 25, 2020 10:04 AM

$\rightarrow x(t) = a_{11} \cdot s_1(t) + a_{12} \cdot s_2(t) + a_{13} \cdot s_3(t)$



$x_k(My)$ My name is Zois

$\rightarrow My = [a_{11} \cdot s_1(My) + a_{12} \cdot s_2(My) + a_{13} \cdot s_3(My)]$

$name = a_{21}\, s_1(name) + \ldots$

$is = a_{31}\, s_1(is) + \ldots$

$Zois = a_{41}\, s_1(Zois) + \ldots$

Tool.

1. ICA word emb. unsup.
2. word.emb $\rightarrow$ 7
3. Get predicted tweets

reliable $[\underline{X}^r]$ ICA $\downarrow$ word emb r

unreliable $[\underline{X}^u]$ ICA $\downarrow$ word emb u.

4. (My^r) (My^u)
5. M $\downarrow$ u — Sum or average
6. Quant. measure

LIME $\longleftrightarrow$ ICA inf.

Note: $\hat{A}$ $\hat{S} = [s_1, s_2, s_3]$.

if Skewness $(S_i) < 0$

$-1 \cdot S_i$ & $-1 \cdot a_k \rightarrow$ column of $\hat{A}$.

end.

Note: 1. The algorithm for ICA.

{FastICA} $\rightarrow$ Another algorithm.

2. $\rightarrow$ :: :)

3. LDA, DL, NMF, CAT