

# Mapping with Jaccard Similarity

## A First Approach

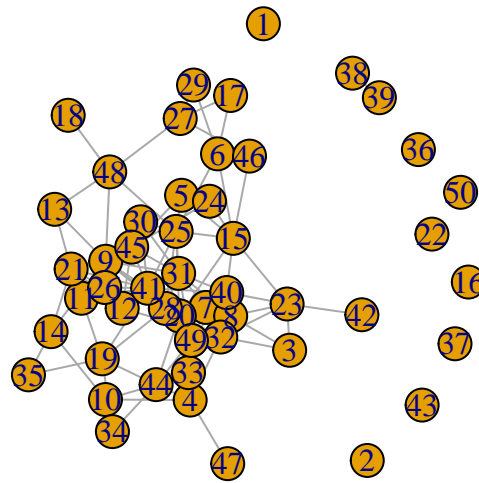
by Fred

### Some Thoughts

For the disinterested reader

1. Notes on the connections in the set
  - Some sentences are related because of what seems like stop words alone.
2. Misspellings
  - Characters speech patterns are reflected in things like misspellings, overuse of particular words, etc.
3. Filtration!
  - tfidf?

## Jaccard Simliarity



Index	Season	Episode	Character	Line
1	3	15	Adolf	nur zur sommerzeit nein auch im winter wenn es schneit
2	3	15	Stan	i ll try
3	10	4	Cartman	ow quit it kyle bleh kyle
4	18	5	Cartman	hey douchebag are you doing anything kewl
5	14	6	Rob Reiner	he s useless to you you can t get muhammad s power to not be made fun of without the rob reiner goo transfer machine
6	12	10	Soldier 2	let s go get em out
7	4	6	Stan	we re making faces at sick people
8	11	12	Cartman	we had a deal kyle
9	14	6	Scott Tenorman	would you like to meet him well you can t ever cause you see eric we have something in common did i ever tell you that my father played for the denver broncos
10	7	4	Kenny	i m doing my homework
11	13	12	Biker 2	did that kid just call us
12	15	7	Cartman	that looks pretty good
13	6	14	Tour Guide	well have a great day everybody
14	12	5	Cartman	oh well thank you i believe strict discipline along with compassion for my students is catamite to their learning

Index	Season	Episode	Character	Line
15	15	11	Randy	can i get a scotch and soda
16	9	7	Bertha	jerk
17	10	11	Cartman	biggie smalls biggie smalls this is dumb you guys let s do somethin else
18	6	1	Butters	me
19	2	11	Dr. Adams	ughuh little missy here runs the big projector for us
20	13	12	Lead Biker	all right everyone all right we are fags yeah we re fags we re total fags and yo know what we like it
21	10	10	Yates	well that explains it
22	7	8	Mr. Slave	jesus christ
23	4	8	Mr. Wyland	okay and kyle and stan s team your main point
24	2	13	Stan	but can he still ride a bull
25	16	6	Michael	alright guys should be about forty five minutes to the freshest nar nar why don t we go around the van and get to know each other a little bit
26	12	11	Cartman	that s right
27	18	2	Kenny	this will be awesome
28	14	7	Nathan	simple mimsy we re gonna put a little surprise in the canoe
29	14	11	Coon	the coon must be able to signal his friends when a huge catastrophe breaks out
30	11	9	Gerald	think about it you weren t even trying to take the biggest crap last time imagine if you actually worked at it
31	6	15	Nelly	we weren t gonna ask you where you got it from
32	11	13	Butters	stan and kyle are really good at it
33	2	11	Stan	what other crime in south park
34	12	5	Mrs. Garrison	mah penis stop penis come back here
35	10	3	Peter	pancakes for you captain
36	3	15	Gerald	courtney cox
37	17	9	Stan	yay
38	3	9	Elder Harris	yes
39	5	2	Scouts	yes scoutmaster
40	8	10	Sixth Grade Leader	we want a picture of your mom s boobs
41	7	9	Kyle	we d didn t think it was that big a deal
42	9	14	Randy	okay
43	3	14	Kyle	you dick
44	6	4	Stan	what are they doing here
45	8	6	Harris	sir it s possible that he is black even though he doesn t look it
46	10	2	Stan	i will i will get everyone to drive hybrid cars i swear it
47	4	8	Gerald	hey boys how s the research coming
48	7	8	Chef	aw nah don t tell me you children have taken up this whole metrosexual fad too
49	12	11	Randy	oh god what are we gonna dooo
50	18	9	Tech 3	tupac