**{impact:0, forecast:1, sympthy:2, rescure&response: 3, other: -1}**

**Weibo Topics in the pre-flood period**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Representative Keywords | Topic ids | Weights | Sentiments |
| Forecast | 天气(weather), 家乡(hometown), 晋中(Jinzhong),强降水(heavy rain),地区(location), 预警(early warning), 灾难(disaster), 部分(part), 下雨(rain) | 1, 6 | 0.0847 | 1.1758 |
| Impact | 滑坡(landslide), 下雨(rain), 人员伤亡(death and injury), 山体(mountain),起来(get up),别下(don’t rain),内涝(waterlogging),影响(impact),关注(focus),塌陷(collapse),房子(house),挖煤(coal mining) | 0, 7, 8, 14 | 0.2624 | 0.0816 |
| Rescue & Response | 视频(video), 转移(transfer), 灾害(disaster), 应急(emergency), 地带(zone), 情况(situation) 群众(people), 救援(rescue), 部分(part), 展开(start), 车辆(car), 抢险(rescue) | 4, 9, 11, 12 | 0.1556 | 0.9518 |
| Sympathy | 寒心(sadness), 村庄(village), 加油(cheer up),心寒 (sadness), 希望 (hope), 平平安安(safe), 难过(sadness), 乌马 (Wuma),郑州(Zhengzhou), 值得(worth) | 2, 3, 5, 10, 13 | 0.3632 | 0.0792 |
| Other |  | -1 | 0.1341 | -0.1358 |

**{impact:0, sympthy:1, rescure&response: 2, other: -1}**

**Weibo Topics in the in-flood period**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Representative Keywords | Topic ids | Weights | Sentiments |
| Impact | 免费(free), 古建(ancient architecture), 用于(use), 恢复(recover), 稷山(Jishan), 河津(Hejin), 坍塌(collapse), 险情(disaster situation), 降雨(rain), 积水(waterlogging), 运城(Yuncheng), 山体(mountain), 浸泡(soak in) | 1, 2, 3, 11, 13 | 0.2280 | 0.3799 |
| Rescue & Response | 消防员(firemen), 救援(rescue), 致敬(pay tribute), 刷屏(flood the screen), 防汛(flood prevention), 支援(support), 物资(supplies), 爱心(donate), 汇总(gather), 救援队(rescue team) | 5, 6, 7, 8, 10, 12, 14 | 0.4298 | 1.3148 |
| Sympathy | 下雨(rain), 希望(hope), 取暖(warm), 加油(cheer up), 家乡(hometown), 挺住(hold on), 互助(help),捐赠(donate), 助力(help) | 0, 4, 9 | 0.2756 | 0.3169 |
| Other |  | -1 | 0.0665 | -0.0948 |

**{impact:0, sympthy:1, rescure&response: 2, recovery: 3, other: -1}**

**Weibo Topics in the post-flood period**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Representative Keywords | Topic ids | Weights | Sentiments |
| Impact | 煤炭(coal), 价格(price), 文物(cultural relics), 河南(Henan), 坍塌(collapse), 产量(production), 电煤(electric coal), 影响(impact), 新疆(Xingjiang), 农民(farmers), 钢厂(steel mill) | 3, 5, 9, 11, 13, 14 | 0.2529 | 1.1294 |
| Sympathy | 受灾(hit by a natural adversity) 捐赠 (donate)捐款(donate) 爱心(donate) 预计(estimate) 力量(strength) | 12, 15 | 0.1362 | 1.6348 |
| Rescue & Response | 救援(rescue), 河南(Henan), 救援队(rescue team), 学校(school), 支援(support), 防控(prevent), 消防(fire department), 开展(start), 任务(task), 使用(use) | 1, 7, 8, 10, 16, 17, 18 | 0.3790 | 1.2095 |
| Recovery | 开学(school), 机会(chance), 体验(experience), 救援队(rescue team), 感谢(thanks), 运达(arrive), 排涝(drainage), 支援(support), 稷山县(Jishan), 老师(teacher) | 0, 4, 6, 19 | 0.1762 | 1.0843 |
| Other | 请假(absence), 农村(village), 河北(Hebei) | 2, -1 | 0.0555 | 0.2327 |