# CHAPTER 6

## **DATA COLLECTION**

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## **CHAPTER 6**

### **DATA COLLECTION**

#### **6.1 DATA COLLECTION**

All the data was collected with the Field REG devices connected to a laptop with the Sample size set to 200 Bits/Sec. Comments were entered to mark segments in the event and to note some details about the event. Data was examined according to overall experiments and by time-stamped epochs following human events in proximity to the test environment.

#### **6.2 DATA EXTRACTION**

From the Psyleron REG-1 software, the data was imported to the excels for further analysis.

#### **6.3 DATA ANALYSIS**

Since this being an exploratory study two-tailed probabilities of deviations have been reported of REG output. A probability of less than 0.05 was considered significant and P<0.1>0.05 is considered as REG trend. The time-stamped epochs, their respective trial counts and statistics are presented in the tables where N = number of REG events, Zc= combined z-score, Es= effect size (Zc/ $\sqrt{N}$ ; equal to mean REG z), p = probability (2T) of Zc.

\*\*significant at *p* < 0.05,\* trend at<0.1>0.05 (2T).