Appendix 1. Sample distribution of lesion and atrophy

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | L IV | R IV | L V  | R V | L V | Vermis VI  | R VI  | L Crus I | Vermis Crus I | R Crus I | L Crus II | Vermis Crus II | R Crus II | LVII B | Vermis VIIb  | R VII | L VIIIa | Vermis VIIIa | R VIIIa | L VIIIb | Vermis VIIIb | R VIIIb | L IX | Vermis IX | R IX | L X | Vermis X | R X | L Dentate | R Dentate |
| 1 |   |   | A | A | A | + | + |   | + | + | + | + | + | + | + | + | + | + | + | + | A+ | + | + | A+ | + |   | A |   | A | + |
| 2 | A | A | A | A | A | A | A | A+ | A | A | + | A | A+ | A+ | A | + | A+ | A+ | A+ | A+ | A+ | A | + | A | A+ | A | A | A | A+ | A |
| 3 | A | A | A | A |   | A | A | A |   | A+ | A+ | + | A+ | A+ | + | A+ | A | + | A+ | A | + | A+ | + | + | + | A | A | A | A | + |
| 4 | A+ | A+ | A+ | + | A | + | + | A | + | A+ | A | + | + | A | + | A+ | A | + | A+ | A | + | A+ | A+ | + | + | A | + | + | A | + |
| 5 |   | A |   |   |   | A+ |   |   | A | A | A | A | A | + | A | + | + | A+ | + | + | + | + | + | A+ | + | A | A | A | A |   |
| 6 | A | A | A | A | A | A+ | A | + | + | + | + | A | + | + | A | + | + | A+ | + | + | A |   | A+ | A | A+ |   | A |   | A | A |
| 7 |   |   |   |   |   | + | + |   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A+ | + |   | A |   | + | + |
| 8 |   |   |   | A |   | + |   | A | A |   | A+ | + |   | + | + |   | + | + |   | + | + |   | + | + | + | A | A+ |   | + |   |
| 9 | A | A | A+ | A | A+ | + | A | + | + | A | + | + | A+ | + | + | A | + | + | A | A | A+ | A | A+ | A+ | A+ | A | A+ | A | + | A |
| 10 | A | A | A | A | A | A+ | A | A | A | A | A+ | A | A+ | + | A | + | + | A+ | + | + | A+ | + | + | A+ | + | A | A |   | A | A |
| 11 | A | A | A+ | A+ | A+ | + | + | A+ | + | A+ | + | + | A+ | A+ | + | A+ | A+ | + | A | A | + | A | A | A+ | A | A | A | A | + | + |
| 12 | + | + | + | + | + | + | + |   |   |   |   | A+ |   | + | + | + |   | A+ |   |   | A+ |   | A+ | A+ | A+ |   | A+ |   | + | + |
| 13 | A | A | A | A | A | A | A | A | A | A | A+ | A | + | A | A | + | A | A+ | A+ | A | A+ | A+ | A+ | A+ | + | A | A | A | A | + |
| 14 |   |   | A | A |   | A |   | + |   | + | + | A | + |   | A |   |   |   |   |   |   |   |   | A | A |   | A |   | A | A |
| 15 | A+ | A+ | A+ | A+ | + | + | A+ | A+ | + | A+ | + | + | + | + | + | A+ | + | + | + | + | + | + | + | + | + | A | A+ | A | + | A |
| 16 | A | A | A | A | A | A | A | A | A | A+ | A | A | A+ | A+ | A | + | + | A+ | + | + | A+ | + | A+ | A+ | A+ | A | A | A | A | A |
| 17 | A | A+ | + | A+ | A+ | + | A+ | A+ | + | A+ | A+ | + | A+ | A+ | + | A | A | A+ | A | A | A+ | A | A | A+ | A | A | A+ | A | A+ | A |
| 18 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   | + |   |   | + |   | + |   |   |   |   |   |
| 19 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   | A+ |   |   | A+ |   | + | A+ | A | A | A+ | A |   |   |
| 2 | A | A |   |   |  | A | + |   |   | + | + | + | + | + | + | + | + | + | + |   | + | + | + | + | + |   | A | + |   | + |
| 21 | A | A | A+ | A+ | A | A+ | A | A | A | A | A | A+ | A | A+ | A+ | A+ | A+ | A+ | A+ | A+ | A+ | A+ | A+ | A+ | A+ | A | A+ | A | A+ | + |
| 22 | A+ | A+ | A+ | A+ | A+ | A+ | A | A | A | A | A | A+ | A | A | A+ | A | A | A+ | A | A | A+ | A | A+ | A+ | A+ | A | A | A | A+ | A |
| 23 | A | A+ | A | + | A | A+ | + | A |   | + | A+ | + | A+ | A+ | + | A+ | A+ | + | A+ | A | + | A+ | A+ | A+ | + | A | A+ | + | A | + |
| 24 |   | A |   | A |   |   | A |   |   | A | A+ |   | A | A+ |   | A | + | A | A | A+ | A |   | A+ | A | A | A | A | A |   | A |
| 25 | A |   | A+ |   | A+ |   |   | A+ |   |   | + |   |   | A+ |   |   | A+ |   |   | A+ |   |   | A+ |   |   | + | A |   |   |   |

\*Note. A indicates atrophy (>1%) and + indicates lesion (>1%)