**Explore**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 15:30:26 |
| Comments |  |  |
| Input | Data | C:\Users\dorot\Desktop\MasterStudy\Statistics\DataAnalysis.sav |
| Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 17 |
| Missing Value Handling | Definition of Missing | User-defined missing values for dependent variables are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any dependent variable or factor used. |
| Syntax |  | EXAMINE VARIABLES=Mean\_Jerk\_X Mean\_Jerk\_Y Mean\_Jerk\_Z Mean\_Jerk\_V Jerk\_Y\_1 Jerk\_Y\_2 Jerk\_Y\_3 Jerk\_V\_1 Jerk\_V\_2 Jerk\_V\_3 Peaks Peaks\_1 Peaks\_2 Peaks\_3 Time Time\_1 Time\_2 Time\_3 Grasping\_E Grasping\_P Grasping\_D Trainings Level Experience Height Age BY Gender /PLOT BOXPLOT HISTOGRAM NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL. |
| Resources | Processor Time | 00:00:06,86 |
| Elapsed Time | 00:00:14,47 |

**Gender**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** |  |  |  |  |  |  |  |
|  | Gender | Cases |  |  |  |  |  |
| Valid |  | Missing |  | Total |  |
| N | Percent | N | Percent | N | Percent |
| Mean\_Jerk\_X | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Mean\_Jerk\_Y | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Mean\_Jerk\_Z | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Mean\_Jerk\_V | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Jerk\_Y\_1 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Jerk\_Y\_2 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Jerk\_Y\_3 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Jerk\_V\_1 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Jerk\_V\_2 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Jerk\_V\_3 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Peaks | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Peaks\_1 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Peaks\_2 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Peaks\_3 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Time | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Time\_1 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Time\_2 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Time\_3 | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Grasping\_E | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Grasping\_P | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Grasping\_D | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Trainings | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Level | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Experience | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Height | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |
| Age | Female | 9 | 100,0% | 0 | 0,0% | 9 | 100,0% |
| Male | 8 | 100,0% | 0 | 0,0% | 8 | 100,0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptives** |  |  |  |  |  |
|  | Gender |  |  | Statistic | Std. Error |
| Mean\_Jerk\_X | Female | Mean |  | 9966331,2387 | 3512790,71384 |
| 95% Confidence Interval for Mean | Lower Bound | 1865821,3265 |  |
| Upper Bound | 18066841,1509 |  |
| 5% Trimmed Mean |  | 9408159,8735 |  |
| Median |  | 3881324,5940 |  |
| Variance |  | 111057287393354,810 |  |
| Std. Deviation |  | 10538372,14153 |  |
| Minimum |  | 638377,04 |  |
| Maximum |  | 2,93E+7 |  |
| Range |  | 28702992,97 |  |
| Interquartile Range |  | 17439092,04 |  |
| Skewness |  | ,917 | ,717 |
| Kurtosis |  | -,471 | 1,400 |
| Male | Mean |  | 4501749,7332 | 2029593,21603 |
| 95% Confidence Interval for Mean | Lower Bound | -297475,6063 |  |
| Upper Bound | 9300975,0727 |  |
| 5% Trimmed Mean |  | 4028171,0323 |  |
| Median |  | 1475812,3990 |  |
| Variance |  | 32953988980578,883 |  |
| Std. Deviation |  | 5740556,50443 |  |
| Minimum |  | 555631,91 |  |
| Maximum |  | 1,70E+7 |  |
| Range |  | 16416652,26 |  |
| Interquartile Range |  | 6681148,08 |  |
| Skewness |  | 1,783 | ,752 |
| Kurtosis |  | 3,031 | 1,481 |
| Mean\_Jerk\_Y | Female | Mean |  | 13921089,8055 | 6393054,01900 |
| 95% Confidence Interval for Mean | Lower Bound | -821319,1989 |  |
| Upper Bound | 28663498,8098 |  |
| 5% Trimmed Mean |  | 11969806,1038 |  |
| Median |  | 10035368,3300 |  |
| Variance |  | 367840257208155,750 |  |
| Std. Deviation |  | 19179162,05699 |  |
| Minimum |  | 343528,05 |  |
| Maximum |  | 6,26E+7 |  |
| Range |  | 62278230,14 |  |
| Interquartile Range |  | 13424258,15 |  |
| Skewness |  | 2,475 | ,717 |
| Kurtosis |  | 6,735 | 1,400 |
| Male | Mean |  | 3915050,3975 | 1646176,44383 |
| 95% Confidence Interval for Mean | Lower Bound | 22461,6560 |  |
| Upper Bound | 7807639,1390 |  |
| 5% Trimmed Mean |  | 3542779,1566 |  |
| Median |  | 1515322,6460 |  |
| Variance |  | 21679175073846,348 |  |
| Std. Deviation |  | 4656090,10586 |  |
| Minimum |  | 626330,78 |  |
| Maximum |  | 1,39E+7 |  |
| Range |  | 13278321,57 |  |
| Interquartile Range |  | 5710200,17 |  |
| Skewness |  | 1,765 | ,752 |
| Kurtosis |  | 2,727 | 1,481 |
| Mean\_Jerk\_Z | Female | Mean |  | 10991014,0666 | 3951239,88740 |
| 95% Confidence Interval for Mean | Lower Bound | 1879438,5471 |  |
| Upper Bound | 20102589,5861 |  |
| 5% Trimmed Mean |  | 10097900,5916 |  |
| Median |  | 9116930,6630 |  |
| Variance |  | 140510669830137,900 |  |
| Std. Deviation |  | 11853719,66220 |  |
| Minimum |  | 143254,70 |  |
| Maximum |  | 3,79E+7 |  |
| Range |  | 37771561,28 |  |
| Interquartile Range |  | 15115517,37 |  |
| Skewness |  | 1,619 | ,717 |
| Kurtosis |  | 3,010 | 1,400 |
| Male | Mean |  | 5121356,3384 | 2034418,99379 |
| 95% Confidence Interval for Mean | Lower Bound | 310719,8477 |  |
| Upper Bound | 9931992,8290 |  |
| 5% Trimmed Mean |  | 4790840,8994 |  |
| Median |  | 2547898,1410 |  |
| Variance |  | 33110885138296,535 |  |
| Std. Deviation |  | 5754205,86513 |  |
| Minimum |  | 304428,25 |  |
| Maximum |  | 1,59E+7 |  |
| Range |  | 15583134,08 |  |
| Interquartile Range |  | 9208709,57 |  |
| Skewness |  | 1,255 | ,752 |
| Kurtosis |  | ,310 | 1,481 |
| Mean\_Jerk\_V | Female | Mean |  | 10785891,8820 | 2942812,23137 |
| 95% Confidence Interval for Mean | Lower Bound | 3999754,7074 |  |
| Upper Bound | 17572029,0567 |  |
| 5% Trimmed Mean |  | 10559802,8426 |  |
| Median |  | 10492609,1900 |  |
| Variance |  | 77941294462045,720 |  |
| Std. Deviation |  | 8828436,69412 |  |
| Minimum |  | 113172,75 |  |
| Maximum |  | 2,55E+7 |  |
| Range |  | 25415040,97 |  |
| Interquartile Range |  | 15868148,16 |  |
| Skewness |  | ,408 | ,717 |
| Kurtosis |  | -,829 | 1,400 |
| Male | Mean |  | 4112246,6510 | 1540438,30282 |
| 95% Confidence Interval for Mean | Lower Bound | 469688,8821 |  |
| Upper Bound | 7754804,4199 |  |
| 5% Trimmed Mean |  | 3926401,7291 |  |
| Median |  | 2050421,7160 |  |
| Variance |  | 18983601318291,793 |  |
| Std. Deviation |  | 4357017,47969 |  |
| Minimum |  | 294420,73 |  |
| Maximum |  | 1,13E+7 |  |
| Range |  | 10980860,44 |  |
| Interquartile Range |  | 7931885,47 |  |
| Skewness |  | 1,053 | ,752 |
| Kurtosis |  | -,619 | 1,481 |
| Jerk\_Y\_1 | Female | Mean |  | 7698999,0305 | 3363714,76561 |
| 95% Confidence Interval for Mean | Lower Bound | -57741,1287 |  |
| Upper Bound | 15455739,1896 |  |
| 5% Trimmed Mean |  | 6770571,9002 |  |
| Median |  | 2152884,7530 |  |
| Variance |  | 101831193219705,450 |  |
| Std. Deviation |  | 10091144,29684 |  |
| Minimum |  | 545166,14 |  |
| Maximum |  | 3,16E+7 |  |
| Range |  | 31019354,13 |  |
| Interquartile Range |  | 10223603,47 |  |
| Skewness |  | 1,943 | ,717 |
| Kurtosis |  | 4,068 | 1,400 |
| Male | Mean |  | 3608366,5596 | 1277600,99758 |
| 95% Confidence Interval for Mean | Lower Bound | 587320,2569 |  |
| Upper Bound | 6629412,8624 |  |
| 5% Trimmed Mean |  | 3392810,6705 |  |
| Median |  | 1237759,8425 |  |
| Variance |  | 13058114472240,201 |  |
| Std. Deviation |  | 3613601,31617 |  |
| Minimum |  | 1,00E+6 |  |
| Maximum |  | 1,01E+7 |  |
| Range |  | 9086945,26 |  |
| Interquartile Range |  | 5749935,26 |  |
| Skewness |  | 1,012 | ,752 |
| Kurtosis |  | -,601 | 1,481 |
| Jerk\_Y\_2 | Female | Mean |  | 15031409,1214 | 5678696,92039 |
| 95% Confidence Interval for Mean | Lower Bound | 1936310,5405 |  |
| Upper Bound | 28126507,7024 |  |
| 5% Trimmed Mean |  | 13915283,7714 |  |
| Median |  | 10298208,2300 |  |
| Variance |  | 290228388422431,400 |  |
| Std. Deviation |  | 17036090,76116 |  |
| Minimum |  | 785534,13 |  |
| Maximum |  | 4,94E+7 |  |
| Range |  | 48582006,28 |  |
| Interquartile Range |  | 23837273,19 |  |
| Skewness |  | 1,439 | ,717 |
| Kurtosis |  | ,996 | 1,400 |
| Male | Mean |  | 6405645,8773 | 2918702,33008 |
| 95% Confidence Interval for Mean | Lower Bound | -495988,4356 |  |
| Upper Bound | 13307280,1902 |  |
| 5% Trimmed Mean |  | 5920018,2137 |  |
| Median |  | 2244101,4830 |  |
| Variance |  | 68150586333010,484 |  |
| Std. Deviation |  | 8255336,83946 |  |
| Minimum |  | 656653,23 |  |
| Maximum |  | 2,09E+7 |  |
| Range |  | 20239283,24 |  |
| Interquartile Range |  | 13700280,86 |  |
| Skewness |  | 1,388 | ,752 |
| Kurtosis |  | ,070 | 1,481 |
| Jerk\_Y\_3 | Female | Mean |  | 30001022,7759 | 10765588,81599 |
| 95% Confidence Interval for Mean | Lower Bound | 5175530,4484 |  |
| Upper Bound | 54826515,1034 |  |
| 5% Trimmed Mean |  | 28429038,7583 |  |
| Median |  | 10309935,7600 |  |
| Variance |  | 1043081122995537,900 |  |
| Std. Deviation |  | 32296766,44798 |  |
| Minimum |  | 686679,00 |  |
| Maximum |  | 8,76E+7 |  |
| Range |  | 86924399,87 |  |
| Interquartile Range |  | 54301774,23 |  |
| Skewness |  | ,744 | ,717 |
| Kurtosis |  | -,922 | 1,400 |
| Male | Mean |  | 14683698,1236 | 8502845,69447 |
| 95% Confidence Interval for Mean | Lower Bound | -5422337,0131 |  |
| Upper Bound | 34789733,2603 |  |
| 5% Trimmed Mean |  | 12291596,2831 |  |
| Median |  | 6303410,7730 |  |
| Variance |  | 578387079231823,100 |  |
| Std. Deviation |  | 24049679,39977 |  |
| Minimum |  | 395160,45 |  |
| Maximum |  | 7,20E+7 |  |
| Range |  | 71634908,48 |  |
| Interquartile Range |  | 16122974,72 |  |
| Skewness |  | 2,451 | ,752 |
| Kurtosis |  | 6,316 | 1,481 |
| Jerk\_V\_1 | Female | Mean |  | 7195765,0133 | 2644457,23646 |
| 95% Confidence Interval for Mean | Lower Bound | 1097635,6906 |  |
| Upper Bound | 13293894,3359 |  |
| 5% Trimmed Mean |  | 6622223,3042 |  |
| Median |  | 4173238,8390 |  |
| Variance |  | 62938386678999,570 |  |
| Std. Deviation |  | 7933371,70937 |  |
| Minimum |  | 223121,91 |  |
| Maximum |  | 2,45E+7 |  |
| Range |  | 24269036,97 |  |
| Interquartile Range |  | 10182026,79 |  |
| Skewness |  | 1,513 | ,717 |
| Kurtosis |  | 2,068 | 1,400 |
| Male | Mean |  | 3406217,7404 | 1118595,13799 |
| 95% Confidence Interval for Mean | Lower Bound | 761160,5494 |  |
| Upper Bound | 6051274,9314 |  |
| 5% Trimmed Mean |  | 3303984,5969 |  |
| Median |  | 1529545,1395 |  |
| Variance |  | 10010040661900,754 |  |
| Std. Deviation |  | 3163864,82990 |  |
| Minimum |  | 644075,67 |  |
| Maximum |  | 8,01E+6 |  |
| Range |  | 7364480,73 |  |
| Interquartile Range |  | 5999858,73 |  |
| Skewness |  | ,693 | ,752 |
| Kurtosis |  | -1,890 | 1,481 |
| Jerk\_V\_2 | Female | Mean |  | 15762848,7417 | 4959389,45630 |
| 95% Confidence Interval for Mean | Lower Bound | 4326476,1474 |  |
| Upper Bound | 27199221,3360 |  |
| 5% Trimmed Mean |  | 15304472,3404 |  |
| Median |  | 8858606,2140 |  |
| Variance |  | 221359894012971,880 |  |
| Std. Deviation |  | 14878168,36889 |  |
| Minimum |  | 298448,24 |  |
| Maximum |  | 3,95E+7 |  |
| Range |  | 39179576,23 |  |
| Interquartile Range |  | 27460135,41 |  |
| Skewness |  | ,775 | ,717 |
| Kurtosis |  | -,982 | 1,400 |
| Male | Mean |  | 7031325,5597 | 3399729,59360 |
| 95% Confidence Interval for Mean | Lower Bound | -1007757,4862 |  |
| Upper Bound | 15070408,6056 |  |
| 5% Trimmed Mean |  | 6296043,1169 |  |
| Median |  | 2582241,0055 |  |
| Variance |  | 92465290476897,340 |  |
| Std. Deviation |  | 9615887,39935 |  |
| Minimum |  | 475307,16 |  |
| Maximum |  | 2,68E+7 |  |
| Range |  | 26347120,77 |  |
| Interquartile Range |  | 12516867,00 |  |
| Skewness |  | 1,690 | ,752 |
| Kurtosis |  | 1,843 | 1,481 |
| Jerk\_V\_3 | Female | Mean |  | 27706983,5959 | 8605472,46639 |
| 95% Confidence Interval for Mean | Lower Bound | 7862728,5031 |  |
| Upper Bound | 47551238,6887 |  |
| 5% Trimmed Mean |  | 27000375,2591 |  |
| Median |  | 17616077,2300 |  |
| Variance |  | 666487407328695,200 |  |
| Std. Deviation |  | 25816417,39918 |  |
| Minimum |  | 130274,28 |  |
| Maximum |  | 6,80E+7 |  |
| Range |  | 67872368,70 |  |
| Interquartile Range |  | 47522187,14 |  |
| Skewness |  | ,440 | ,717 |
| Kurtosis |  | -1,645 | 1,400 |
| Male | Mean |  | 12449836,9458 | 5949200,73687 |
| 95% Confidence Interval for Mean | Lower Bound | -1617787,3942 |  |
| Upper Bound | 26517461,2858 |  |
| 5% Trimmed Mean |  | 10972983,8744 |  |
| Median |  | 8022183,8845 |  |
| Variance |  | 283143915260738,560 |  |
| Std. Deviation |  | 16826880,73473 |  |
| Minimum |  | 381705,73 |  |
| Maximum |  | 5,11E+7 |  |
| Range |  | 50719617,72 |  |
| Interquartile Range |  | 15047873,45 |  |
| Skewness |  | 2,098 | ,752 |
| Kurtosis |  | 4,909 | 1,481 |
| Peaks | Female | Mean |  | 80,33 | 9,060 |
| 95% Confidence Interval for Mean | Lower Bound | 59,44 |  |
| Upper Bound | 101,23 |  |
| 5% Trimmed Mean |  | 79,70 |  |
| Median |  | 79,00 |  |
| Variance |  | 738,750 |  |
| Std. Deviation |  | 27,180 |  |
| Minimum |  | 46 |  |
| Maximum |  | 126 |  |
| Range |  | 80 |  |
| Interquartile Range |  | 47 |  |
| Skewness |  | ,545 | ,717 |
| Kurtosis |  | -,918 | 1,400 |
| Male | Mean |  | 66,38 | 5,955 |
| 95% Confidence Interval for Mean | Lower Bound | 52,29 |  |
| Upper Bound | 80,46 |  |
| 5% Trimmed Mean |  | 66,19 |  |
| Median |  | 62,50 |  |
| Variance |  | 283,696 |  |
| Std. Deviation |  | 16,843 |  |
| Minimum |  | 46 |  |
| Maximum |  | 90 |  |
| Range |  | 44 |  |
| Interquartile Range |  | 34 |  |
| Skewness |  | ,409 | ,752 |
| Kurtosis |  | -1,508 | 1,481 |
| Peaks\_1 | Female | Mean |  | 28,56 | 3,321 |
| 95% Confidence Interval for Mean | Lower Bound | 20,90 |  |
| Upper Bound | 36,21 |  |
| 5% Trimmed Mean |  | 28,67 |  |
| Median |  | 29,00 |  |
| Variance |  | 99,278 |  |
| Std. Deviation |  | 9,964 |  |
| Minimum |  | 11 |  |
| Maximum |  | 44 |  |
| Range |  | 33 |  |
| Interquartile Range |  | 15 |  |
| Skewness |  | -,287 | ,717 |
| Kurtosis |  | -,111 | 1,400 |
| Male | Mean |  | 24,88 | 3,889 |
| 95% Confidence Interval for Mean | Lower Bound | 15,68 |  |
| Upper Bound | 34,07 |  |
| 5% Trimmed Mean |  | 24,81 |  |
| Median |  | 24,50 |  |
| Variance |  | 120,982 |  |
| Std. Deviation |  | 10,999 |  |
| Minimum |  | 11 |  |
| Maximum |  | 40 |  |
| Range |  | 29 |  |
| Interquartile Range |  | 21 |  |
| Skewness |  | ,137 | ,752 |
| Kurtosis |  | -1,805 | 1,481 |
| Peaks\_2 | Female | Mean |  | 26,78 | 4,275 |
| 95% Confidence Interval for Mean | Lower Bound | 16,92 |  |
| Upper Bound | 36,63 |  |
| 5% Trimmed Mean |  | 26,86 |  |
| Median |  | 30,00 |  |
| Variance |  | 164,444 |  |
| Std. Deviation |  | 12,824 |  |
| Minimum |  | 7 |  |
| Maximum |  | 45 |  |
| Range |  | 38 |  |
| Interquartile Range |  | 21 |  |
| Skewness |  | -,495 | ,717 |
| Kurtosis |  | -,539 | 1,400 |
| Male | Mean |  | 18,75 | 1,556 |
| 95% Confidence Interval for Mean | Lower Bound | 15,07 |  |
| Upper Bound | 22,43 |  |
| 5% Trimmed Mean |  | 18,83 |  |
| Median |  | 20,50 |  |
| Variance |  | 19,357 |  |
| Std. Deviation |  | 4,400 |  |
| Minimum |  | 12 |  |
| Maximum |  | 24 |  |
| Range |  | 12 |  |
| Interquartile Range |  | 7 |  |
| Skewness |  | -,971 | ,752 |
| Kurtosis |  | -,333 | 1,481 |
| Peaks\_3 | Female | Mean |  | 25,00 | 4,265 |
| 95% Confidence Interval for Mean | Lower Bound | 15,16 |  |
| Upper Bound | 34,84 |  |
| 5% Trimmed Mean |  | 24,89 |  |
| Median |  | 24,00 |  |
| Variance |  | 163,750 |  |
| Std. Deviation |  | 12,796 |  |
| Minimum |  | 8 |  |
| Maximum |  | 44 |  |
| Range |  | 36 |  |
| Interquartile Range |  | 22 |  |
| Skewness |  | ,056 | ,717 |
| Kurtosis |  | -1,509 | 1,400 |
| Male | Mean |  | 22,75 | 2,381 |
| 95% Confidence Interval for Mean | Lower Bound | 17,12 |  |
| Upper Bound | 28,38 |  |
| 5% Trimmed Mean |  | 23,00 |  |
| Median |  | 26,00 |  |
| Variance |  | 45,357 |  |
| Std. Deviation |  | 6,735 |  |
| Minimum |  | 11 |  |
| Maximum |  | 30 |  |
| Range |  | 19 |  |
| Interquartile Range |  | 11 |  |
| Skewness |  | -1,080 | ,752 |
| Kurtosis |  | -,176 | 1,481 |
| Time | Female | Mean |  | 68,7489 | 6,11492 |
| 95% Confidence Interval for Mean | Lower Bound | 54,6479 |  |
| Upper Bound | 82,8499 |  |
| 5% Trimmed Mean |  | 68,7693 |  |
| Median |  | 65,9000 |  |
| Variance |  | 336,530 |  |
| Std. Deviation |  | 18,34476 |  |
| Minimum |  | 40,03 |  |
| Maximum |  | 97,10 |  |
| Range |  | 57,07 |  |
| Interquartile Range |  | 28,55 |  |
| Skewness |  | -,174 | ,717 |
| Kurtosis |  | -,613 | 1,400 |
| Male | Mean |  | 59,1463 | 3,86474 |
| 95% Confidence Interval for Mean | Lower Bound | 50,0076 |  |
| Upper Bound | 68,2849 |  |
| 5% Trimmed Mean |  | 59,2581 |  |
| Median |  | 60,5300 |  |
| Variance |  | 119,490 |  |
| Std. Deviation |  | 10,93113 |  |
| Minimum |  | 43,14 |  |
| Maximum |  | 73,14 |  |
| Range |  | 30,00 |  |
| Interquartile Range |  | 21,03 |  |
| Skewness |  | -,435 | ,752 |
| Kurtosis |  | -,641 | 1,481 |
| Time\_1 | Female | Mean |  | 20,6111 | 1,96155 |
| 95% Confidence Interval for Mean | Lower Bound | 16,0878 |  |
| Upper Bound | 25,1345 |  |
| 5% Trimmed Mean |  | 20,4051 |  |
| Median |  | 18,8500 |  |
| Variance |  | 34,629 |  |
| Std. Deviation |  | 5,88466 |  |
| Minimum |  | 13,62 |  |
| Maximum |  | 31,31 |  |
| Range |  | 17,69 |  |
| Interquartile Range |  | 9,43 |  |
| Skewness |  | ,533 | ,717 |
| Kurtosis |  | -,385 | 1,400 |
| Male | Mean |  | 18,7775 | ,96230 |
| 95% Confidence Interval for Mean | Lower Bound | 16,5020 |  |
| Upper Bound | 21,0530 |  |
| 5% Trimmed Mean |  | 18,8439 |  |
| Median |  | 19,2700 |  |
| Variance |  | 7,408 |  |
| Std. Deviation |  | 2,72179 |  |
| Minimum |  | 14,75 |  |
| Maximum |  | 21,61 |  |
| Range |  | 6,86 |  |
| Interquartile Range |  | 5,49 |  |
| Skewness |  | -,540 | ,752 |
| Kurtosis |  | -1,349 | 1,481 |
| Time\_2 | Female | Mean |  | 23,7078 | 2,53414 |
| 95% Confidence Interval for Mean | Lower Bound | 17,8640 |  |
| Upper Bound | 29,5515 |  |
| 5% Trimmed Mean |  | 23,7231 |  |
| Median |  | 23,5600 |  |
| Variance |  | 57,797 |  |
| Std. Deviation |  | 7,60241 |  |
| Minimum |  | 13,20 |  |
| Maximum |  | 33,94 |  |
| Range |  | 20,74 |  |
| Interquartile Range |  | 14,50 |  |
| Skewness |  | -,032 | ,717 |
| Kurtosis |  | -1,309 | 1,400 |
| Male | Mean |  | 19,1288 | 1,45247 |
| 95% Confidence Interval for Mean | Lower Bound | 15,6942 |  |
| Upper Bound | 22,5633 |  |
| 5% Trimmed Mean |  | 19,0008 |  |
| Median |  | 18,0300 |  |
| Variance |  | 16,877 |  |
| Std. Deviation |  | 4,10821 |  |
| Minimum |  | 13,86 |  |
| Maximum |  | 26,70 |  |
| Range |  | 12,84 |  |
| Interquartile Range |  | 5,88 |  |
| Skewness |  | ,921 | ,752 |
| Kurtosis |  | ,487 | 1,481 |
| Time\_3 | Female | Mean |  | 24,4300 | 1,93162 |
| 95% Confidence Interval for Mean | Lower Bound | 19,9757 |  |
| Upper Bound | 28,8843 |  |
| 5% Trimmed Mean |  | 24,6411 |  |
| Median |  | 25,6300 |  |
| Variance |  | 33,581 |  |
| Std. Deviation |  | 5,79487 |  |
| Minimum |  | 13,21 |  |
| Maximum |  | 31,85 |  |
| Range |  | 18,64 |  |
| Interquartile Range |  | 8,36 |  |
| Skewness |  | -,875 | ,717 |
| Kurtosis |  | ,513 | 1,400 |
| Male | Mean |  | 21,2425 | 1,94677 |
| 95% Confidence Interval for Mean | Lower Bound | 16,6391 |  |
| Upper Bound | 25,8459 |  |
| 5% Trimmed Mean |  | 21,3089 |  |
| Median |  | 22,9900 |  |
| Variance |  | 30,319 |  |
| Std. Deviation |  | 5,50629 |  |
| Minimum |  | 12,40 |  |
| Maximum |  | 28,89 |  |
| Range |  | 16,49 |  |
| Interquartile Range |  | 8,78 |  |
| Skewness |  | -,626 | ,752 |
| Kurtosis |  | -,284 | 1,481 |
| Grasping\_E | Female | Mean |  | 2,56 | ,689 |
| 95% Confidence Interval for Mean | Lower Bound | ,97 |  |
| Upper Bound | 4,15 |  |
| 5% Trimmed Mean |  | 2,40 |  |
| Median |  | 2,00 |  |
| Variance |  | 4,278 |  |
| Std. Deviation |  | 2,068 |  |
| Minimum |  | 1 |  |
| Maximum |  | 7 |  |
| Range |  | 6 |  |
| Interquartile Range |  | 3 |  |
| Skewness |  | 1,642 | ,717 |
| Kurtosis |  | 1,925 | 1,400 |
| Male | Mean |  | 2,25 | ,491 |
| 95% Confidence Interval for Mean | Lower Bound | 1,09 |  |
| Upper Bound | 3,41 |  |
| 5% Trimmed Mean |  | 2,28 |  |
| Median |  | 2,00 |  |
| Variance |  | 1,929 |  |
| Std. Deviation |  | 1,389 |  |
| Minimum |  | 0 |  |
| Maximum |  | 4 |  |
| Range |  | 4 |  |
| Interquartile Range |  | 3 |  |
| Skewness |  | -,160 | ,752 |
| Kurtosis |  | -,553 | 1,481 |
| Grasping\_P | Female | Mean |  | 20,33 | ,373 |
| 95% Confidence Interval for Mean | Lower Bound | 19,47 |  |
| Upper Bound | 21,19 |  |
| 5% Trimmed Mean |  | 20,31 |  |
| Median |  | 21,00 |  |
| Variance |  | 1,250 |  |
| Std. Deviation |  | 1,118 |  |
| Minimum |  | 19 |  |
| Maximum |  | 22 |  |
| Range |  | 3 |  |
| Interquartile Range |  | 2 |  |
| Skewness |  | -,153 | ,717 |
| Kurtosis |  | -1,486 | 1,400 |
| Male | Mean |  | 19,13 | ,441 |
| 95% Confidence Interval for Mean | Lower Bound | 18,08 |  |
| Upper Bound | 20,17 |  |
| 5% Trimmed Mean |  | 19,14 |  |
| Median |  | 19,00 |  |
| Variance |  | 1,554 |  |
| Std. Deviation |  | 1,246 |  |
| Minimum |  | 17 |  |
| Maximum |  | 21 |  |
| Range |  | 4 |  |
| Interquartile Range |  | 2 |  |
| Skewness |  | -,304 | ,752 |
| Kurtosis |  | ,146 | 1,481 |
| Grasping\_D | Female | Mean |  | 2,22 | ,222 |
| 95% Confidence Interval for Mean | Lower Bound | 1,71 |  |
| Upper Bound | 2,73 |  |
| 5% Trimmed Mean |  | 2,25 |  |
| Median |  | 2,00 |  |
| Variance |  | ,444 |  |
| Std. Deviation |  | ,667 |  |
| Minimum |  | 1 |  |
| Maximum |  | 3 |  |
| Range |  | 2 |  |
| Interquartile Range |  | 1 |  |
| Skewness |  | -,254 | ,717 |
| Kurtosis |  | -,040 | 1,400 |
| Male | Mean |  | 1,63 | ,183 |
| 95% Confidence Interval for Mean | Lower Bound | 1,19 |  |
| Upper Bound | 2,06 |  |
| 5% Trimmed Mean |  | 1,64 |  |
| Median |  | 2,00 |  |
| Variance |  | ,268 |  |
| Std. Deviation |  | ,518 |  |
| Minimum |  | 1 |  |
| Maximum |  | 2 |  |
| Range |  | 1 |  |
| Interquartile Range |  | 1 |  |
| Skewness |  | -,644 | ,752 |
| Kurtosis |  | -2,240 | 1,481 |
| Trainings | Female | Mean |  | 1,833 | ,3227 |
| 95% Confidence Interval for Mean | Lower Bound | 1,089 |  |
| Upper Bound | 2,578 |  |
| 5% Trimmed Mean |  | 1,759 |  |
| Median |  | 1,500 |  |
| Variance |  | ,938 |  |
| Std. Deviation |  | ,9682 |  |
| Minimum |  | 1,0 |  |
| Maximum |  | 4,0 |  |
| Range |  | 3,0 |  |
| Interquartile Range |  | 1,3 |  |
| Skewness |  | 1,534 | ,717 |
| Kurtosis |  | 2,654 | 1,400 |
| Male | Mean |  | 1,938 | ,2397 |
| 95% Confidence Interval for Mean | Lower Bound | 1,371 |  |
| Upper Bound | 2,504 |  |
| 5% Trimmed Mean |  | 1,931 |  |
| Median |  | 1,750 |  |
| Variance |  | ,460 |  |
| Std. Deviation |  | ,6781 |  |
| Minimum |  | 1,0 |  |
| Maximum |  | 3,0 |  |
| Range |  | 2,0 |  |
| Interquartile Range |  | 1,0 |  |
| Skewness |  | ,294 | ,752 |
| Kurtosis |  | -1,078 | 1,481 |
| Level | Female | Mean |  | 14,56 | ,729 |
| 95% Confidence Interval for Mean | Lower Bound | 12,88 |  |
| Upper Bound | 16,24 |  |
| 5% Trimmed Mean |  | 14,40 |  |
| Median |  | 13,00 |  |
| Variance |  | 4,778 |  |
| Std. Deviation |  | 2,186 |  |
| Minimum |  | 13 |  |
| Maximum |  | 19 |  |
| Range |  | 6 |  |
| Interquartile Range |  | 3 |  |
| Skewness |  | 1,289 | ,717 |
| Kurtosis |  | ,770 | 1,400 |
| Male | Mean |  | 15,38 | ,565 |
| 95% Confidence Interval for Mean | Lower Bound | 14,04 |  |
| Upper Bound | 16,71 |  |
| 5% Trimmed Mean |  | 15,42 |  |
| Median |  | 16,00 |  |
| Variance |  | 2,554 |  |
| Std. Deviation |  | 1,598 |  |
| Minimum |  | 13 |  |
| Maximum |  | 17 |  |
| Range |  | 4 |  |
| Interquartile Range |  | 3 |  |
| Skewness |  | -,818 | ,752 |
| Kurtosis |  | -,796 | 1,481 |
| Experience | Female | Mean |  | 11,444 | 2,3101 |
| 95% Confidence Interval for Mean | Lower Bound | 6,117 |  |
| Upper Bound | 16,771 |  |
| 5% Trimmed Mean |  | 11,049 |  |
| Median |  | 10,000 |  |
| Variance |  | 48,028 |  |
| Std. Deviation |  | 6,9302 |  |
| Minimum |  | 4,0 |  |
| Maximum |  | 26,0 |  |
| Range |  | 22,0 |  |
| Interquartile Range |  | 10,0 |  |
| Skewness |  | 1,084 | ,717 |
| Kurtosis |  | 1,455 | 1,400 |
| Male | Mean |  | 10,563 | 2,0904 |
| 95% Confidence Interval for Mean | Lower Bound | 5,619 |  |
| Upper Bound | 15,506 |  |
| 5% Trimmed Mean |  | 10,597 |  |
| Median |  | 11,000 |  |
| Variance |  | 34,960 |  |
| Std. Deviation |  | 5,9127 |  |
| Minimum |  | 1,5 |  |
| Maximum |  | 19,0 |  |
| Range |  | 17,5 |  |
| Interquartile Range |  | 10,0 |  |
| Skewness |  | -,046 | ,752 |
| Kurtosis |  | -,850 | 1,481 |
| Height | Female | Mean |  | 168,22 | 2,047 |
| 95% Confidence Interval for Mean | Lower Bound | 163,50 |  |
| Upper Bound | 172,94 |  |
| 5% Trimmed Mean |  | 168,25 |  |
| Median |  | 170,00 |  |
| Variance |  | 37,694 |  |
| Std. Deviation |  | 6,140 |  |
| Minimum |  | 157 |  |
| Maximum |  | 179 |  |
| Range |  | 22 |  |
| Interquartile Range |  | 7 |  |
| Skewness |  | -,197 | ,717 |
| Kurtosis |  | 1,149 | 1,400 |
| Male | Mean |  | 175,88 | 1,737 |
| 95% Confidence Interval for Mean | Lower Bound | 171,77 |  |
| Upper Bound | 179,98 |  |
| 5% Trimmed Mean |  | 175,69 |  |
| Median |  | 176,00 |  |
| Variance |  | 24,125 |  |
| Std. Deviation |  | 4,912 |  |
| Minimum |  | 169 |  |
| Maximum |  | 186 |  |
| Range |  | 17 |  |
| Interquartile Range |  | 4 |  |
| Skewness |  | 1,074 | ,752 |
| Kurtosis |  | 2,689 | 1,481 |
| Age | Female | Mean |  | 26,22 | 1,152 |
| 95% Confidence Interval for Mean | Lower Bound | 23,57 |  |
| Upper Bound | 28,88 |  |
| 5% Trimmed Mean |  | 25,97 |  |
| Median |  | 26,00 |  |
| Variance |  | 11,944 |  |
| Std. Deviation |  | 3,456 |  |
| Minimum |  | 23 |  |
| Maximum |  | 34 |  |
| Range |  | 11 |  |
| Interquartile Range |  | 4 |  |
| Skewness |  | 1,605 | ,717 |
| Kurtosis |  | 2,866 | 1,400 |
| Male | Mean |  | 26,88 | 1,663 |
| 95% Confidence Interval for Mean | Lower Bound | 22,94 |  |
| Upper Bound | 30,81 |  |
| 5% Trimmed Mean |  | 26,81 |  |
| Median |  | 26,00 |  |
| Variance |  | 22,125 |  |
| Std. Deviation |  | 4,704 |  |
| Minimum |  | 21 |  |
| Maximum |  | 34 |  |
| Range |  | 13 |  |
| Interquartile Range |  | 9 |  |
| Skewness |  | ,478 | ,752 |
| Kurtosis |  | -,861 | 1,481 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** |  |  |  |  |  |  |  |
|  | Gender | Kolmogorov-Smirnova |  |  | Shapiro-Wilk |  |  |
| Statistic | df | Sig. | Statistic | df | Sig. |
| Mean\_Jerk\_X | Female | ,274 | 9 | ,051 | ,849 | 9 | ,073 |
| Male | ,317 | 8 | ,018 | ,745 | 8 | ,007 |
| Mean\_Jerk\_Y | Female | ,363 | 9 | ,001 | ,673 | 9 | <,001 |
| Male | ,310 | 8 | ,023 | ,748 | 8 | ,008 |
| Mean\_Jerk\_Z | Female | ,221 | 9 | ,200\* | ,837 | 9 | ,053 |
| Male | ,237 | 8 | ,200\* | ,815 | 8 | ,041 |
| Mean\_Jerk\_V | Female | ,119 | 9 | ,200\* | ,951 | 9 | ,702 |
| Male | ,244 | 8 | ,175 | ,806 | 8 | ,033 |
| Jerk\_Y\_1 | Female | ,264 | 9 | ,070 | ,741 | 9 | ,004 |
| Male | ,367 | 8 | ,002 | ,751 | 8 | ,008 |
| Jerk\_Y\_2 | Female | ,280 | 9 | ,041 | ,795 | 9 | ,018 |
| Male | ,348 | 8 | ,005 | ,701 | 8 | ,002 |
| Jerk\_Y\_3 | Female | ,285 | 9 | ,034 | ,847 | 9 | ,069 |
| Male | ,308 | 8 | ,024 | ,647 | 8 | <,001 |
| Jerk\_V\_1 | Female | ,238 | 9 | ,152 | ,838 | 9 | ,055 |
| Male | ,329 | 8 | ,011 | ,774 | 8 | ,015 |
| Jerk\_V\_2 | Female | ,234 | 9 | ,167 | ,861 | 9 | ,099 |
| Male | ,371 | 8 | ,002 | ,710 | 8 | ,003 |
| Jerk\_V\_3 | Female | ,211 | 9 | ,200\* | ,884 | 9 | ,174 |
| Male | ,296 | 8 | ,038 | ,738 | 8 | ,006 |
| Peaks | Female | ,194 | 9 | ,200\* | ,936 | 9 | ,539 |
| Male | ,158 | 8 | ,200\* | ,915 | 8 | ,393 |
| Peaks\_1 | Female | ,152 | 9 | ,200\* | ,975 | 9 | ,933 |
| Male | ,203 | 8 | ,200\* | ,919 | 8 | ,420 |
| Peaks\_2 | Female | ,155 | 9 | ,200\* | ,933 | 9 | ,513 |
| Male | ,273 | 8 | ,082 | ,816 | 8 | ,042 |
| Peaks\_3 | Female | ,204 | 9 | ,200\* | ,932 | 9 | ,496 |
| Male | ,310 | 8 | ,023 | ,838 | 8 | ,071 |
| Time | Female | ,143 | 9 | ,200\* | ,963 | 9 | ,834 |
| Male | ,245 | 8 | ,174 | ,888 | 8 | ,224 |
| Time\_1 | Female | ,173 | 9 | ,200\* | ,936 | 9 | ,543 |
| Male | ,198 | 8 | ,200\* | ,888 | 8 | ,223 |
| Time\_2 | Female | ,120 | 9 | ,200\* | ,943 | 9 | ,618 |
| Male | ,216 | 8 | ,200\* | ,924 | 8 | ,466 |
| Time\_3 | Female | ,180 | 9 | ,200\* | ,945 | 9 | ,634 |
| Male | ,249 | 8 | ,155 | ,910 | 8 | ,355 |
| Grasping\_E | Female | ,384 | 9 | <,001 | ,739 | 9 | ,004 |
| Male | ,196 | 8 | ,200\* | ,931 | 8 | ,521 |
| Grasping\_P | Female | ,280 | 9 | ,040 | ,844 | 9 | ,065 |
| Male | ,210 | 8 | ,200\* | ,958 | 8 | ,792 |
| Grasping\_D | Female | ,297 | 9 | ,021 | ,813 | 9 | ,028 |
| Male | ,391 | 8 | <,001 | ,641 | 8 | <,001 |
| Trainings | Female | ,209 | 9 | ,200\* | ,832 | 9 | ,047 |
| Male | ,241 | 8 | ,193 | ,930 | 8 | ,512 |
| Level | Female | ,317 | 9 | ,009 | ,767 | 9 | ,009 |
| Male | ,277 | 8 | ,071 | ,834 | 8 | ,065 |
| Experience | Female | ,157 | 9 | ,200\* | ,899 | 9 | ,247 |
| Male | ,155 | 8 | ,200\* | ,970 | 8 | ,898 |
| Height | Female | ,214 | 9 | ,200\* | ,950 | 9 | ,688 |
| Male | ,284 | 8 | ,056 | ,889 | 8 | ,228 |
| Age | Female | ,303 | 9 | ,017 | ,831 | 9 | ,046 |
| Male | ,155 | 8 | ,200\* | ,927 | 8 | ,491 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| \*. This is a lower bound of the true significance. |  |  |  |  |  |  |  |
| a. Lilliefors Significance Correction |  |  |  |  |  |  |  |

**Mean\_Jerk\_X**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Mean\_Jerk\_Y**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Mean\_Jerk\_Z**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Mean\_Jerk\_V**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Jerk\_Y\_1**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Jerk\_Y\_2**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Jerk\_Y\_3**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Jerk\_V\_1**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Jerk\_V\_2**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Jerk\_V\_3**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Peaks**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Peaks\_1**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Peaks\_2**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Peaks\_3**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Time**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Time\_1**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Time\_2**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Time\_3**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Grasping\_E**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Grasping\_P**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Grasping\_D**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Trainings**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Level**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Experience**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Height**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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**Age**

**Histograms**

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**Normal Q-Q Plots**

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**Detrended Normal Q-Q Plots**

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