K-means Clustering by Total Drinks Per Trimester for Participants With Three Completed Trimesters in the South Africa Site

Melissa
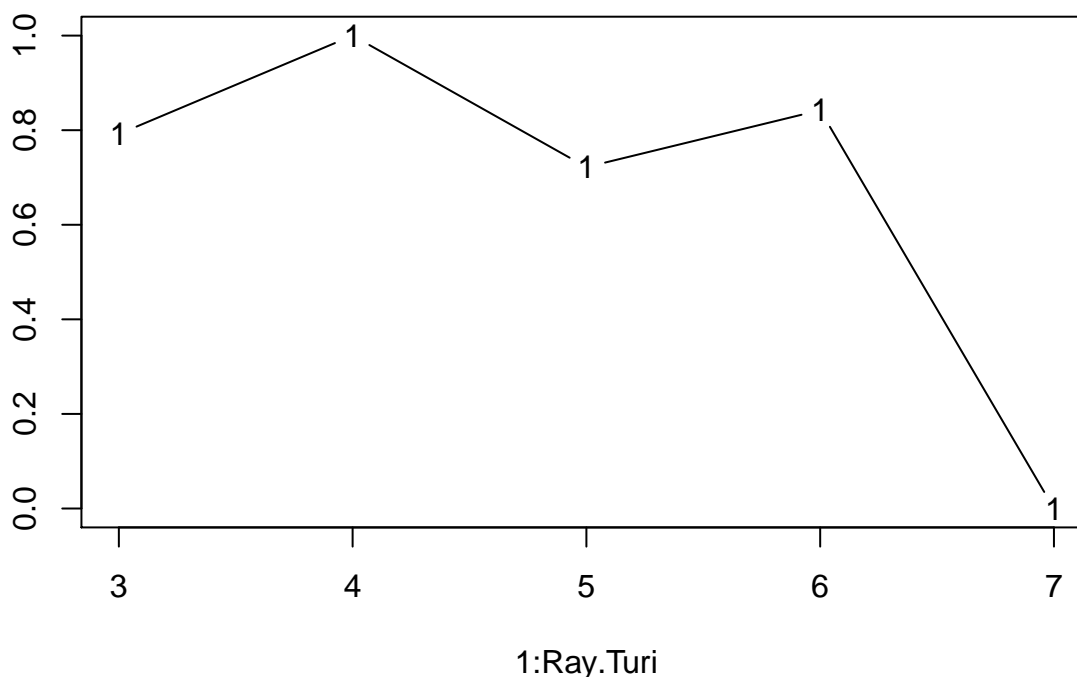
4/23/2018

The citerion for cluster sizes (k) is plotted, however we decided prior to analysis that k should be 4

```
##  ~ Fast KmL ~
## ************************************************************************S
```


Standardized criterions
Unsorted

1:Ray.Turi

Subject Count Per Cluster

	N	Raw %	Cumulative %
1	4871	75.6	75.6
2	336	5.2	80.8
3	89	1.4	82.2
4	33	0.5	82.7
N	1113	17.3	100
Sum	6442	100.0	

Subject Count Grouped by Cluster and Exposure

For exposure definition, d0s0 - did not smoke or drink, d0s1 - did not drink but did smoke, etc

	d0s0	d0s1	d1s0	d1s1	Sum
1	0	1325	943	2603	4871
2	0	0	49	287	336
3	0	0	10	79	89
4	0	0	0	33	33
N	1113	0	0	0	1113
Sum	1113	1325	1002	3002	6442

Total Drinks Per Trimester Grouped by Cluster

Total Drinks Per Trimester Grouped by Cluster

Total Drinks Per Trimester Grouped by Cluster (Panels)