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%)