| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.8 [4.5-7.2] (n=97) | 5.3 [4.9-7.5] (n=25) | 0.04650911 | 0.8292530 |
| avg\_anterior\_outer\_m\_s1 | 7.0 [5.7-8.9] (n=96) | 6.6 [5.4-8.9] (n=25) | 0.13316070 | 0.7151772 |
| avg\_contractions\_m\_s1 | 3.0 [2.0-5.2] (n=103) | 2.5 [0.0-4.0] (n=25) | 2.65372575 | 0.1033075 |
| avg\_frame\_duration\_m\_s1 | 27.2 [19.9-35.1] (n=89) | 26.0 [19.0-31.1] (n=16) | 0.29581832 | 0.5865159 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.8] (n=99) | 5.1 [4.3-7.8] (n=25) | 0.54469309 | 0.4604942 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.0-9.3] (n=97) | 7.0 [6.1-8.7] (n=25) | 0.72782128 | 0.3935903 |