**Table S2.** Statistical results for group effect (Kruskall & Wallis) and for paired comparisons (Mann-Whitney) in each duration of call types. Significance threshold was set at p<0.005.

|  |  |
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| A | **Call duration** (Group effect: H 4 = 36.51, P = <0. 0001) |
|  | SIT-grouped (N=8) | Exploration-grouped (N=8) | Exploration-isolated (N=15) | Restraint (N=16) |
| SIT-isolated (N=17) | U=112,P<0.0001 | U=120, P=0.00147 | U=245,P<0.0001 | U=234, P=0.0002 |
| SIT-grouped (N=8) | - | U=36, P=0.7209 | U=112, P=0.0002 | U=68, P=0.834 |
| Exploration-grouped (N=8) | - | - | U=10,P=0.0005 | U=56, P=0.652 |
| Exploration-isolated (N=15) | - | - | - | U=18, P<0.0001 |
| B | ***Short*** *(Group effect: H 4 = 36.27, P<0.0001)* |
|  | SIT-grouped (N=8) | Exploration-grouped (N=8) | Exploration-isolated (N=15) | Restraint (N=16) |
| SIT-isolated (N=17) | U=104, P=0.03 | U=108, P=0.018 | U=248,P<0.0001 | U=188,P=0.0052 |
| SIT-grouped (N=8) | - | U=51,P=0.049 | U=117,P<0.0001 | U=55,P=0.973 |
| Exploration-grouped (N=8) | - | - | U=16,P=0.0032 | U=21,P=0.015 |
| Exploration-isolated (N=15) | - | - | - | U=6,P<0.0001 |
| C | ***Composite*** *(Group effect: H 4 = 43.63, P<0.0001)* |
|  | SIT-grouped (N=8) | Exploration-grouped (N=8) | Exploration-isolated (N=15) | Restraint (N=16) |
| SIT-isolated (N=17) | U=93.5,P=0.0042 | U=118,P<0.0001 | U=221,P<0.0001 | U=238,P<0.0001 |
| SIT-grouped (N=8) | - | U=44,P=0.0721 | U=97,P=0.0007 | U=93,P=0.011 |
| Exploration-grouped (N=8) | - | - | U=10,P=0.00055 | U=76,P=0.489 |
| Exploration-isolated (N=15) | - | - | - | U=26,P<0.0001 |
| D | ***Upward*** |
|  | SIT-grouped (N=8) | Exploration-grouped (N=8) | Exploration-isolated (N=15) | Restraint (N=16) |
| SIT-isolated (N=17) | U=30,P=0.3587 | - | - | - |
| SIT-grouped (N=8) | - | - | - | - |
| Exploration-grouped (N=8) | - | - | - | - |
| Exploration-isolated (N=15) | - | - | - | - |

|  |  |
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| E | ***Modulated*** |
|  | SIT-grouped (N=8) | Exploration-grouped (N=8) | Exploration-isolated (N=15) | Restraint (N=16) |
| SIT-isolated (N=17) | U=55,P=0.1418 | - | - | - |
| SIT-grouped (N=8) | - | - | - | - |
| Exploration-grouped (N=8) | - | - | - | - |
| Exploration-isolated (N=15) | - | - | - | - |
| F | ***One frequency jump*** |
|  | SIT-grouped (N=8) | Exploration-grouped (N=8) | Exploration-isolated (N=15) | Restraint (N=16) |
| SIT-isolated (N=17) | U=78,P=0.0266 | U=101,P=0.0014 | - | - |
| SIT-grouped (N=8) | - | U=31,P=0.1807 | - | - |
| Exploration-grouped (N=8) | - | - | - | - |
| Exploration-isolated (N=15) | - | - | - | - |