| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.8 [4.5-7.2] (n=102) | 5.3 [4.9-7.4] (n=23) | 0.01105262 | 0.91627151 |
| avg\_anterior\_outer\_m\_s1 | 7.0 [5.7-8.9] (n=101) | 6.6 [5.4-9.2] (n=23) | 0.12729842 | 0.72124974 |
| avg\_contractions\_m\_s1 | 3.2 [2.0-5.5] (n=107) | 2.1 [0.2-3.9] (n=22) | 2.85877220 | 0.09087684 |
| avg\_frame\_duration\_m\_s1 | 26.5 [19.9-34.0] (n=91) | 26.3 [19.6-31.8] (n=14) | 0.01501733 | 0.90246725 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.8] (n=104) | 5.1 [4.3-7.5] (n=23) | 0.50491954 | 0.47734646 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.1-9.2] (n=102) | 6.7 [6.1-8.8] (n=23) | 0.26307998 | 0.60801202 |