*Table 1 Final version of Coding manual (29 variables)*

| DATA TYPE | VARIABLE | CATEGORY LIST |
| --- | --- | --- |
| Textual content |
| dichotomous | text duplicate | 1-Yes, 0-No |
| ordinal | text relevance | 1-Not at all, 2- slightly relevant, 3- moderately relevant, 4-highly relevant, 5- extremely relevant |
| nominal | text themes | 0-unclear or could not identify, 1-Violent clashes between protesters and police, 2-demonstrations, 3-Hong Kong independence, 4-anti-Chinese Communist Party sentiments, 5-Tiananmen demonstrations in 1989, 6-others, 7-solidarity/support, 8-Hong Kong electoral reform/Hong Kong government, 9-censorship, 10-blue ribbon/police brutality |
| nominal | languages | 0-unclear or could not identify, 1-traditional Chinese, 2-simplified Chinese, 3-English |
| scale | the length of the text | (varies from 0 to 85 Chinese characters) |
| ordinal | textual attitude affiliation | 0-unclear or could not identify, 1-negative to OCLP, 2-neutral to OCLP, 3-postive to OCLP |
| scale | sensitive terms\* |  |
| visual content |
| dichotomous | image duplicate | 1-Yes, 0-No |
| ordinal | image relevance | 0-unclear or could not identify, 1-Not at all, 2- slightly relevant, 3- moderately relevant, 4-highly relevant, 5- extremely relevant |
| nominal | image themes | 0-unclear or could not identify, 1-Violent clashes erupt between protesters and police, 2-demonstrations, 3-Hong Kong independence, 4-anti-Chinese Communist Party sentiments, 5-Tiananmen demonstrations in 1989, 6-others, 7-solidarity/support, 8-Hong Kong electoral reform/Hong Kong government, 9-censorship, 10-blue ribbon/police brutality |
| nominal | image obtaining | 0-unclear or could not identify, 1-screenshot (computer), 2-screenshot (smartphone), 3- photos taken by user and 4-repost |
| nominal | image sources | 0-unclear or could not identify, 1- hkdash.com, 2-*Apple Daily*, 3-*Passion Times*, 4-HKFS/Scholarism/OCLP, 5-D100 Hong Kong Radio, 6-*inmediahk.net*, 7- now news, 8-on.cc, 9- TVB/ATV (TV Program), 10-other Hong Kong media, 11-overseas media, 12-mainland China media, 13- photos taken on the scene of OCLP |
| nominal | image origins | 0-unclear or could not identify, 1-Facebook, 2-Twitter, 3-, 4-Websites, 5- Instagram, 6-TV Program, 7- newspapers, 8- WeChat |
| ordinal | number of words in the pictures | 1-None, 2-rarely, 3-some, 4-moderate, 5-a great deal |
| ordinal | visual attitude affiliation | 0-unclear or could not identify, 1-negative to OCLP, 2-neutral to OCLP, 3-postive to OCLP |
| Registration information |
| scale | case number\*\* | N |
| scale | post date | The nth day |
| scale | post time | N hr M min |
| scale | delete date | The nth day |
| scale | delete time | N hr M min |
| scale | post duration | N minutes |
| scale | user ID uniqueness | N times |
| scale | user ID activeness | N times |
| dichotomous | user ID keyword HK\* | 1-Yes, 0-No |
| dichotomous | user ID keyword Hong Kong\* | 1-Yes, 0-No |
| dichotomous | user ID keyword umbrella\* | 1-Yes, 0-No |
| dichotomous | user ID keyword ribbon\* | 1-Yes, 0-No |
| dichotomous | user ID keyword occupy\*  | 1-Yes, 0-No |
| dichotomous | user ID keyword disobedience\* | 1-Yes, 0-No |
| One asterisk (“\*”) indicates that the variable’s category list has been modified.Two asterisks (“\*\*”) indicates that the variable is newly added.The missing data will be denoted as “999”. |