**dCOP analog data**

**Subject 1: Hirofo:** Data\_01

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - RTA has very strong construction and background activity; but phasic activation |
| Walk\_Metronome | EMG  - RTA has very strong construction and background activity; but phasic activation  Forces  - OBSERVATION: subject maybe stepping on the wrong forceplate sometimes; consider COP with some care  + Metronome signal?   * Seems good = NO hick-ups |
| Walk\_Stroop | - missing “stroop notes”  EMG  - RTA has very strong construction and background activity; but phasic activation  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seem ok |
| Walk\_Arm | EMG  - RTA has very strong construction and background activity; but phasic activation |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | - missing “stroop notes”  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| QS\_Stroop2 | - missing “stroop notes”  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| QS\_StroopPost | - no kinematics recorded (similar in most subjects)  - missing “stroop notes”  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| Rest | **- Empty; no rest data** |

**Subject 2: Hagio:** Data\_02

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - RTA has very strong construction and background activity; but phasic activation  - LRF occasionally noisy  Forces+Moments  - have “spikes” noise occasionally from 0 – 8 min; NOT many |
| Walk\_Metronome | EMG  - RTA has very strong construction and background activity; but phasic activation  + Metronome signal?   * Seems ok = NO hickups |
| Walk\_Stroop | - Qulasys curshed duing Walk\_Stroop: missing mo-cap data maybe????  EMG  - RTA has very strong construction and background activity; but phasic activation  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| Walk\_Arm | EMG  - RTA has very strong construction and background activity; but phasic activation |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems ok |
| Rest | - Empty; no rest data |

**Subject 3: Tsutsui:** Data\_03

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - RSOL has background activity; but phasic activation  Forces+Moments  - have “spikes” noise occasionally during the entire trial; NOT many |
| Walk\_Metronome | EMG  - RTA, RSOL, LRF has background activity; but phasic activation  Forces+Moments  - have “spikes” noise occasionally during the second half; NOT many  + Metronome signal?   * Seems ok; no hickups |
| Walk\_Stroop | EMG  - RTA, RSOL, LRF has background activity; but phasic activation  Forces+Moments  - have “spikes” noise occasionally; NOT many  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Seems to have some spikes |
| Walk\_Arm | EMG  - RTA, RSOL, LRF has background activity; but phasic activation  - EMG has spikes  Forces+Moments  - have “spikes” noise occasionally; NOT many |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | - subject moved at some point  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest | - Empty; no rest data |

**Subject 4: Ota**: Data\_04

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | Forces+Moments  - have “spikes”; NOT many; only ~ 3 |
| Walk\_Metronome | EMG  - RVL is a bit weird at the beggining  Forces+Moments  - have “spikes”; NOT many  **+ Metronome signal?**  - OBSERVATION: Some hickups during the trial in the program  - Visual inspection confirms = yes around min 4.2, 9.6,… and the end of the trial |
| Walk\_Stroop | Forces+Moments  - have “spikes”; NOT many  + StroopAnswer #   * ok   + StroopCueTiming signal?   * Ok |
| Walk\_Arm | Forces+Moments  - have “spikes”; NOT many |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Ok |
| Rest | - no Qualsys data (sync missing) |

**Subject 5: Onagawa**: Data\_05

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG - seems that RRF came off at min 11 |
| Walk\_Metronome | EMG  - RTA and LVL a bit noisy  + Metronome signal?   * Ok |
| Walk\_Stroop | - Walk Stroop trial was re-done since Qualisys curshed 1st time; data should be ok  EMG  - RTA has very strong construction and background activity; but phasic activation  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | EMG  - has noise!!!  Forces+Moments  - have “spikes”; NOT many |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 | EMG  - some channels noisy |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest |  |

**Subject 6: Sasaki**: Data\_06

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | - seems ok |
| Walk\_Metronome | EMG  - LRF weird around min 8  + Metronome signal?   * Ok |
| Walk\_Stroop | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest |  |

**Subject 7: Nakagawa**: Data\_07

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | - seems ok |
| Walk\_Metronome | - seems ok  + Metronome signal?   * ok |
| Walk\_Stroop | - re-did Walk Stroop; data should be ok  EMG  - RSOL, LRF, RBF has only a couple of have “spikes  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest |  |

**Subject 8: Fujio**: Data\_08

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - looks a little bit noisy |
| Walk\_Metronome | - seems ok  + Metronome signal?   * ok |
| Walk\_Stroop | - many difficulties with microphone; but all recording was done  - recordings seem ok  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - re-did Walk Arm; data should be ok  EMG  - seems noisy sometimes with some “spikes”; not many |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 | - not recorded; missing data |
| QS\_EO2 | - not recorded; missing data |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest |  |

**Subject 9: Yokoyama**: Data\_09

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - LRF, RVL and LVL sometimes weird |
| Walk\_Metronome | EMG  - RVL sometimes weird  + Metronome signal?   * ok |
| Walk\_Stroop | - seems ok  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Lots of noise on the signal but seems ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Lots of noise on the signal but seems ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Lots of noise on the signal but seems ok |
| Rest |  |

**Subject 10: Kota Yamamoto**: Data\_10

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | - seems ok |
| Walk\_Metronome | - Seems ok  + Metronome signal?   * ok |
| Walk\_Stroop | - seems ok  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 | EMG  - RVL is a bit weird |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * high background noisy but seems ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * high background noisy but seems ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * high background noisy but seems ok |
| Rest |  |

**Subject 11: Hiroyuki Yamamoto**: Data\_11

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - RSOL, LSOL a bit noisy  - RVL a little weird |
| Walk\_Metronome | EMG  - seems that RVL came of half way through the trail  - LTA, RSOL, LSOL seem noisy  + Metronome signal?   * ok |
| Walk\_Stroop | EMG  - RSOL seems a little bit noisy  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest |  |

**Subject 12: Hoshino**: Data\_12

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - OBSERVATION: right MG came off during Natural walking at some point during the trail  - visual inspection confirms; RGAS is bad |
| Walk\_Metronome | EMG  - RGAS is bad  - RTA, LRF is a bit weird and noisy  + Metronome signal?   * ok |
| Walk\_Stroop | EMG  - RGAS is bad  - LRF is a bit noisy  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | EMG  - RGAS is bad  - LRF is a bit noisy |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | EMG  - RGAS is bad  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest | EMG  - RGAS is bad |

**Subject 13: Tetsuya So**: Data\_13

- Ch 12 LBF movement artifact noise

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | - seems ok |
| Walk\_Metronome | - seems ok  + Metronome signal?   * ok |
| Walk\_Stroop | EMG  - LBF is weird at the beginning of the trial  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Background a bit high but ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Background a bit high but ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * Background a bit high but ok |
| Rest |  |

**Subject 14: Tazawa**: Data\_14

**Walk DATA**

|  |  |
| --- | --- |
| Walk\_Natural | EMG  - RGAS is bad after min 9 |
| Walk\_Metronome | - seems ok  + Metronome signal?   * ok |
| Walk\_Stroop | EMG  - RGAS is bad  - LRF, LVL seems a bit noisy  + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Walk\_Arm | - seems ok |

**QS DATA**

|  |  |
| --- | --- |
| QS\_EO1 |  |
| QS\_EO2 |  |
| QS\_EC1 |  |
| QS\_EC2 |  |
| QS\_Stroop1 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_Stroop2 | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| QS\_StroopPost | + StroopAnswer #   * ok   + StroopCueTiming signal?   * ok |
| Rest | - moved sometimes during rest; not ideal |