Natural language Processing

Assignment - 2

y is the time distribution and the foresticted distribution is is.

$$\frac{1}{2} \cdot \left(\frac{1}{12}\right)_{R} = \frac{\frac{1}{12} \left(\frac{1}{12} \cdot \frac{1}{12}\right)}{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12} \cdot \frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12} \cdot \frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12}}{\frac{1}{12}} = \frac{\frac{1}{12} \cdot \frac{1}{12}}{\frac{$$

where up is the kth frome of U. of also rolled the sotont wester for word with Har R. the forme ontrider word is o 是: 愛(か)。= $(y)_{w} = 0$ (shows gut ofy = - { un ton (3m)

Home froved.

$$J = -M_0^T V_c + log \left(\frac{1}{2} \operatorname{sup} \left(M_w^T V_c \right) \right)$$

$$\frac{1}{2} = -V_c + \frac{1}{2} \operatorname{sp} \left(M_w^T V_c \right)$$

1) In the flot I son ple Deverol dusters of words that make sende, such as too & notbee, Injoyable & annoying, roman & female, ste. However mong things don't make sense, like how male is away from man, month is dose to man.

A bro snone & woman are close, which does not make sense. We in also to see The bias of the model, by observing that The word dumb is Noser to queen than king.