| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.8 [4.5-7.2] (n=101) | 5.3 [4.9-7.5] (n=25) | 0.006820235 | 0.93418176 |
| avg\_anterior\_outer\_m\_s1 | 7.0 [5.7-8.9] (n=100) | 6.6 [5.4-8.9] (n=25) | 0.225874300 | 0.63459999 |
| avg\_contractions\_m\_s1 | 3.4 [2.0-5.5] (n=106) | 1.5 [0.0-3.9] (n=26) | 5.850249143 | 0.01557485 |
| avg\_frame\_duration\_m\_s1 | 26.5 [19.9-34.0] (n=91) | 28.7 [18.5-31.5] (n=15) | 0.045373318 | 0.83131906 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.6] (n=103) | 5.1 [4.3-7.8] (n=25) | 0.394515690 | 0.52993526 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.2-9.2] (n=101) | 7.0 [6.1-8.7] (n=25) | 0.738725552 | 0.39006944 |