

13 indication families tested, 5 more landed

Deep learning features: best result per capability on held-out cohorts. Blank = not tested.

		Detection / state	Subtyping	Severity / staging	Prognosis / outcome
Neurology	Alzheimer's disease	AUC 0.78–0.95 † N = 18–26	AUC 0.56–0.78 † N = 14–20	MMSE r = 0.62 † N = 27	
	FTD, vascular, MCI	AUC 0.58–0.76 † N = 14–40			
	Parkinson's disease	AUC 0.65–0.98 ‡ N = 14–144		data landed N = 312	AUC 0.68 N = 94
	Multiple sclerosis	AUC 0.95 ‡ N = 55			
Psychiatry & injury	Depression	AUC 0.84 · d ≈ 1.1–1.4 N = 348		none detected † N = 20–23	none detected N = 269–273
	ADHD	AUC 0.62 † N = 30			
	Psychosis, post-COVID	AUC 0.53 · 0.48 N = 82–169			
	Traumatic brain injury	AUC 0.70 N = 40			
Brain states & development	Epilepsy	AUROC 0.88 per patient † N = 4			
	Sleep			κ 0.68 · AUC 0.93 † N = 23	
	Child neurodevelopment	age r 0.78 N = 272		none detected N = 267	
	Routine EEG	AUC 0.92 N = 184			
	Brain-health profile	AUC 0.73 (routed 0.76) N = 336			

 Strong: AUC ≥ 0.85, ≥ 30 test subjects  Moderate: AUC ≥ 0.70  Weak: 0.58–0.70  No signal  Data landed, not yet modelled

Landed Sep 2026, modelling not started

Cardiac-arrest coma outcome N = 579	Sleep disorders and apnea N = 250	Sleep staging at scale N = 994	ALS and severity N = 48	Neonatal HIE grade N = 53
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N = held-out test subjects; † = fewer than 30. Alzheimer's severity: r = 0.62 pools patients and healthy controls; among patients alone (N = 31, leave-one-out) r = -0.30, so severity is not tracked. FTD, vascular-dementia and CAUEEG Parkinson's results are age-confounded; depression is also 0.79 age-matched. ‡ BrainLat recorded MS only in Argentina and Parkinson's only in Chile, so these cells partly reflect recording site (the encoder predicts site near chance, AUC 0.56; EEG features 0.74); the cleaner Parkinson's result is Tel Aviv (N = 144, AUC 0.78).