Note:

* Relationship between high positivity vs high subjectivity -> correlates to accuracy (relevancy to dark matter + accuracy)
* By platform

Polarity scores are numerical values that range from -1 to 1, where -1 indicates a very negative sentiment, 0 indicates a neutral sentiment, and 1 indicates a very positive sentiment.

Subjectivity scores are numerical values that range from 0 to 1, where 0 indicates a very objective text, and 1 indicates a very subjective text. Objective texts are based on facts, evidence, or logic, while subjective texts are based on opinions, feelings, or personal views.

**Polarity**

* Overwhelmingly positive: Youtube videos, Reddit, Facebook posts
* Relatively more positive: Instagram posts, Instagram reels
* Relatively more negative: Youtube shorts
* No correlation to conclude: TikTok

**Polarity vs Subjectivity**

* Plot mean and standard deviation (use ranges of subjectivity)

## Youtube

### Videos

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | positive 726  negative 555  neutral 317 |
| Samples | Top 5 with highest polarity scores  162 4:08 love your pronunciation of quantum mechanics!!!!  191 Thank you for these wonderful documentaries offered free...beautiful  272 Brilliant!!!  296 Love all your videos, jaw-dropping facts and visuals! So informative, so well put together! Thx!!!  305 Great speaker!?  Top 5 with highest polarity and subjectivity scores  191 Thank you for these wonderful documentaries offered free...beautiful  272 Brilliant!!!  328 How do you know all of this? You must be an astrophysicist. Excellent job Sea.  864 wonderful education?  909 Sabine is awesome, really awesome  Top 5 with lowest polarity scores  110 the thumbnail is just evil worms on strings  383 Yawn, boring as dark-anything is  1326 I never knew how insane science?? could get until I started watching your videos.  1152 I HATE THESE SHOWS THAT DON'T TALK ABOUT ANYTHING THAT THERE TITLE SUGGEST  459 Too bad the BARRY-1 satellite didn't get a chance to test out the Quantum Drive. Supposedly modified inertia could explain faster moving outer edges of galaxies.  Top 5 with lowest polarity and subjectivity scores  110 the thumbnail is just evil worms on strings  383 Yawn, boring as dark-anything is  1326 I never knew how insane science?? could get until I started watching your videos.  1152 I HATE THESE SHOWS THAT DON'T TALK ABOUT ANYTHING THAT THERE TITLE SUGGEST  459 Too bad the BARRY-1 satellite didn't get a chance to test out the Quantum Drive. Supposedly modified inertia could explain faster moving outer edges of galaxies. |

### Shorts

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | neutral 465  negative 437  positive 421 |
| Samples | Top 5 with highest polarity scores  180 Allah Knows the best!  393 I didn't know Hobo Johnson was Into these things....now ur awesome idc what they say about ur music  781 awesome discovery ???  989 Best video!!!!  1020 Superb  Top 5 with highest polarity and subjectivity scores  393 I didn't know Hobo Johnson was Into these things....now ur awesome idc what they say about ur music  781 awesome discovery ???  1020 Superb  1029 God made it perfect  180 Allah Knows the best!  Top 5 with lowest polarity scores  222 DeGrassy I have mad respect for you, but you can talk to me about quantum mechanics and neutrinos and all that stuff. And I would like ???????????? ? smack me with some quarks!!!  1026 The shocking truth is that all of these are made of two chemical elements, helium and hydrogen  461 This guys an Idiot I just saw another vid of saying Theress no God because we dont know anything. ??  475 I dont think casting has been the problem with marek moves. The scripts are the problem combined with the woke crap that still permeates within their writers.  895 bro this duds kurtz made one video nd now all these idiots got ither idiots panicking  Top 5 with lowest polarity and subjectivity scores  222 DeGrassy I have mad respect for you, but you can talk to me about quantum mechanics and neutrinos and all that stuff. And I would like ???????????? ? smack me with some quarks!!!  1026 The shocking truth is that all of these are made of two chemical elements, helium and hydrogen  461 This guys an Idiot I just saw another vid of saying Theress no God because we dont know anything. ??  475 I dont think casting has been the problem with marek moves. The scripts are the problem combined with the woke crap that still permeates within their writers.  895 bro this duds kurtz made one video nd now all these idiots got ither idiots panicking |

## Instagram

### Posts

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | positive 196  neutral 173  negative 136 |
| Samples | Top 5 with highest polarity scores  91 Incredible share! ððððâ¤ï¸  364 Great display ðððð!  57 @heavensno.hellyeah the best comment lol  428 Would be cool to mention axions!!!!  416 This is so beautiful â¤ï¸  Top 5 with highest polarity and subjectivity scores  91 Incredible share! ððððâ¤ï¸  364 Great display ðððð!  57 @heavensno.hellyeah the best comment lol  428 Would be cool to mention axions!!!!  416 This is so beautiful â¤ï¸  Top 5 with lowest polarity scores  163 I thought it was just a very disgusting jelly bean variety pack  22 Bwhahahahahahaha letâs post random nonsense, no peer review required!! ð  180 @mlp\_changewind\_snowstorm Iâm afraid youâve not quite understood whatâs being said. I suggest you reread the statement.  194 Why cold?  427 ð¥ð¥ð¥ð¥ it's crazy  Top 5 with lowest polarity and subjectivity scores  163 I thought it was just a very disgusting jelly bean variety pack  22 Bwhahahahahahaha letâs post random nonsense, no peer review required!! ð  501 We donât fucking know what it is but itâs there.  180 @mlp\_changewind\_snowstorm Iâm afraid youâve not quite understood whatâs being said. I suggest you reread the statement.  427 ð¥ð¥ð¥ð¥ it's crazy |

### Reels

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | positive 238  neutral 186  negative 174 |
| Samples | Top 5 with highest polarity scores  419 Brilliance is beautiful!  537 thats awesome ððâ¨  567 <https://www.readease.in/read/dark_energy_and_dark_matter>. One of the best explanation.  439 @philipreagles1 good question that we're still working on!  27 Great  Top 5 with highest polarity and subjectivity scores  419 Brilliance is beautiful!  537 thats awesome ððâ¨  567 <https://www.readease.in/read/dark_energy_and_dark_matter>. One of the best explanation.  439 @philipreagles1 good question that we're still working on!  27 Great  Top 5 with lowest polarity scores  421 When you have an evil twin, they usually consider you their evil twin.  425 Would it not be impossible to find anti matter in the matter universe  138 They said I was crazy ??  124 That's very outdated theory bruhh  64 Sorry but you think you know 20%? Is this a joke?  Top 5 with lowest polarity and subjectivity scores  421 When you have an evil twin, they usually consider you their evil twin.  425 Would it not be impossible to find anti matter in the matter universe  138 They said I was crazy ??  124 That's very outdated theory bruhh  153 12 th fail?? |

## Reddit

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | positive 777  negative 453  neutral 222 |
| Samples | Top 5 with highest polarity scores  394 Excellently put.  887 Agree. This sub's comments section is a perfect afterlunch dessert for my ADHD  1205 The depth of Redditors summed so perfectly in one shitty post.  1237 I guess r/theoreticalphysics would be your best shot on reddit  1369 But you know you don't understand, instead of not knowing what you don't know :D  Top 5 with highest polarity and subjectivity scores  394 Excellently put.  887 Agree. This sub's comments section is a perfect afterlunch dessert for my ADHD  1205 The depth of Redditors summed so perfectly in one shitty post.  1369 But you know you don't understand, instead of not knowing what you don't know :D  1237 I guess r/theoreticalphysics would be your best shot on reddit  Top 5 with lowest polarity scores  1235 I can hear Attenborough now: Life was fairly boring until the humans found DMT...  489 yes im a NERD\n\nNaloxone Addicts\nEdging \nRetarded\nDonkeys  530 sick of this dark matter bullshit. just fucking say we dont know, but think maybe theres invisible crap we cant see or measure (prove) in any way, but we are calling this non-existent thing dark matter as if it IS something the plebes will fall in line need a sub r/ wedontknow  937 That's a horrendously badly written article.  704 You spelled 42 wrong  Top 5 with lowest polarity and subjectivity scores  1235 I can hear Attenborough now: Life was fairly boring until the humans found DMT...  489 yes im a NERD\n\nNaloxone Addicts\nEdging \nRetarded\nDonkeys  530 sick of this dark matter bullshit. just fucking say we dont know, but think maybe theres invisible crap we cant see or measure (prove) in any way, but we are calling this non-existent thing dark matter as if it IS something the plebes will fall in line need a sub r/ wedontknow  937 That's a horrendously badly written article.  1213 Thats not how you play the game! |

## TikTok

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | neutral 574  positive 479  negative 471 |
| Samples | Top 5 with highest polarity scores  643 @uh.ria4 this is the best thing iâve ever heard bye, in my knowledge era rn  696 Awesome explanation and video reference  925 that's awesome..  1008 That sounds like the best job.  1046 Youâre an awesome communicator  Top 5 with highest polarity and subjectivity scores  696 Awesome explanation and video reference  925 that's awesome..  1046 Youâre an awesome communicator  1061 excellent explanation, thank you!  643 @uh.ria4 this is the best thing iâve ever heard bye, in my knowledge era rn  Top 5 with lowest polarity scores  281 Holy crap! You have the dumbest people commenting on this for some reason.  1438 So what Iâm getting here is weâre supposed to be evil  1483 thats terrifying ð³â  1195 I am obsessed with all of your chaotic/random content!!! ð  358 i swear to god i saw these in my space book at school btw i didnt go to my pe because of my hand :(  Top 5 with lowest polarity and subjectivity scores  281 Holy crap! You have the dumbest people commenting on this for some reason.  1438 So what Iâm getting here is weâre supposed to be evil  1483 thats terrifying ð³â  1195 I am obsessed with all of your chaotic/random content!!! ð  358 i swear to god i saw these in my space book at school btw i didnt go to my pe because of my hand :( |

## Facebook

### Posts

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment | positive 178  neutral 123  negative 110 |
| Samples | Top 5 with highest polarity scores  134 Even in 30 years of service Hubble space talescope is still the best ðð  159 Very beautiful ð  168 Moon very very beautiful is God fo gift pls  181 So awesome --- congrats Blake Crouch - can't wait  280 The Lord is the greatest! ???? ????!  Top 5 with highest polarity and subjectivity scores  159 Very beautiful ð  168 Moon very very beautiful is God fo gift pls  181 So awesome --- congrats Blake Crouch - can't wait  280 The Lord is the greatest! ???? ????!  361 Awesome information !!  Top 5 with lowest polarity scores  110 The silly nonsense keeps on coming!!!  43 Why is there no working model of the universe that takes rigid body rotation physics into account? Itâs impossible and doesnât work.  86 The Theory of Relatability has been broken for years! Ever see the movie Interstellar?? I rest my case!  31 Yet theyve never found it or proven its existence this is merely modeling, of the plasma universe.  48 Just like inside trump brain, just a bunch of clutter! Sorry couldnt resist.  Top 5 with lowest polarity and subjectivity scores  110 The silly nonsense keeps on coming!!!  43 Why is there no working model of the universe that takes rigid body rotation physics into account? Itâs impossible and doesnât work.  86 The Theory of Relatability has been broken for years! Ever see the movie Interstellar?? I rest my case!  31 Yet theyve never found it or proven its existence this is merely modeling, of the plasma universe.  254 Or maybe they got it wrong. |

### Reels

| Length |  |
| --- | --- |
| Word frequency |  |
| Sentiment |  |
| Samples | Top 5 with highest polarity scores  Top 5 with highest polarity and subjectivity scores  Top 5 with lowest polarity scores  Top 5 with lowest polarity and subjectivity scores |



