|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Events | Support | Deny | Query | Comment |
| CH | 214 (239) | 72 (58) | 50 (53) | 666 (721) |
| SS | 174 (220) | 115 (89) | 87 (98) | 677 (700) |
| FG | 145 (176) | 108 (91) | 85 (99) | 704 (718) |
| OS | 127 (161) | 82 (76) | 65 (63) | 450 (477) |
| GC | 51 (69) | 14 (11) | 33 (28) | 163 (173) |
| Total | 711 (865) | 391 (325) | 320 (341) | 2650 (2789) |

Dataset stance split event-wise

\*Rumour veracity label count is same as that of paper

Training on balanced dataset and validation on original

5 iterations

SKP

Mean veracity F1 : **0.43**(0.379)

Mean stance F1 : 0.496(0.532)

Overall confusion matrix for rumour veracity

|  |  |  |  |
| --- | --- | --- | --- |
|  | True | False | Veracity |
| True | 0.55 | 0.42 | 0.03 |
| False | 0.51 | 0.34 | 0.14 |
| Unverified | 0.33 | 0.15 | 0.52 |

30 iterations

BERT

Mean veracity F1 : **0.366**(0.359)

Mean stance F1 : 0.492(0.520)

Overall confusion matrix for rumour veracity

|  |  |  |  |
| --- | --- | --- | --- |
|  | True | False | Veracity |
| True | 0.54 | 0.11 | 0.35 |
| False | 0.48 | 0.23 | 0.29 |
| Unverified | 0.15 | 0.27 | 0.58 |

Event-wise stance F1 Values

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | CH | SS | FG | OS | GC | Mean |
| BERT | **0.52**(0.510) | 0.48(0.564) | **0.53**(0.522) | 0.43(0.476) | 0.50(0.530) | 0.49(0.520) |
| SKP | **0.54**(0.514) | 0.50(0.579) | 0.51(0.553) | 0.46(0.469) | 0.47(0.547) | 0.496(0.532) |