

# ■ Virtual Brain Twin – Personalized Treatment Report

**Generated On:** 2025-10-18 20:35:39

Parameter	Value
Optimal Coupling (a)	0.0145
Best Correlation	0.0295

This report summarizes the Virtual Brain Twin simulation. The optimal coupling parameter (a) represents the balance between different brain regions' activity levels, while the correlation indicates how closely the simulated brain dynamics match the target functional connectivity. Higher correlations imply better personalization. These parameters can now guide further tuning or clinical simulation.

## Simulated Brain Activity Graph:

