

|                            |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Spike frequency adaptation | Tonic spiking           | 9.63  | 7.38  | 7.70  | 10.05 | 8.16  | 5.02  | 10.11 | 7.51  | 7.73  | 5.41  | 5.91  | 8.32  | 10.92 | 5.46  | 8.53  | 9.19  | 9.32  | 8.88  | 8.13  | 6.85  | 9.23  | 8.18  | 5.76  | 6.75  | 8.14  | 5.95  | 7.86  |
|                            | Class 1                 | 0.01  | 0.12  | 0.23  | 0.01  | 0.01  | 0.13  | 0.01  | 0.03  | 0.02  | 0.02  | 0.24  | 0.01  | 0.02  | 0.21  | 0.31  | 0.02  | 0.01  | 0.08  | 0.01  | 0.02  | 0.02  | 0.01  | 0.01  | 0.32  | 0.03  | 0.07  | 0.02  |
|                            |                         | 20.48 | 17.36 | 17.43 | 20.28 | 21.32 | 15.25 | 19.10 | 14.16 | 18.55 | 13.20 | 16.25 | 17.93 | 18.45 | 16.60 | 17.74 | 20.01 | 20.09 | 20.36 | 19.62 | 18.40 | 17.24 | 18.05 | 15.54 | 18.30 | 18.10 | 13.95 | 18.35 |
|                            | Phasic spiking          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  |
|                            | Accommodation           | 0.17  | 0.02  | 0.07  | 0.02  | 0.02  | 0.03  | 0.02  | 0.02  | 0.32  | 0.05  | 0.05  | 0.01  | 0.26  | 0.30  | 0.27  | 0.02  | 0.02  | 0.02  | 0.02  | 0.56  | 0.02  | 0.29  | 0.02  | 0.03  | 0.03  | 0.45  | 0.03  |
|                            | Threshold variability   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.02  | 0.00  | 0.00  |
|                            | Rebound spike           | 20.73 | 21.74 | 21.60 | 21.11 | 19.71 | 27.31 | 20.85 | 21.15 | 24.80 | 20.19 | 26.13 | 20.83 | 20.23 | 20.70 | 25.20 | 19.94 | 16.95 | 23.43 | 20.35 | 26.38 | 18.33 | 16.66 | 25.63 | 24.24 | 20.17 | 23.32 | 24.43 |
|                            | Class 2                 | 7.56  | 5.66  | 6.94  | 8.90  | 7.22  | 3.94  | 8.26  | 6.63  | 6.83  | 5.26  | 5.37  | 6.72  | 7.47  | 4.46  | 7.33  | 9.05  | 8.54  | 8.21  | 7.24  | 6.29  | 6.64  | 7.12  | 5.14  | 5.83  | 7.10  | 4.58  | 5.90  |
|                            | Integrator              | 0.76  | 0.91  | 0.66  | 0.63  | 0.74  | 1.09  | 0.65  | 0.86  | 0.78  | 0.54  | 0.93  | 0.52  | 0.56  | 0.76  | 0.78  | 0.66  | 0.61  | 0.47  | 0.72  | 0.91  | 0.77  | 0.48  | 0.95  | 0.88  | 0.54  | 0.75  | 0.86  |
|                            | Input bistability       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  |
|                            | Hyperpolarizing spiking | 0.03  | 0.13  | 0.09  | 0.04  | 0.01  | 0.13  | 0.25  | 0.03  | 0.06  | 0.01  | 0.02  | 0.02  | 0.02  | 0.18  | 0.25  | 0.07  | 0.51  | 0.04  | 0.03  | 0.06  | 0.04  | 0.02  | 0.00  | 0.02  | 0.06  | 0.44  | 0.07  |
| Hyperpolarizing bursting   |                         | 0.39  | 1.78  | 2.06  | 0.50  | 0.83  | 2.68  | 0.77  | 1.08  | 0.34  | 1.28  | 0.40  | 1.15  | 1.51  | 0.33  | 1.25  | 0.79  | 0.93  | 1.11  | 0.45  | 1.10  | 0.36  | 0.38  | 0.73  | 0.60  | 0.67  | 1.07  | 0.25  |
|                            | Tonic bursting          | 0.21  | 0.10  | 0.16  | 0.65  | 0.26  | 0.42  | 0.39  | 0.24  | 0.03  | 0.67  | 0.35  | 0.03  | 0.13  | 0.30  | 0.20  | 0.09  | 0.29  | 0.53  | 0.36  | 0.03  | 0.05  | 0.28  | 0.02  | 0.46  | 0.22  | 0.04  | 0.28  |
|                            | Phasic bursting         | 1.77  | 1.88  | 3.77  | 1.78  | 2.11  | 2.69  | 4.51  | 2.07  | 3.15  | 2.00  | 3.24  | 0.92  | 3.48  | 2.30  | 4.47  | 4.64  | 1.01  | 2.49  | 4.66  | 2.64  | 2.86  | 2.89  | 3.20  | 2.63  | 2.26  | 2.54  | 3.68  |
|                            | Rebound burst           | 32.43 | 34.15 | 31.81 | 29.81 | 31.90 | 36.09 | 29.10 | 39.38 | 31.73 | 45.05 | 34.11 | 37.57 | 30.63 | 40.18 | 24.06 | 29.83 | 36.75 | 28.18 | 32.11 | 28.79 | 39.28 | 38.17 | 34.78 | 32.49 | 37.14 | 40.58 | 30.30 |
| Preferred frequency        | Mixed mode              | 1.57  | 1.81  | 1.10  | 0.83  | 2.06  | 0.83  | 1.82  | 1.80  | 1.96  | 1.78  | 1.03  | 1.04  | 2.67  | 1.52  | 2.77  | 2.06  | 1.10  | 0.82  | 1.23  | 1.53  | 1.54  | 1.25  | 2.17  | 1.05  | 0.67  | 1.13  | 2.82  |
|                            | Afterpotentials         | 0.05  | 0.06  | 0.05  | 0.05  | 0.05  | 0.09  | 0.05  | 0.06  | 0.06  | 0.05  | 0.08  | 0.04  | 0.05  | 0.05  | 0.06  | 0.04  | 0.05  | 0.04  | 0.06  | 0.07  | 0.05  | 0.04  | 0.06  | 0.07  | 0.06  | 0.06  | 0.07  |
|                            | Basal bistability       | 3.39  | 6.37  | 4.71  | 4.22  | 5.05  | 3.65  | 3.23  | 3.83  | 2.39  | 3.92  | 5.46  | 4.68  | 2.51  | 5.64  | 5.88  | 2.57  | 3.25  | 5.19  | 4.79  | 5.83  | 2.95  | 5.40  | 4.92  | 5.59  | 4.37  | 4.50  | 4.32  |
|                            |                         | 0.79  | 0.52  | 1.60  | 1.11  | 0.54  | 0.64  | 0.88  | 1.15  | 1.24  | 0.56  | 0.42  | 0.19  | 1.08  | 1.00  | 0.91  | 1.02  | 0.56  | 0.16  | 0.22  | 0.53  | 0.60  | 0.79  | 1.04  | 0.72  | 0.41  | 0.56  | 0.76  |
|                            | Spike latency           | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.00  |
|                            |                         | Space | A     | B     | C     | D     | E     | F     | G     | H     | I     | J     | K     | L     | M     | N     | O     | P     | Q     | R     | S     | T     | U     | V     | W     | X     | Y     | Z     |