Supplementary Data File 1 (SDFile_1)

Consumer Neurotechnology Product Documentation

This supplementary file provides the full product documentation supporting the analysis in Section 4.2 and Table 2 of the main article. Five consumer neurotechnology products available on Zambian e-commerce platforms as of December 2025 were selected based on three criteria: marketed for attention, focus, or cognitive improvement; purchasable without a medical prescription; and capable of EEG or equivalent neural data collection.

Products are identified by type-class rather than brand name in accordance with the methodology stated in the main text, to mitigate legal risks associated with terms-of-service criticism in academic publications while preserving the reproducibility of the legal analysis.

Product Class	Data Collected	Policy Languages	Third-Party Sharing Provisions	Local Storage Option	Retrieval Date
Product A (Muse-class EEG headband)	Raw EEG; processed attention metrics	English only	Yes ('aggregated')	No	December 2025
Product B (Neurofeedback app + headset)	Processed emotional valence; fatigue indices	English only	Yes ('de-identified')	No	December 2025
Product C (Meditation headband)	Raw EEG; meditation depth score	English, French	Yes ('research partners')	No	December 2025
Product D (Cognitive training headset)	Processed cognitive load index	English only	No (stated)	Partial (optional cloud)	December 2025
Product E (Student focus wearable)	Attention level; distraction duration	English only	Yes (unspecified)	No	December 2025

Note: None of the products reviewed offered privacy policies in any Zambian indigenous language. None of the products' terms of service referenced the Zambian Data Protection Act No. 3 of 2021. No product disclosed that its EEG data was subject to the Zambian Act's biometric data provisions.