| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** | **n** |
| --- | --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_v1 | 6.2 [5.7-6.8] | 6.6 [5.9-7.4] | 0.0000000 | 1.00000000 | 6 |
| avg\_anterior\_jz\_v2 | 3.3 [3.0-3.6] | 6.6 [6.0-7.3] | 3.4285714 | 0.06407751 | 6 |
| avg\_anterior\_outer\_v1 | 6.9 [6.7-7.2] | 10.6 [9.9-11.3] | 3.4285714 | 0.06407751 | 6 |
| avg\_anterior\_outer\_v2 | 7.0 [5.7-8.5] | 8.4 [8.2-8.6] | 0.8571429 | 0.35453948 | 6 |
| avg\_contractions\_v1 | 0.0 [0.0-0.6] | 0.0 [0.0-0.0] | 0.3333333 | 0.56370286 | 4 |
| avg\_contractions\_v2 | 1.1 [0.0-5.7] | 0.0 [0.0-0.0] | 1.2000000 | 0.27332168 | 6 |
| avg\_frame\_duration\_v1 | 19.9 [19.9-19.9] | NA [NA-NA] |  |  |  |
| avg\_frame\_duration\_v2 | 16.0 [13.6-18.4] | NA [NA-NA] |  |  |  |
| avg\_posterior\_jz\_v1 | 6.1 [5.2-7.3] | 7.4 [6.3-8.4] | 0.0000000 | 1.00000000 | 6 |
| avg\_posterior\_jz\_v2 | 2.9 [2.6-3.3] | 6.9 [6.0-7.8] | 3.4285714 | 0.06407751 | 6 |
| avg\_posterior\_outer\_v1 | 6.5 [5.5-7.6] | 10.2 [9.2-11.2] | 3.4285714 | 0.06407751 | 6 |
| avg\_posterior\_outer\_v2 | 7.2 [5.8-9.1] | 9.4 [8.6-10.3] | 1.3333333 | 0.24821308 | 5 |