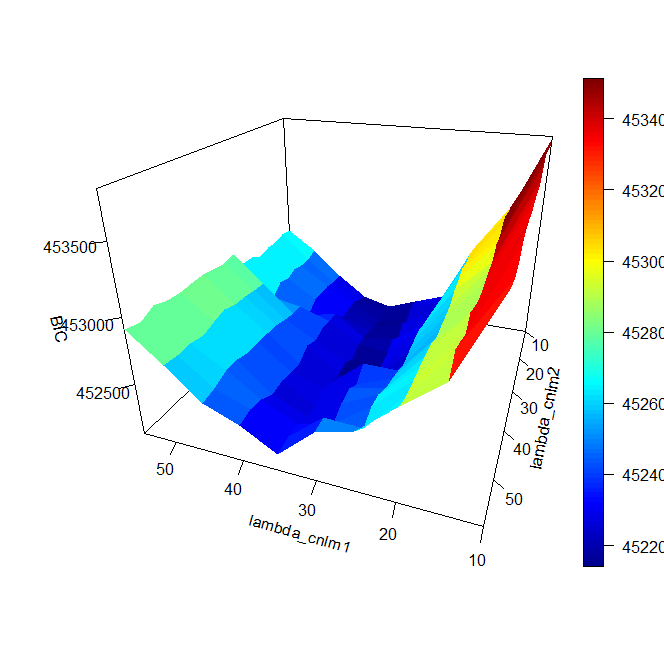
Experiment 1

# subjects = 400; # clusters = 3; # features = 40; # latent variable = 2

True membership: for the first 30% of observations: cluster #1; for the second 40% of observations: cluster2; for the third 30% observations: cluster 3;

For the effective modality, the first 16 features are effective.

|  |  |  |
| --- | --- | --- |
| Experiment 1 | # of modalities = 8 |  |
| Modality #1 | Chart, scatter chart  Description automatically generated | 1.   * ACC = 1 * Sensitivity of alpha: * (1, 1, 1) * Specificity of alpha: * (1, 1, 0.9583) * Sensitivity of mu:1 * Specificity of mu:0.4 * Time = 3147.17 |
| Modality #2 |  | 2.   * ACC = 1 * Sensitivity of alpha: * (1, 1, 1) * Specificity of alpha: * (0.958, 0.958, 1) * Sensitivity of mu:1 * Specificity of mu:0.8 * Time = 2890.13 |
| Modality #3 | Chart, scatter chart  Description automatically generated | 3.   * ACC = 1 * Sensitivity of alpha: * (1, 1, 1) * Specificity of alpha: * (1, 0.958, 1) * Sensitivity of mu:1 * Specificity of mu:0.8 * Time = 2224.07 |
| Modality #4 |  | 4.   * ACC = 1 * Sensitivity of alpha: * (1, 1, 1) * Specificity of alpha: * (1, 0.958, 1) * Sensitivity of mu:1 * Specificity of mu:0.4 * Time = 3764.58 |
| Modality #5 | Chart, scatter chart  Description automatically generated |  |
| Modality #6 |  |  |
| Modality #7 |  |  |
| Modality #8 |  |  |



Chart, surface chart

Description automatically generated

