**Correlations**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 16:07:04 |
| Comments |  |  |
| Input | Data | C:\Users\dorot\Desktop\MasterStudy\Statistics\Gender\0.sav |
| Active Dataset | DataSet2 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 9 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each pair of variables are based on all the cases with valid data for that pair. |
| Syntax |  | CORRELATIONS /VARIABLES=Mean\_Jerk\_Y Mean\_Jerk\_V Peaks Time Grasping\_E Grasping\_P Grasping\_D Trainings Level Experience Height Age /PRINT=TWOTAIL NOSIG FULL /MISSING=PAIRWISE. |
| Resources | Processor Time | 00:00:00,00 |
| Elapsed Time | 00:00:00,00 |

[DataSet2] C:\Users\dorot\Desktop\MasterStudy\Statistics\Gender\0.sav

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| **Correlations** |  |  |  |  |  |  |
|  |  | Mean\_Jerk\_Y | Mean\_Jerk\_V | Peaks | Time | Grasping\_E |
| Mean\_Jerk\_Y | Pearson Correlation | 1 | ,819\*\* | ,275 | ,683\* | ,072 |
| Sig. (2-tailed) |  | ,007 | ,474 | ,043 | ,854 |
| N | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_V | Pearson Correlation | ,819\*\* | 1 | ,724\* | ,776\* | ,474 |
| Sig. (2-tailed) | ,007 |  | ,027 | ,014 | ,197 |
| N | 9 | 9 | 9 | 9 | 9 |
| Peaks | Pearson Correlation | ,275 | ,724\* | 1 | ,319 | ,546 |
| Sig. (2-tailed) | ,474 | ,027 |  | ,402 | ,129 |
| N | 9 | 9 | 9 | 9 | 9 |
| Time | Pearson Correlation | ,683\* | ,776\* | ,319 | 1 | ,481 |
| Sig. (2-tailed) | ,043 | ,014 | ,402 |  | ,190 |
| N | 9 | 9 | 9 | 9 | 9 |
| Grasping\_E | Pearson Correlation | ,072 | ,474 | ,546 | ,481 | 1 |
| Sig. (2-tailed) | ,854 | ,197 | ,129 | ,190 |  |
| N | 9 | 9 | 9 | 9 | 9 |
| Grasping\_P | Pearson Correlation | ,262 | ,302 | ,045 | ,673\* | ,450 |
| Sig. (2-tailed) | ,496 | ,429 | ,908 | ,047 | ,224 |
| N | 9 | 9 | 9 | 9 | 9 |
| Grasping\_D | Pearson Correlation | ,095 | ,484 | ,651 | ,459 | ,625 |
| Sig. (2-tailed) | ,807 | ,187 | ,058 | ,214 | ,072 |
| N | 9 | 9 | 9 | 9 | 9 |
| Trainings | Pearson Correlation | -,166 | ,036 | ,294 | -,239 | -,260 |
| Sig. (2-tailed) | ,669 | ,926 | ,442 | ,535 | ,499 |
| N | 9 | 9 | 9 | 9 | 9 |
| Level | Pearson Correlation | -,135 | -,027 | ,323 | -,332 | -,436 |
| Sig. (2-tailed) | ,728 | ,945 | ,397 | ,383 | ,240 |
| N | 9 | 9 | 9 | 9 | 9 |
| Experience | Pearson Correlation | -,444 | -,639 | -,315 | -,677\* | -,333 |
| Sig. (2-tailed) | ,231 | ,064 | ,408 | ,045 | ,381 |
| N | 9 | 9 | 9 | 9 | 9 |
| Height | Pearson Correlation | -,179 | ,147 | ,620 | -,147 | ,088 |
| Sig. (2-tailed) | ,645 | ,705 | ,075 | ,706 | ,823 |
| N | 9 | 9 | 9 | 9 | 9 |
| Age | Pearson Correlation | -,231 | -,458 | -,400 | -,542 | -,229 |
| Sig. (2-tailed) | ,551 | ,215 | ,286 | ,132 | ,553 |
| N | 9 | 9 | 9 | 9 | 9 |

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| **Correlations** |  |  |  |  |  |  |
|  |  | Grasping\_P | Grasping\_D | Trainings | Level | Experience |
| Mean\_Jerk\_Y | Pearson Correlation | ,262 | ,095 | -,166 | -,135 | -,444 |
| Sig. (2-tailed) | ,496 | ,807 | ,669 | ,728 | ,231 |
| N | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_V | Pearson Correlation | ,302 | ,484 | ,036 | -,027 | -,639 |
| Sig. (2-tailed) | ,429 | ,187 | ,926 | ,945 | ,064 |
| N | 9 | 9 | 9 | 9 | 9 |
| Peaks | Pearson Correlation | ,045 | ,651 | ,294 | ,323 | -,315 |
| Sig. (2-tailed) | ,908 | ,058 | ,442 | ,397 | ,408 |
| N | 9 | 9 | 9 | 9 | 9 |
| Time | Pearson Correlation | ,673\* | ,459 | -,239 | -,332 | -,677\* |
| Sig. (2-tailed) | ,047 | ,214 | ,535 | ,383 | ,045 |
| N | 9 | 9 | 9 | 9 | 9 |
| Grasping\_E | Pearson Correlation | ,450 | ,625 | -,260 | -,436 | -,333 |
| Sig. (2-tailed) | ,224 | ,072 | ,499 | ,240 | ,381 |
| N | 9 | 9 | 9 | 9 | 9 |
| Grasping\_P | Pearson Correlation | 1 | ,391 | -,404 | -,341 | -,360 |
| Sig. (2-tailed) |  | ,298 | ,281 | ,369 | ,341 |
| N | 9 | 9 | 9 | 9 | 9 |
| Grasping\_D | Pearson Correlation | ,391 | 1 | ,065 | ,248 | -,430 |
| Sig. (2-tailed) | ,298 |  | ,869 | ,520 | ,248 |
| N | 9 | 9 | 9 | 9 | 9 |
| Trainings | Pearson Correlation | -,404 | ,065 | 1 | ,787\* | -,146 |
| Sig. (2-tailed) | ,281 | ,869 |  | ,012 | ,708 |
| N | 9 | 9 | 9 | 9 | 9 |
| Level | Pearson Correlation | -,341 | ,248 | ,787\* | 1 | ,048 |
| Sig. (2-tailed) | ,369 | ,520 | ,012 |  | ,903 |
| N | 9 | 9 | 9 | 9 | 9 |
| Experience | Pearson Correlation | -,360 | -,430 | -,146 | ,048 | 1 |
| Sig. (2-tailed) | ,341 | ,248 | ,708 | ,903 |  |
| N | 9 | 9 | 9 | 9 | 9 |
| Height | Pearson Correlation | -,449 | ,383 | ,175 | ,399 | ,156 |
| Sig. (2-tailed) | ,225 | ,308 | ,652 | ,287 | ,689 |
| N | 9 | 9 | 9 | 9 | 9 |
| Age | Pearson Correlation | -,507 | -,621 | -,511 | -,449 | ,528 |
| Sig. (2-tailed) | ,164 | ,074 | ,160 | ,226 | ,144 |
| N | 9 | 9 | 9 | 9 | 9 |

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| **Correlations** |  |  |  |
|  |  | Height | Age |
| Mean\_Jerk\_Y | Pearson Correlation | -,179 | -,231 |
| Sig. (2-tailed) | ,645 | ,551 |
| N | 9 | 9 |
| Mean\_Jerk\_V | Pearson Correlation | ,147 | -,458 |
| Sig. (2-tailed) | ,705 | ,215 |
| N | 9 | 9 |
| Peaks | Pearson Correlation | ,620 | -,400 |
| Sig. (2-tailed) | ,075 | ,286 |
| N | 9 | 9 |
| Time | Pearson Correlation | -,147 | -,542 |
| Sig. (2-tailed) | ,706 | ,132 |
| N | 9 | 9 |
| Grasping\_E | Pearson Correlation | ,088 | -,229 |
| Sig. (2-tailed) | ,823 | ,553 |
| N | 9 | 9 |
| Grasping\_P | Pearson Correlation | -,449 | -,507 |
| Sig. (2-tailed) | ,225 | ,164 |
| N | 9 | 9 |
| Grasping\_D | Pearson Correlation | ,383 | -,621 |
| Sig. (2-tailed) | ,308 | ,074 |
| N | 9 | 9 |
| Trainings | Pearson Correlation | ,175 | -,511 |
| Sig. (2-tailed) | ,652 | ,160 |
| N | 9 | 9 |
| Level | Pearson Correlation | ,399 | -,449 |
| Sig. (2-tailed) | ,287 | ,226 |
| N | 9 | 9 |
| Experience | Pearson Correlation | ,156 | ,528 |
| Sig. (2-tailed) | ,689 | ,144 |
| N | 9 | 9 |
| Height | Pearson Correlation | 1 | ,103 |
| Sig. (2-tailed) |  | ,791 |
| N | 9 | 9 |
| Age | Pearson Correlation | ,103 | 1 |
| Sig. (2-tailed) | ,791 |  |
| N | 9 | 9 |

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| --- | --- | --- | --- |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). |  |  |  |
| \*. Correlation is significant at the 0.05 level (2-tailed). |  |  |  |

**Correlations**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 16:09:19 |
| Comments |  |  |
| Input | Data | C:\Users\dorot\Desktop\MasterStudy\Statistics\Gender\0.sav |
| Active Dataset | DataSet2 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 9 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each pair of variables are based on all the cases with valid data for that pair. |
| Syntax |  | CORRELATIONS /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 /PRINT=TWOTAIL NOSIG FULL /MISSING=PAIRWISE. |
| Resources | Processor Time | 00:00:00,00 |
| Elapsed Time | 00:00:00,02 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 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 |
| Mean\_Jerk\_X | Pearson Correlation | 1 | ,844\*\* | ,908\*\* | ,938\*\* | ,944\*\* | ,945\*\* | ,795\* | ,965\*\* | ,780\* | ,841\*\* | ,678\* | ,729\* | ,770\* | ,100 | ,595 |
| Sig. (2-tailed) |  | ,004 | <,001 | <,001 | <,001 | <,001 | ,010 | <,001 | ,013 | ,005 | ,045 | ,026 | ,015 | ,799 | ,091 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_Y | Pearson Correlation | ,844\*\* | 1 | ,948\*\* | ,819\*\* | ,965\*\* | ,872\*\* | ,450 | ,933\*\* | ,747\* | ,508 | ,275 | ,431 | ,570 | -,323 | ,683\* |
| Sig. (2-tailed) | ,004 |  | <,001 | ,007 | <,001 | ,002 | ,224 | <,001 | ,021 | ,163 | ,474 | ,247 | ,109 | ,396 | ,043 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_Z | Pearson Correlation | ,908\*\* | ,948\*\* | 1 | ,913\*\* | ,963\*\* | ,908\*\* | ,556 | ,966\*\* | ,778\* | ,637 | ,430 | ,609 | ,685\* | -,246 | ,744\* |
| Sig. (2-tailed) | <,001 | <,001 |  | <,001 | <,001 | <,001 | ,120 | <,001 | ,014 | ,065 | ,247 | ,082 | ,042 | ,524 | ,022 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_V | Pearson Correlation | ,938\*\* | ,819\*\* | ,913\*\* | 1 | ,876\*\* | ,910\*\* | ,721\* | ,948\*\* | ,889\*\* | ,795\* | ,724\* | ,815\*\* | ,904\*\* | -,003 | ,776\* |
| Sig. (2-tailed) | <,001 | ,007 | <,001 |  | ,002 | <,001 | ,028 | <,001 | ,001 | ,010 | ,027 | ,007 | <,001 | ,994 | ,014 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_Y\_1 | Pearson Correlation | ,944\*\* | ,965\*\* | ,963\*\* | ,876\*\* | 1 | ,935\*\* | ,610 | ,978\*\* | ,754\* | ,661 | ,432 | ,561 | ,625 | -,145 | ,620 |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | ,002 |  | <,001 | ,081 | <,001 | ,019 | ,053 | ,246 | ,116 | ,072 | ,710 | ,075 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_Y\_2 | Pearson Correlation | ,945\*\* | ,872\*\* | ,908\*\* | ,910\*\* | ,935\*\* | 1 | ,573 | ,969\*\* | ,890\*\* | ,641 | ,527 | ,609 | ,746\* | -,101 | ,679\* |
| Sig. (2-tailed) | <,001 | ,002 | <,001 | <,001 | <,001 |  | ,107 | <,001 | ,001 | ,063 | ,144 | ,082 | ,021 | ,796 | ,044 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_Y\_3 | Pearson Correlation | ,795\* | ,450 | ,556 | ,721\* | ,610 | ,573 | 1 | ,638 | ,417 | ,989\*\* | ,862\*\* | ,766\* | ,693\* | ,541 | ,285 |
| Sig. (2-tailed) | ,010 | ,224 | ,120 | ,028 | ,081 | ,107 |  | ,064 | ,264 | <,001 | ,003 | ,016 | ,039 | ,133 | ,458 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_V\_1 | Pearson Correlation | ,965\*\* | ,933\*\* | ,966\*\* | ,948\*\* | ,978\*\* | ,969\*\* | ,638 | 1 | ,859\*\* | ,704\* | ,541 | ,672\* | ,755\* | -,132 | ,718\* |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | ,064 |  | ,003 | ,034 | ,133 | ,047 | ,019 | ,735 | ,029 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_V\_2 | Pearson Correlation | ,780\* | ,747\* | ,778\* | ,889\*\* | ,754\* | ,890\*\* | ,417 | ,859\*\* | 1 | ,501 | ,552 | ,650 | ,852\*\* | -,187 | ,811\*\* |
| Sig. (2-tailed) | ,013 | ,021 | ,014 | ,001 | ,019 | ,001 | ,264 | ,003 |  | ,170 | ,123 | ,058 | ,004 | ,630 | ,008 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_V\_3 | Pearson Correlation | ,841\*\* | ,508 | ,637 | ,795\* | ,661 | ,641 | ,989\*\* | ,704\* | ,501 | 1 | ,871\*\* | ,807\*\* | ,767\* | ,453 | ,404 |
| Sig. (2-tailed) | ,005 | ,163 | ,065 | ,010 | ,053 | ,063 | <,001 | ,034 | ,170 |  | ,002 | ,009 | ,016 | ,221 | ,281 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks | Pearson Correlation | ,678\* | ,275 | ,430 | ,724\* | ,432 | ,527 | ,862\*\* | ,541 | ,552 | ,871\*\* | 1 | ,882\*\* | ,801\*\* | ,635 | ,319 |
| Sig. (2-tailed) | ,045 | ,474 | ,247 | ,027 | ,246 | ,144 | ,003 | ,133 | ,123 | ,002 |  | ,002 | ,009 | ,066 | ,402 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks\_1 | Pearson Correlation | ,729\* | ,431 | ,609 | ,815\*\* | ,561 | ,609 | ,766\* | ,672\* | ,650 | ,807\*\* | ,882\*\* | 1 | ,772\* | ,321 | ,463 |
| Sig. (2-tailed) | ,026 | ,247 | ,082 | ,007 | ,116 | ,082 | ,016 | ,047 | ,058 | ,009 | ,002 |  | ,015 | ,400 | ,210 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks\_2 | Pearson Correlation | ,770\* | ,570 | ,685\* | ,904\*\* | ,625 | ,746\* | ,693\* | ,755\* | ,852\*\* | ,767\* | ,801\*\* | ,772\* | 1 | ,098 | ,804\*\* |
| Sig. (2-tailed) | ,015 | ,109 | ,042 | <,001 | ,072 | ,021 | ,039 | ,019 | ,004 | ,016 | ,009 | ,015 |  | ,801 | ,009 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks\_3 | Pearson Correlation | ,100 | -,323 | -,246 | -,003 | -,145 | -,101 | ,541 | -,132 | -,187 | ,453 | ,635 | ,321 | ,098 | 1 | -,488 |
| Sig. (2-tailed) | ,799 | ,396 | ,524 | ,994 | ,710 | ,796 | ,133 | ,735 | ,630 | ,221 | ,066 | ,400 | ,801 |  | ,183 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time | Pearson Correlation | ,595 | ,683\* | ,744\* | ,776\* | ,620 | ,679\* | ,285 | ,718\* | ,811\*\* | ,404 | ,319 | ,463 | ,804\*\* | -,488 | 1 |
| Sig. (2-tailed) | ,091 | ,043 | ,022 | ,014 | ,075 | ,044 | ,458 | ,029 | ,008 | ,281 | ,402 | ,210 | ,009 | ,183 |  |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time\_1 | Pearson Correlation | ,597 | ,744\* | ,781\* | ,762\* | ,670\* | ,695\* | ,225 | ,750\* | ,811\*\* | ,342 | ,245 | ,450 | ,725\* | -,556 | ,978\*\* |
| Sig. (2-tailed) | ,090 | ,021 | ,013 | ,017 | ,048 | ,038 | ,561 | ,020 | ,008 | ,367 | ,525 | ,225 | ,027 | ,120 | <,001 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time\_2 | Pearson Correlation | ,440 | ,591 | ,611 | ,661 | ,488 | ,587 | ,089 | ,598 | ,806\*\* | ,205 | ,213 | ,334 | ,734\* | -,542 | ,963\*\* |
| Sig. (2-tailed) | ,236 | ,093 | ,081 | ,053 | ,183 | ,097 | ,820 | ,089 | ,009 | ,596 | ,582 | ,380 | ,024 | ,132 | <,001 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time\_3 | Pearson Correlation | ,700\* | ,630 | ,760\* | ,816\*\* | ,643 | ,673\* | ,557 | ,728\* | ,688\* | ,661 | ,482 | ,571 | ,847\*\* | -,269 | ,909\*\* |
| Sig. (2-tailed) | ,036 | ,069 | ,018 | ,007 | ,062 | ,047 | ,119 | ,026 | ,041 | ,053 | ,189 | ,108 | ,004 | ,483 | <,001 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Grasping\_E | Pearson Correlation | ,295 | ,072 | ,176 | ,474 | ,126 | ,432 | ,156 | ,316 | ,716\* | ,221 | ,546 | ,529 | ,670\* | ,076 | ,481 |
| Sig. (2-tailed) | ,442 | ,854 | ,651 | ,197 | ,746 | ,246 | ,688 | ,408 | ,030 | ,569 | ,129 | ,143 | ,048 | ,847 | ,190 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Grasping\_P | Pearson Correlation | ,214 | ,262 | ,227 | ,302 | ,202 | ,371 | ,007 | ,282 | ,498 | ,080 | ,045 | -,097 | ,520 | -,349 | ,673\* |
| Sig. (2-tailed) | ,580 | ,496 | ,556 | ,429 | ,602 | ,326 | ,986 | ,463 | ,173 | ,837 | ,908 | ,803 | ,151 | ,357 | ,047 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Grasping\_D | Pearson Correlation | ,333 | ,095 | ,147 | ,484 | ,133 | ,262 | ,538 | ,282 | ,498 | ,550 | ,651 | ,562 | ,738\* | ,205 | ,459 |
| Sig. (2-tailed) | ,382 | ,807 | ,706 | ,187 | ,734 | ,495 | ,135 | ,462 | ,172 | ,125 | ,058 | ,115 | ,023 | ,596 | ,214 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Trainings | Pearson Correlation | ,043 | -,166 | -,014 | ,036 | -,093 | -,156 | ,355 | -,117 | -,291 | ,334 | ,294 | ,173 | ,037 | ,454 | -,239 |
| Sig. (2-tailed) | ,912 | ,669 | ,972 | ,926 | ,811 | ,689 | ,348 | ,765 | ,447 | ,379 | ,442 | ,657 | ,925 | ,220 | ,535 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Level | Pearson Correlation | ,060 | -,135 | -,111 | -,027 | -,069 | -,223 | ,543 | -,129 | -,380 | ,462 | ,323 | ,105 | ,014 | ,590 | -,332 |
| Sig. (2-tailed) | ,878 | ,728 | ,775 | ,945 | ,860 | ,565 | ,131 | ,741 | ,313 | ,211 | ,397 | ,789 | ,972 | ,095 | ,383 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Experience | Pearson Correlation | -,589 | -,444 | -,616 | -,639 | -,512 | -,588 | -,425 | -,593 | -,536 | -,523 | -,315 | -,500 | -,613 | ,334 | -,677\* |
| Sig. (2-tailed) | ,095 | ,231 | ,077 | ,064 | ,158 | ,096 | ,255 | ,092 | ,137 | ,149 | ,408 | ,170 | ,079 | ,380 | ,045 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Height | Pearson Correlation | ,100 | -,179 | -,079 | ,147 | -,070 | -,142 | ,536 | -,012 | -,066 | ,485 | ,620 | ,611 | ,215 | ,627 | -,147 |
| Sig. (2-tailed) | ,798 | ,645 | ,839 | ,705 | ,857 | ,716 | ,137 | ,976 | ,867 | ,186 | ,075 | ,081 | ,578 | ,071 | ,706 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Age | Pearson Correlation | -,323 | -,231 | -,312 | -,458 | -,206 | -,260 | -,423 | -,275 | -,331 | -,473 | -,400 | -,240 | -,645 | -,017 | -,542 |
| Sig. (2-tailed) | ,396 | ,551 | ,413 | ,215 | ,594 | ,499 | ,256 | ,473 | ,384 | ,199 | ,286 | ,534 | ,061 | ,965 | ,132 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Time\_1 | Time\_2 | Time\_3 | Grasping\_E | Grasping\_P | Grasping\_D | Trainings | Level | Experience | Height | Age |
| Mean\_Jerk\_X | Pearson Correlation | ,597 | ,440 | ,700\* | ,295 | ,214 | ,333 | ,043 | ,060 | -,589 | ,100 | -,323 |
| Sig. (2-tailed) | ,090 | ,236 | ,036 | ,442 | ,580 | ,382 | ,912 | ,878 | ,095 | ,798 | ,396 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_Y | Pearson Correlation | ,744\* | ,591 | ,630 | ,072 | ,262 | ,095 | -,166 | -,135 | -,444 | -,179 | -,231 |
| Sig. (2-tailed) | ,021 | ,093 | ,069 | ,854 | ,496 | ,807 | ,669 | ,728 | ,231 | ,645 | ,551 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_Z | Pearson Correlation | ,781\* | ,611 | ,760\* | ,176 | ,227 | ,147 | -,014 | -,111 | -,616 | -,079 | -,312 |
| Sig. (2-tailed) | ,013 | ,081 | ,018 | ,651 | ,556 | ,706 | ,972 | ,775 | ,077 | ,839 | ,413 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean\_Jerk\_V | Pearson Correlation | ,762\* | ,661 | ,816\*\* | ,474 | ,302 | ,484 | ,036 | -,027 | -,639 | ,147 | -,458 |
| Sig. (2-tailed) | ,017 | ,053 | ,007 | ,197 | ,429 | ,187 | ,926 | ,945 | ,064 | ,705 | ,215 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_Y\_1 | Pearson Correlation | ,670\* | ,488 | ,643 | ,126 | ,202 | ,133 | -,093 | -,069 | -,512 | -,070 | -,206 |
| Sig. (2-tailed) | ,048 | ,183 | ,062 | ,746 | ,602 | ,734 | ,811 | ,860 | ,158 | ,857 | ,594 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_Y\_2 | Pearson Correlation | ,695\* | ,587 | ,673\* | ,432 | ,371 | ,262 | -,156 | -,223 | -,588 | -,142 | -,260 |
| Sig. (2-tailed) | ,038 | ,097 | ,047 | ,246 | ,326 | ,495 | ,689 | ,565 | ,096 | ,716 | ,499 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_Y\_3 | Pearson Correlation | ,225 | ,089 | ,557 | ,156 | ,007 | ,538 | ,355 | ,543 | -,425 | ,536 | -,423 |
| Sig. (2-tailed) | ,561 | ,820 | ,119 | ,688 | ,986 | ,135 | ,348 | ,131 | ,255 | ,137 | ,256 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_V\_1 | Pearson Correlation | ,750\* | ,598 | ,728\* | ,316 | ,282 | ,282 | -,117 | -,129 | -,593 | -,012 | -,275 |
| Sig. (2-tailed) | ,020 | ,089 | ,026 | ,408 | ,463 | ,462 | ,765 | ,741 | ,092 | ,976 | ,473 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_V\_2 | Pearson Correlation | ,811\*\* | ,806\*\* | ,688\* | ,716\* | ,498 | ,498 | -,291 | -,380 | -,536 | -,066 | -,331 |
| Sig. (2-tailed) | ,008 | ,009 | ,041 | ,030 | ,173 | ,172 | ,447 | ,313 | ,137 | ,867 | ,384 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Jerk\_V\_3 | Pearson Correlation | ,342 | ,205 | ,661 | ,221 | ,080 | ,550 | ,334 | ,462 | -,523 | ,485 | -,473 |
| Sig. (2-tailed) | ,367 | ,596 | ,053 | ,569 | ,837 | ,125 | ,379 | ,211 | ,149 | ,186 | ,199 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks | Pearson Correlation | ,245 | ,213 | ,482 | ,546 | ,045 | ,651 | ,294 | ,323 | -,315 | ,620 | -,400 |
| Sig. (2-tailed) | ,525 | ,582 | ,189 | ,129 | ,908 | ,058 | ,442 | ,397 | ,408 | ,075 | ,286 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks\_1 | Pearson Correlation | ,450 | ,334 | ,571 | ,529 | -,097 | ,562 | ,173 | ,105 | -,500 | ,611 | -,240 |
| Sig. (2-tailed) | ,225 | ,380 | ,108 | ,143 | ,803 | ,115 | ,657 | ,789 | ,170 | ,081 | ,534 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks\_2 | Pearson Correlation | ,725\* | ,734\* | ,847\*\* | ,670\* | ,520 | ,738\* | ,037 | ,014 | -,613 | ,215 | -,645 |
| Sig. (2-tailed) | ,027 | ,024 | ,004 | ,048 | ,151 | ,023 | ,925 | ,972 | ,079 | ,578 | ,061 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Peaks\_3 | Pearson Correlation | -,556 | -,542 | -,269 | ,076 | -,349 | ,205 | ,454 | ,590 | ,334 | ,627 | -,017 |
| Sig. (2-tailed) | ,120 | ,132 | ,483 | ,847 | ,357 | ,596 | ,220 | ,095 | ,380 | ,071 | ,965 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time | Pearson Correlation | ,978\*\* | ,963\*\* | ,909\*\* | ,481 | ,673\* | ,459 | -,239 | -,332 | -,677\* | -,147 | -,542 |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | ,190 | ,047 | ,214 | ,535 | ,383 | ,045 | ,706 | ,132 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time\_1 | Pearson Correlation | 1 | ,944\*\* | ,841\*\* | ,419 | ,592 | ,334 | -,359 | -,438 | -,608 | -,140 | -,370 |
| Sig. (2-tailed) |  | <,001 | ,004 | ,262 | ,093 | ,380 | ,342 | ,238 | ,083 | ,720 | ,327 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time\_2 | Pearson Correlation | ,944\*\* | 1 | ,779\* | ,566 | ,731\* | ,444 | -,350 | -,460 | -,529 | -,236 | -,492 |
| Sig. (2-tailed) | <,001 |  | ,013 | ,112 | ,025 | ,231 | ,356 | ,213 | ,143 | ,540 | ,178 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Time\_3 | Pearson Correlation | ,841\*\* | ,779\* | 1 | ,353 | ,569 | ,531 | ,066 | -,003 | -,834\*\* | -,013 | -,694\* |
| Sig. (2-tailed) | ,004 | ,013 |  | ,352 | ,110 | ,141 | ,867 | ,995 | ,005 | ,973 | ,038 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Grasping\_E | Pearson Correlation | ,419 | ,566 | ,353 | 1 | ,450 | ,625 | -,260 | -,436 | -,333 | ,088 | -,229 |
| Sig. (2-tailed) | ,262 | ,112 | ,352 |  | ,224 | ,072 | ,499 | ,240 | ,381 | ,823 | ,553 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Grasping\_P | Pearson Correlation | ,592 | ,731\* | ,569 | ,450 | 1 | ,391 | -,404 | -,341 | -,360 | -,449 | -,507 |
| Sig. (2-tailed) | ,093 | ,025 | ,110 | ,224 |  | ,298 | ,281 | ,369 | ,341 | ,225 | ,164 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Grasping\_D | Pearson Correlation | ,334 | ,444 | ,531 | ,625 | ,391 | 1 | ,065 | ,248 | -,430 | ,383 | -,621 |
| Sig. (2-tailed) | ,380 | ,231 | ,141 | ,072 | ,298 |  | ,869 | ,520 | ,248 | ,308 | ,074 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Trainings | Pearson Correlation | -,359 | -,350 | ,066 | -,260 | -,404 | ,065 | 1 | ,787\* | -,146 | ,175 | -,511 |
| Sig. (2-tailed) | ,342 | ,356 | ,867 | ,499 | ,281 | ,869 |  | ,012 | ,708 | ,652 | ,160 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Level | Pearson Correlation | -,438 | -,460 | -,003 | -,436 | -,341 | ,248 | ,787\* | 1 | ,048 | ,399 | -,449 |
| Sig. (2-tailed) | ,238 | ,213 | ,995 | ,240 | ,369 | ,520 | ,012 |  | ,903 | ,287 | ,226 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Experience | Pearson Correlation | -,608 | -,529 | -,834\*\* | -,333 | -,360 | -,430 | -,146 | ,048 | 1 | ,156 | ,528 |
| Sig. (2-tailed) | ,083 | ,143 | ,005 | ,381 | ,341 | ,248 | ,708 | ,903 |  | ,689 | ,144 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Height | Pearson Correlation | -,140 | -,236 | -,013 | ,088 | -,449 | ,383 | ,175 | ,399 | ,156 | 1 | ,103 |
| Sig. (2-tailed) | ,720 | ,540 | ,973 | ,823 | ,225 | ,308 | ,652 | ,287 | ,689 |  | ,791 |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Age | Pearson Correlation | -,370 | -,492 | -,694\* | -,229 | -,507 | -,621 | -,511 | -,449 | ,528 | ,103 | 1 |
| Sig. (2-tailed) | ,327 | ,178 | ,038 | ,553 | ,164 | ,074 | ,160 | ,226 | ,144 | ,791 |  |
| N | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

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| \*\*. Correlation is significant at the 0.01 level (2-tailed). |  |  |  |  |  |  |  |  |  |  |  |  |
| \*. Correlation is significant at the 0.05 level (2-tailed). |  |  |  |  |  |  |  |  |  |  |  |  |