

Experiment HP-3: The Galvanic Skin Response, Deception, Cognitive Complexity, and Vigilance

Background

This experiment contains four exercises that are a continuation of Experiment HP-2 and use changes in skin conductance to measure subjects' psychophysiological responses to additional tasks. In these exercises, you will:

- test an experimental hypothesis about deliberate deception, guilty knowledge, and the amplitude of the GSR;
- test an experimental hypothesis about cognitive complexity and the latency of the GSR;
- test an experimental hypothesis about personality, vigilance, and the lability of skin conductance levels.