

# Tables

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## Import dataset and restructure.

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## Warning: Expected 2 pieces. Additional pieces discarded in 2 rows [34, 101].
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## Warning: Expected 3 pieces. Additional pieces discarded in 4 rows [53, 90, 138,  
## 241].
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## Generate tables

### Supplementary Table 1

Table of neurological conditions in study populations

|                                          | Total     | No Grotta bars | Unadjusted Grotta bars only | Contains adjusted Grotta bars |
|------------------------------------------|-----------|----------------|-----------------------------|-------------------------------|
|                                          | (N=252)   | (N=158)        | (N=77)                      | (N=17)                        |
| <b>Neurological condition</b>            |           |                |                             |                               |
| Acute myocardial infarction *            | 1 (0%)    | 0 (0%)         | 1 (1%)                      | 0 (0%)                        |
| Dementia                                 | 1 (0%)    | 1 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Encephalitis                             | 3 (1%)    | 0 (0%)         | 3 (4%)                      | 0 (0%)                        |
| Guillain-Barré                           | 3 (1%)    | 1 (1%)         | 2 (3%)                      | 0 (0%)                        |
| Huntington's disease                     | 3 (1%)    | 3 (2%)         | 0 (0%)                      | 0 (0%)                        |
| Inclusion body myositis                  | 1 (0%)    | 1 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Meningitis                               | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Multiple sclerosis                       | 25 (10%)  | 25 (16%)       | 0 (0%)                      | 0 (0%)                        |
| Neonatal hypoxic ischemic encephalopathy | 1 (0%)    | 1 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Parkinson's disease                      | 12 (5%)   | 12 (8%)        | 0 (0%)                      | 0 (0%)                        |
| Seizures                                 | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Spinal cord injury                       | 1 (0%)    | 1 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Spinocerebellar ataxia type 2            | 1 (0%)    | 1 (1%)         | 0 (0%)                      | 0 (0%)                        |
| Stroke (hemorrhagic and ischemic)        | 9 (4%)    | 7 (4%)         | 2 (3%)                      | 0 (0%)                        |
| Stroke (hemorrhagic) †                   | 24 (10%)  | 18 (11%)       | 4 (5%)                      | 2 (12%)                       |
| Stroke (ischemic) *                      | 159 (63%) | 80 (51%)       | 64 (83%)                    | 15 (88%)                      |
| Traumatic brain injury †                 | 4 (2%)    | 3 (2%)         | 1 (1%)                      | 0 (0%)                        |

\* One occurrence of acute myocardial infarction and ischemic stroke in a combined population

† One occurrence of stroke (hemorrhagic) and traumatic brain injury in a combined population

## Supplementary Table 2

Table of functional outcomes identified in sample

|                                                                               | Total     | No Grotta bars | Unadjusted Grotta bars only | Contains adjust |
|-------------------------------------------------------------------------------|-----------|----------------|-----------------------------|-----------------|
|                                                                               | (N=359)   | (N=210)        | (N=121)                     | (N=28)          |
| <b>Functional outcome</b>                                                     |           |                |                             |                 |
| Barthel Index                                                                 | 5 (1%)    | 4 (2%)         | 1 (1%)                      | 0 (0%)          |
| Bayley III                                                                    | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Expanded Disability Status Scale                                              | 25 (7%)   | 25 (12%)       | 0 (0%)                      | 0 (0%)          |
| Glasgow Outcome Scale                                                         | 4 (1%)    | 4 (2%)         | 0 (0%)                      | 0 (0%)          |
| Glasgow Outcome Scale - Extended                                              | 3 (1%)    | 2 (1%)         | 1 (1%)                      | 0 (0%)          |
| Glasgow Outcome Scale - Extended (pediatric)                                  | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Gross Motor Function Classification System                                    | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Guillain-Barré Syndrome Disability Scale                                      | 3 (1%)    | 1 (0%)         | 2 (2%)                      | 0 (0%)          |
| Inclusion Body Myositis-Functional Rating Scale                               | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Inflammatory Rasch-Built Overall Disability Scale                             | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| International Cooperative Ataxia Rating Scale                                 | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| International Standards for Neurological Classification of Spinal Cord Injury | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Inventory of Non-Ataxia Signs                                                 | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Katz Index                                                                    | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| King's Outcome Scale for Childhood Head Injury                                | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Lawton-Brody scale                                                            | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Medical Research Council Sum Score                                            | 1 (0%)    | 0 (0%)         | 1 (1%)                      | 0 (0%)          |
| Modified National Institutes of Health Stroke Scale                           | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Modified Rankin Scale                                                         | 179 (50%) | 92 (44%)       | 70 (58%)                    | 17 (61%)        |
| Multiple Sclerosis Severity Score                                             | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)          |
| Multiple Sclerosis Severity Score (pediatric)                                 | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| National Institutes of Health Stroke Scale                                    | 90 (25%)  | 37 (18%)       | 42 (35%)                    | 11 (39%)        |
| National Institutes of Health Stroke Scale (pediatric)                        | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)          |
| Pediatric Cerebral Performance Category Scale                                 | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Pediatric Stroke Outcome Measure                                              | 3 (1%)    | 2 (1%)         | 1 (1%)                      | 0 (0%)          |
| Rankin Scale                                                                  | 1 (0%)    | 0 (0%)         | 1 (1%)                      | 0 (0%)          |
| Rasch-Built Overall Built Disability Score                                    | 1 (0%)    | 0 (0%)         | 1 (1%)                      | 0 (0%)          |
| Scale for Assessment and Rating of Ataxia                                     | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Scales for Outcomes in Parkinson's Disease                                    | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Spinal Cord Independence Measure, Version III                                 | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Stroke Impact Scale 16                                                        | 2 (1%)    | 1 (0%)         | 1 (1%)                      | 0 (0%)          |
| Stroke Levy Scale                                                             | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| The Unified Huntington's Disease Rating Scale - Total Functional Capacity     | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| The Unified Huntington's Disease Rating Scale - Total Motor Score             | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| The Warner Initial Developmental Evaluation of Adaptive and Functional Skills | 1 (0%)    | 1 (0%)         | 0 (0%)                      | 0 (0%)          |
| Unified Huntington's Disease Rating Scale                                     | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)          |
| Unified Parkinson's Disease Rating Scale (composite)                          | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)          |
| Unified Parkinson's Disease Rating Scale-III                                  | 11 (3%)   | 11 (5%)        | 0 (0%)                      | 0 (0%)          |
| Utility-Weighted Modified Rankin Scale                                        | 2 (1%)    | 2 (1%)         | 0 (0%)                      | 0 (0%)          |