| **Variable** | **Dysmenorrhea** | **Pain Free Control** | **Chi\_Square** | **p\_value** |
| --- | --- | --- | --- | --- |
| avg\_anterior\_jz\_m\_s1 | 5.8 [4.5-7.2] (n=102) | 5.3 [4.9-7.5] (n=25) | 0.01191218 | 0.9130891 |
| avg\_anterior\_outer\_m\_s1 | 7.0 [5.7-8.9] (n=101) | 6.6 [5.4-8.9] (n=25) | 0.19670096 | 0.6573970 |
| avg\_contractions\_m\_s1 | 3.2 [2.0-5.5] (n=107) | 2.5 [0.0-4.0] (n=25) | 2.60779080 | 0.1063398 |
| avg\_frame\_duration\_m\_s1 | 26.5 [19.9-34.0] (n=91) | 26.0 [19.0-31.1] (n=16) | 0.15453297 | 0.6942406 |
| avg\_posterior\_jz\_m\_s1 | 5.9 [4.5-7.8] (n=104) | 5.1 [4.3-7.8] (n=25) | 0.45335502 | 0.5007460 |
| avg\_posterior\_outer\_m\_s1 | 7.8 [6.1-9.2] (n=102) | 7.0 [6.1-8.7] (n=25) | 0.65035184 | 0.4199869 |