|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Authors | Mean FDR | Median FDR | # Units | τc (ms) | Sorter |
| Economo et al., 2018 | 12.5% ± 0.5% | 3.1% ± 0.6% | 1988 | 0.25 | JRClust |
| Xu et al., 2022 | 14.3% ± 0.4% | 3.1% ± 0.5% | 3046 | 0 | Kilosort |
| Inagaki et al., 2022 | 17.7% ± 0.3% | 6.2% ± 0.3% | 7968 | 0.25 | JRClust/Kilosort |
| Gao et al., 2018 | 18.7% ± 0.6% | 4.4% ± 0.7% | 1923 | 0.5 | UltraMegaSort2000 |
| Guo et al., 2017 | 18.8% ± 0.6% | 6.5% ± 0.7% | 1936 | 0.85 | UltraMegaSort2000 |
| Li et al., 2016 | 19.7% ± 0.7% | 4.5% ± 0.8% | 1543 | 0.85 | UltraMegaSort2000 |
| Steinmetz et al., 2019 | 28.0% ± 0.1% | 6.9% ± 0.2% | 48661 | 0 | Kilosort |
| Sylwestrak et al., 2022 | 29.1% ± 0.3% | 12.8% ± 0.4% | 10548 | 0.25 | Kilosort |
| Finkelstein et al., 2021 | 32.9% ± 0.4% | 23.3% ± 0.5% | 5164 | 0.25 | JRClust |
| Stringer et al., 2019✝ | 33.1% ± 0.4% | 21.9% ± 0.5% | 6446 | 0 | Kilosort |
| Chinta & Pluta, 2022 | 36.2% ± 1.0% | 28.2% ± 1.3% | 991 | 0 | Kilosort |
| Juavinett et al., 2019✝ | 45.4% ± 0.6% | 52.9% ± 0.8% | 2256 | 0 | Kilosort |

✝Calculated using homogeneous equation

**Table 1**. Mean and median FDR of publicly available spike-sorted electrophysiology datasets