**Appendix 1:** Table showing the 54 factors associated with discharge destination. Items shown in **bold** represent tools and those not in bold are individual items (either a subset item of a tools or other demographic).

|  |  |  |  |
| --- | --- | --- | --- |
| **Item or Tool** | **Cox and Snell r2** | **Item or Tool** | **Cox and Snell r2** |
| **BRASS** | 0.06 | **DEMMI** | 0.24 |
| Dependence in Finances | 0.01 | Tandem Stance | 0.01 |
| Wandering behaviour | 0.01 | Use of gait aid | 0.01 |
| Dependent with feeding | 0.01 | Able to jump | 0.02 |
| Dependent with grocery shopping | 0.01 | Able to stand on toes | 0.02 |
| Incontinent of bowel function | 0.01 | Able to sit independently | 0.03 |
| Incontinent of bladder function | 0.02 | Able to stand without arms | 0.05 |
| Dependent with transfers | 0.02 | Able to pick up a pen from the floor | 0.06 |
| Dependent with toileting | 0.02 | Able to bridge  Able to roll | 0.06  0.08 |
| Confused behaviour | 0.02 |
| Agitated | 0.02 | Able to walk backwards | 0.09 |
| Age (Categorical) | 0.02 | Able to stand with feet together | 0.13 |
| Independent with ADLs | 0.02 | Able to stand unsupported | 0.14 |
| Dependent with transportation | 0.02 | Able to transfer from lying to sitting | 0.19 |
| Dependent with medication management | 0.02 | Walking distance | 0.20 |
| Appropriate behaviour | 0.03 | Sit to stand | 0.23 |
| Mobility (Categorical) | 0.03 | Walking independence | 0.25 |
| Dependent with meal preparation | 0.03 | **AlphaFIM** | 0.27 |
| Cognition | 0.06 | Bed transfers | 0.05 |
| Living situation | 0.07 | Expression | 0.08 |
| **RUDAS** | 0.10 | Walking | 0.09 |
| Visuo-constructional drawing | 0.01 | Eating | 0.09 |
| Praxis | 0.02 | Memory | 0.11 |
| Judgement | 0.04 | Grooming | 0.16 |
| Memory | 0.05 | Bowel Management | 0.23 |
| Language | 0.06 | Toilet transfers | 0.29 |
| At least one fall in the past 6 months | 0.01 |  |  |
| Age | 0.02 |  |  |