|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Single Fold** | | | **5-Fold** | | |
|  |  |  |  |  |  |  |
| **Raw Features – no PCA** | | | | | | |
| **Full - Cov** | 0.304 | 0.812 | 0.777 | 0.312 | 0.842 | 0.778 |
| **Diag -Cov** | 0.437 | 0.875 | 0.818 | 0.420 | 0.921 | 0.845 |
| **Tied Full-Cov** | 0.334 | 0.733 | 0.779 | 0.333 | 0.748 | 0.812 |
| **Tied Diag- Cov** | 0.412 | 0.901 | 0.832 | 0.402 | 0.932 | 0.866 |
| **Gaussianized Features – no PCA** | | | | | | |
| **Full - Cov** | 0.270 | 0.740 | 0.807 | 0.306 | 0.790 | 0.784 |
| **Diag -Cov** | 0.456 | 0.848 | 0.860 | 0.448 | 0.914 | 0.834 |
| **Tied Full-Cov** | 0.348 | 0.812 | 0.867 | 0.354 | 0.884 | 0.803 |
| **Tied Diag- Cov** | 0.451 | 0.891 | 0.839 | 0.451 | 0.942 | 0.879 |
| **Gaussianized Features – PCA (m=10)** | | | | | | |
| **Full - Cov** | 0.312 | 0.817 | 0.779 | 0.328 | 0.862 | 0.807 |
| **Diag -Cov** | 0.362 | 0.747 | 0.780 | 0.378 | 0.824 | 0.804 |
| **Tied Full-Cov** | 0.324 | 0.682 | 0.791 | 0.328 | 0.753 | 0.809 |
| **Tied Diag- Cov** | 0.335 | 0.656 | 0.822 | 0.334 | 0.782 | 0.822 |
| **Gaussianized Features – PCA (m=9)** | | | | | | |
| **Full - Cov** | 0.300 | 0.817 | 0.783 | 0.319 | 0.814 | 0.800 |
| **Diag -Cov** | 0.349 | 0.764 | 0.810 | 0.368 | 0.814 | 0.804 |
| **Tied Full-Cov** | 0.331 | 0.677 | 0.786 | 0.327 | 0.752 | 0.816 |
| **Tied Diag- Cov** | 0.337 | 0.673 | 0.822 | 0.335 | 0.783 | 0.825 |

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| **Raw Features** | | | |
| Quad LR (**λ= , )** |  |  |  |
| Quad LR (**λ= , )** |  |  |  |
| Quad LR (**λ= , )** |  |  |  |
| **Gaussianized features** | | | |
| Quad LR (**λ= , )** |  |  |  |
| Quad LR (**λ= , )** |  |  |  |
| Quad LR (**λ= , )** |  |  |  |