D2: F21DV Requirements Assessment

Gateway requirements

G1	Evidense of use of GitLab by group showing incremental development through regular commits and commit messages	achievied
G2	Use of D3 hierarchical display to illustrate agglomerative clustering of topic-to-topic similarity	achievied

Note that failure to meet <u>either</u> G1 or G2 means that the project be disqualified and all group members will be awarded 0 marks for this part of the course

Number	Requirement	Mark available	Achieved or not	Mark
R1	Use of three different D3 layouts in a single dashboard	6	achievied	6
R2	Use of automatic scaling of all axes in a single layout during data update.	2	achievied	2
R3	Use of datum highlighting in which hovering over a datum provides additional information via a tooltip	2	achievied	2
R4	Use of D3 transitions to highlight new (entering) data	2	achievied	2
R5	Use of D3 transitions to highlight updating data	2	achievied	2
R6	Use of D3 transitions to highlight exiting data	3	achievied	3
R7	Use of cross-layout brushing in which moussing over a data point in one chart highlights associated data in another chart	2	achievied	2
R8	Use of cross-layout brushing in which moussing over one data point in one chart highlights multiple associated data points in another chart. Note: you must use a different combination of layouts than the ones provided in lab examples.	3	achievied	3
R9	Significant use of data (> 100 data items) not provided by the course	2	not-achieved	0
R10	Use of a scatter plot, a stacked barchart or, a linechart	4	achievied	4
R11	Use of bidirectional interaction between three charts	3	achievied	3
R12	Use of automatic scaling of all axes of a further two layouts during data update.	2	achievied	2
R13	Use D3 hierarchical layout e.g. cluster, pack, partition, treemap, sunburst, or bundle, but a not tree layout	2	achievied	2
R14	Use of selective reveal in a hierarchical layout display (e.g. revealing/concealing lower nodes in a dendrogram)	2	achievied	2
R15	Faceted selection interaction between two layouts (in which mouseover or click in one layout results in data being filtered in a second layout). Note: you must use a different combination of layouts than the ones provided in lab examples.	2	achievied	2
R16	Use of a map layout that has interaction with another layout.	2	achievied	2
R17	Use of scalar data on a map (e.g. circles of different sizes to indicate the percentage of 4* outputs).	3	achievied	3
R18	Use of cross-layout brushing in which dragging a rectangle over several data points in one chart highlights multiple associated data points in another chart.	2	not-achieved	0
R19	Use of the correlation between university/UOA star ratings and other data	2	not-achieved	0
R20	Use of a custom (student written) shape generator	3	not-achieved	0
R21	Use of a custom (student written) layout generator)	2	not-achieved	0
R22	Use of a clustering analysis, other than than provided in the assignment dataset	2	not-achieved	0
	Total	**55**		**42**