

# 1. STORY

## 2. MOST FREQUENT WORDS

Term	Number of Tweets
russia	143224
invade	129676
ukraine	95220
t.co	43164
https	38846
putin	19796
â	17379
nato	17291
öý	15970
biden	15294
war	12321
russian	9774
invasion	5337

@MaximeBernier

@bbcROsaTKINS

@alexwbward

@RaechBlevins

@BBCNewsnight

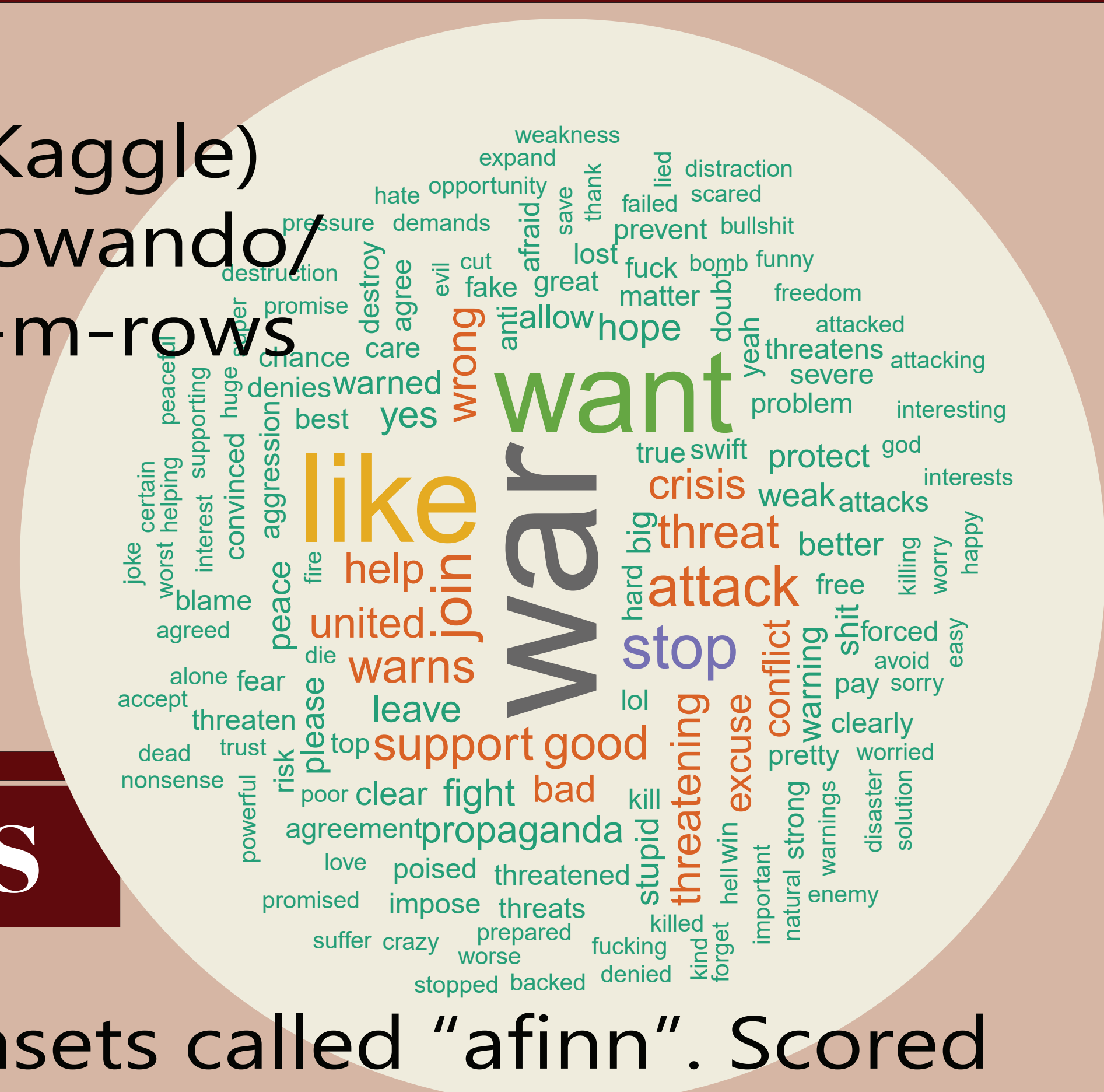
@drothkopf

@Cernovich

### 3. NUMBER OF TWEETS

Week	Number of New Cases
0	~10,000
1	~50,000
2	~100,000
3	~250,000
4	~650,000
5	~150,000
6	~500,000
7	~2,550,000

Size : 29 Columns and 170835 Rows



## 5. SENTIMENT ANALYSIS

**Afinn Sentiment Analysis**

country

- Russia
- Ukraine

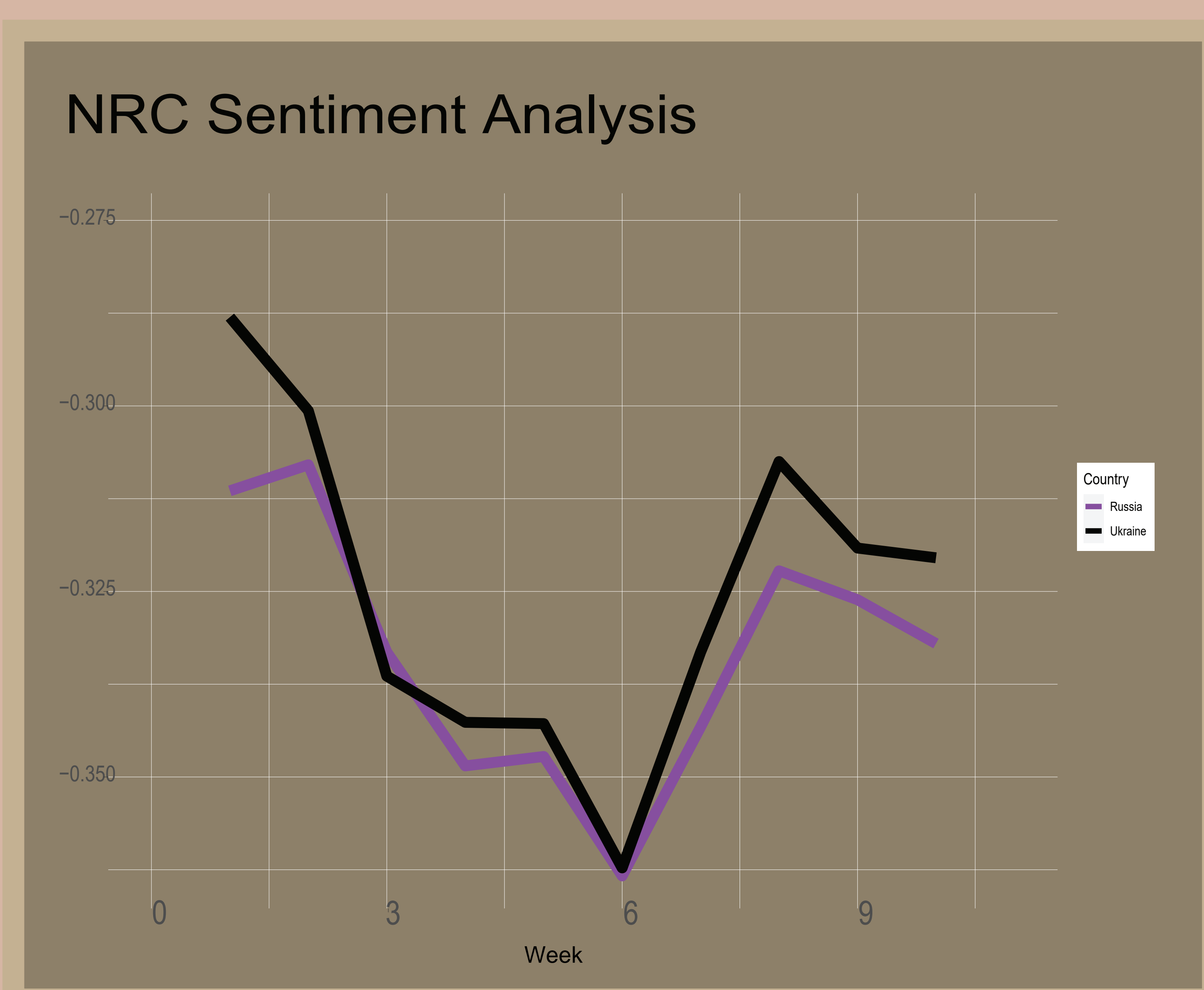
Week

PRE WAR POST WAR

1:03 p.m. ET, January 31, 2022  
**US Ambassador to UN: Russia intends to amass 30,000 troops near Belarus-Ukraine border by early February**  
 From CNN's Jennifer Hansler

8:45 p.m. ET, February 25, 2022  
**"We are all here" Zelensky pledges to defend Ukraine in Facebook video from streets of Kyiv**  
 "We are here. We are in Kyiv. We are defending Ukraine."

Week	Russia (Sentiment)	Ukraine (Sentiment)
0	-1000	-1000
1	-2000	-2000
2	-8000	-8000
3	-12000	-12000
4	-15000	-15000
5	-10000	-10000
6	-12000	-12000
7	-18000	-18000
8	-15000	-15000
9	-18000	-18000
10	-5000	-5000



Used different data set for a comparison. Each words are valued by eight basic emotions, but extracted the words with "positive" and "negative" and calculated their sentiment by Positive-Negative. Made an average by week.

## 4. RETWEETS, LIKES, REPLY, QUOTE

A line graph showing the average like count over a 5-week period. The x-axis is labeled 'Week' and ranges from 0 to 5. The y-axis is labeled 'avg. likeCount' and ranges from 40 to 100. The line starts at approximately 35 in week 1, rises to 75 in week 2, dips slightly to 72 in week 3, peaks at 105 in week 4, and ends at 90 in week 5.

Week	avg. likeCount
1	35
2	75
3	72
4	105
5	90

to see the  
general  
agreement  
of the people  
on invasion  
before the war

- RetweetCount
- ReplyCount
- QuoteCount