Network analysis part 2

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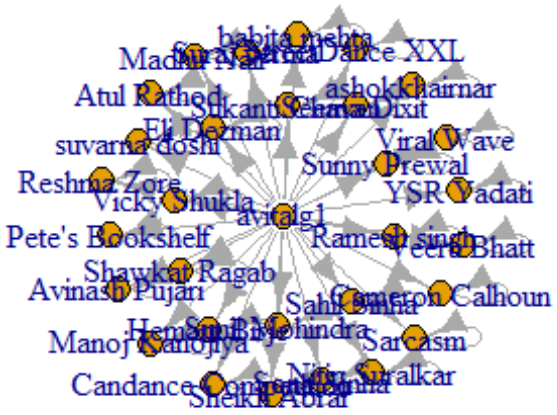
Network analysis of twitter

```
tkplot(g)
```

```
## [1] 1
```

```
plot(g)
```

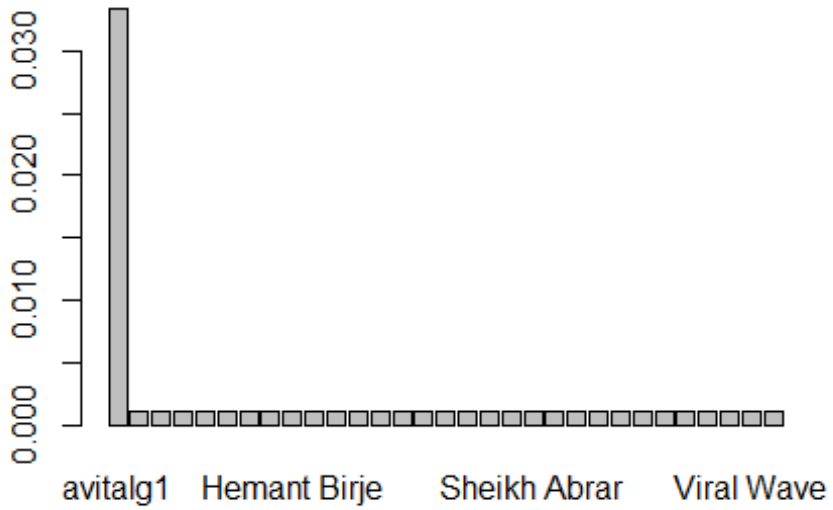



```
b=betweenness(g)
c=closeness(g)
d=degree(g)
e=evcent(g)
#max betweenness
which.max(b)
```

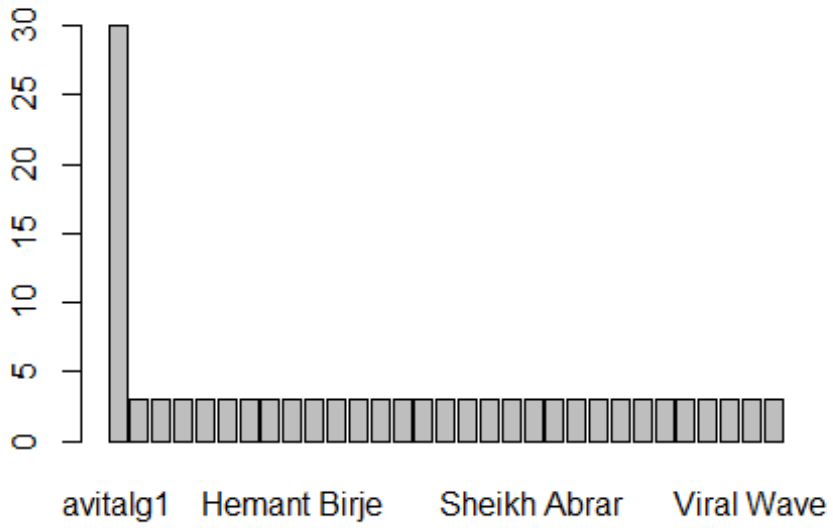
```
## avitalg1
##        1
```

```
#max closeness
which.max(c)
```

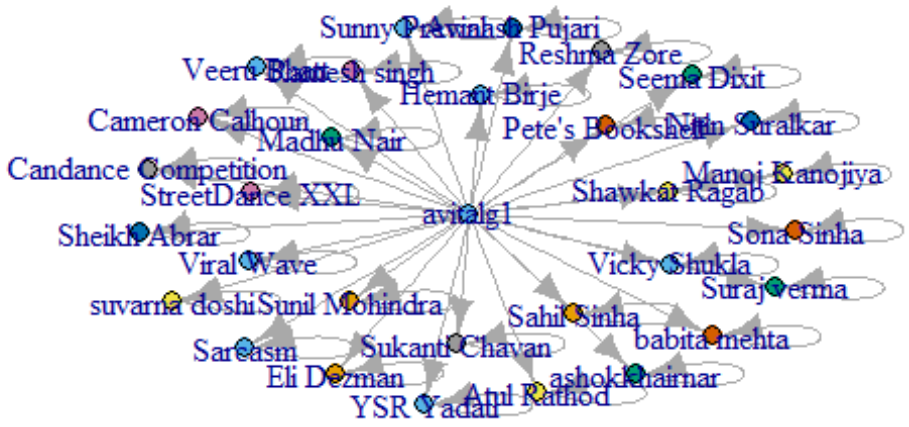
```
## avitalg1
##        1

barplot(c)
```



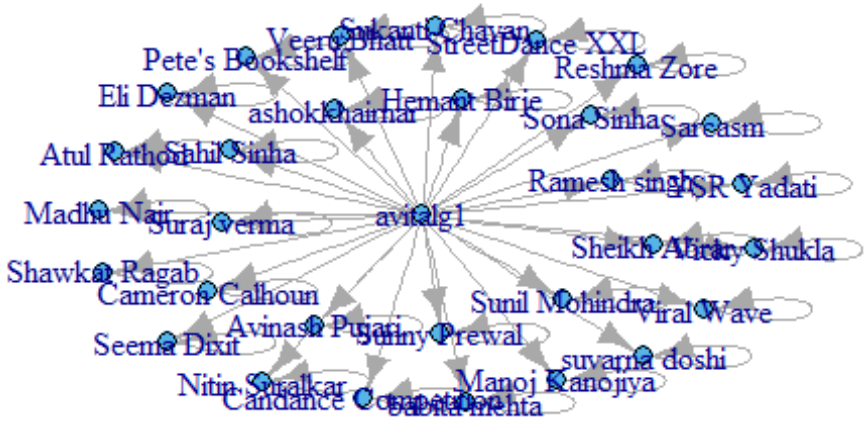

```
#max degree
which.max(d)

## avitalg1
##        1

barplot(d)
```




```
#max Eigencetor
which.max(e$vector)

## avitalg1
##        1

# edge betweennes algoritem
fc=edge.betweenness.community(g)
plot(g,vertex.size=6,vertex.color=fc$membership+1,asp=FALSE)
```




```
sizes(fc)

## Community sizes
##  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
##  5  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
## 26 27
##  1  1

#walktrap algoritem
ff=walktrap.community(g)
plot(g,vertex.size=6,vertex.color=ff$membership+1,asp=FALSE)
```




```
sizes(ff)
```

```
## Community sizes
##  1
## 31
```