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Introduction to the Videos





The idea that we can record brain activity from electrodes on the scalp seems preposterous.

The raw EEG can indicate general state, but it can't tell us much about specific neurocognitive processes.

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Event-Related Potential

An electrical potential (voltage) generated by the brain that is related to an event







ERPs can be used to explore a huge range of topics, including development, visual attention, anxiety & depression, individual differences in working memory, and who will eventually awake from a coma



We don't usually know which specific areas of the brain are producing the voltages we're recording from our scalp electrodes.

But ERPs can still tell us a great deal about the mind and brain that would be difficult to learn from any other technique.