**Supplemental Table 1.**The summary of ROC curve analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measurement | Domain | ROC threshold  | Sensitivity, specificity | Area under the curve (95% CI) |
| HSS-DDI | Total | 5 | 79%, 58% | 0.70 (0.63 to 0.77) |
|   | Dysphagia | 8 | 78%, 56% | 0.67 (0.60 to 0.75) |
|   | Dysphonia | 5 | 74%, 64% | 0.70 (0.60 to 0.77) |
| SWAL-QOL |  | 4 | 68%, 64% | 0.67 (0.58 to 0.75) |
| MDADI |   | 4 | 54%, 77% | 0.64 (0.55 to 0.73) |