Supplemental Table S4**.** Classification performance of the three methods about AD dataset

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Methods** | **Research** | **Accuracy** | **Sensitivity** | **Specificity** | **BAC** |
| **Lasso-based** | Multi-feature  | 81.35% | 86.21% | 76.67% | 81.44% |
| **gLasso-based** | Multi-feature | 84.74% | 90.00% | 79.31% | 84.66% |
| **sgLasso-based** | Multi-feature  | 88.13 % | 89.66% | 86.67% | 88.17% |