

Table 2: Comparison with State-of-the-Art Methods

Disease	Method	Accuracy (%)	AUC
Epilepsy	Acharya et al. (2018)	88.7	0.923
	Hussain et al. (2021)	94.5	0.968
	Zhang et al. (2023)	96.2	0.982
	Ours (NeuroMCP-Agent)	99.02	0.995
Schizophrenia	Shalbaf et al. (2020)	86.3	0.912
	Du et al. (2020)	88.1	0.935
	Ours (NeuroMCP-Agent)	97.17	0.985
Autism	Bosl et al. (2018)	91.2	0.945
	Kang et al. (2020)	94.8	0.972
	Ours (NeuroMCP-Agent)	97.67	0.989
Depression	Mumtaz et al. (2017)	82.5	0.875
	Cai et al. (2020)	87.3	0.921
	Ours (NeuroMCP-Agent)	91.07	0.956