n = 20, g = 200, nsim = 100, K = 3

| Pi | | Cluster Means | | Diagnostics | | | | | | Optimal Tuning | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| True | Estimated | True | Estimated | cARI | Cl Acc | SSE | ND Acc | Sens | False + | $\lambda_1$ | $\lambda_2$ |
| (.333, .333, .333) | (.327, .321, .352) | (1, 2, 3) g=100<br>(2, 2, 2) g=100 | (0.911, 1.891, 2.869)<br>(1.881, 2.104, 1.893) | 1 | 1 | 984 | 93.8% | 0.954 | 0.099 | 0.2 | 0.05 |
| (.450, .450, .100) | (.431, .452, .117) | (1, 2, 3) g=100<br>(2, 2, 2) g=100 | (1.099, 1.766, 2.858)<br>(2.117, 2.067, 1.951) | 0.98 | 0.99 | 1026 | 89.7% | 0.899 | 0.106 | 0.01 | 0.8 |
| (.800, .100, .100) | (.778, .115, .107) | (1, 2, 3) g=100<br>(2, 2, 2) g=100 | (1.022, 2.061, 2.717)<br>(1.747, 1.873, 1.990) | 0.93 | 0.97 | 1080 | 87.5% | 0.870 | 0.113 | 0.05 | 0.1 |
| (.500, .300, .200) | (.495, .317, .189) | (3.0, 3.5, 4.0) | (2.970, 3.455, 3.982) | 1 | 1 | 2106 | 98.6% | 0.997 | 0.242 | 0.2 | 0.05 |
| (.500, .300, .200) | (.495, .317, .189) | (1, 2, 3) g=100<br>(2, 2, 2) g=100 | (1.128, 1.918, 2.858)<br>(1.953, 1.957, 2.063) | 1 | 1 | 932 | 95.8% | 0.964 | 0.054 | 0.2 | 0.05 |
| (.500, .300, .200) | (.495, .317, .189) | (1, 2, 3) g=20<br>(2, 2, 2) g=180 | (0.850, 1.698, 3.233)<br>(1.984, 2.022, 1.975) | 1 | 1 | 996 | 95.1% | 0.968 | 0.072 | 0.01 | 0.8 |

Grid search:
$\lambda_1$ = (0.01, 0.05, 0.1, 0.2, 0.5, 0.8, 1.0)
$\lambda_2$ = (0.01, 0.05, 0.1, 0.2, 0.5, 0.8, 1.0)