**Correlations**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 15:51:52 |
| Comments |  |  |
| Input | Data | C:\Users\dorot\Desktop\MasterStudy\Statistics\DataAnalysis.sav |
| Active Dataset | DataSet1 |
| 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 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 | 00:00:00,02 |
| Elapsed Time | 00:00:00,03 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | ,846\*\* | ,900\*\* | ,927\*\* | ,939\*\* | ,933\*\* | ,842\*\* | ,953\*\* | ,792\*\* | ,883\*\* | ,704\*\* | ,651\*\* | ,765\*\* | ,175 | ,666\*\* |
| Sig. (2-tailed) |  | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | ,002 | ,005 | <,001 | ,501 | ,004 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Mean\_Jerk\_Y | Pearson Correlation | ,846\*\* | 1 | ,924\*\* | ,831\*\* | ,951\*\* | ,868\*\* | ,522\* | ,922\*\* | ,745\*\* | ,586\* | ,375 | ,410 | ,626\*\* | -,194 | ,700\*\* |
| Sig. (2-tailed) | <,001 |  | <,001 | <,001 | <,001 | <,001 | ,031 | <,001 | <,001 | ,013 | ,138 | ,102 | ,007 | ,456 | ,002 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Mean\_Jerk\_Z | Pearson Correlation | ,900\*\* | ,924\*\* | 1 | ,927\*\* | ,943\*\* | ,926\*\* | ,595\* | ,960\*\* | ,832\*\* | ,681\*\* | ,513\* | ,542\* | ,698\*\* | -,085 | ,776\*\* |
| Sig. (2-tailed) | <,001 | <,001 |  | <,001 | <,001 | <,001 | ,012 | <,001 | <,001 | ,003 | ,035 | ,025 | ,002 | ,746 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Mean\_Jerk\_V | Pearson Correlation | ,927\*\* | ,831\*\* | ,927\*\* | 1 | ,871\*\* | ,922\*\* | ,728\*\* | ,942\*\* | ,905\*\* | ,813\*\* | ,732\*\* | ,660\*\* | ,877\*\* | ,118 | ,806\*\* |
| Sig. (2-tailed) | <,001 | <,001 | <,001 |  | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | ,004 | <,001 | ,651 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_Y\_1 | Pearson Correlation | ,939\*\* | ,951\*\* | ,943\*\* | ,871\*\* | 1 | ,920\*\* | ,658\*\* | ,978\*\* | ,752\*\* | ,710\*\* | ,498\* | ,499\* | ,657\*\* | -,034 | ,656\*\* |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | <,001 |  | <,001 | ,004 | <,001 | <,001 | ,001 | ,042 | ,041 | ,004 | ,898 | ,004 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_Y\_2 | Pearson Correlation | ,933\*\* | ,868\*\* | ,926\*\* | ,922\*\* | ,920\*\* | 1 | ,619\*\* | ,957\*\* | ,914\*\* | ,691\*\* | ,597\* | ,579\* | ,748\*\* | ,020 | ,720\*\* |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | <,001 | <,001 |  | ,008 | <,001 | <,001 | ,002 | ,011 | ,015 | <,001 | ,938 | ,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_Y\_3 | Pearson Correlation | ,842\*\* | ,522\* | ,595\* | ,728\*\* | ,658\*\* | ,619\*\* | 1 | ,671\*\* | ,493\* | ,986\*\* | ,799\*\* | ,663\*\* | ,670\*\* | ,480 | ,434 |
| Sig. (2-tailed) | <,001 | ,031 | ,012 | <,001 | ,004 | ,008 |  | ,003 | ,045 | <,001 | <,001 | ,004 | ,003 | ,051 | ,081 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_V\_1 | Pearson Correlation | ,953\*\* | ,922\*\* | ,960\*\* | ,942\*\* | ,978\*\* | ,957\*\* | ,671\*\* | 1 | ,854\*\* | ,741\*\* | ,588\* | ,570\* | ,763\*\* | -,008 | ,748\*\* |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | ,003 |  | <,001 | <,001 | ,013 | ,017 | <,001 | ,976 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_V\_2 | Pearson Correlation | ,792\*\* | ,745\*\* | ,832\*\* | ,905\*\* | ,752\*\* | ,914\*\* | ,493\* | ,854\*\* | 1 | ,579\* | ,610\*\* | ,600\* | ,798\*\* | -,024 | ,809\*\* |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | <,001 | <,001 | <,001 | ,045 | <,001 |  | ,015 | ,009 | ,011 | <,001 | ,928 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_V\_3 | Pearson Correlation | ,883\*\* | ,586\* | ,681\*\* | ,813\*\* | ,710\*\* | ,691\*\* | ,986\*\* | ,741\*\* | ,579\* | 1 | ,821\*\* | ,685\*\* | ,748\*\* | ,427 | ,538\* |
| Sig. (2-tailed) | <,001 | ,013 | ,003 | <,001 | ,001 | ,002 | <,001 | <,001 | ,015 |  | <,001 | ,002 | <,001 | ,087 | ,026 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks | Pearson Correlation | ,704\*\* | ,375 | ,513\* | ,732\*\* | ,498\* | ,597\* | ,799\*\* | ,588\* | ,610\*\* | ,821\*\* | 1 | ,833\*\* | ,785\*\* | ,652\*\* | ,385 |
| Sig. (2-tailed) | ,002 | ,138 | ,035 | <,001 | ,042 | ,011 | <,001 | ,013 | ,009 | <,001 |  | <,001 | <,001 | ,005 | ,126 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks\_1 | Pearson Correlation | ,651\*\* | ,410 | ,542\* | ,660\*\* | ,499\* | ,579\* | ,663\*\* | ,570\* | ,600\* | ,685\*\* | ,833\*\* | 1 | ,586\* | ,302 | ,433 |
| Sig. (2-tailed) | ,005 | ,102 | ,025 | ,004 | ,041 | ,015 | ,004 | ,017 | ,011 | ,002 | <,001 |  | ,013 | ,238 | ,083 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks\_2 | Pearson Correlation | ,765\*\* | ,626\*\* | ,698\*\* | ,877\*\* | ,657\*\* | ,748\*\* | ,670\*\* | ,763\*\* | ,798\*\* | ,748\*\* | ,785\*\* | ,586\* | 1 | ,187 | ,713\*\* |
| Sig. (2-tailed) | <,001 | ,007 | ,002 | <,001 | ,004 | <,001 | ,003 | <,001 | <,001 | <,001 | <,001 | ,013 |  | ,471 | ,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks\_3 | Pearson Correlation | ,175 | -,194 | -,085 | ,118 | -,034 | ,020 | ,480 | -,008 | -,024 | ,427 | ,652\*\* | ,302 | ,187 | 1 | -,281 |
| Sig. (2-tailed) | ,501 | ,456 | ,746 | ,651 | ,898 | ,938 | ,051 | ,976 | ,928 | ,087 | ,005 | ,238 | ,471 |  | ,274 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time | Pearson Correlation | ,666\*\* | ,700\*\* | ,776\*\* | ,806\*\* | ,656\*\* | ,720\*\* | ,434 | ,748\*\* | ,809\*\* | ,538\* | ,385 | ,433 | ,713\*\* | -,281 | 1 |
| Sig. (2-tailed) | ,004 | ,002 | <,001 | <,001 | ,004 | ,001 | ,081 | <,001 | <,001 | ,026 | ,126 | ,083 | ,001 | ,274 |  |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time\_1 | Pearson Correlation | ,611\*\* | ,724\*\* | ,769\*\* | ,743\*\* | ,675\*\* | ,693\*\* | ,306 | ,748\*\* | ,764\*\* | ,409 | ,262 | ,346 | ,632\*\* | -,394 | ,956\*\* |
| Sig. (2-tailed) | ,009 | ,001 | <,001 | <,001 | ,003 | ,002 | ,232 | <,001 | <,001 | ,103 | ,309 | ,174 | ,007 | ,118 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time\_2 | Pearson Correlation | ,553\* | ,640\*\* | ,702\*\* | ,749\*\* | ,555\* | ,688\*\* | ,273 | ,663\*\* | ,854\*\* | ,380 | ,368 | ,422 | ,700\*\* | -,299 | ,944\*\* |
| Sig. (2-tailed) | ,021 | ,006 | ,002 | <,001 | ,021 | ,002 | ,290 | ,004 | <,001 | ,132 | ,146 | ,091 | ,002 | ,244 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time\_3 | Pearson Correlation | ,701\*\* | ,605\* | ,708\*\* | ,756\*\* | ,621\*\* | ,632\*\* | ,632\*\* | ,690\*\* | ,629\*\* | ,711\*\* | ,426 | ,427 | ,646\*\* | -,113 | ,894\*\* |
| Sig. (2-tailed) | ,002 | ,010 | ,001 | <,001 | ,008 | ,006 | ,006 | ,002 | ,007 | ,001 | ,088 | ,088 | ,005 | ,665 | <,001 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Grasping\_E | Pearson Correlation | ,403 | ,174 | ,326 | ,527\* | ,230 | ,500\* | ,309 | ,393 | ,705\*\* | ,362 | ,517\* | ,438 | ,621\*\* | ,108 | ,509\* |
| Sig. (2-tailed) | ,109 | ,503 | ,202 | ,030 | ,375 | ,041 | ,227 | ,118 | ,002 | ,153 | ,034 | ,079 | ,008 | ,680 | ,037 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Grasping\_P | Pearson Correlation | ,310 | ,307 | ,207 | ,328 | ,290 | ,277 | ,256 | ,326 | ,283 | ,301 | ,185 | ,109 | ,440 | -,134 | ,522\* |
| Sig. (2-tailed) | ,226 | ,230 | ,425 | ,199 | ,259 | ,282 | ,321 | ,202 | ,271 | ,240 | ,476 | ,678 | ,077 | ,609 | ,032 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Grasping\_D | Pearson Correlation | ,208 | ,136 | ,081 | ,341 | ,130 | ,168 | ,272 | ,223 | ,274 | ,315 | ,414 | ,275 | ,576\* | ,084 | ,262 |
| Sig. (2-tailed) | ,423 | ,602 | ,756 | ,180 | ,619 | ,519 | ,292 | ,391 | ,288 | ,218 | ,099 | ,286 | ,016 | ,750 | ,310 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Trainings | Pearson Correlation | ,049 | -,120 | -,022 | ,002 | -,092 | -,096 | ,275 | -,120 | -,179 | ,247 | ,139 | ,131 | ,018 | ,168 | -,206 |
| Sig. (2-tailed) | ,853 | ,648 | ,932 | ,993 | ,725 | ,714 | ,286 | ,645 | ,491 | ,339 | ,595 | ,618 | ,944 | ,519 | ,427 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Level | Pearson Correlation | -,019 | -,145 | -,122 | -,096 | -,129 | -,187 | ,301 | -,181 | -,274 | ,232 | ,247 | ,044 | ,003 | ,519\* | -,345 |
| Sig. (2-tailed) | ,942 | ,578 | ,641 | ,713 | ,622 | ,473 | ,240 | ,487 | ,286 | ,371 | ,340 | ,868 | ,990 | ,033 | ,176 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Experience | Pearson Correlation | -,511\* | -,359 | -,565\* | -,533\* | -,445 | -,555\* | -,362 | -,515\* | -,543\* | -,426 | -,303 | -,494\* | -,372 | ,183 | -,640\*\* |
| Sig. (2-tailed) | ,036 | ,157 | ,018 | ,028 | ,073 | ,021 | ,153 | ,034 | ,024 | ,089 | ,237 | ,044 | ,142 | ,482 | ,006 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Height | Pearson Correlation | -,125 | -,306 | -,143 | -,121 | -,190 | -,171 | ,050 | -,155 | -,089 | ,005 | ,170 | ,233 | -,115 | ,271 | -,228 |
| Sig. (2-tailed) | ,632 | ,232 | ,585 | ,644 | ,464 | ,513 | ,850 | ,552 | ,734 | ,985 | ,515 | ,368 | ,660 | ,293 | ,379 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Age | Pearson Correlation | -,299 | -,201 | -,323 | -,385 | -,218 | -,328 | -,286 | -,267 | -,399 | -,306 | -,305 | -,176 | -,429 | -,084 | -,378 |
| Sig. (2-tailed) | ,244 | ,440 | ,207 | ,127 | ,401 | ,199 | ,267 | ,300 | ,113 | ,233 | ,233 | ,498 | ,086 | ,747 | ,135 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |

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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 | ,611\*\* | ,553\* | ,701\*\* | ,403 | ,310 | ,208 | ,049 | -,019 | -,511\* | -,125 | -,299 |
| Sig. (2-tailed) | ,009 | ,021 | ,002 | ,109 | ,226 | ,423 | ,853 | ,942 | ,036 | ,632 | ,244 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Mean\_Jerk\_Y | Pearson Correlation | ,724\*\* | ,640\*\* | ,605\* | ,174 | ,307 | ,136 | -,120 | -,145 | -,359 | -,306 | -,201 |
| Sig. (2-tailed) | ,001 | ,006 | ,010 | ,503 | ,230 | ,602 | ,648 | ,578 | ,157 | ,232 | ,440 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Mean\_Jerk\_Z | Pearson Correlation | ,769\*\* | ,702\*\* | ,708\*\* | ,326 | ,207 | ,081 | -,022 | -,122 | -,565\* | -,143 | -,323 |
| Sig. (2-tailed) | <,001 | ,002 | ,001 | ,202 | ,425 | ,756 | ,932 | ,641 | ,018 | ,585 | ,207 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Mean\_Jerk\_V | Pearson Correlation | ,743\*\* | ,749\*\* | ,756\*\* | ,527\* | ,328 | ,341 | ,002 | -,096 | -,533\* | -,121 | -,385 |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | ,030 | ,199 | ,180 | ,993 | ,713 | ,028 | ,644 | ,127 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_Y\_1 | Pearson Correlation | ,675\*\* | ,555\* | ,621\*\* | ,230 | ,290 | ,130 | -,092 | -,129 | -,445 | -,190 | -,218 |
| Sig. (2-tailed) | ,003 | ,021 | ,008 | ,375 | ,259 | ,619 | ,725 | ,622 | ,073 | ,464 | ,401 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_Y\_2 | Pearson Correlation | ,693\*\* | ,688\*\* | ,632\*\* | ,500\* | ,277 | ,168 | -,096 | -,187 | -,555\* | -,171 | -,328 |
| Sig. (2-tailed) | ,002 | ,002 | ,006 | ,041 | ,282 | ,519 | ,714 | ,473 | ,021 | ,513 | ,199 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_Y\_3 | Pearson Correlation | ,306 | ,273 | ,632\*\* | ,309 | ,256 | ,272 | ,275 | ,301 | -,362 | ,050 | -,286 |
| Sig. (2-tailed) | ,232 | ,290 | ,006 | ,227 | ,321 | ,292 | ,286 | ,240 | ,153 | ,850 | ,267 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_V\_1 | Pearson Correlation | ,748\*\* | ,663\*\* | ,690\*\* | ,393 | ,326 | ,223 | -,120 | -,181 | -,515\* | -,155 | -,267 |
| Sig. (2-tailed) | <,001 | ,004 | ,002 | ,118 | ,202 | ,391 | ,645 | ,487 | ,034 | ,552 | ,300 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_V\_2 | Pearson Correlation | ,764\*\* | ,854\*\* | ,629\*\* | ,705\*\* | ,283 | ,274 | -,179 | -,274 | -,543\* | -,089 | -,399 |
| Sig. (2-tailed) | <,001 | <,001 | ,007 | ,002 | ,271 | ,288 | ,491 | ,286 | ,024 | ,734 | ,113 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Jerk\_V\_3 | Pearson Correlation | ,409 | ,380 | ,711\*\* | ,362 | ,301 | ,315 | ,247 | ,232 | -,426 | ,005 | -,306 |
| Sig. (2-tailed) | ,103 | ,132 | ,001 | ,153 | ,240 | ,218 | ,339 | ,371 | ,089 | ,985 | ,233 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks | Pearson Correlation | ,262 | ,368 | ,426 | ,517\* | ,185 | ,414 | ,139 | ,247 | -,303 | ,170 | -,305 |
| Sig. (2-tailed) | ,309 | ,146 | ,088 | ,034 | ,476 | ,099 | ,595 | ,340 | ,237 | ,515 | ,233 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks\_1 | Pearson Correlation | ,346 | ,422 | ,427 | ,438 | ,109 | ,275 | ,131 | ,044 | -,494\* | ,233 | -,176 |
| Sig. (2-tailed) | ,174 | ,091 | ,088 | ,079 | ,678 | ,286 | ,618 | ,868 | ,044 | ,368 | ,498 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks\_2 | Pearson Correlation | ,632\*\* | ,700\*\* | ,646\*\* | ,621\*\* | ,440 | ,576\* | ,018 | ,003 | -,372 | -,115 | -,429 |
| Sig. (2-tailed) | ,007 | ,002 | ,005 | ,008 | ,077 | ,016 | ,944 | ,990 | ,142 | ,660 | ,086 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Peaks\_3 | Pearson Correlation | -,394 | -,299 | -,113 | ,108 | -,134 | ,084 | ,168 | ,519\* | ,183 | ,271 | -,084 |
| Sig. (2-tailed) | ,118 | ,244 | ,665 | ,680 | ,609 | ,750 | ,519 | ,033 | ,482 | ,293 | ,747 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time | Pearson Correlation | ,956\*\* | ,944\*\* | ,894\*\* | ,509\* | ,522\* | ,262 | -,206 | -,345 | -,640\*\* | -,228 | -,378 |
| Sig. (2-tailed) | <,001 | <,001 | <,001 | ,037 | ,032 | ,310 | ,427 | ,176 | ,006 | ,379 | ,135 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time\_1 | Pearson Correlation | 1 | ,905\*\* | ,782\*\* | ,393 | ,445 | ,230 | -,333 | -,437 | -,608\*\* | -,152 | -,344 |
| Sig. (2-tailed) |  | <,001 | <,001 | ,119 | ,073 | ,374 | ,192 | ,079 | ,010 | ,559 | ,177 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time\_2 | Pearson Correlation | ,905\*\* | 1 | ,719\*\* | ,555\* | ,476 | ,299 | -,268 | -,381 | -,560\* | -,226 | -,456 |
| Sig. (2-tailed) | <,001 |  | ,001 | ,021 | ,053 | ,244 | ,298 | ,131 | ,019 | ,384 | ,066 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Time\_3 | Pearson Correlation | ,782\*\* | ,719\*\* | 1 | ,446 | ,528\* | ,192 | ,009 | -,158 | -,627\*\* | -,245 | -,240 |
| Sig. (2-tailed) | <,001 | ,001 |  | ,073 | ,029 | ,460 | ,974 | ,545 | ,007 | ,343 | ,353 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Grasping\_E | Pearson Correlation | ,393 | ,555\* | ,446 | 1 | ,212 | ,187 | -,096 | -,255 | -,294 | ,023 | -,115 |
| Sig. (2-tailed) | ,119 | ,021 | ,073 |  | ,414 | ,473 | ,715 | ,323 | ,253 | ,931 | ,659 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Grasping\_P | Pearson Correlation | ,445 | ,476 | ,528\* | ,212 | 1 | ,494\* | -,350 | -,482 | -,079 | -,672\*\* | ,014 |
| Sig. (2-tailed) | ,073 | ,053 | ,029 | ,414 |  | ,044 | ,169 | ,050 | ,762 | ,003 | ,959 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Grasping\_D | Pearson Correlation | ,230 | ,299 | ,192 | ,187 | ,494\* | 1 | -,014 | -,102 | -,098 | -,102 | -,298 |
| Sig. (2-tailed) | ,374 | ,244 | ,460 | ,473 | ,044 |  | ,959 | ,697 | ,709 | ,698 | ,245 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Trainings | Pearson Correlation | -,333 | -,268 | ,009 | -,096 | -,350 | -,014 | 1 | ,571\* | -,072 | ,195 | -,296 |
| Sig. (2-tailed) | ,192 | ,298 | ,974 | ,715 | ,169 | ,959 |  | ,017 | ,784 | ,453 | ,248 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Level | Pearson Correlation | -,437 | -,381 | -,158 | -,255 | -,482 | -,102 | ,571\* | 1 | ,070 | ,339 | -,283 |
| Sig. (2-tailed) | ,079 | ,131 | ,545 | ,323 | ,050 | ,697 | ,017 |  | ,789 | ,183 | ,272 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Experience | Pearson Correlation | -,608\*\* | -,560\* | -,627\*\* | -,294 | -,079 | -,098 | -,072 | ,070 | 1 | -,145 | ,529\* |
| Sig. (2-tailed) | ,010 | ,019 | ,007 | ,253 | ,762 | ,709 | ,784 | ,789 |  | ,578 | ,029 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Height | Pearson Correlation | -,152 | -,226 | -,245 | ,023 | -,672\*\* | -,102 | ,195 | ,339 | -,145 | 1 | -,175 |
| Sig. (2-tailed) | ,559 | ,384 | ,343 | ,931 | ,003 | ,698 | ,453 | ,183 | ,578 |  | ,502 |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Age | Pearson Correlation | -,344 | -,456 | -,240 | -,115 | ,014 | -,298 | -,296 | -,283 | ,529\* | -,175 | 1 |
| Sig. (2-tailed) | ,177 | ,066 | ,353 | ,659 | ,959 | ,245 | ,248 | ,272 | ,029 | ,502 |  |
| N | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |

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