**Supplementary File 1. Grasp types, maximums, means, standard deviations in Newton and t-test results**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ADL Task** | **Predominant Grasp type** | **Light tasks** | **Moderate tasks** | **Heavy tasks** | **Pinki L** | **Ring L** | **Middle L** | **Index L** | **Thumb L** | **Pinki Right** | **Ring R** | **Middle R** | **Index R** | **Thumb R** | **Test**  **Gender** |
| **Personal care and Hygiene** | | | | | | | | | | | | | | | |
| Washing hair (\*=BADL) | 13. Precision Sphere | **X** |  |  | MN:0.63  SD:0.74  MIN:0.05  MX:2.8 | MN:0.84  SD:0.83  MIN:0.05  MX:3.04 | MN:1.00  SD:1.13  MIN:0.02  MX:4.5 | MN:0.93  SD:1.04  MIN:0.06  MX:4.49 | MN:0.89  SD:0.71  MIN:0.001  MX:2.37 | MN:0.49  SD:0.43  MIN:0.01  MX:1.43 | MN:0.69  SD:0.64  MIN:0.01  MX:2.29 | MN:0.92  SD:0.66  MIN:0.02  MX:2.68 | MN:1.55  SD:1.83  MIN:0.11  MX:9.11 | MN:2.06  SD:2.33  MIN:0.09  MX:10.38 | p = 0.154 |
| Squeezing water out of a sponge\* | 11. Power Sphere | **X** |  |  | MN:1.94  SD:1.79  MIN:0.003  MX:9.34 | MN:4.37  SD:2.86  MIN:0.18  MX:13.33 | MN:3.6  SD:2.76  MIN:0.07  MX:10.98 | MN:2.01  SD:2.46  MIN:0.001  MX:14.34 | MN:3.53  SD:3.95  MIN:0.59  MX:13.82 | MN:2.1  SD:1.83  MIN:0.04  MX:9.34 | MN:1.95  SD:1.03  MIN:0.12  MX:4.49 | MN:2.04  SD:1.04  MIN:0.26  MX:4.14 | MN:2.58  SD:1.73  MIN:0.24  MX:7.47 | MN:3.19  SD:2.06  MIN:0.26  MX:9.58 | p = 0.000 |
| Opening and closing a tap (large round shape)\* | 27. Quadpod | **X** |  |  | MN:0.82  SD:0.85  MIN:0.001  MX:3.34 | MN:1.74  SD:1.77  MIN:0.001  MX:6.55 | MN:3.3  SD:3.2  MIN:0.09  MX:12.87 | MN:1.69  SD:1.47  MIN:0.78  MX:6.33 | MN:1.91  SD:2.2  MIN:0.002  MX:8.3 | MN:0.71  SD:0.63  MIN:0.02  MX:2.44 | MN:1.06  SD:0.82  MIN:0.08  MX:3.25 | MN:1.83  SD:1.68  MIN:0.05  MX:8.49 | MN:2.32  SD:2.17  MIN:0.06  MX:8.89 | MN:2.71  SD:1.79  MIN:0.15  MX:7.47 | p = 0.003 |
| Carrying a bucket containing three litres of water (\*\*=IADL) | 2. Small Diameter |  | **X** |  | MN:0.31  SD:0.41  MIN:0.001  MX:1.14 | MN:0.71  SD:1.31  MIN:0.06  MX:5.57 | MN:1.02  SD:1.32  MIN:0.001  MX:3.96 | MN:0.4  SD:0.53  MIN:0.01  MX:2.03 | MN:0.71  SD:0.91  MIN:0.001  MX:3.44 | MN:0.09  SD:0.08  MIN:0.004  MX:0.28 | MN:1.22  SD:2.26  MIN:0.02  MX:8.69 | MN:0.74  SD:0.8  MIN:0.015  MX:2.96 | MN:0.53  SD:0.54  MIN:0.04  MX:1.81 | MN:0.75  SD:0.83  MIN:0.02  MX:2.56 | p = 0.275 |
| Carrying a zinc basin containing three litres of water\* | 15. Fixed Hook |  | **X** |  | MN:0.56  SD:0.62  MIN:0.1  MX:1.51 | MN:1.41  SD:1.59  MIN:0.06  MX:6.02 | MN:1.89  SD:2.3  MIN:0.13  MX:7.78 | MN:0.95  SD:0.97  MIN:0.03  MX:3.17 | MN:0.7  SD:0.86  MIN:0.007  MX:3.61 | MN:0.76  SD:0.77  MIN:0.001  MX:2.94 | MN:0.88  SD:0.91  MIN:0.02  MX:3.84 | MN:0.88  SD:0.74  MIN:0.02  MX:2.28 | MN:1.32  SD:1.38  MIN:0.002  MX:4.78 | MN:1.02  SD:0.97  MIN:0.001  MX:2.89 | p = 0.326 |
| Using pegs to secure clothes on a washing line\* | 9. Palmar Pinch |  | **X** |  | MN:0.16  SD:0.2  MIN:0.001  MX:0.58 | MN:0.46  SD:0.47  MIN:0.001  MX:2.14 | MN:0.53  SD:0.55  MIN:0.002  MX:1.97 | MN:1.12  SD:1.07  MIN:0.08  MX:3.57 | MN:3.31  SD:3.93  MIN:0.11  MX:13.83 | MN:0.05  SD:0.05  MIN:0.001  MX:0.11 | MN:0.13  SD:0.15  MIN:0.001  MX:0.4 | MN:0.58  SD:0.63  MIN:0.001  MX:2.58 | MN:2.19  SD:1.29  MIN:0.21  MX:4.33 | MN:3.44  SD:1.78  MIN:0.8  MX:8.89 | p = 0.660 |
| Wringing water out of clothes by hand\* | 3. Medium Wrap | **X** |  |  | MN:0.78  SD:0.98  MIN:0.003  MX:3.08 | MN:1.52  SD:1.7  MIN:0.001  MX:7.19 | MN:2.68  SD:2.5  MIN:0.002  MX:9.58 | MN:2.06  SD:2.62  MIN:0.02  MX:9.83 | MN:3.19  SD:5.2  MIN:0.06  MX:24.77 | MN:0.78  SD:1.23  MIN:0.001  MX:5.26 | MN:1.15  SD:1.8  MIN:0.04  MX:9.58 | MN:1.45  SD:1.12  MIN:0.07  MX:4.09 | MN:2.05  SD:1.61  MIN:0.04  MX:6.44 | MN:2.3  SD:1.45  MIN:0.07  MX:6.33 | p = 0.099 |
| Brushing teeth with a toothbrush\* | 6. Prismatic 4 Fingers | **X** |  |  | MN:0.25  SD:0.02  MIN:0.23  MX:0.27 | MN:0.23  SD:0.26  MIN:0.07  MX:1.01 | MN:0.7  SD:1.08  MIN:0.01  MX:3.06 | MN:0.33  SD:0.22  MIN:0.001  MX:0.63 | MN:0.78  SD:0.71  MIN:0.03  MX:1.99 | MN:0.62  SD:1.16  MIN:0.003  MX:3.41 | MN:1.15  SD:1.45  MIN:0.06  MX:5.26 | MN:0.63  SD:0.57  MIN:0.03  MX:2.05 | MN:1.23  SD:1.85  MIN:0.004  MX:7.78 | MN:2.06  SD:1.98  MIN:0.13  MX:7.62 | p = 0.047 |
| Squeezing toothpaste out of a tube\* standard large | 8. Prismatic 2 Fingers | **X** |  |  | MN:0.1  SD:0.1  MIN:0.001  MX:0.26 | MN:0.56  SD:0.68  MIN:0.06  MX:2.15 | MN:1.25  SD:1.69  MIN:0.001  MX:5.57 | MN:0.86  SD:1.14  MIN:0.03  MX:5.33 | MN:2.72  SD:2.86  MIN:0.008  MX:11.67 | MN:0.43  SD:0.57  MIN:0.01  MX:1.57 | MN:0.8  SD:1.64  MIN:0.001  MX:6.79 | MN:0.73  SD:0.69  MIN:0.02  MX:2.42 | MN:2.59  SD:2.12  MIN:0.03  MX:10.4 | MN:4.16  SD:2.19  MIN:0.26  MX:10.67 | p = 0.131 |
| Putting a t-shirt on\* | 7. Prismatic 3 Fingers | **X** |  |  | MN:0.29  SD:0.4  MIN:0.006  MX:1.52 | MN:0.45  SD:0.72  MIN:0.001  MX:3.72 | MN:0.69  SD:0.77  MIN:0.02  MX:2.36 | MN:1.96  SD:2.28  MIN:0.001  MX:9.39 | MN:2.74  SD:2.71  MIN:0.04  MX:11.31 | MN:0.25  SD:0.32  MIN:0.001  MX:1.13 | MN:0.22  SD:0.19  MIN:0.001  MX:0.72 | MN:0.59  SD:0.78  MIN:0.01  MX:3.31 | MN:2.07  SD:1.94  MIN:0.001  MX:8.69 | MN:2.74  SD:1.69  MIN:0.09  MX:7.47 | p = 0.281 |
| Buckling a belt\* | 7. Prismatic 3 Fingers |  | **X** |  | MN:0.29  SD:0.19  MIN:0.02  MX:0.69 | MN:0.52  SD:0.54  MIN:0.001  MX:2.54 | MN:0.67  SD:0.7  MIN:0.003  MX:2.89 | MN:1.06  SD:1.76  MIN:0.002  MX:7.19 | MN:1.11  SD:0.89  MIN:0.001  MX:2.85 | MN:0.56  SD:0.65  MIN:0.004  MX:2.69 | MN:0.56  SD:0.98  MIN:0.03  MX:4.28 | MN:0.49  SD:0.62  MIN:0.001  MX:2.44 | MN:1.39  SD:1.48  MIN:0.03  MX:5.57 | MN:2.05  SD:1.62  MIN:0.17  MX:5.65 | p = 0.164 |
| **Transport and Moving around** | | | | | | | | | | | | | | | |
| **ADL Task** | **Predominant Grasp type** | **Light tasks** | **Moderate tasks** | **Heavy tasks** | **Pinki L** | **Ring L** | **Middle L** | **Index L** | **Thumb L** | **Pinki Right** | **Ring R** | **Middle R** | **Index R** | **Thumb R** | **Test**  **Gender** |
| Opening a door knob (circular)\*\* | 26. Sphere 4 Fingers |  | **X** |  | MN:0.18  SD:0.12  MIN:0.04  MX:0.26 | MN:0.85  SD:1.05  MIN:0.02  MX:3.79 | MN:1.28  SD:1.16  MIN:0.05  MX:4.18 | MN:1.01  SD:1.1  MIN:0.08  MX:3.28 | MN:2.4  SD:3.44  MIN:0.005  MX:13.33 | MN:0.07  SD:0.09  MIN:0.002  MX:0.21 | MN:2.06  SD:2.82  MIN:0.001  MX:7.47 | MN:1.3  SD:1.14  MIN:0.01  MX:4.38 | MN:2.39  SD:1.99  MIN:0.06  MX:8.69 | MN:2.62  SD:3.72  MIN:0.001  MX:15.54 | p = 0.519 |
| **Home environment (Inside home)** | | | | | | | | | | | | | | | |
| **ADL Task** | **Predominant Grasp type** | **Light tasks** | **Moderate tasks** | **Heavy tasks** | **Pinki L** | **Ring L** | **Middle L** | **Index L** | **Thumb L** | **Pinki Right** | **Ring R** | **Middle R** | **Index R** | **Thumb R** | **Ttest**  **Gender** |
| Carrying a shopping bag\*\* | 15. Fixed Hook | **X** |  |  | MN:0.34  SD:0.45  MIN:0.005  MX:1.64 | MN:0.67  SD:1.06  MIN:0.02  MX:4.91 | MN:1.15  SD:1.37  MIN:0.02  MX:5.49 | MN:0.24  SD:0.25  MIN:0.03  MX:0.95 | MN:0.47  SD:0.4  MIN:0.006  MX:1.54 | MN:0.33  SD:0.26  MIN:0.04  MX:0.79 | MN:1.03  SD:1.75  MIN:0.04  MX:6.23 | MN:0.57  SD:0.46  MIN:0.02  MX:1.61 | MN:0.46  SD:0.68  MIN:0.03  MX:2.73 | MN:0.79  SD:1.17  MIN:0.003  MX:4.54 | p = 0.650 |
| Dusting\*\* | 5. Light Tool | **X** |  |  | MN:0.66  SD:0.42  MIN:0.04  MX:1.42 | MN:0.9  SD:0.77  MIN:0.03  MX:3.91 | MN:0.48  SD:0.44  MIN:0.02  MX:1.35 | MN:0.33  SD:0.4  MIN:0.004  MX:1.41 | MN:1.57  SD:2.55  MIN:0.003  MX:9.34 | MN:0.84  SD:0.73  MIN:0.05  MX:3.25 | MN:0.76  SD:0.72  MIN:0.001  MX:2.99 | MN:0.41  SD:0.5  MIN:0.03  MX:1.84 | MN:1.02  SD:0.76  MIN:0.02  MX:2.14 | MN:2.25  SD:1.33  MIN:0.22  MX:5.18 | p = 0.673 |
| Sweeping the floor with a broom\*\* | 2. Small Diameter | **X** |  |  | MN:0.66  SD:0.93  MIN:0.02  MX:3.88 | MN:0.65  SD:0.78  MIN:0.003  MX:3.22 | MN:0.95  SD:0.85  MIN:0.05  MX:2.47 | MN:0.63  SD:0.73  MIN:0.04  MX:2.62 | MN:1.09  SD:1.14  MIN:0.002  MX:3.47 | MN:0.92  SD:0.94  MIN:0.03  MX:3.09 | MN:1.55  SD:1.41  MIN:0.12  MX:4.38 | MN:0.75  SD:0.74  MIN:0.07  MX:2.13 | MN:0.95  SD:0.71  MIN:0.07  MX:3.14 | MN:1.74  SD:1.79  MIN:0.006  MX:7.05 | p = 0.024 |
| Packing dishes away\*\* | 22. Parallel Extension | **X** |  |  | MN:0.41  SD:0.6  MIN:0.05  MX:2.85 | MN:0.58  SD:0.51  MIN:0.05  MX:2.14 | MN:0.89  SD:0.63  MIN:0.02  MX:2.33 | MN:0.8  SD:0.8  MIN:0.1  MX:3.38 | MN:1.86  SD:1.77  MIN:0.15  MX:6.33 | MN:0.42  SD:0.34  MIN:0.03  MX:1.29 | MN:0.47  SD:0.91  MIN:0.006  MX:3.54 | MN:0.98  SD:0.77  MIN:0.02  MX:3.14 | MN:2.00  SD:1.69  MIN:0.29  MX:9.11 | MN:2.14  SD:0.98  MIN:0.76  MX:4.78 | p = 0.536 |
| Eating with hands\*\* | 14. Tripod | **X** |  |  | MN:0.08  SD:0.06  MIN:0.001  MX:0.15 | MN:0.48  SD:0.88  MIN:0.03  MX:3.5 | MN:0.9  SD:1.03  MIN:0.03  MX:4.05 | MN:0.95  SD:1.05  MIN:0.12  MX:3.84 | MN:0.96  SD:1.16  MIN:0.004  MX:4.97 | MN:0.12  SD:0.13  MIN:0.001  MX:0.39 | MN:0.85  SD:1.58  MIN:0.01  MX:5.41 | MN:0.89  SD:0.77  MIN:0.02  MX:3.22 | MN:1.36  SD:1.23  MIN:0.001  MX:5.04 | MN:1.39  SD:1.47  MIN:0.05  MX:6.33 | p = 0.848 |
| Opening a tight or new jar\*\* | 26. Sphere 4 Fingers/12. Precision Disk |  | **X** |  | MN:0.42  SD:0.55  MIN:0.02  MX:1.7 | MN:2.49  SD:5.04  MIN:0.12  MX:26.52 | MN:2.42  SD:2.64  MIN:0.03  MX:8.69 | MN:2.55  SD:3.13  MIN:0.001  MX:11.31 | MN:3.27  SD:7.11  MIN:0.001  MX:26.5 | MN:0.29  SD:0.39  MIN:0.001  MX:1.53 | MN:1.13  SD:1.39  MIN:0.05  MX:4.33 | MN:1.31  SD:1.18  MIN:0.03  MX:3.64 | MN:3.24  SD:3.15  MIN:0.08  MX:13.33 | MN:4.12  SD:5.64  MIN:0.001  MX:30.89 | p = 0.0006 |
| Lifting a box (1kg) onto a counter\*\* | 4. Adducted Thumb | **X** |  |  | MN:0.51  SD:0.28  MIN:0.29  MX:0.89 | MN:0.76  SD:1.22  MIN:0.03  MX:5.66 | MN:0.63  SD:0.7  MIN:0.01  MX:2.51 | MN:0.82  SD:0.68  MIN:0.001  MX:1.92 | MN:0.16  SD:0.14  MIN:0.001  MX:0.43 | MN:0.27  SD:0.28  MIN:0.03  MX:0.88 | MN:0.38  SD:0.31  MIN:0.02  MX:0.76 | MN:0.76  SD:0.68  MIN:0.12  MX:2.37 | MN:0.54  SD:0.57  MIN:0.02  MX:2.00 | MN:0.07  SD:0.04  MIN:0.04  MX:0.09 | p = 0786 |
| Lifting a box (10kg) onto a counter\*\* | 4. Adducted Thumb |  | **X** |  | MN:1.28  SD:0.88  MIN:0.07  MX:2.76 | MN:2.28  SD:1.46  MIN:0.11  MX:6.33 | MN:2.34  SD:1.35  MIN:0.06  MX:4.66 | MN:1.65  SD:2.02  MIN:0.05  MX:7.95 | MN:0.24  SD:0.29  MIN:0.001  MX:0.77 | MN:2.45  SD:1.76  MIN:0.001  MX:6.33 | MN:1.53  SD:1.23  MIN:0.34  MX:5.11 | MN:1.68  SD:1.01  MIN:0.1  MX:3.61 | MN:1.85  SD:2.04  MIN:0.01  MX:10.98 | MN:0.76  SD:0.97  MIN:0.001  MX:3.47 | p = 0.403 |
| Lifting a box (25kg) onto a counter\*\* | 4. Adducted Thumb |  |  | **X** | MN:1.57  SD:1.23  MIN:0.001  MX:4.91 | MN:2.56  SD:1.78  MIN:0.22  MX:7.32 | MN:2.91  SD:2.25  MIN:0.11  MX:7.62 | MN:2.36  SD:2.59  MIN:0.001  MX:9.34 | MN:0.55  SD:0.85  MIN:0.001  MX:3.06 | MN:2.85  SD:2.54  MIN:0.003  MX:10.67 | MN:1.99  SD:2.65  MIN:0.04  MX:10.37 | MN:1.98  SD:1.1  MIN:0.003  MX:4.14 | MN:2.78  SD:2.01  MIN:0.21  MX:10.38 | MN:0.7  SD:1.35  MIN:0.001  MX:5.04 | p = 0.009 |
| Lifting a pot and putting it down\*\* | 30. Palmar | **X** |  |  | MN:0.61  SD:0.77  MIN:0.04  MX:2.76 | MN:0.96  SD:1.23  MIN:0.01  MX:4.97 | MN:0.88  SD:1.18  MIN:0.11  MX:4.78 | MN:0.78  SD:0.79  MIN:0.02  MX:3.01 | MN:1.11  SD:1.44  MIN:0.001  MX:5.74 | MN:0.32  SD:0.51  MIN:0.002  MX:1.69 | MN:1.74  SD:2.14  MIN:0.01  MX:6.92 | MN:0.66  SD:0.59  MIN:0.03  MX:1.98 | MN:0.62  SD:0.68  MIN:0.002  MX:2.99 | MN:1.29  SD:1.18  MIN:0.001  MX:4.44 | p = 0.788 |
| Opening a can by pulling on the ring\*\* | 33. Inferior Pincher | **X** |  |  | MN:0.26  SD:0.36  MIN:0.001  MX:1.24 | MN:0.54  SD:0.65  MIN:0.001  MX:2.36 | MN:1.14  SD:1.00  MIN:0.001  MX:3.09 | MN:0.78  SD:0.64  MIN:0.03  MX:2.4 | MN:0.83  SD:0.65  MIN:0.012  MX:2.02 | MN:0.36  SD:0.44  MIN:0.001  MX:1.52 | MN:0.65  SD:0.55  MIN:0.07  MX:1.61 | MN:1.1  SD:0.95  MIN:0.001  MX:3.28 | MN:1.6  SD:1.49  MIN:0.05  MX:6.44 | MN:2.02  SD:1.66  MIN:0.08  MX:6.33 | p = 0.085 |
| Cutting with scissors\*\* | 19. Distal | **X** |  |  | MN:0.16  SD:0.1  MIN:0.05  MX:0.33 | MN:0.23  SD:0.27  MIN:0.02  MX:0.76 | MN:0.55  SD:0.61  MIN:0.04  MX:1.73 | MN:0.49  SD:0.5  MIN:0.07  MX:1.87 | MN:0.91  SD:0.95  MIN:0.006  MX:4.05 | MN:0.79  SD:1.05  MIN:0.09  MX:3.61 | MN:0.75  SD:0.51  MIN:0.2  MX:1.39 | MN:0.41  SD:0.48  MIN:0.03  MX:1.63 | MN:0.64  SD:0.74  MIN:0.001  MX:2.62 | MN:1.33  SD:2.11  MIN:0.009  MX:8.12 | p = 0.584 |
| Turning a salt grinder\*\* | 3. Medium Wrap |  | **X** |  | MN:0.33  SD:0.41  MIN:0.01  MX:1.41 | MN:0.62  SD:0.73  MIN:0.02  MX:2.84 | MN:1.37  SD:1.52  MIN:0.02  MX:3.96 | MN:0.79  SD:0.72  MIN:0.02  MX:2.68 | MN:0.84  SD:1.04  MIN:0.01  MX:3.44 | MN:0.51  SD:0.55  MIN:0.07  MX:1.47 | MN:0.75  SD:1.03  MIN:0.02  MX:3.72 | MN:0.79  SD:0.59  MIN:0.01  MX:2.42 | MN:2.13  SD:1.94  MIN:0.1  MX:6.92 | MN:1.53  SD:1.89  MIN:0.004  MX:7.05 | p = 0.039 |
| Moving the couch in the living room\*\* | 1. Large Diameter |  | **X** |  | MN:1.16  SD:0.99  MIN:0.001  MX:3.41 | MN:3.23  SD:3.24  MIN:0.09  MX:11.31 | MN:3.76  SD:3.9  MIN:0.24  MX:16.2 | MN:1.37  SD:1.85  MIN:0.006  MX:7.19 | MN:1.6  SD:2.52  MIN:0.001  MX:10.67 | MN:1.07  SD:1.19  MIN:0.003  MX:4.54 | MN:2.1  SD:3.28  MIN:0.001  MX:13.83 | MN:1.56  SD:1.12  MIN:0.18  MX:4.33 | MN:2.16  SD:1.38  MIN:0.01  MX:5.11 | MN:2.34  SD:1.94  MIN:0.002  MX:6.44 | p = 0.002 |
| **Gardening and Outside home** | | | | | | | | | | | | | | | |
| **ADL Task** | **Predominant Grasp type** | **Light tasks** | **Moderate tasks** | **Heavy tasks** | **Pinki L** | **Ring L** | **Middle L** | **Index L** | **Thumb L** | **Pinki Right** | **Ring R** | **Middle R** | **Index R** | **Thumb R** | **Test**  **Gender** |
| Pruning trees\*\* | 19. Distal |  | **X** |  | MN:0.67  SD:0.84  MIN:0.01  MX:2.96 | MN:1.13  SD:1.44  MIN:0.04  MX:4.49 | MN:1.19  SD:1.00  MIN:0.1  MX:3.47 | MN:1.15  SD:1.13  MIN:0.06  MX:3.84 | MN:1.18  SD:1.2  MIN:0.04  MX:4.66 | MN:2.33  SD:2.97  MIN:0.02  MX:10.38 | MN:1.85  SD:2.54  MIN:0.02  MX:9.83 | MN:1.94  SD:2.04  MIN:0.001  MX:8.89 | MN:1.27  SD:1.42  MIN:0.02  MX:6.12 | MN:1.83  SD:1.39  MIN:0.35  MX:6.12 | p = 0.492 |
| Washing a car\*\* | 17. Index Finger Extension | **X** |  |  | MN:0.41  SD:0.46  MIN:0.002  MX:1.86 | MN:1.16  SD:0.9  MIN:0.06  MX:3.64 | MN:1.03  SD:0.92  MIN:0.07  MX:4.49 | MN:0.91  SD:0.77  MIN:0.03  MX:2.89 | MN:1.47  SD:1.61  MIN:0.03  MX:7.19 | MN:0.76  SD:0.66  MIN:0.001  MX:2.62 | MN:0.79  SD:1.12  MIN:0.001  MX:6.12 | MN:1.01  SD:1.15  MIN:0.001  MX:6.55 | MN:1.39  SD:0.89  MIN:0.03  MX:3.79 | MN:2.1  SD:3.09  MIN:0.42  MX:17.75 | p = 0.002 |
| **Other (tasks not included in above sections)** | | | | | | | | | | | | | | | |
| **ADL Task** | **Predominant Grasp type** | **Light tasks** | **Moderate tasks** | **Heavy tasks** | **Pinki L** | **Ring L** | **Middle L** | **Index L** | **Thumb L** | **Pinki Right** | **Ring R** | **Middle R** | **Index R** | **Thumb R** | **Test**  **Gender** |
| Using a manual cellular phone\*\* | 16. Lateral | **X** |  |  | MN:0.32  SD:0.32  MIN:0.07  MX:1.17 | MN:0.53  SD:1.18  MIN:0.03  MX:5.04 | MN:0.7  SD:1.18  MIN:0.04  MX:4.05 | MN:0.3  SD:0.2  MIN:0.05  MX:0.67 | MN:1.69  SD:1.8  MIN:0.002  MX:6.79 | MN:0.28  SD:0.27  MIN:0.009  MX:0.66 | MN:0.31  SD:0.41  MIN:0.001  MX:1.48 | MN:0.57  SD:0.44  MIN:0.09  MX:1.88 | MN:0.91  SD:0.72  MIN:0.04  MX:2.72 | MN:1.46  SD:0.86  MIN:0.12  MX:3.28 | p = 0.430 |
| Using the television remote\*\* | 32. Ventral | **X** |  |  | MN:0.04  SD:0.04  MIN:0.01  MX:0.09 | MN:0.3  SD:0.29  MIN:0.005  MX:0.93 | MN:0.54  SD:0.47  MIN:0.04  MX:1.14 | MN:0.35  SD:0.27  MIN:0.03  MX:0.86 | MN:1.45  SD:1.59  MIN:0.05  MX:6.12 | MN:0.44  SD:0.71  MIN:0.001  MX:2.28 | MN:0.55  SD:0.67  MIN:0.001  MX:2.12 | MN:0.69  SD:0.74  MIN:0.001  MX:3.01 | MN:1.15  SD:1.04  MIN:0.05  MX:4.14 | MN:2.16  SD:1.13  MIN:0.52  MX:4.78 | p = 0.204 |
| Handling money\*\* | 25. Lateral Tripod | **X** |  |  | MN:0.18  SD:0.18  MIN:0.001  MX:0.53 | MN:00.34  SD:0.29  MIN:0.03  MX:1.26 | MN:0.69  SD:0.77  MIN:0.02  MX:2.36 | MN:0.85  SD:0.85  MIN:0.03  MX:3.06 | MN:0.81  SD:0.61  MIN:0.001  MX:1.72 | MN:0.25  SD:0.24  MIN:0.001  MX:0.79 | MN:0.35  SD:0.43  MIN:0.009  MX:1.29 | MN:0.56  SD:0.55  MIN:0.01  MX:2.51 | MN:0.83  SD:0.58  MIN:0.07  MX:2.36 | MN:0.81  SD:0.69  MIN:0.05  MX:2.99 | p = 0.931 |

\*BADL = Basic activities of daily living

\*\*IADL = Instrumental activities of daily living

MN = Mean

SD = Standard deviation

MIN = Minimum

MX = Maximum