| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_nm | 4.3 [3.3-6.2] (n=8) | 6.6 [5.3-8.0] (n=4) | 1.846154 | 0.17423139 |
| avg\_anterior\_outer\_nm | 6.9 [6.3-7.8] (n=8) | 9.0 [8.6-9.9] (n=4) | 4.892105 | 0.02697977 |
| avg\_contractions\_nm | 0.0 [0.0-1.8] (n=7) | 0.0 [0.0-0.0] (n=3) | 1.592398 | 0.20698380 |
| avg\_frame\_duration\_nm | 19.9 [15.6-20.4] (n=3) | NA [NA-NA] (n=0) |  |  |
| avg\_posterior\_jz\_nm | 3.8 [3.0-5.9] (n=8) | 7.0 [5.3-8.9] (n=4) | 1.846154 | 0.17423139 |
| avg\_posterior\_outer\_nm | 7.2 [5.4-7.7] (n=7) | 9.7 [8.1-11.5] (n=4) | 4.321429 | 0.03763531 |