| *Motion.Parameter* | *Metric* | *Mean.Difference* | *t* | *p.perm* |
| --- | --- | --- | --- | --- |
| X | Mean | -0.005 (-0.011 0.001) | -1.614 | 0.122 |
| Y | Mean | -0.01 (-0.037 0.009) | -0.838 | 0.588 |
| Z | Mean | -0.048 (-0.102 -0.005) | -1.898 | 0.056 |
| Pitch | Mean | -0.069 (-0.132 -0.02) | -2.356 | **0.007** |
| Roll | Mean | -0.031 (-0.045 -0.019) | -4.596 | **0.000** |
| Yaw | Mean | -0.016 (-0.028 -0.006) | -2.953 | **0.002** |
| X | Median | -0.001 (-0.005 0.002) | -0.608 | 0.552 |
| Y | Median | 0.001 (-0.009 0.01) | 0.171 | 0.874 |
| Z | Median | -0.017 (-0.043 0.004) | -1.425 | 0.166 |
| Pitch | Median | -0.031 (-0.055 -0.007) | -2.374 | **0.023** |
| Roll | Median | -0.018 (-0.025 -0.011) | -4.674 | **0.000** |
| Yaw | Median | -0.008 (-0.014 -0.002) | -2.748 | **0.011** |
| X | SD | -0.009 (-0.019 -0.001) | -1.890 | **0.043** |
| Y | SD | -0.026 (-0.075 0.004) | -1.141 | 0.216 |
| Z | SD | -0.082 (-0.179 -0.01) | -1.838 | **0.040** |
| Pitch | SD | -0.105 (-0.231 -0.026) | -1.896 | **0.004** |
| Roll | SD | -0.038 (-0.061 -0.021) | -3.574 | **0.000** |
| Yaw | SD | -0.027 (-0.057 -0.008) | -2.009 | **0.001** |

X, Mean Sherlock (M = 0.02; SD = 0.008) and FNL (M = 0.025; SD = 0.013) t = -1.614, p = .122

Y, Mean Sherlock (M = 0.056; SD = 0.018) and FNL (M = 0.066; SD = 0.058) t = -0.838, p = .588

Z, Mean Sherlock (M = 0.078; SD = 0.033) and FNL (M = 0.126; SD = 0.123) t = -1.898, p = .056

Pitch, Mean Sherlock (M = 0.083; SD = 0.046) and FNL (M = 0.152; SD = 0.138) t = -2.356, p = .007

Roll, Mean Sherlock (M = 0.027; SD = 0.013) and FNL (M = 0.058; SD = 0.03) t = -4.596, p < .001

Yaw, Mean Sherlock (M = 0.023; SD = 0.012) and FNL (M = 0.039; SD = 0.024) t = -2.953, p = .002

X, Median Sherlock (M = 0.015; SD = 0.005) and FNL (M = 0.016; SD = 0.007) t = -0.608, p = .552

Y, Median Sherlock (M = 0.045; SD = 0.014) and FNL (M = 0.044; SD = 0.018) t = 0.171, p = .874

Z, Median Sherlock (M = 0.059; SD = 0.025) and FNL (M = 0.077; SD = 0.055) t = -1.425, p = .166

Pitch, Median Sherlock (M = 0.062; SD = 0.033) and FNL (M = 0.093; SD = 0.052) t = -2.374, p = .023

Roll, Median Sherlock (M = 0.02; SD = 0.009) and FNL (M = 0.038; SD = 0.016) t = -4.674, p < .001

Yaw, Median Sherlock (M = 0.017; SD = 0.008) and FNL (M = 0.025; SD = 0.01) t = -2.748, p = .011

X, SD Sherlock (M = 0.019; SD = 0.008) and FNL (M = 0.028; SD = 0.021) t = -1.89, p = .043

Y, SD Sherlock (M = 0.047; SD = 0.017) and FNL (M = 0.073; SD = 0.114) t = -1.141, p = .216

Z, SD Sherlock (M = 0.076; SD = 0.035) and FNL (M = 0.158; SD = 0.224) t = -1.838, p = .04

Pitch, SD Sherlock (M = 0.078; SD = 0.047) and FNL (M = 0.183; SD = 0.276) t = -1.896, p = .004

Roll, SD Sherlock (M = 0.027; SD = 0.013) and FNL (M = 0.065; SD = 0.052) t = -3.574, p < .001

Yaw, SD Sherlock (M = 0.022; SD = 0.012) and FNL (M = 0.048; SD = 0.066) t = -2.009, p < .001