Appendix 2: Sensitivity analysis, CIRS-C and CIRS\_S interactions

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| Term | CIRS-C | CIRS-S |
| **CIRS-C ≤4,****N = 97** | **CIRS-C >4,****N = 122** | **p\*** | **CIRS-S ≤2,****N = 157** | **CIRS-S >2,****N = 62** | **p\*** |
| **OR (95%CI)** | **OR (95%CI)** | **OR (95%CI)** | **OR (95%CI)** |
| Cluster |  |  |  |  |  |  |
|  Unspecified | ref | ref | - | ref | ref | - |
|  Metabolic-renal-cancer | 2.9 (0.3, 62.1) | 1.5 (0.5, 4.9) | 0.572 | 2.4 (0.7, 9.8) | 1.2 (0.0, 14.7) | 0.525 |
|  Neurocognitive | 6.2 (2.2, 20.2) | 1.3 (0.4, 3.6) | 0.042\* | 3.1 (1.5, 6.5) | 1.0 (0.0, 11.5) | 0.309 |
| Sex(Male vs Female) | 4.7 (1.7, 14.4) | 1.8 (0.8, 3.9) | 0.473 | 3.3 (1.6, 7.0) | 0.9 (0.3, 2.5) | 0.041\* |
| Age group(>85 years vs younger) | 3.1 (1.2, 8.7) | 1.6 (0.8, 3.5) | 0.182 | 2.7 (1.3, 6.0) | 1.8 (0.6, 5.3) | 0.736 |

\* p for interaction, representing the heterogeneity of each estimate between CIRS groups