**ANNEX I**

Table 1 List of Twitter Hashtags and Keywords Associated with the Vinegar Protests

|  |  |  |  |
| --- | --- | --- | --- |
|  | Vinegar  | Tweets | Start Date |
| 1 | acordabrasil | 68581 |  18 Jun 2013  |
| 2 | brazilianspring | 358 |  18 Jun 2013  |
| 3 | catraca\_livre | 1512 |  13 Jun 2013  |
| 4 | catracalivre | 1515 |  13 Jun 2013  |
| 5 | changebrazil | 285385 |  16 Jun 2013  |
| 6 | chupadilma | 28200 |  16 Jun 2013  |
| 7 | contraoaumento | 7167 |  13 Jun 2013  |
| 8 | mudabrasil | 103614 |  18 Jun 2013  |
| 9 | obrasilacordou | 12411 |  18 Jun 2013  |
| 10 | ogiganteacordou | 181511 |  18 Jun 2013  |
| 11 | passe\_livre | 41810 |  13 Jun 2013  |
| 12 | passelivre | 37942 |  13 Jun 2013  |
| 13 | primaverabrasileira | 4460 |  18 Jun 2013  |
| 14 | protesto | 2210304 |  13 Jun 2013  |
| 15 | protestobh | 41651 |  17 Jun 2013  |
| 16 | protestobr | 30683 |  17 Jun 2013  |
| 17 | protestoce | 10698 |  17 Jun 2013  |
| 18 | protestoemvitoria | 1899 |  18 Jun 2013  |
| 19 | protestopelotas | 1572 |  17 Jun 2013  |
| 20 | protestopoa | 18044 |  17 Jun 2013  |
| 21 | protestorj | 114557 |  16 Jun 2013  |
| 22 | protestosp | 133260 |  13 Jun 2013  |
| 23 | revogaoaumento | 2243 |  17 Jun 2013  |
| 24 | saladuprising | 839 |  18 Jun 2013  |
| 25 | sp13j | 6366 |  13 Jun 2013  |
| 26 | sp17j | 953 |  18 Jun 2013  |
| 27 | tarifa | 455756 |  13 Jun 2013  |
| 28 | tarifa\_zero | 3767 |  13 Jun 2013  |
| 29 | tarifazero | 2166 |  13 Jun 2013  |
| 30 | todarevolucaocomeca | 2219 |  16 Jun 2013  |
| 31 | todosjuntosporumbr | 3578 |  16 Jun 2013  |
| 32 | vdevinagre | 1776 |  18 Jun 2013  |
| 33 | vemprarua | 534936 |  16 Jun 2013  |
| 34 | verasqueumfilhoteu | 603876 |  16 Jun 2013  |
| 35 | vforvinegar | 179 |  18 Jun 2013  |
|  | Number of Tweets: | 4,955,788 |  |

Table 2 Daily-Aggregated Data of Vinegar Protests with Number of Tweets, Protestors, Injuries, and Arrests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Twitter | Protestors | Injuries | Arrests |
| 13 Jun 2013 | 17728 | 17200 | 100 | 325 |
| 14 Jun 2013 | 48818 | NA | NA | NA |
| 15 Jun 2013 | 25605 | NA | NA | NA |
| 16 Jun 2013 | 39857 | NA | NA | NA |
| 17 Jun 2013 | 265774 | 275000 | 4 | 5 |
| 18 Jun 2013 | 294257 | 130500 | NA | 63 |
| 19 Jun 2013 | 180496 | 152000 | NA | 3 |
| 20 Jun 2013 | 33365 | 1569150 | 78 | 52 |
| 21 Jun 2013 | 33728 | 330450 | NA | 27 |
| 22 Jun 2013 | 20696 | 52500 | NA | 5 |
| 23 Jun 2013 | 14594 | 4000 | NA | NA |
| 24 Jun 2013 | 13036 | 8650 | 2 | NA |
| 25 Jun 2013 | 12166 | 11000 | NA | 35 |
| 26 Jun 2013 | 17069 | 88500 | NA | 1 |
| 27 Jun 2013 | 13342 | 4150 | 4 | 8 |
| 28 Jun 2013 | 10626 | 9500 | NA | NA |
| 29 Jun 2013 | 8525 | NA | NA | NA |