Can Women Break the Glass Ceiling?: An Analysis of #MeToo Hashtagged Posts on Twitter

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Various apps for security of women such as:Hollaback,Safetipin ,Protibadi,Circle of 6

Data Collection

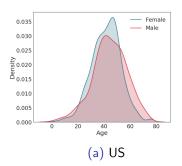
City	#Tweets	Male	Female	Female(%)
Dallas	1249	144	471	76.59
Dhaka	82	32	22	40.74
Indianapolis	1203	180	452	71.52
Kansan City	448	61	208	77.32
Karachi	250	44	55	55.56
Mumbai	2778	724	674	48.21
New York	1878	267	754	73.85
North Dakota	110	18	34	65.38
Portland	849	146	316	68.4
Saint Louis	619	92	224	70.89
Tehran	114	13	32	71.11

Analysis

Age and Gender Distribution

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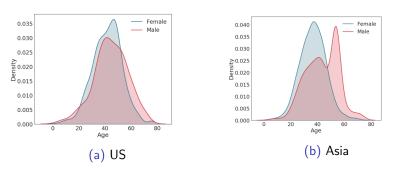


Figure: Age distribution of female and male users

Harassment Claims in a Particular Form

Men used to catcall me while I waited for mum to pick me up. I was 12 years old. #metoo

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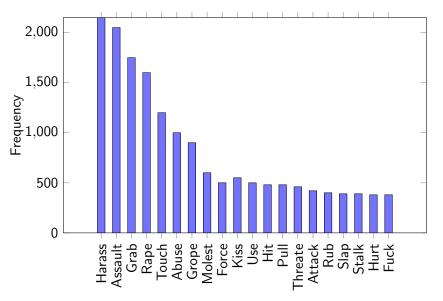
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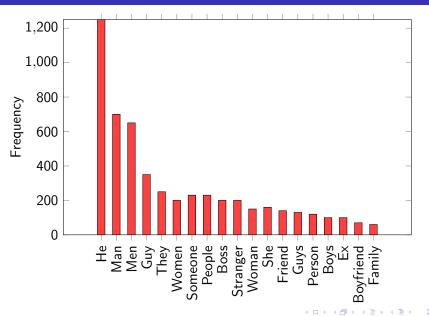
#MeToo
sex harassment charges
hit Silicon Valley Robert
Scoble says, 'I feel ashamed'.

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Frequency of different harassment categories



Frequency of harasser roles



Topic Distribution

Relevance of a word with respect to a topic, r(w, k), is calculated using this equation :

Equation

$$r(w, k) = \lambda * \log(\delta_{kw}) + (1 - \lambda) * \log(\frac{\delta_{kw}}{P_w})$$

Here , kw denotes the probability of word w for topic k, pw denotes the marginal probability of termw in the whole dataset, and is a tuning parameter

Frequency distribution of harassment category - harasser role pairs

