| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.6 [4.4-7.2] (n=102) | 5.3 [5.0-7.4] (n=23) | 0.06017575 | 0.8062184 |
| avg\_anterior\_outer\_m\_s1 | 7.1 [5.8-9.0] (n=102) | 5.9 [5.2-7.7] (n=23) | 2.14761805 | 0.1427913 |
| avg\_contractions\_m\_s1 | 3.2 [2.0-5.5] (n=107) | 3.0 [1.0-4.0] (n=23) | 1.50596582 | 0.2197557 |
| avg\_frame\_duration\_m\_s1 | 26.3 [19.9-34.0] (n=92) | 21.7 [17.8-31.1] (n=16) | 0.54036199 | 0.4622827 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.6] (n=104) | 5.2 [4.4-7.5] (n=23) | 0.25084641 | 0.6164797 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.3-9.2] (n=102) | 7.0 [6.0-8.8] (n=23) | 0.30375650 | 0.5815370 |