

Team Meeting #9

Drafted by: Liam Pang (6/4/2018)

Edited and Vetted by: Ong Geok Ting (6/4/2018)

<u>Date</u>	<u>Time</u>	<u>Venue</u>
6/4/2018	1600 – 1700 Hrs	LKCSB GSR 2-1

Participants: Liam Pang, Ong Geok Ting and Tan Rui Feng

Agenda:

1. Amendment of deliverables

Meeting Item 1: Amendment of Deliverables				
S/N	Issue	Action	By	Due
1	<p>The team was reviewing the biplots of various techniques. The normal mixtures method merges the overlapping clusters, but the results were not stable. When redoing the analysis, the results are different with observable variation.</p> <p>The team discussed if the profiling of the clusters should be done on the K-Means results or those produced by Normal Mixtures.</p> <p>Ultimately, the team choose to stick with K-Means as the team perceive the results to be unreliable.</p>	To maintain the use of current K-Means analysis results.	-	-
2	The team was unsure on the best ways to visualise the results of Latent Class Clustering. As the K-Means results can be visualised via parallel coordinate plots but LCA is unable to produce the	-	-	-

	<p>same visualisation, the team is concern on the issues of consistency.</p> <p>The team considered the different options such as using parallel plots for both techniques or using parallel coordinate plot for K-Means and parallel plot for LCA.</p> <p>The team selected using two different plots for both as the skewness in the data results in difficulty with observing patterns on the parallel plot.</p>			
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