| **rowname** | **level** | **Dysmenorrhea** | **Dysmenorrhea.plus.Bladder.Pain** | **Pain.Free.Control** | **p** | **test** | **p\_dys\_dysb** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| n |  | 203 | 87 | 46 |  |  |  |
| Promis physical function (median [IQR]) |  | 57.00 [57.00, 57.00] | 57.00 [57.00, 57.00] | 57.00 [57.00, 57.00] | 0.003 | nonnorm | 0.043 |
| Promis anxiety (median [IQR]) |  | 57.70 [51.20, 61.40] | 57.70 [53.70, 62.40] | 53.70 [48.80, 59.50] | 0.014 | nonnorm | 0.146 |
| Promis depression (median [IQR]) |  | 49.00 [41.00, 55.70] | 53.90 [41.00, 59.70] | 41.00 [41.00, 51.80] | <0.001 | nonnorm | 0.003 |
| Promis fatigue (median [IQR]) |  | 51.00 [46.00, 58.80] | 55.10 [48.60, 60.70] | 48.60 [46.00, 53.10] | 0.004 | nonnorm | 0.136 |
| Promis sleep disturbance (median [IQR]) |  | 50.50 [43.80, 54.30] | 52.40 [48.40, 56.10] | 46.20 [41.10, 50.50] | <0.001 | nonnorm | 0.031 |
| Promis social roles (median [IQR]) |  | 55.80 [51.90, 64.20] | 53.70 [48.10, 64.20] | 58.30 [52.35, 64.20] | 0.022 | nonnorm | 0.043 |
| Promis pain interference (median [IQR]) |  | 41.60 [41.60, 52.00] | 49.60 [41.60, 53.90] | 41.60 [41.60, 41.60] | <0.001 | nonnorm | 0.007 |
| Promis cognitive function (median [IQR]) |  | 50.50 [47.30, 54.70] | 50.50 [44.30, 50.50] | 54.70 [50.50, 61.20] | <0.001 | nonnorm | 0.012 |
| Promis average pain (median [IQR]) |  | 1.00 [0.00, 2.00] | 2.00 [1.00, 3.50] | 0.00 [0.00, 1.00] | <0.001 | nonnorm | <0.001 |
| Promis PROPr (median [IQR]) |  | 0.56 [0.39, 0.69] | 0.46 [0.32, 0.59] | 0.65 [0.57, 0.74] | <0.001 | nonnorm | 0.001 |
| Promis positive affect (ped) (median [IQR]) |  | 46.20 [41.60, 48.70] | 41.60 [39.50, 48.70] | 43.80 [39.50, 48.70] | 0.022 | nonnorm | 0.008 |
| Promis belly pain (median [IQR]) |  | 47.00 [33.90, 56.50] | 49.90 [43.30, 57.45] | 33.90 [33.90, 49.50] | <0.001 | nonnorm | 0.051 |
| PCS-T (median [IQR]) |  | 11.00 [3.00, 23.50] | 12.00 [6.00, 23.50] | 4.00 [2.00, 8.75] | <0.001 | nonnorm | 0.515 |
| PCS-R (median [IQR]) |  | 5.00 [1.00, 10.00] | 5.00 [2.00, 8.00] | 2.00 [1.00, 4.00] | 0.001 | nonnorm | 0.819 |
| PCS-M (median [IQR]) |  | 2.00 [0.00, 4.00] | 2.00 [1.00, 5.00] | 1.00 [0.00, 2.00] | 0.001 | nonnorm | 0.088 |
| PCS-H (median [IQR]) |  | 4.00 [1.00, 9.50] | 5.00 [2.00, 9.00] | 1.00 [0.00, 3.00] | <0.001 | nonnorm | 0.567 |
| GSS (median [IQR]) |  | 6.00 [6.00, 6.00] | 6.00 [6.00, 6.00] | NA [NA, NA] | NaN | nonnorm | NaN |
| MacArthur U.S. standing (median [IQR]) |  | 5.00 [4.00, 7.00] | 6.00 [5.00, 6.00] | 7.00 [6.00, 7.00] | <0.001 | nonnorm | 0.979 |
| MacArthur community standing (median [IQR]) |  | 5.00 [4.00, 6.00] | 5.00 [4.00, 7.00] | 5.00 [4.00, 7.00] | 0.822 | nonnorm | 0.798 |
| ACES (median [IQR]) |  | 1.00 [0.00, 3.00] | 2.00 [0.00, 4.00] | 1.00 [0.00, 2.75] | 0.079 | nonnorm | 0.038 |
| Perceived stress (median [IQR]) |  | 16.00 [11.00, 21.00] | 20.00 [14.00, 23.00] | 14.00 [11.25, 18.00] | 0.001 | nonnorm | 0.008 |
| GSRS (median [IQR]) |  | 23.00 [19.00, 31.50] | 30.00 [22.00, 37.00] | 19.00 [16.00, 24.50] | <0.001 | nonnorm | <0.001 |
| ICSI (median [IQR]) |  | 3.00 [2.00, 6.00] | 5.00 [2.00, 7.00] | 3.00 [1.00, 4.00] | <0.001 | nonnorm | 0.002 |
| GUPI (median [IQR]) |  | 7.00 [3.00, 12.00] | 10.00 [6.00, 15.50] | 3.00 [1.25, 6.75] | <0.001 | nonnorm | 0.005 |
| Time to FS (mins) (median [IQR]) |  | 22.00 [15.00, 33.00] | 19.00 [12.25, 28.75] | 25.00 [16.00, 37.50] | 0.084 | nonnorm | 0.064 |
| Time to FU (mins) (median [IQR]) |  | 43.00 [32.75, 54.00] | 44.00 [31.25, 53.00] | 50.00 [39.00, 65.00] | 0.042 | nonnorm | 0.865 |
| Time to MT (mins) (median [IQR]) |  | 71.50 [55.25, 87.75] | 60.50 [48.25, 75.50] | 78.00 [57.75, 89.75] | 0.003 | nonnorm | 0.003 |
| FS bladder urgency (VAS) (median [IQR]) |  | 16.00 [9.00, 25.00] | 23.00 [17.00, 38.00] | 15.00 [6.50, 20.00] | <0.001 | nonnorm | <0.001 |
| FS bladder pain (VAS) (median [IQR]) |  | 0.00 [0.00, 1.00] | 10.00 [2.25, 25.00] | 0.00 [0.00, 1.00] | <0.001 | nonnorm | <0.001 |
| FU bladder urgency (VAS) (median [IQR]) |  | 40.00 [31.75, 50.00] | 52.00 [38.50, 62.50] | 38.00 [28.00, 50.50] | <0.001 | nonnorm | <0.001 |
| FU bladder pain (VAS) (median [IQR]) |  | 1.00 [0.00, 6.00] | 30.00 [22.00, 50.00] | 0.00 [0.00, 6.00] | <0.001 | nonnorm | <0.001 |
| MT bladder urgency (VAS) (median [IQR]) |  | 83.00 [73.50, 91.00] | 84.00 [76.00, 91.00] | 82.00 [76.50, 89.00] | 0.711 | nonnorm | 0.486 |
| MT bladder pain (VAS) (median [IQR]) |  | 13.00 [1.00, 30.00] | 57.50 [42.25, 70.00] | 9.00 [0.00, 27.00] | <0.001 | nonnorm | <0.001 |
| MT sharp pain (VAS) (median [IQR]) |  | 1.00 [0.00, 14.50] | 36.50 [11.00, 60.00] | 0.00 [0.00, 16.00] | <0.001 | nonnorm | <0.001 |
| MT pressing pain (VAS) (median [IQR]) |  | 26.00 [6.00, 56.50] | 62.00 [50.00, 76.00] | 11.00 [1.00, 40.00] | <0.001 | nonnorm | <0.001 |
| Understanding of bladder task (%) | No | 3 (1.5) | 2 (2.3) | 0 (0.0) | 0.589 |  | 0.999 |
|  | Yes | 198 (98.5) | 84 (97.7) | 44 (100.0) |  |  |  |
| Focus during bladder task (VAS) (median [IQR]) |  | 78.00 [66.00, 90.00] | 80.00 [67.00, 91.00] | 75.50 [61.50, 89.25] | 0.294 | nonnorm | 0.474 |