

Supplementary File for Uncover Sexual Harassment Patterns from Personal Stories by Joint Key Element Extraction and Categorization

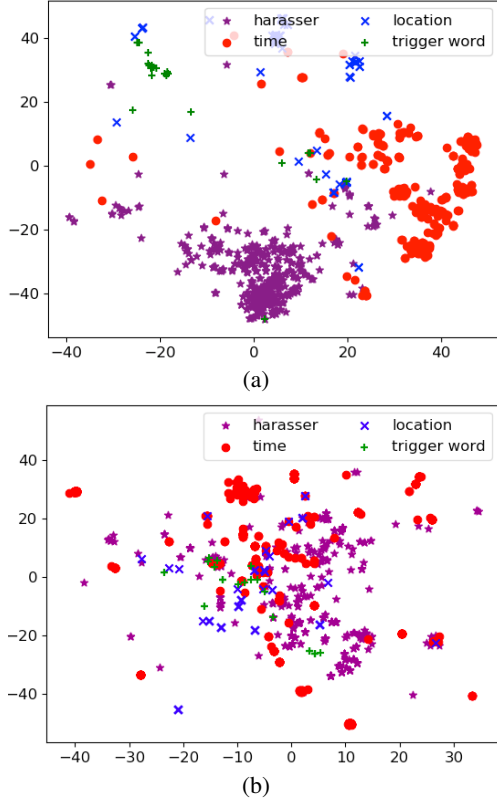


Figure 1: t-SNEs of word representations from the first layer of J-CNN (a) and from word embedding layer in classification only model (b).

Age	Single/ Multiple	Type of Harasser	Loc	Time	Key Element
0.84	0.84	0.79	0.71	0.91	0.75

Table 1: Inter-agreement Cohen's Kappa

Classification	Accuracy	macro F1
Age	<0.001	<0.001
Single/Multiple	<0.005	<0.005
Type of Harasser	<0.05	<0.05
Type of location	<0.005	<0.05
Time	<0.005	<0.05

Table 2: Significance test p values on improvement from joint learning