| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **df** | **p\_value** |
| --- | --- | --- | --- | --- | --- |
| avg\_contractions\_v1 | 0.0 [0.0-0.6] | 0.0 [0.0-0.0] | 0.3333333 | 1 | 0.56370286 |
| avg\_frame\_duration\_v1 | 19.9 [19.9-19.9] | NA [NA-NA] |  |  |  |
| avg\_anterior\_jz\_v1 | 6.2 [5.7-6.8] | 6.6 [5.9-7.4] | 0.0000000 | 1 | 1.00000000 |
| avg\_anterior\_outer\_v1 | 6.9 [6.7-7.2] | 10.6 [9.9-11.3] | 3.4285714 | 1 | 0.06407751 |
| avg\_posterior\_jz\_v1 | 6.1 [5.2-7.3] | 7.4 [6.3-8.4] | 0.0000000 | 1 | 1.00000000 |
| avg\_posterior\_outer\_v1 | 6.5 [5.5-7.6] | 10.2 [9.2-11.2] | 3.4285714 | 1 | 0.06407751 |
| avg\_contractions\_v2 | 2.5 [1.5-3.0] | 4.0 [4.0-4.0] | 2.1052632 | 1 | 0.14679309 |
| avg\_frame\_duration\_v2 | 29.7 [29.5-30.0] | 19.4 [19.4-19.4] | 1.8000000 | 1 | 0.17971249 |
| avg\_anterior\_jz\_v2 | 5.8 [5.2-6.5] | 7.3 [6.4-8.2] | 0.8571429 | 1 | 0.35453948 |
| avg\_anterior\_outer\_v2 | 7.4 [6.6-8.3] | 9.5 [8.4-10.6] | 0.8571429 | 1 | 0.35453948 |
| avg\_posterior\_jz\_v2 | 6.0 [4.8-7.2] | 7.1 [6.1-8.1] | 0.8571429 | 1 | 0.35453948 |
| avg\_posterior\_outer\_v2 | 7.0 [6.2-7.5] | 9.1 [7.6-10.5] | 0.2142857 | 1 | 0.64342884 |
| avg\_contractions\_v1\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_frame\_duration\_v1\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_jz\_v1\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_outer\_v1\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_jz\_v1\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_outer\_v1\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_contractions\_v1\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_frame\_duration\_v1\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_jz\_v1\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_outer\_v1\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_jz\_v1\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_outer\_v1\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_contractions\_v2\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_frame\_duration\_v2\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_jz\_v2\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_outer\_v2\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_jz\_v2\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_outer\_v2\_s1 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_contractions\_v2\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_frame\_duration\_v2\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_jz\_v2\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_anterior\_outer\_v2\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_jz\_v2\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |
| avg\_posterior\_outer\_v2\_s2 | NA [NA-NA] | NA [NA-NA] |  |  |  |