| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.8 [4.5-7.2] (n=97) | 5.3 [4.9-7.4] (n=23) | 0.04410954 | 0.83364995 |
| avg\_anterior\_outer\_m\_s1 | 7.0 [5.7-8.9] (n=96) | 6.6 [5.4-9.2] (n=23) | 0.07989443 | 0.77744052 |
| avg\_contractions\_m\_s1 | 3.0 [2.0-5.2] (n=103) | 2.1 [0.2-3.9] (n=22) | 2.94029289 | 0.08639507 |
| avg\_frame\_duration\_m\_s1 | 27.2 [19.9-35.1] (n=89) | 26.3 [19.6-31.8] (n=14) | 0.06750833 | 0.79499980 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.8] (n=99) | 5.1 [4.3-7.5] (n=23) | 0.59662312 | 0.43986937 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.0-9.3] (n=97) | 6.7 [6.1-8.8] (n=23) | 0.32118055 | 0.57089904 |