**Table 1. Examples of ranked terms and collocations from tweets discussing infertility and coronavirus.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rank | -2 | -1 | +1 | +2 |
|  | brain fog | affected by the SARS-Cov2 | brag | amazing |
|  | bitch | affecting | boom | best |
|  | apocalyptic | affects | better | DOES NOT |
|  | abnormally shaped sperm | affects sperm quality | avoid | Enjoy |
|  | affected | aggravated | adequate | excellent |
|  | alarm | bad | alright | good reason |
|  | annihilation | ADVERSE REACTION | amusing | great |
|  | cancer | affect | have babies | Hope |
|  | catastrophic | affect fertility | having a baby | love |
|  | chaos | affect fertility | effective | luck |
|  | clot | affect of | excites | safe |
|  | control of the population | abortion | Good | safely |
|  | crap | alter | gratitude | safety |
|  | crisis | autism | care | save |
|  | decreased motility | anti-fertility | insight | Saving lives |
|  | decreased sperm | bump | inspiration |  |
|  | deformed sperm | came down | interesting | no evidence |
|  | Dead | can cause | Ironic | no indication |
|  | death | can impact | irony | no link |
|  | decimating | can lead | help | recover |
|  | culprit | can mess | How ironic | stay alive |
|  | damage | being sick | improved | survivor |
|  | destruction | birth defect | increased | thanks |
|  | die | catch covid | mitigation | truth |
|  | died | cause | population growth |  |
|  | disastrous | caused by | no reason |  |
|  | disinformation | causes | prevent |  |
|  | disruptive | causing | reassuring |  |
|  | dumb | competing | struggle |  |
|  | dying | complication | struggling |  |
|  | fetal abnormalities | conspiracy | stopped |  |
|  | FUCK | contracted covid | support |  |
|  | fucked | Contracting COVID-19 | surprise |  |
|  | fucking | COVID poses | wonder |  |
|  | heartbreaking | culling |  |  |
|  | heart attack | deteriorate |  |  |
|  | grieving | diabetes |  |  |
|  | global threat | Depopulation |  |  |
|  | globalist | Destroy |  |  |
|  | effects on | degrowth |  |  |
|  | emergency | delay |  |  |
|  | ending | Demyelinating |  |  |
|  | erectile dysfunction | denier |  |  |
|  | Evil | decrease |  |  |
|  | fail | decreased |  |  |
|  | fake | damaging |  |  |
|  | GOT DAMN | dangerous |  |  |
|  | infertile | dysfunction |  |  |
|  | infertility | dysmenorrhea |  |  |
|  | inflammation | effect is small |  |  |
|  | INSANE | Effect of COVID-19 |  |  |
|  | hell | effect on |  |  |
|  | horrendous | don't know |  |  |
|  | horrific | dropping |  |  |
|  | ignoring | due to |  |  |
|  | IS CAUSING | diminished |  |  |
|  | mass-casualty | disability |  |  |
|  | lowest fertility | disablement |  |  |
|  | lower sperm count | disagree |  |  |
|  | lost the battle | disappointed |  |  |
|  | kill | disorder |  |  |
|  | LIE | dizziness |  |  |
|  | long Covid | fallen |  |  |
|  | Long Covid effects | fatigue |  |  |
|  | lowers fertility | fault |  |  |
|  | Malignant | fear |  |  |
|  | microchip | fertility issues |  |  |
|  | miscarriage | Having COVID-19 |  |  |
|  | mortality | health issues |  |  |
|  | nazi | heart attack |  |  |
|  | negative effects | had Covid |  |  |
|  | not able to get pregnant | hard |  |  |
|  | OMG | exacerbating |  |  |
|  | pandemic | garbage |  |  |
|  | profound | get covid |  |  |
|  | pathological | Getting Covid |  |  |
|  | pathology | getting seriously ill |  |  |
|  | paralysis | got covid |  |  |
|  | plague | heart disease |  |  |
|  | plummeting | ill |  |  |
|  | poison | illness |  |  |
|  | pulmonary embolism | impact |  |  |
|  | reduced fertility | impact on |  |  |
|  | reduce | impaired |  |  |
|  | reduction | impairment |  |  |
|  | shit | is effecting |  |  |
|  | shorten lifespans | is linked |  |  |
|  | shout | is messing |  |  |
|  | testicular abnormalities | issue |  |  |
|  | testicular pathology | issues |  |  |
|  | starvation | issues |  |  |
|  | sterility | inaccurate |  |  |
|  | sterilization | inconvenient |  |  |
|  | stolen | increase |  |  |
|  | stroke | increased risk |  |  |
|  | swamp | hoax |  |  |
|  | Too bad | hospitalization |  |  |
|  | vaxxer | hospitalized |  |  |
|  | war | long term |  |  |
|  | war | long term covid |  |  |
|  | wipe out | Long term effect |  |  |
|  | worst | loser |  |  |
|  | wreck | long-term |  |  |
|  |  | may be a factor |  |  |
|  |  | May Be Messing |  |  |
|  |  | may lead |  |  |
|  |  | maybe |  |  |
|  |  | memory loss |  |  |
|  |  | messes |  |  |
|  |  | messing |  |  |
|  |  | malicious |  |  |
|  |  | lower the global population |  |  |
|  |  | lead to |  |  |
|  |  | lied |  |  |
|  |  | linked to |  |  |
|  |  | Linking |  |  |
|  |  | low fertility |  |  |
|  |  | lower population growth |  |  |
|  |  | multiple sclerosis |  |  |
|  |  | myocarditis |  |  |
|  |  | misinformation |  |  |
|  |  | misinformed |  |  |
|  |  | misleading |  |  |
|  |  | misleadingly |  |  |
|  |  | might affect |  |  |
|  |  | might diminish |  |  |
|  |  | might effect |  |  |
|  |  | might lead |  |  |
|  |  | Migraine |  |  |
|  |  | prominent effect |  |  |
|  |  | problem |  |  |
|  |  | possible |  |  |
|  |  | potentially doing |  |  |
|  |  | potentially negative effect |  |  |
|  |  | population decline |  |  |
|  |  | pass the blame |  |  |
|  |  | pericarditis |  |  |
|  |  | Not enough research |  |  |
|  |  | Myocarditis |  |  |
|  |  | negatively |  |  |
|  |  | negatively effects |  |  |
|  |  | no studies |  |  |
|  |  | non-reproductive |  |  |
|  |  | not being able |  |  |
|  |  | overpopulation |  |  |
|  |  | related to |  |  |
|  |  | reluctant |  |  |
|  |  | rigged |  |  |
|  |  | rise of infectious diseases |  |  |
|  |  | risk |  |  |
|  |  | rumour |  |  |
|  |  | put people off having kids |  |  |
|  |  | refused |  |  |
|  |  | scarring |  |  |
|  |  | severe |  |  |
|  |  | sex drive loss |  |  |
|  |  | sharply rising |  |  |
|  |  | Shrinking population |  |  |
|  |  | tanking |  |  |
|  |  | Stupid |  |  |
|  |  | suffer |  |  |
|  |  | side effect |  |  |
|  |  | side effects |  |  |
|  |  | so-called |  |  |
|  |  | Sorry |  |  |
|  |  | strain |  |  |
|  |  | stress |  |  |
|  |  | wrong |  |  |
|  |  | worsened |  |  |
|  |  | threat |  |  |
|  |  | thrombosis |  |  |
|  |  | tired |  |  |
|  |  | weakened |  |  |
|  |  | weird |  |  |
|  |  | Wild |  |  |
|  |  | worried |  |  |
|  |  | worse |  |  |