| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.8 [4.5-7.2] (n=101) | 5.3 [4.9-7.4] (n=23) | 0.005951132 | 0.93850933 |
| avg\_anterior\_outer\_m\_s1 | 7.0 [5.7-8.9] (n=100) | 6.6 [5.4-9.2] (n=23) | 0.151478024 | 0.69712689 |
| avg\_contractions\_m\_s1 | 3.4 [2.0-5.5] (n=106) | 1.2 [0.0-3.8] (n=23) | 5.267566883 | 0.02172636 |
| avg\_frame\_duration\_m\_s1 | 26.5 [19.9-34.0] (n=91) | 28.7 [19.4-32.2] (n=13) | 0.006979833 | 0.93341788 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.6] (n=103) | 5.1 [4.3-7.5] (n=23) | 0.439756135 | 0.50724018 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.2-9.2] (n=101) | 6.7 [6.1-8.8] (n=23) | 0.320037623 | 0.57158504 |