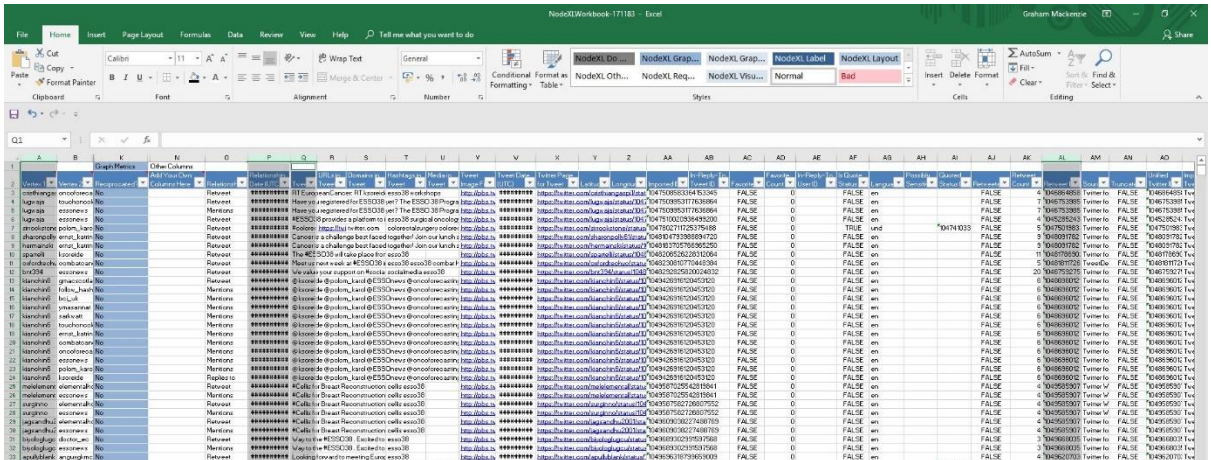
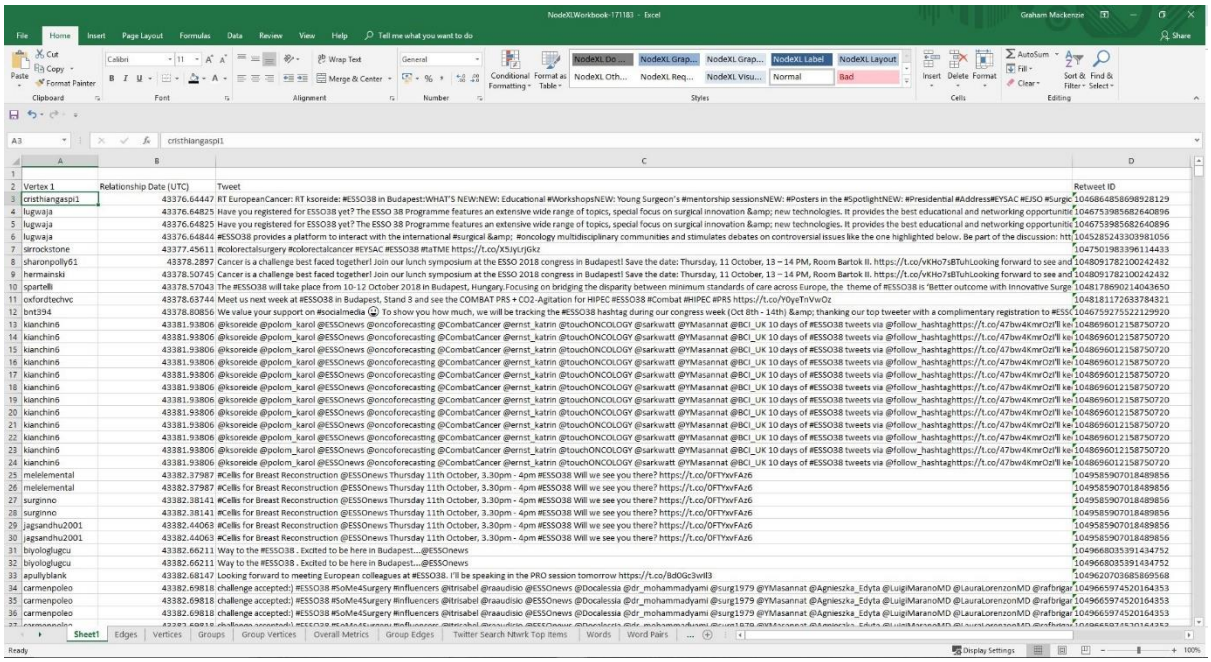
Extracting detail on retweets from NodeXL files (by Graham Mackenzie @gmacscotland, 13 October 2018)

An approach to describing retweets in more detail. This approach complements my approach to using NodeXL data to analyse number of tweets, tweeters and "top tweets". The summary below uses data stored in the following NodeXL report: http://nodexlgraphgallery.org/Pages/Graph.aspx?graphID=171183. Scroll down to the bottom of that NodeXL report to download the NodeXL workbook.

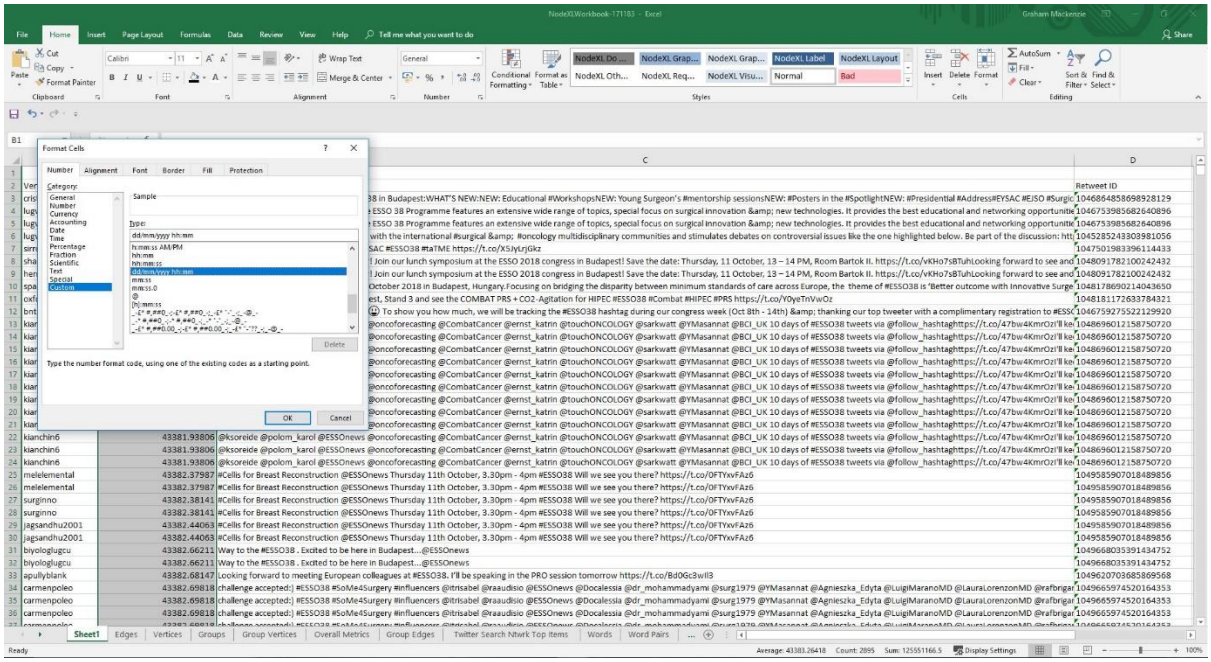
1. Select 4 columns from "edges" worksheet: Vertex 1, relationship date, tweet and retweet ID.



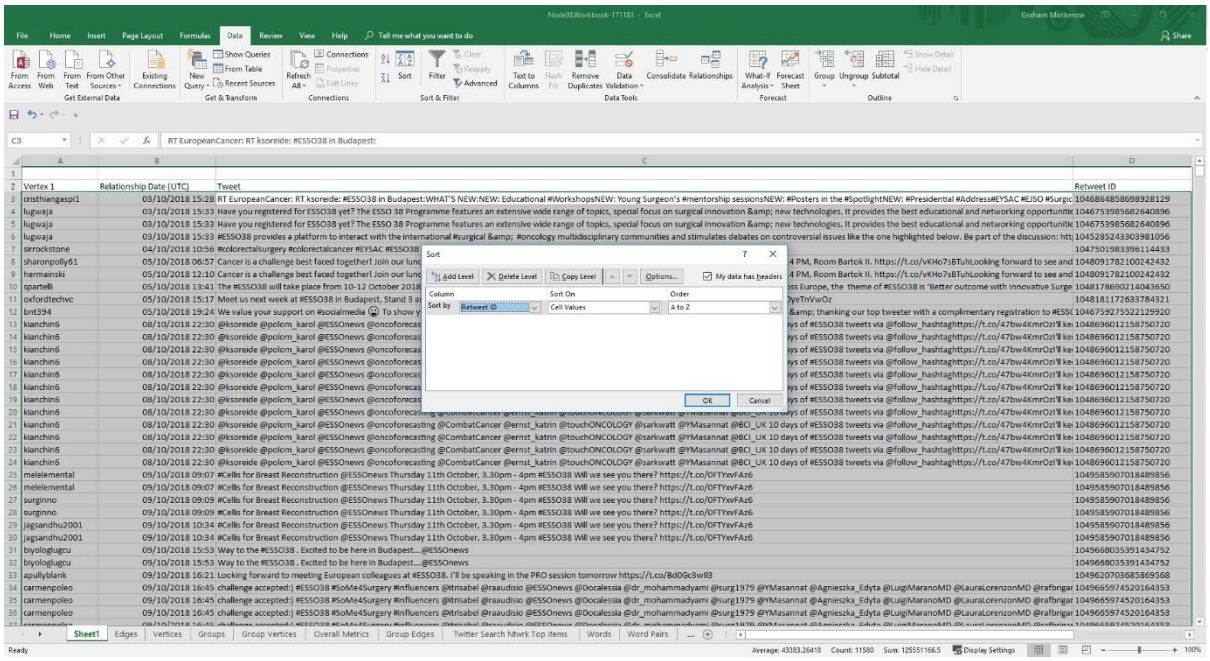
2. Paste these 4 columns into a new worksheet and have a look at the results. You'll see in a comparison of date, time and retweeter that some retweets have multiple copies. We'll need to remove these duplicates.



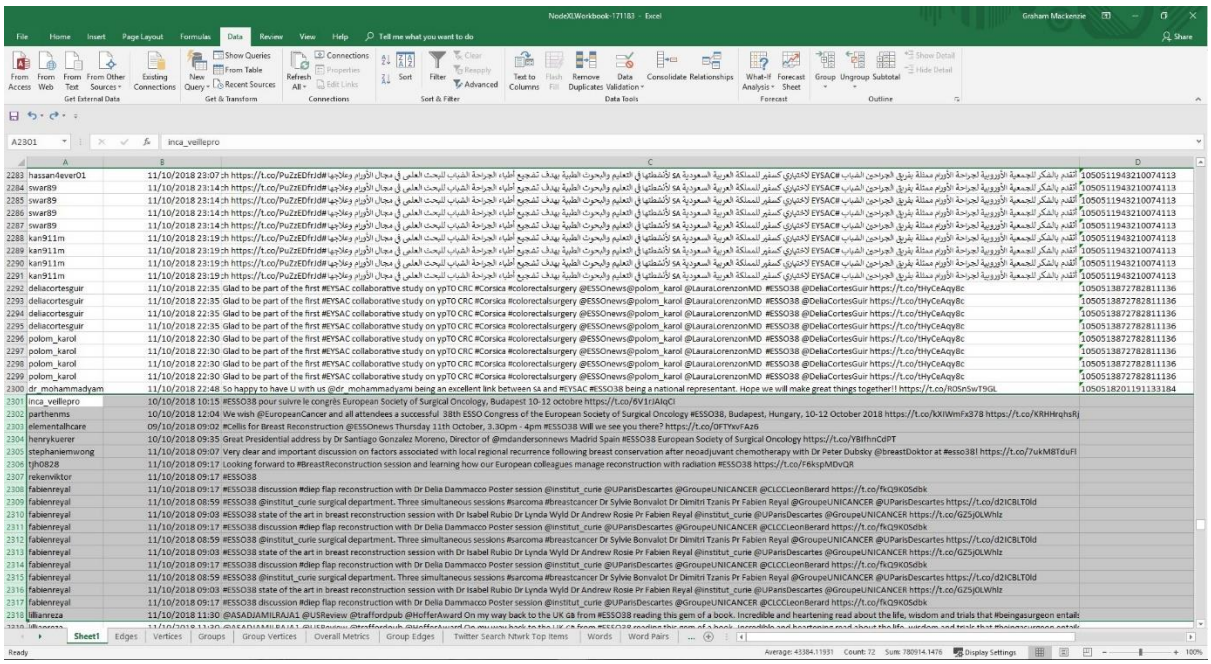
3. Format the date column using the "custom" option that shows date and time together.



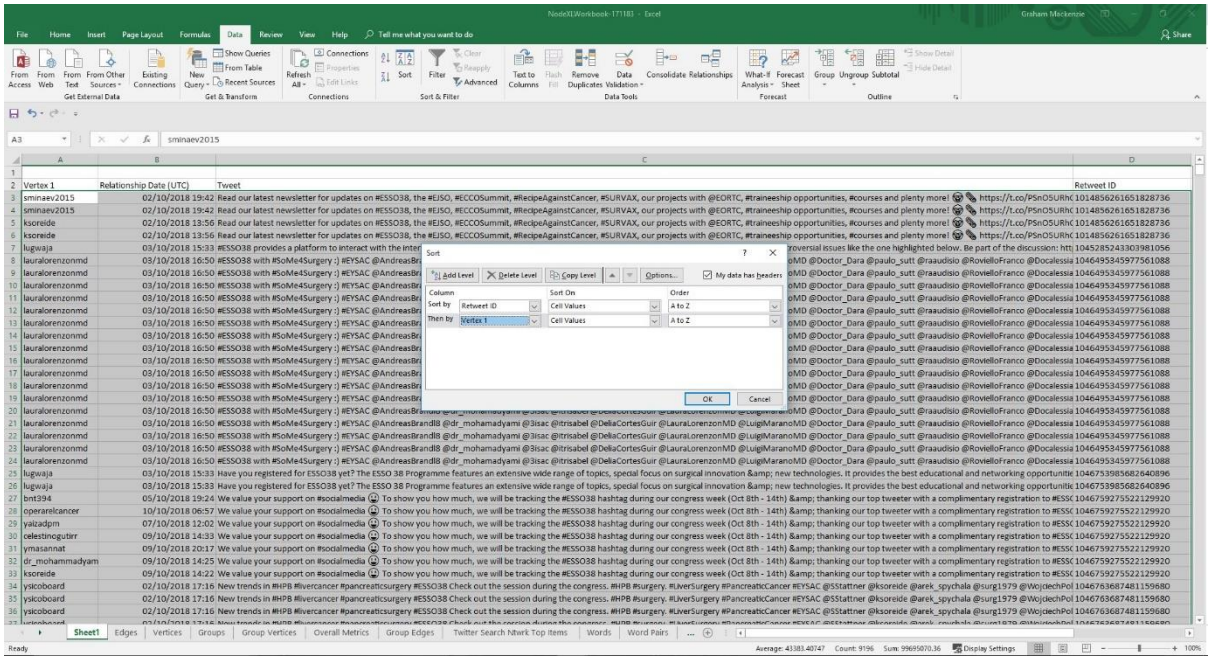
4. Sort out the retweets by sorting by retweet ID (tweets don't have a retweet ID and we're going to separate them).



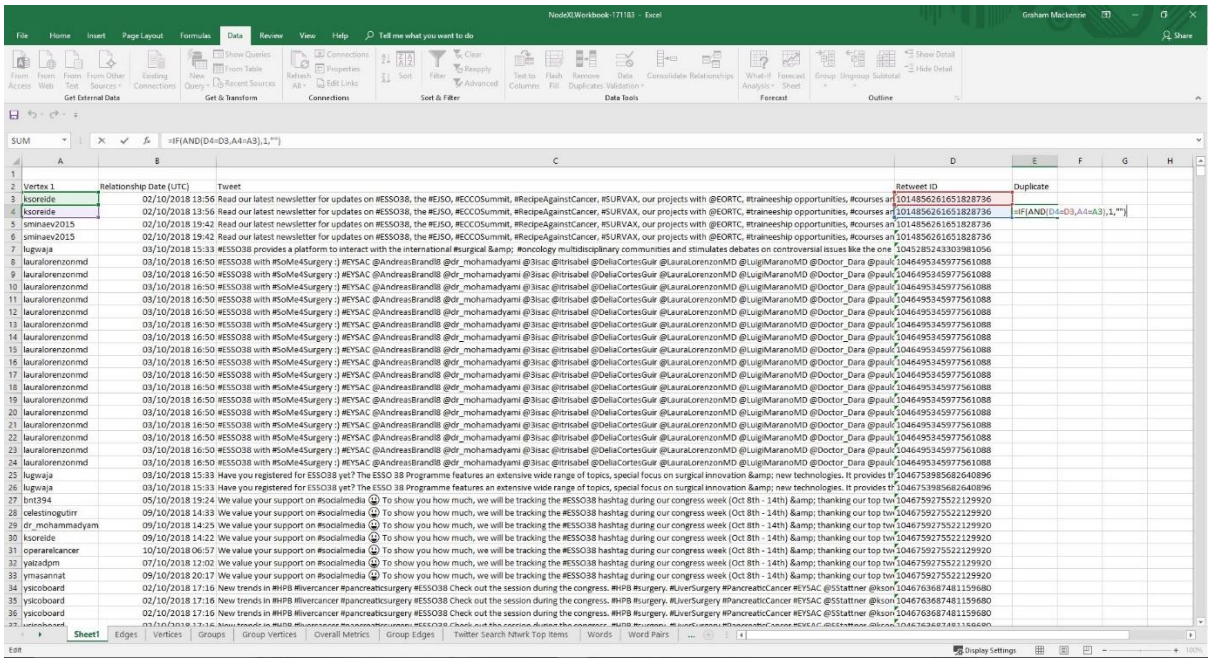
5. Remove the tweets, keeping just the retweets.



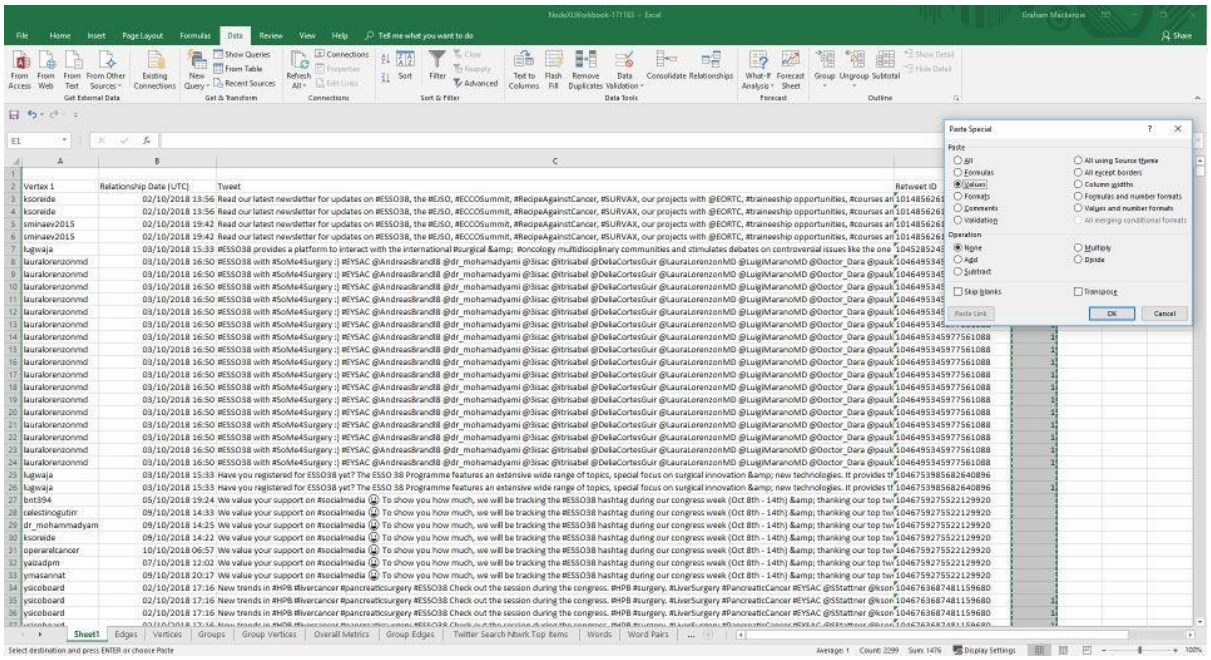
6. Sort by retweet ID and retweeter.



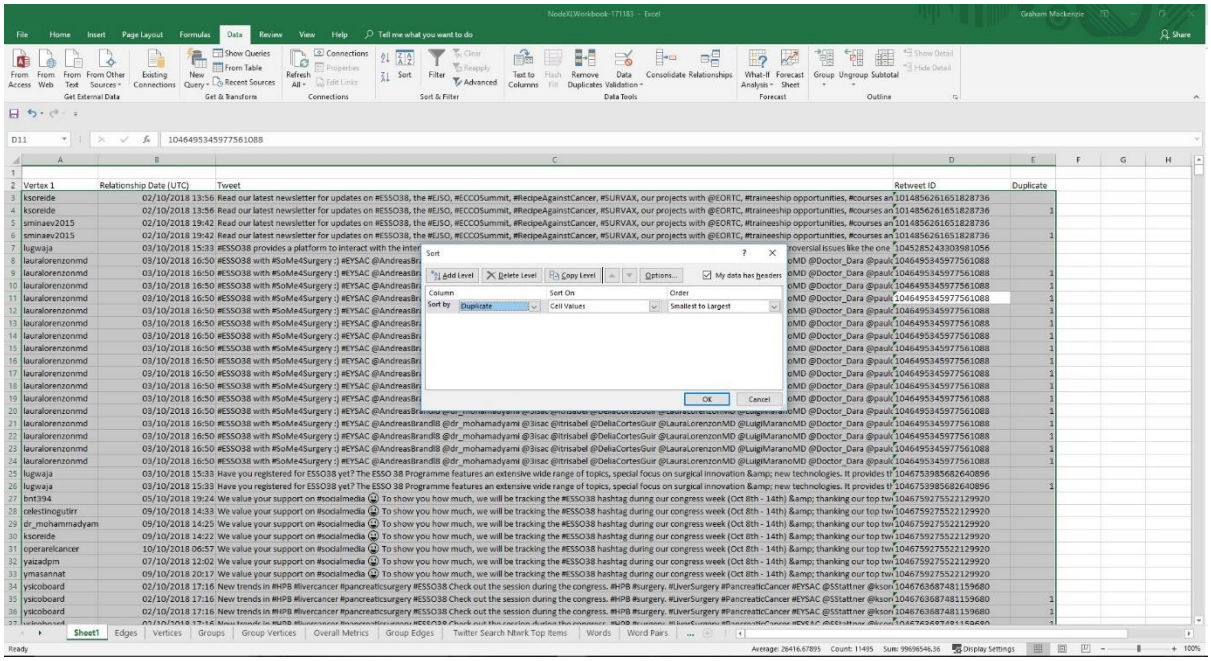
7. Identify the duplicates by identifying where the retweet ID and the retweeter are the same on successive rows.



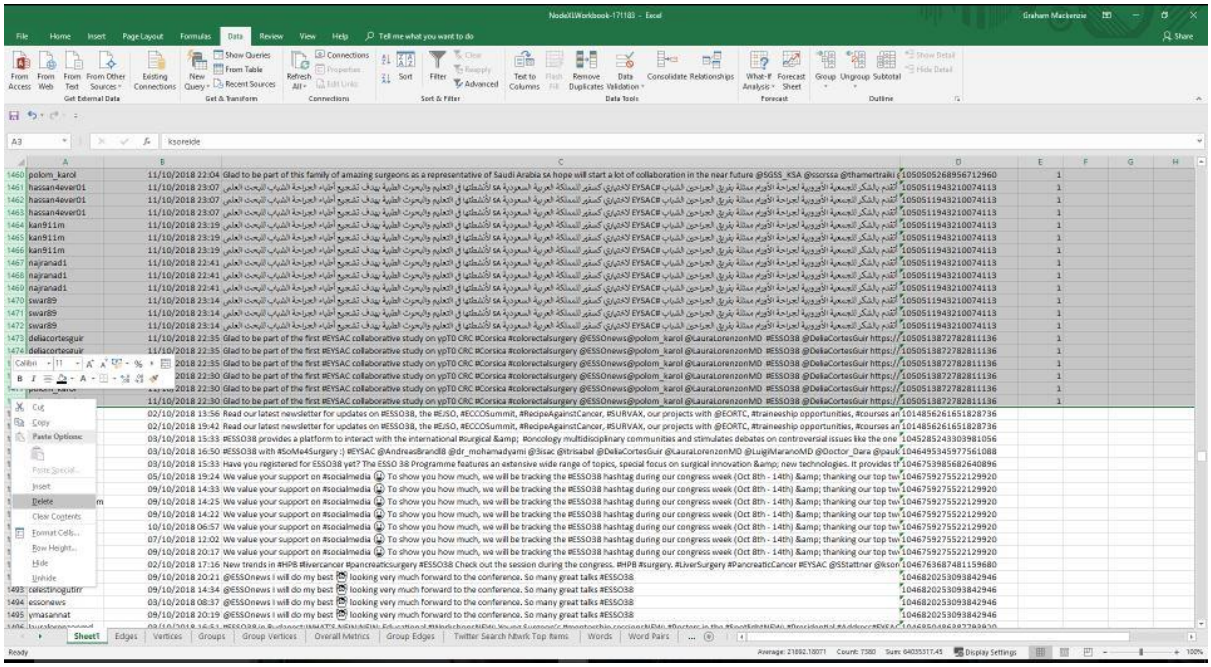
8. Because the previous step introduced a formula comparing rows, and because you're about to resort by the results, you'll need to paste the results as "values" (otherwise the results will keep changing).



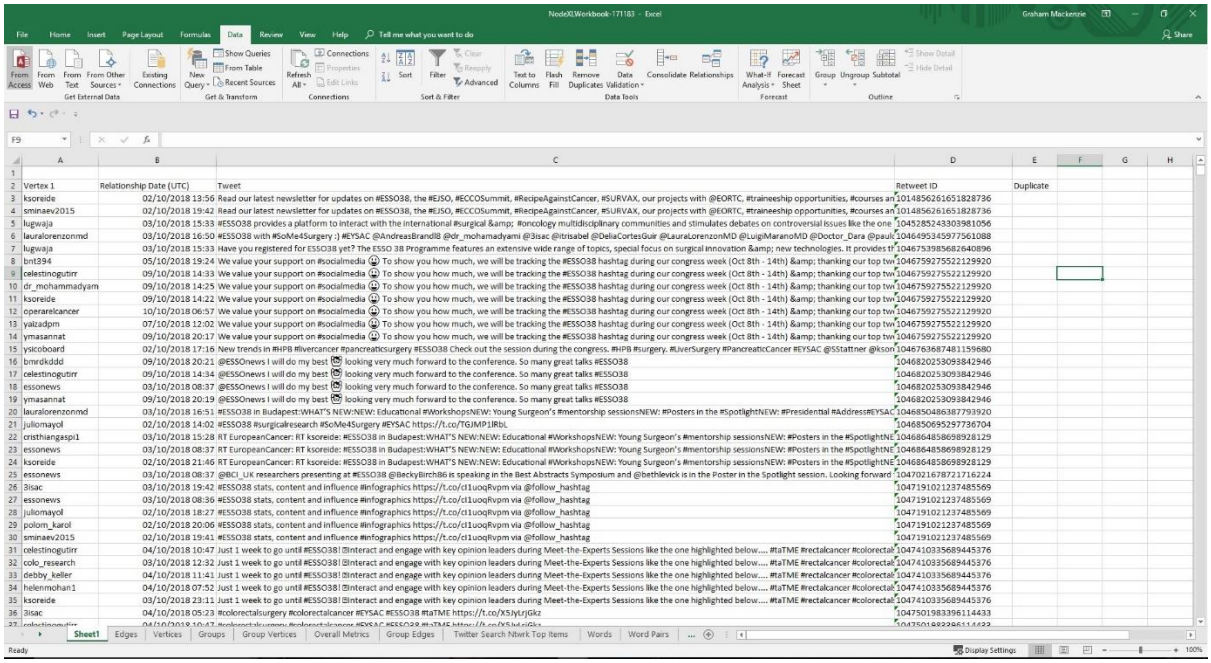
9. Sort by duplicates.



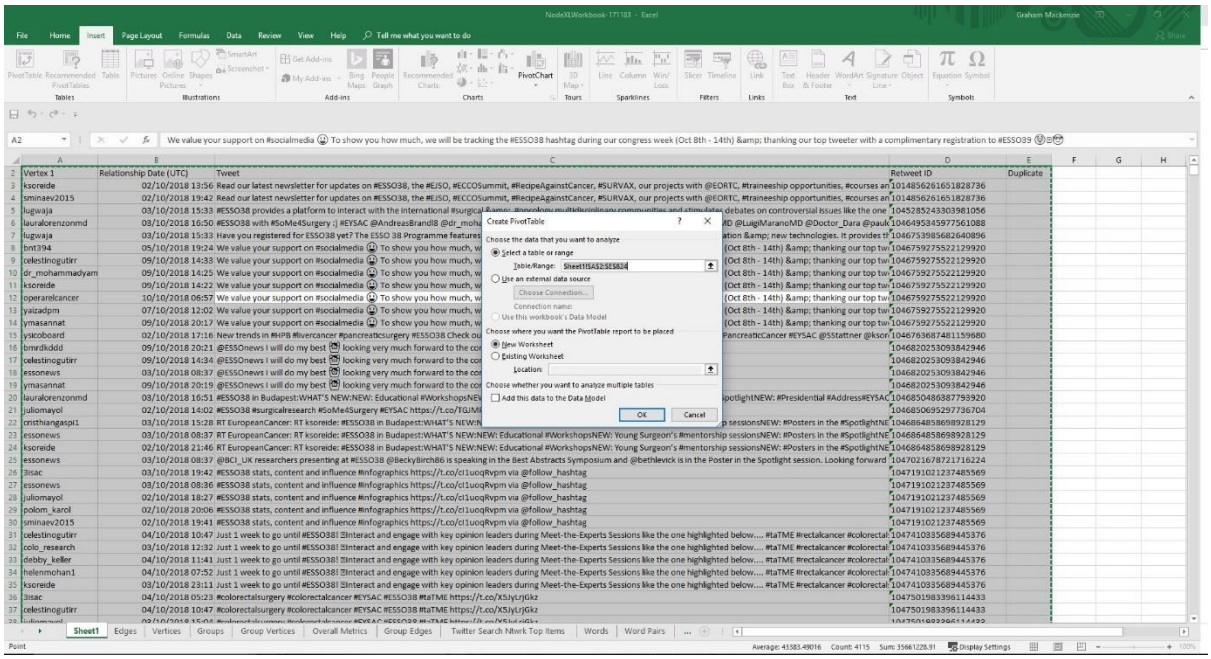
10. Delete duplicates.



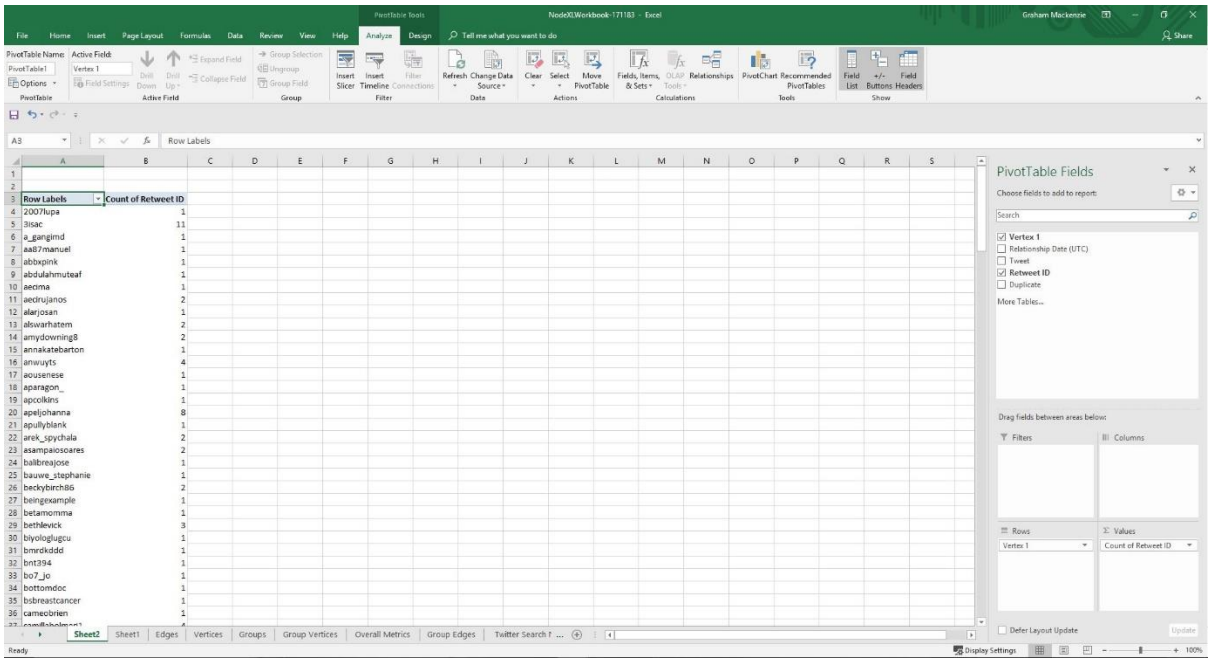
11. This is what you end up with. Individual retweeters listed for each tweet.



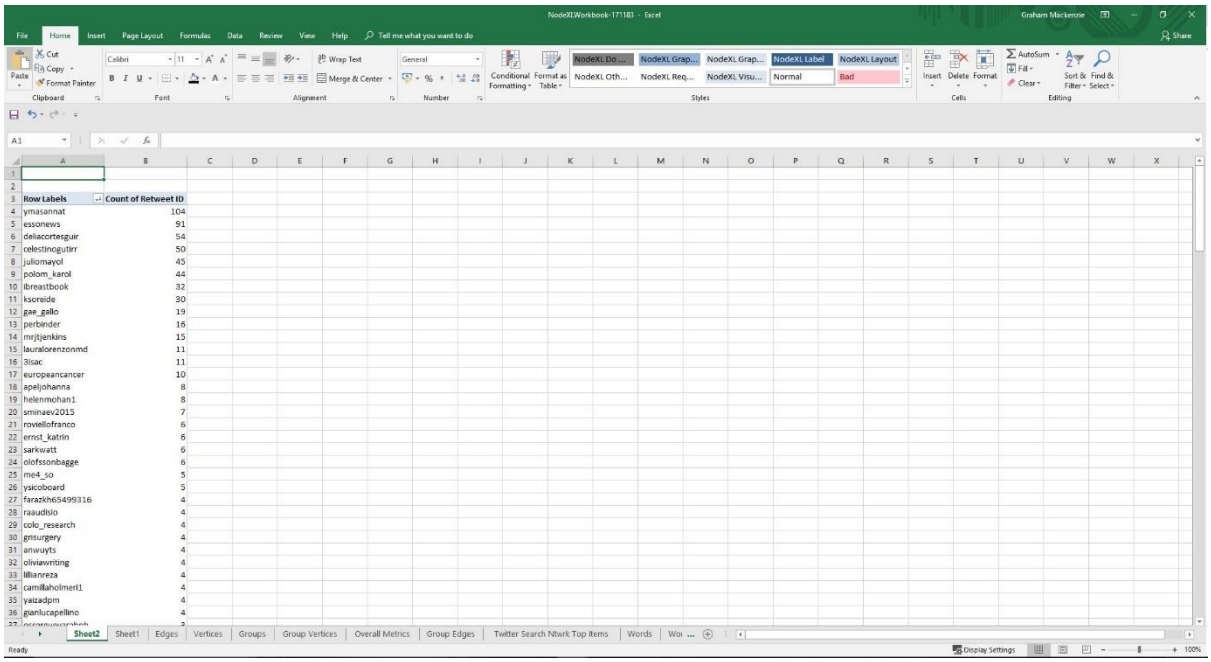
12. Create a pivot table from the results.



13. Select tweeter (vertex 1) and retweet ID in the pivot table. This will give you the retweeter and the number of retweets.



14. Here's your final output. You'll need to do further analysis of this information. There are different ways to proceed. I use vlookup (after sorting alphabetically) for example to compare tweeters and retweeters. Example in tweet on next page.



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Top #ESSO38 tweeters & retweeters (European Society of Surgical Oncology) via NodeXL

Methods for new retweeter analysis to follow
@polom_karol @ksoreide @sarkwatt @ymasannat @dr_mohammadyami @essonews @celestinogutirr @deliacortesguir @ibreastbook @juliomayol

#SoMe4Surgery

ved	Tweets	% of retweets received	Cumulative % of retweets r
206	66	18.8%	
148	39	13.5%	
69	10	6.3%	
64	26	5.8%	
63	11	5.8%	
52	13	4.7%	
47	11	4.3%	
47	11	4.3%	
46	7	4.2%	
31	5	2.8%	
30	3	2.7%	
30	9	2.7%	
24	3	2.2%	
20	21	1.8%	
16	5	1.5%	
14	2	1.3%	
13	2	1.2%	
13	3	1.2%	
13	1	1.2%	
11	5	1.0%	

weeters	Retweets made	Tweets	Retweets received
sannat	135	26	
news	132	7	
stinogutirr	60		
icortesguir	59		
astbook	58		
m_karol	56	66	
mayol	54		
eide	44	39	
_gallo	24		
inder	19		
jenkins	15		
c	14		
alorenzonmd	13	11	
peancancer	12		
nmohan1	11	3	
t_katrin	9	5	
aev2015	8		
lucapellino	8	1	
ssonbagge	8	9	
johanna	8		

3:15 AM - 13 Oct 2018

2 Retweets **3** Likes