

|                            |                       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Spike frequency adaptation | Tonic spiking         | 6.92  | 8.11  | 6.97  | 5.63  | 6.39  | 7.97  | 6.38  | 6.52  | 7.14  | 7.00  | 7.30  | 7.67  | 6.68  | 6.15  | 5.80  | 8.21  | 5.99  | 8.33  | 7.11  | 7.01  | 6.17  | 7.17  | 7.11  | 6.64  | 7.54  | 8.23  | 7.70  |
|                            | Class 1               | 0.06  | 0.12  | 0.12  | 0.20  | 0.02  | 0.12  | 0.04  | 0.16  | 0.03  | 0.08  | 0.17  | 0.06  | 0.02  | 0.02  | 0.06  | 0.05  | 0.14  | 0.08  | 0.02  | 0.07  | 0.04  | 0.16  | 0.05  | 0.06  | 0.18  | 0.04  | 0.11  |
|                            |                       | 17.09 | 18.58 | 18.86 | 15.72 | 19.22 | 18.10 | 17.65 | 18.26 | 18.26 | 17.42 | 16.11 | 18.53 | 17.43 | 17.65 | 17.37 | 20.16 | 16.48 | 19.49 | 18.52 | 16.67 | 18.10 | 18.47 | 17.52 | 17.91 | 18.70 | 19.49 | 19.14 |
|                            | 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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
|                            | Accommodation         | 0.03  | 0.07  | 0.02  | 0.02  | 0.24  | 0.16  | 0.10  | 0.09  | 0.09  | 0.07  | 0.11  | 0.09  | 0.08  | 0.24  | 0.18  | 0.02  | 0.11  | 0.22  | 0.09  | 0.18  | 0.12  | 0.11  | 0.04  | 0.17  | 0.18  | 0.11  | 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  | 0.00  | 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  |
|                            | Rebound spike         | 19.20 | 18.30 | 16.63 | 20.66 | 22.01 | 16.58 | 22.46 | 21.62 | 19.34 | 19.38 | 18.46 | 20.65 | 21.41 | 19.61 | 19.13 | 18.80 | 21.25 | 17.16 | 18.73 | 20.81 | 20.40 | 19.29 | 19.09 | 20.33 | 21.11 | 18.37 | 17.40 |
|                            | Class 2               | 6.06  | 7.42  | 6.31  | 5.11  | 6.22  | 6.91  | 5.49  | 5.69  | 5.86  | 6.09  | 6.08  | 6.47  | 5.77  | 5.66  | 4.98  | 7.22  | 5.41  | 6.60  | 6.31  | 5.56  | 5.94  | 6.13  | 6.44  | 5.46  | 6.39  | 7.14  | 7.10  |
|                            | Integrator            | 0.66  | 0.51  | 0.47  | 0.65  | 0.80  | 0.55  | 0.85  | 0.76  | 0.62  | 0.64  | 0.70  | 0.72  | 0.82  | 0.63  | 0.71  | 0.73  | 0.60  | 0.56  | 0.67  | 0.80  | 0.67  | 0.67  | 0.61  | 0.77  | 0.73  | 0.58  | 0.57  |
|                            | 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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| Hyperpolarizing spiking    | 0.11                  | 0.06  | 0.02  | 0.06  | 0.07  | 0.19  | 0.12  | 0.16  | 0.15  | 0.03  | 0.08  | 0.09  | 0.04  | 0.09  | 0.04  | 0.09  | 0.11  | 0.04  | 0.09  | 0.15  | 0.06  | 0.11  | 0.04  | 0.02  | 0.06  | 0.14  | 0.08  |       |
| Hyperpolarizing bursting   | 0.89                  | 0.94  | 0.99  | 0.44  | 0.66  | 0.70  | 0.71  | 1.04  | 0.75  | 0.82  | 0.63  | 0.78  | 0.68  | 1.01  | 0.84  | 0.87  | 1.11  | 0.56  | 0.85  | 0.92  | 1.29  | 0.72  | 0.49  | 0.86  | 0.56  | 0.84  | 0.85  |       |
| Tonic bursting             | 0.35                  | 0.32  | 0.60  | 0.19  | 0.31  | 0.37  | 0.30  | 0.42  | 0.26  | 0.34  | 0.20  | 0.30  | 0.32  | 0.24  | 0.43  | 0.42  | 0.26  | 0.17  | 0.42  | 0.40  | 0.43  | 0.21  | 0.35  | 0.39  | 0.27  | 0.26  | 0.35  |       |
| Phasic bursting            | 2.84                  | 2.87  | 2.13  | 2.84  | 3.74  | 3.17  | 3.47  | 3.53  | 3.21  | 2.24  | 2.18  | 3.34  | 3.68  | 3.17  | 2.88  | 2.68  | 2.64  | 2.00  | 2.67  | 3.20  | 3.02  | 2.96  | 2.33  | 2.34  | 3.30  | 2.64  | 2.39  |       |
| Rebound burst              | 38.56                 | 36.97 | 40.90 | 40.93 | 34.03 | 38.55 | 36.07 | 35.77 | 38.09 | 39.63 | 41.32 | 35.38 | 37.50 | 38.77 | 40.28 | 35.41 | 40.32 | 39.03 | 38.16 | 37.33 | 37.87 | 37.76 | 39.61 | 38.84 | 35.33 | 36.36 | 38.14 |       |
| Mixed mode                 | 0.88                  | 0.67  | 0.66  | 1.00  | 1.07  | 1.14  | 1.42  | 1.25  | 1.15  | 0.91  | 0.94  | 1.23  | 0.89  | 1.24  | 0.77  | 1.07  | 1.03  | 0.65  | 0.89  | 0.86  | 0.89  | 1.14  | 0.90  | 0.68  | 1.19  | 0.90  | 1.01  |       |
| Afterpotentials            | 0.05                  | 0.04  | 0.04  | 0.05  | 0.06  | 0.04  | 0.06  | 0.06  | 0.05  | 0.05  | 0.08  | 0.05  | 0.06  | 0.05  | 0.05  | 0.05  | 0.05  | 0.04  | 0.05  | 0.06  | 0.05  | 0.05  | 0.05  | 0.06  | 0.05  | 0.05  | 0.04  |       |
| Basal bistability          | 5.78                  | 4.60  | 4.75  | 5.85  | 4.57  | 4.73  | 3.94  | 4.11  | 4.45  | 4.88  | 5.03  | 4.05  | 4.10  | 4.80  | 6.04  | 3.83  | 4.09  | 4.55  | 4.63  | 5.34  | 4.13  | 4.29  | 4.88  | 4.74  | 3.83  | 4.31  | 4.94  |       |
| Preferred frequency        | 0.50                  | 0.41  | 0.53  | 0.64  | 0.58  | 0.72  | 0.94  | 0.56  | 0.53  | 0.43  | 0.62  | 0.58  | 0.53  | 0.67  | 0.44  | 0.37  | 0.41  | 0.52  | 0.77  | 0.65  | 0.83  | 0.76  | 0.49  | 0.71  | 0.56  | 0.52  | 0.16  |       |
| 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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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     |       |