**Supplementary Table 1. Interrater reliability of MRI measurement and classification.**

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| --- | --- | --- | --- |
| Intraclass correlation coefficient | mean | 95% CI | p value |
| Total volume on baseline MRI | 0.91  | (0.86, 0.94)  | 0.00 |
| Total volume after follow-up MRI | 0.94  | (0.92, 0.96)  | 0.00 |
| Kappa coefficient | Baseline MRI | Follow-up MRI |  |
| Disc degeneration grade | 0.66  | 0.74  |  |
| Disc herniation grade | 1.00  | 1.00  |  |
| Komori migration classification | 0.73  | - |  |
| Modic change type of vertebral body | 1.00  | 1.00  |  |
| Modic change of vertebral body area | 1.00  | 1.00  |  |

MRI, magnetic resonance imaging; CI, confidence interval