| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m | 6.2 [5.2-7.8] (n=33) | 6.5 [5.2-7.6] (n=8) | 0.027065708 | 0.869324489590577620390 |
| avg\_anterior\_jz\_v1\_s1 | 5.7 [4.1-6.8] (n=68) | 5.3 [4.1-7.6] (n=15) | 0.045379104 | 0.831308464180273598565 |
| avg\_anterior\_jz\_v2\_s1 | 5.2 [4.6-6.3] (n=34) | 5.8 [5.1-6.3] (n=13) | 0.615985841 | 0.432542895939515670278 |
| avg\_anterior\_outer\_m | 6.4 [4.8-7.8] (n=32) | 7.3 [6.0-9.6] (n=8) | 2.526481560 | 0.111949589990258002725 |
| avg\_anterior\_outer\_v1\_s1 | 7.7 [6.3-9.4] (n=68) | 5.8 [4.8-7.4] (n=14) | 4.948112042 | 0.026119176514963694108 |
| avg\_anterior\_outer\_v2\_s1 | 7.6 [6.2-9.6] (n=34) | 6.3 [5.2-10.2] (n=13) | 1.414027149 | 0.234389012300442289849 |
| avg\_contractions\_m | 3.0 [2.0-5.1] (n=35) | 3.1 [0.8-3.8] (n=6) | 0.167026492 | 0.682768092528824643850 |
| avg\_contractions\_v1\_s1 | 3.0 [2.0-6.0] (n=72) | 2.0 [0.0-4.2] (n=16) | 1.562087177 | 0.211359878974333698087 |
| avg\_contractions\_v2\_s1 | 4.0 [2.0-5.0] (n=35) | 2.0 [0.0-4.0] (n=13) | 2.426043883 | 0.119333724048238234983 |
| avg\_frame\_duration\_m | 28.9 [19.8-38.4] (n=32) | 20.0 [19.4-23.4] (n=5) | 1.438815789 | 0.230331067592371679931 |
| avg\_frame\_duration\_v1\_s1 | 23.4 [15.9-31.0] (n=54) | 24.3 [14.2-45.2] (n=8) | 0.011022928 | 0.916383639448976716757 |
| avg\_frame\_duration\_v2\_s1 | 24.9 [20.5-35.1] (n=29) | 27.0 [22.4-34.1] (n=6) | 0.068965517 | 0.792848982628223453162 |
| avg\_posterior\_jz\_m | 7.0 [4.8-8.5] (n=34) | 6.1 [4.9-7.3] (n=8) | 0.296655857 | 0.585986533079684734915 |
| avg\_posterior\_jz\_v1\_s1 | 5.7 [4.2-7.3] (n=69) | 5.4 [4.1-8.1] (n=15) | 0.046684662 | 0.828936038567450128589 |
| avg\_posterior\_jz\_v2\_s1 | 5.7 [4.7-7.4] (n=35) | 5.5 [4.6-7.1] (n=13) | 0.002153417 | 0.962987515011287542599 |
| avg\_posterior\_outer\_m | 7.1 [4.8-8.6] (n=33) | 7.0 [5.8-9.1] (n=8) | 0.370464974 | 0.542750926610977790787 |
| avg\_posterior\_outer\_v1\_s1 | 8.0 [6.5-9.6] (n=68) | 7.6 [5.9-8.9] (n=14) | 1.046229874 | 0.306376981290654160084 |
| avg\_posterior\_outer\_v2\_s1 | 8.3 [7.2-10.7] (n=35) | 7.1 [6.1-8.8] (n=13) | 1.718281198 | 0.189914442961855084446 |
| menses\_scan\_1\_pain | 6.5 [5.0-7.5] (n=110) | 0.0 [0.0-0.0] (n=25) | 61.545380091 | 0.000000000000004326556 |