**Table 2.** Odds ratios from adjusted multilevel logistic regression models estimating the association between discharge functional scores and potentially preventable 30-day readmissions following home health care.

|  |  |  |  |
| --- | --- | --- | --- |
| **Functional Domain** | **Odds Ratio\* (95% CI)** | | |
| **Mobility†** | **Not Adjusted for Cognition** | **Adjusted for Cognition** |  |
| Quartile 1 (most independent) | Reference | Reference |  |
| Quartile 2 | 1.04 (1.00 – **1.08**) | 1.03 (**1.00** – 1.07) |  |
| Quartile 3 | 1.30 (1.27 – 1.34) | 1.29 (1.25 – 1.33) |  |
| Quartile 4 (most dependent) | 1.58 (1.53 – 1.63) | 1.53 (**1.49** – 1.58) |  |
|  |  |  |  |
| **Self-Care†** | **Not Adjusted for Cognition** | **Adjusted for Cognition** |  |
| Quartile 1 (most independent) | Reference | Reference |  |
| Quartile 2 | 1.09 (1.05 – 1.13) | **1.08** (1.05 – 1.12) |  |
| Quartile 3 | 1.34 (1.30 – 1.38) | 1.33 (1.29 – 1.37) |  |
| Quartile 4 (most dependent) | 1.65 (1.59 – 1.69) | 1.61 (1.56 – 1.66) |  |
|  |  |  |  |
| **Cognitive status‡** | **Not Adjusted for**  **Self-Care or Mobility** | **Adjusted for Self-care** | **Adjusted for Mobility** |
| Intact | Reference | Reference | Reference |
| Impaired | 1.21 (1.18 – 1.24) | 1.04 (1.01 – **1.07**) | 1.08 (1.05 – 1.10) |

Abbreviation: CI, confidence interval

\* Odds ratios from multilevel models adjusted for patients’ age; sex; race/ethnicity; dual eligibility; Medicare original reason for entitlement; number of hospitalizations over the prior year; comorbidities (hierarchical condition categories); and index hospitalization diagnostic category, primary procedure category (if applicable), length of stay, receipt of dialysis, and intensive or coronary care unit utilization. Complete listings of the odds ratios from the multilevel models presented are available in Appendix 2.

† Mobility and self-care domains created using items from Home Health Outcome and Assessment Information Set (OASIS). The mobility domain included three items related to transfers and ambulation/locomotion. The self-care domain included seven items related to feeding, preparing light meals, grooming, dressing, bathing, and toilet hygiene.

‡ Cognitive categories created using two items from the OASIS. Patients were categorized as ‘Intact’ if they were scored as ‘Alert/oriented, able to focus and shift attention, comprehends and recalls task directions independently’ on the cognitive functioning item and as ‘Expresses complex ideas, feelings, and needs clearly, completely, and easily in all situations with no observable impairment’ on the speech/oral expression item.