**Table S1**

*Results from the Descriptive Statistical Analysis of Session 2 and 10*

| **Dimensions**Categories | **Session 2** | **Session 10** |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *Total of codified behaviors* | 1631 | 1393 |  |  |  |  |
| **Interaction type** | **Freq (%)** | **M****(SD)** | **Range** | **Freq** **(%)** | **M****(SD)** | **Range** | **χ2(1)** | **t(20)** | ***p*** | ***d*** |
| Low-level interaction | 425(94.65) | 20.24(6.74) | 7—30 | 309 (85.12) | 14.71(5.12) | 3—23 | 20.99\*\*\* | -3.77\*\* | .001 | 0.82 |
| High level interaction | 24(5.35) | 1.14(1.39) | 0—4 | 46(12.67) | 2.19(3.03) | 0—11 | 13.68\*\*\* | 1.54 | .137 | 0.33 |
| Negative level interaction | - | - | - | 8(2.2) | 0.38(0.67) | 0—2 | - | - | - | - |
| *Total of interactions* | **449 (27.5%)** | **363 (26.06%)** | 21.815\*\*\* |  |  |  |
| **Social behavior** |  |  |  |  |  |
| Responses | 362(83) | 17.24(5.69) | 8—28 | 267(81.4) | 12.71(4.7) | 3—20 | 0.079 | -3.49\*\* | .002 | 0.762 |
| Initiations | 77(18) | 3.67(3.7) | 0—12 | 58(17.69) | 2.76(2.05) | 0—7 | 0 | -0.89 | .382 | 0.195 |
| Evitations | - | - | - | 3(0.91) | 0.14(0.21) | 0—1 | - | - | - | - |
| *Total social behaviors* | **439 (27%)** | **328 (23.55%)** | 4.50\* |  |  |  |
| **Verbal communication** |  |  |  |  |  |  |
| Functional communication | 307(96.5) | 14.62(8.67) | 3—30 | 252(92.99) | 12(5.67) | 0—22 | 3.82 | -1.86 | .077 | 0.41 |
| Social verbal communication | 8(2.5) | 0.38(0.81) | 0—3 | 15(5.53) | 0.71(1.42) | 0—6 | 3.55 | 1.13 | .273 | 0.24 |
| Sharing experiences | - | - | - | 2(0.74) | 0.09(0.44) | 0—2 | - | - | - | - |
| Non-functional communication | 3(0.94) | 0.14(0.48) | 0—2 | 1(0.37) | 0.05(0.22) | 0—1 | - | - | - | - |
| Verbal aggressive communication | - | - | - | 1(0.37) | 0.05(0.22) | 0—1 | - | - | - | - |
| *Total verbal communication* | **318 (19.5%)** | **271 (19.45%)** | 0 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dimensions**Categories | **Session 2** | **Session 10** |  |  |  |  |
| **Facial expressions** | **Freq (%)** | **M****(SD)** | **Range** | **Freq (%)** | **M****(SD)** | **Range** | **χ2(1)** | **t(20)** | ***p*** | ***d*** |
| Smile | 8(0.49) | 0.38(0.67) | 0—2 | 26(1.86) | 1.24(2.02) | 0—7 | 12.79\*\*\* | 1.88 | .095 | 0.38 |
| **Looking** |  |  |  |  |  |  |
| Looking to an object or another situation | 148(92.5) | 7.05(6.45) | 0—18 | 131(80.37) | 6.24(4.29) | 0—13 | 10.1\*\* | -0.87 | .397 | 0.19 |
| Eye contact | 11(6.87) | 0.52(0.98) | 0—3 | 29 (17.79) | 1.38(2.27) | 0—9 | 8.87\*\* |  1.82 | .082 |  0.39 |
| Looking without eye contact | 1 (.67) | 0.05(0.22) | 0—1 | 3 (1.84) | 0.14(0.48) | 0—2 | - | - | - | - |
| *Total looking* | **160 (9.8%)** | **163 (11.7%)** | 2.81 |  |  |  |
| **Gestures** |  |  |  |  |  |  |
| Pointing gestures | 111(67.68) | 5.28(4.45) | 0—14 | 87(56.13) | 4.15(3.38) | 0—10 | 4.52\* | -1.25 | .227 | 027 |
| Emotional gestures | 23(14) | 1.09(1.2) | 0—4 | 26(16.77) | 1.24(1.49) | 0—5 | 0.46 | 0.69 | .497 | 0.15 |
| Conventional gestures | 15(9.15) | 0.71(1.15) | 0—4 | 24 (15.48) | 1.14(1.14) | 0—3 | 2.98 | 1.74 | .097 | 0.38 |
| Affirmation or denial gesture | 9(5.5) | 0.43(0.75) | 0—2 | 8(5.16) | 0.38(0.97) | 0—4 | 0.02 | -0.21 | .833 | 0.04 |
| Descriptive gesture | 6(3.65) | 0.29(0.66) | 0—2 | 10(6.45) | 0.48(0.81) | 0—3 | 1.30 |  0.68 |  .504 | 0.15 |
| *Total gestures* | **164 (10%)** | **155 (11.13%)** |  0.91 |  |  |  |

﻿\*p < .05. \*\*p < .01. \*\*\*p < .001