**Supplementary Table.** Outcome measures at baseline and after treatment (week 4)

|                  | Pelvic off group (n = 11) | Pelvic on group (n = 12) | CIMT group (n = 10) | Control group (n = 10) |
|------------------|---------------------------|--------------------------|---------------------|------------------------|
| **10MWT (m/s)**  | Mean ± SD                 | Median [IQR]              | Mean ± SD           | Median [IQR]           |
| Baseline         | 0.6 ± 0.2                 | 0.7 [0.5, 0.7]           | 0.6 ± 0.2           | 0.6 [0.5, 0.8]         |
| Week 4           | 0.7 ± 0.2                 | 0.8 [0.5, 0.9]           | 0.8 ± 0.3           | 0.7 [0.6, 0.8]         |
| **BBS**          | Mean ± SD                 | Median [IQR]              | Mean ± SD           | Median [IQR]           |
| Baseline         | 43.8 ± 4.2                | 46.0 [44.0, 47.0]        | 47.8 ± 4.5          | 48.0 [47.0, 49.5]      |
| Week 4           | 46.7 ± 3.5                | 51.2 [49.0, 54.5]        | 50.0 ± 3.6          | 49.1 [49.0, 51.0]      |
| **FAC**          | Mean ± SD                 | Median [IQR]              | Mean ± SD           | Median [IQR]           |
| Baseline         | 4.0 ± 0.6                 | 4.0 [4.0, 4.0]           | 4.5 ± 0.7           | 4.9 [4.0, 5.0]         |
| Week 4           | 4.2 ± 0.6                 | 4.8 [4.0, 4.5]           | 4.7 ± 0.5           | 5.0 [4.0, 5.0]         |
| **TUG (s)**      | Mean ± SD                 | Median [IQR]              | Mean ± SD           | Median [IQR]           |
| Baseline         | 21.3 ± 9.4                | 18.5 [13.3, 23.8]        | 18.2 ± 6.0          | 18.4 [14.4, 22.6]      |
|                  |                           | 20.8 [15.5, 25.1]        | 18.9 [15.4, 21.3]   | 16.5 [14.4, 22.6]      |
| MI-Lower, paretic side | Week 4 Mean ± SD | Median [IQR] | Median [IQR] | Median [IQR] |
|-------------------------|------------------|--------------|--------------|--------------|
| Baseline Mean ± SD      | 20.1 ± 9.7       | 18.3 [13.9, 22.0] | 13.3 [12.4, 15.6] | 15.6 [13.8, 17.0] | 17.5 [13.4, 21.7] |
| 53.3 ± 4.7              | 53.0 [48.0, 58.0] | 62.0 [58.5, 67.5] | 59.0 [53.0, 64.0] | 61.5 [58.0, 64.0] |

| Week 4 Mean ± SD        | 59.2 ± 4.8       | 59.0 [55.5, 64.0] | 65.0 [64.0, 76.0] | 65.0 [59.0, 76.0] | 64.0 [59.0, 70.0] |
| Median [IQR]            | 59.0 [55.5, 64.0] | 76.0 [70.0] | 76.0 [70.0] | 70.0 [70.0] | 70.0 [70.0] |

CIMT, Constraint-Induced Movement Therapy; 10MWT, 10-Meter Walk Test; IQR, interquartile range; BBS, Berg Balance Scale; FAC, Functional Ambulation Category; TUG, Time Up and Go; MI-Lower, motricity index of the lower extremities.