

Supplementary Table 1 - Habituation

| Block | ARMS    |        |         | HC      |        |         |
|-------|---------|--------|---------|---------|--------|---------|
|       | Mean    | SEM    | SD      | Mean    | SEM    | SD      |
| 1     | 472.479 | 69.501 | 375.275 | 440.043 | 70.996 | 299.83  |
| 2     | 383.243 | 49.261 | 254.942 | 333.855 | 50.321 | 226.225 |
| 3     | 325.778 | 52.31  | 308.091 | 288.79  | 53.435 | 187.338 |
| 4     | 300.813 | 59.677 | 362.014 | 252.051 | 60.961 | 194.472 |

Supplementary table 2 - Initial Startle response

| group | UDS      | Mean    | Std. Error | 95% Confidence Interval |             |
|-------|----------|---------|------------|-------------------------|-------------|
|       |          |         |            | Lower Bound             | Upper Bound |
| ARMS  | positive | 219.25  | 194.08     | -173.644                | 612.144     |
|       | negative | 689.944 | 91.49      | 504.733                 | 875.156     |
| HC    | positive | 521.25  | 194.08     | 128.356                 | 914.144     |
|       | negative | 618.875 | 97.04      | 422.428                 | 815.322     |

Supplementary table 3A %PPI in first block

| group | PPI (ms) | Mean    | Std. Error | 95% Confidence Interval |             |
|-------|----------|---------|------------|-------------------------|-------------|
|       |          |         |            | Lower Bound             | Upper Bound |
| ARMS  | 30       | -13.166 | 7.233      | -27.772                 | 1.441       |
|       | 60       | 0.842   | 10.49      | -20.344                 | 22.027      |
|       | 120      | 1.079   | 12.57      | -24.307                 | 26.465      |
| HC    | 30       | 10.851  | 6.614      | -2.507                  | 24.209      |
|       | 60       | 35.973  | 9.594      | 16.599                  | 55.348      |
|       | 120      | 37.777  | 11.496     | 14.561                  | 60.993      |

Supplementary table 3B %PPI in first block

| group | UDS      | PPI (ms) | Mean    | Std. Error | 95% Confidence Interval |             |
|-------|----------|----------|---------|------------|-------------------------|-------------|
|       |          |          |         |            | Lower Bound             | Upper Bound |
| ARMS  | positive | 30       | -34.504 | 13.084     | -60.928                 | -8.08       |
|       |          | 60       | -29.044 | 18.977     | -67.37                  | 9.281       |
|       |          | 120      | -34.995 | 22.74      | -80.92                  | 10.93       |
|       | negative | 30       | 8.172   | 6.168      | -4.284                  | 20.629      |
|       |          | 60       | 30.728  | 8.946      | 12.661                  | 48.794      |
|       |          | 120      | 37.153  | 10.72      | 15.504                  | 58.803      |
| HC    | positive | 30       | 15.852  | 11.703     | -7.783                  | 39.486      |
|       |          | 60       | 47.313  | 16.974     | 13.033                  | 81.592      |
|       |          | 120      | 44.296  | 20.34      | 3.219                   | 85.372      |
|       | negative | 30       | 5.851   | 6.168      | -6.605                  | 18.308      |
|       |          | 60       | 24.634  | 8.946      | 6.567                   | 42.701      |
|       |          | 120      | 31.258  | 10.72      | 9.609                   | 52.907      |

Supplementary table 4A %PPF in first block

| group | PPF (ms) | Mean   | Std. Error | 95% Confidence Interval |             |
|-------|----------|--------|------------|-------------------------|-------------|
|       |          |        |            | Lower Bound             | Upper Bound |
| ARMS  | 1000     | -7.1   | 6.966      | -21.202                 | 7.002       |
|       | 2000     | -3.925 | 7.591      | -19.292                 | 11.442      |
| HC    | 1000     | 5.903  | 6.966      | -8.199                  | 20.005      |
|       | 2000     | 20.642 | 7.591      | 5.276                   | 36.009      |

Supplementary table 4B %PPF in first block

| group | UDS      | PPF (ms) | Mean    | Std. Error | 95% Confidence Interval |             |
|-------|----------|----------|---------|------------|-------------------------|-------------|
|       |          |          |         |            | Lower Bound             | Upper Bound |
| ARMS  | positive | 1000     | -4.62   | 15.583     | -36.223                 | 26.983      |
|       |          | 2000     | -11.961 | 15.291     | -42.971                 | 19.05       |
|       | negative | 1000     | -2.024  | 7.825      | -17.895                 | 13.847      |
|       |          | 2000     | -4.267  | 7.679      | -19.84                  | 11.307      |
| HC    | positive | 1000     | -3.491  | 14.599     | -33.1                   | 26.118      |
|       |          | 2000     | 19.72   | 14.326     | -9.334                  | 48.774      |
|       | negative | 1000     | 18.008  | 8.363      | 1.048                   | 34.968      |
|       |          | 2000     | 18.147  | 8.206      | 1.505                   | 34.79       |