**Supplementary Table 3. Key features selected extracted from MRI data quantized with 32 levels.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Rank** | **GOLM1** | **SETD7** | **RND1** |
| 1 | NGTDM\_ST (wa) | GLRLM\_HGLRE | GLCM\_CT (wa) |
| 2 | GLRLM\_RLV (wh) | NGTDM\_ST (wh) | FOS\_SK (wh) |
| 3 | GLRLM\_GLV (wh) | GLRLM\_RLV (wh) | NGTDM\_BS (wv) |
| 4 | GLCM\_EG (wh) | GLCM\_EG (wa) | GLRLM\_RLV (wv) |
| 5 | NGTDM\_ST (wd) | FoS\_ET (wv) | FOS\_ET (wv) |
| 6 | FOS\_SD (gd) | NGTDM\_CS (wv) | NGTDM\_CM (wv) |
| 7 | NGTDM\_BS | GLCM\_CT (wa) | GLRLM\_GLV (wa) |
| 8 | NGTDM\_CM (wa) | GLCM\_EG (wh) | GLSZM\_SZHGLE |
| 9 | GLRLM\_HGLRE | GLRLM\_GLV | GLSZM\_SZLGLE |
| 10 | NGTDM\_ST (wh) | GLCM\_CR | GLRLM\_LRE (wh) |
| 11 | GLCM\_CR | NGTDM\_ST (wd) | GLCM\_EG (wv) |
| 12 | NGTDM\_CS (wh) | GLRLM\_GLV (wa) | GLRLM\_RLV (wd) |
| 13 | GLCM\_AC (wd) | FOS\_SD (gd) | GLRLM\_HGLRE |
| 14 | GLRLM\_GLV | NGTDM\_CT (wh) | NGTDM\_BS |
| 15 | NGTDM\_CT (wh) | GLRLM\_LRE | NGTDM\_CS (wv) |
| 16 | NGTDM\_CS (wv) | NGTDM\_CS (wh) | GLCM\_EG (wh) |
| 17 | FoS\_SK (wh) | GLRLM\_RLV (wd) | NM\_B4 |
| 18 | GLSZM\_SZHGLE | GLCM\_AC (wd) | NGTDM\_CM (wa) |
| 19 | GLRLM\_GLV (wa) | GLSZM\_SZHGLE | NGTDM\_CT (wh) |
| 20 | GLRLM\_LRE (wh) | NGTDM\_CM (wv) | GLRLM\_LRE |

See Supplementary Tables 1 and 2 for lists of abbreviations.