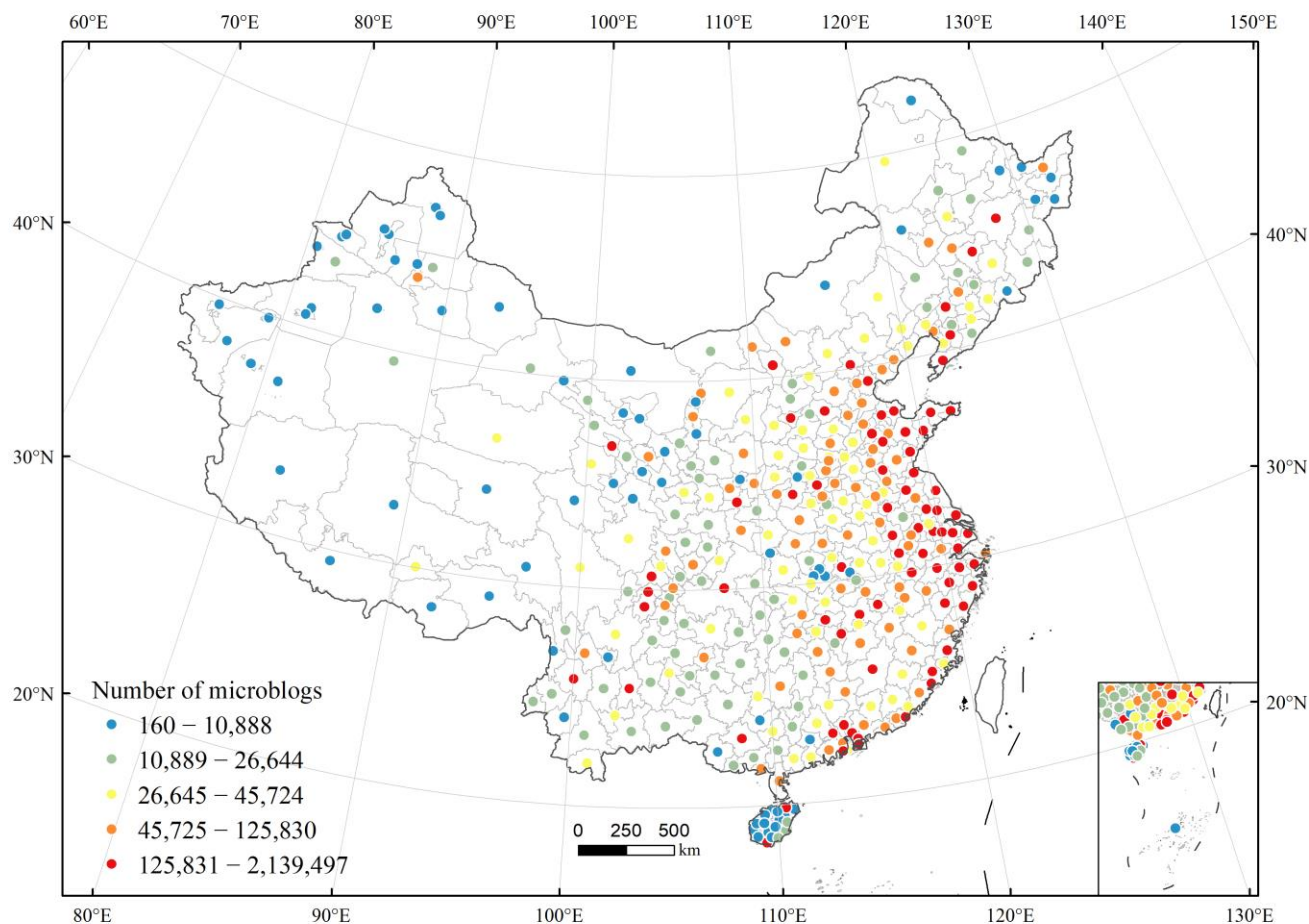
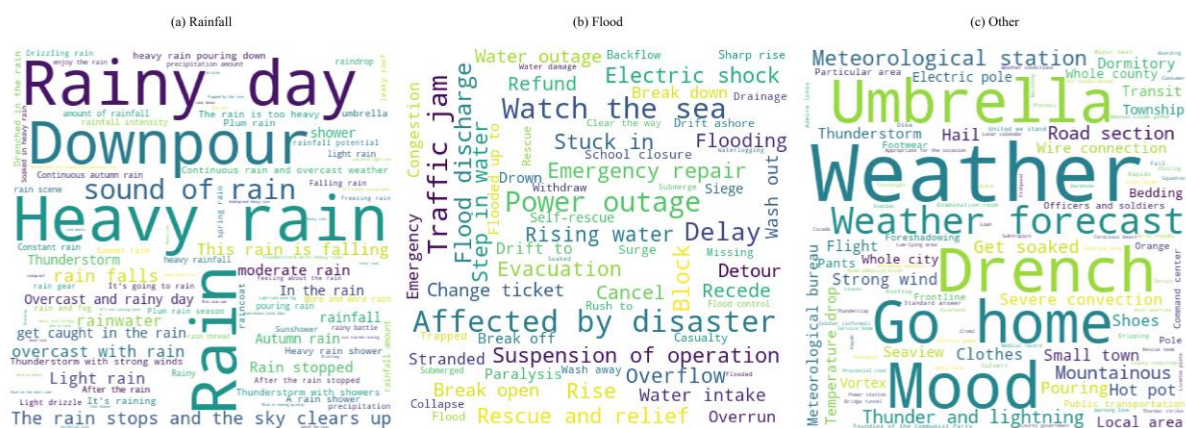


## Supplement



**Figure S1.** The distribution of the number of microblogs through preprocessing and filtering.



**Figure S2.** Keywords of dominated categories of part-of-speech across keyword types.