



### What is it?

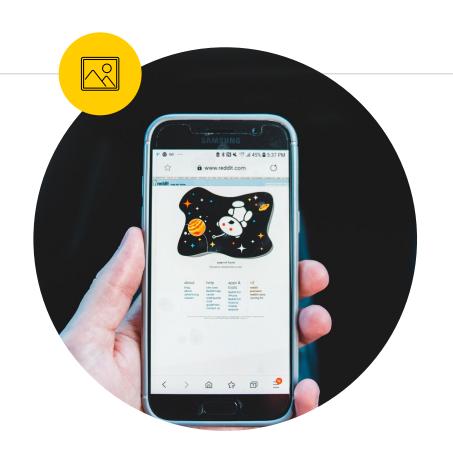
- High-intensity interval training
- Olympic Weightlifting
- Powerlifting
- Gymnastics
- Cardio
- Strongman









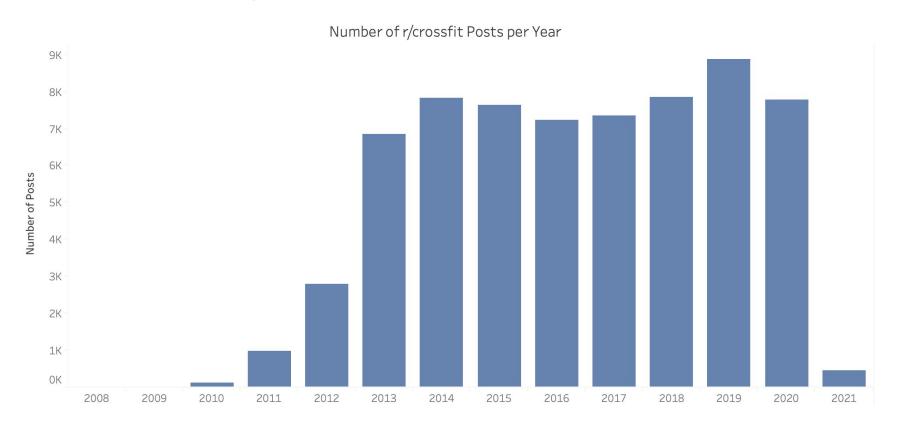


### r/crossfit

- Created December 2008
- 232K members
- 65,792 submissions

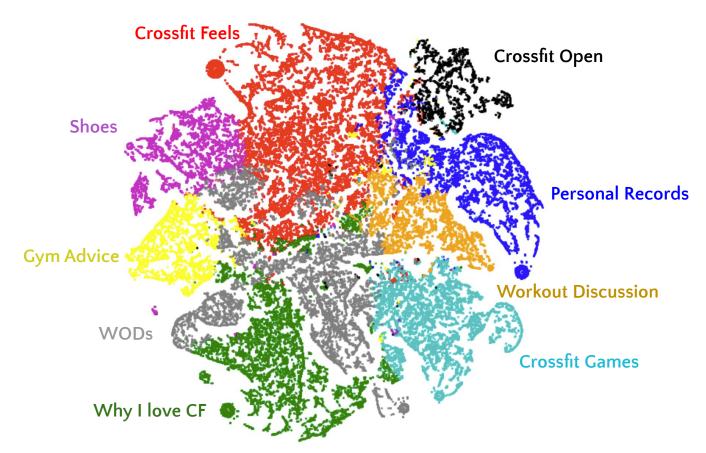


# Number of r/crossfit posts per year correlates with peak growth in 2019





#### **TFIDF + NMF Model**





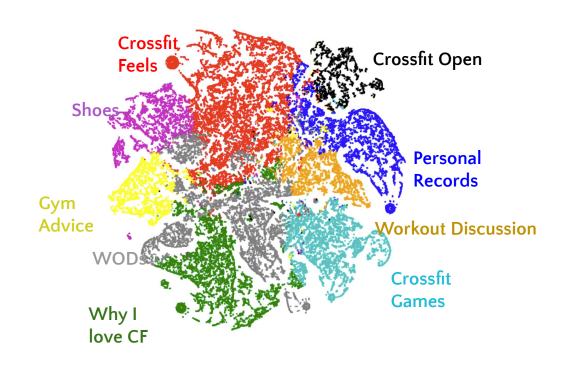
feel, weight, muscle, strength, body

shoe, metcon, nano, reebok, nike

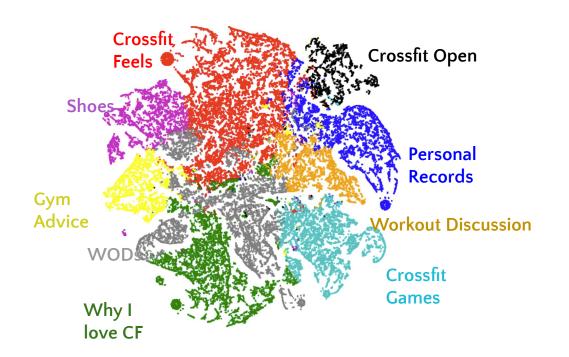
gym, box, look, coach, jump

wod, run, round, burpee, hero

crossfit, month, love, fitness, training



# TFIDF + NMF Model



open, video, score, movement, regional

squat, clean, snatch, pr, bar

workout, daily, thread, question, journal

game, event, athlete, regional, watch

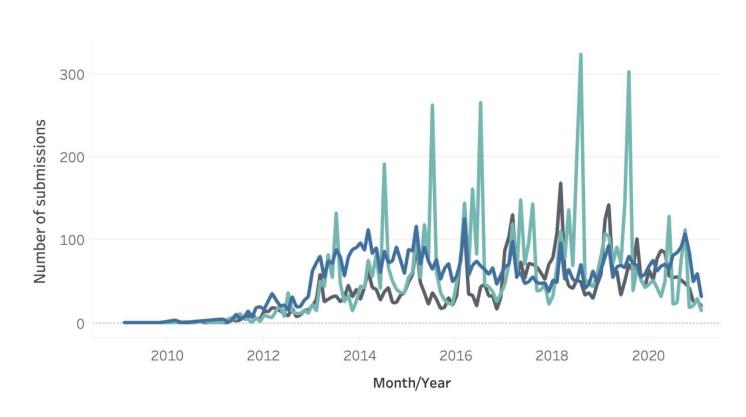


# Personal Records coincide with Crossfit Open and Games Activity



CF Games

CF Open





# Personal Records often ask for and receive feedback



### **Top 10 Words**

squat clean snatch pr bar

jerk power deadlift overhead "206 kg (455 lbs) lifetime PR. Sumo isn't very CrossFit, but I was feeling strong with it; critiques not related to my funny face welcome!"



"165 lb, how is the form?"



"Missed snatch PR at 235 pounds. Not every lift is a good one. I know I am going to get this real soon"



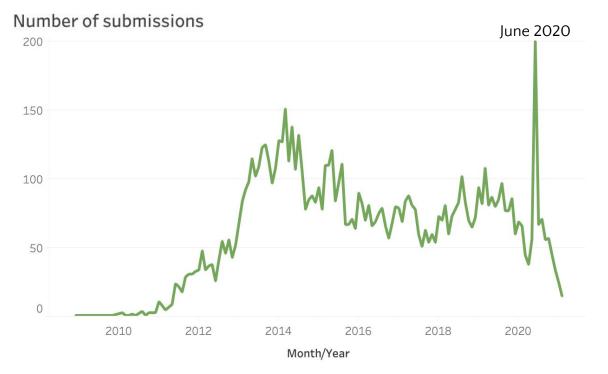
# Glassman issue presented in "I love Crossfit" topic



## Top 10 Words

crossfit
month
love
fitness
training
people
join
community
sport

# "I love crossfit, but am embarrassed for glassman"





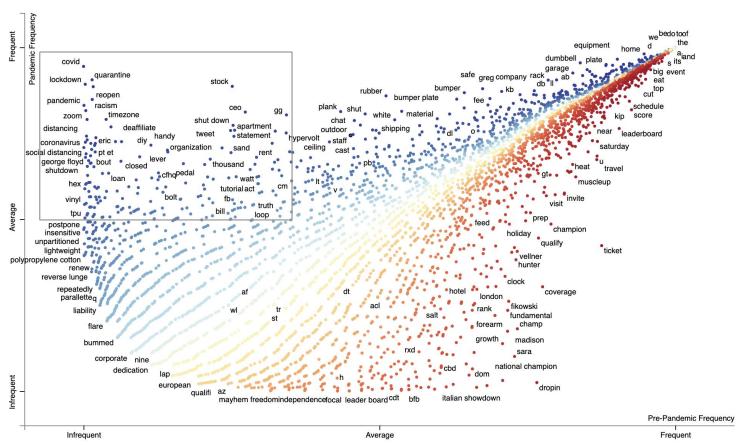
### Word frequency (Pandemic vs Pre-pandemic)

Top Pandemic Word Frequency Subjects

Quarantine

Racism

Equipment



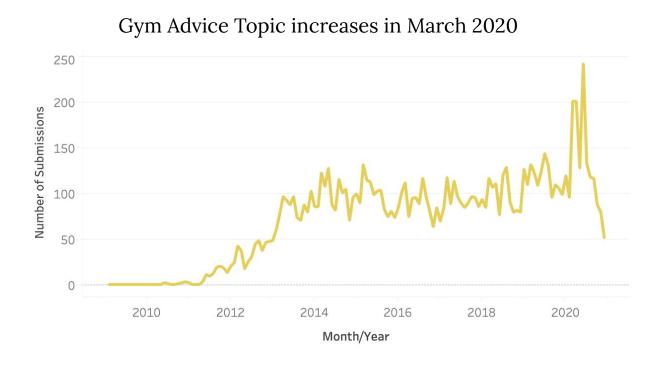


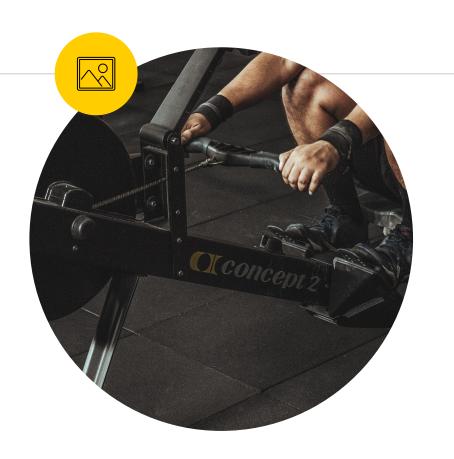
# Crossfit redditors looking for programming and have equipment



#### **Top 10 Words**

gym
box
look
coach
jump
class
area
owner
people
programming





#### Conclusion

- Online crossfit community can be an opportunity for crossfit gyms to offer their services remotely, especially coaching
  - Increased personal athlete equipment a plus
- Gym owners can be intentional about their stance against racism

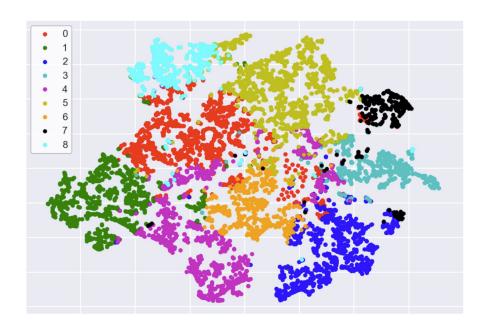


# Thanks!

Any questions?



#### **Pre-Pandemic**



### **Pandemic**

