



Figure 1. A participant wearing the biosensors and the 3D glasses



Figure 2. The bar scene

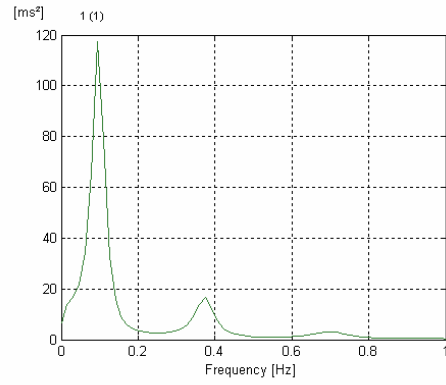
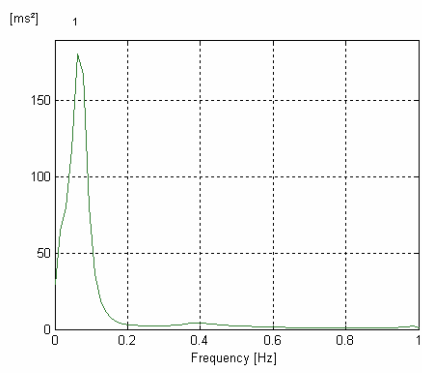


Figure 3: HRV in frequency domain of the training phase (left side) and experimental phase (right side).

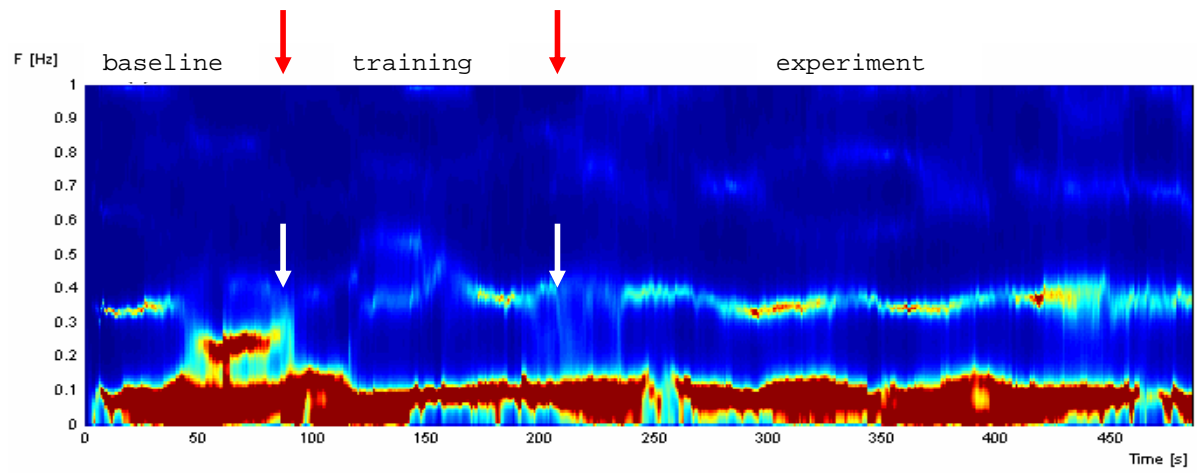


Figure 4: Time/frequency map shows the activation of parasympathetic and sympathetic systems.

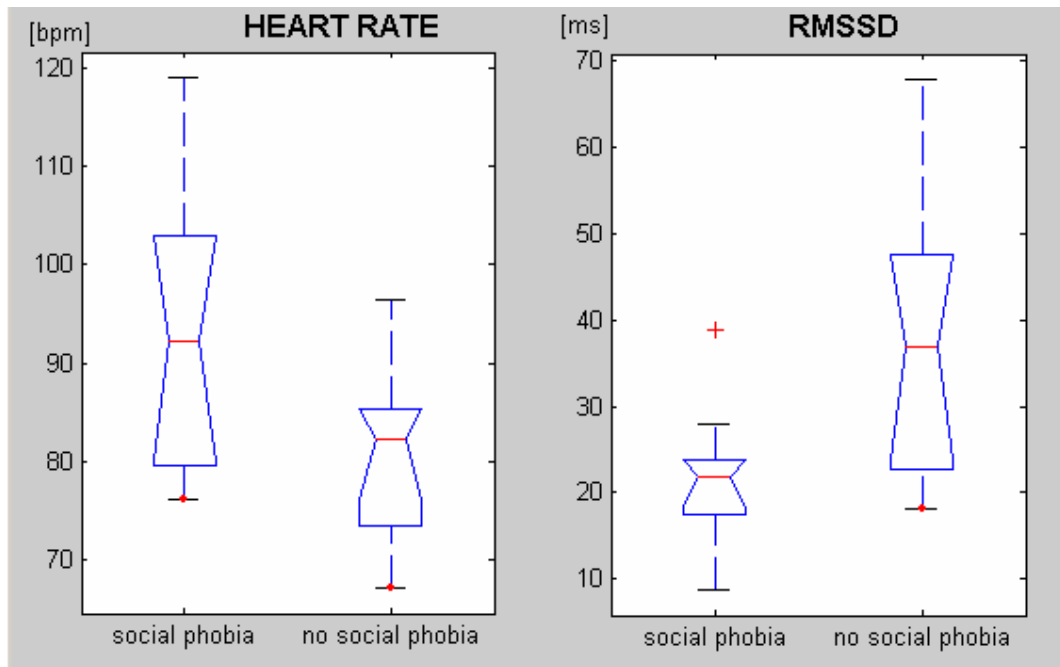


Figure 5: Heart rate and HRV difference depending on social phobic level of participants.

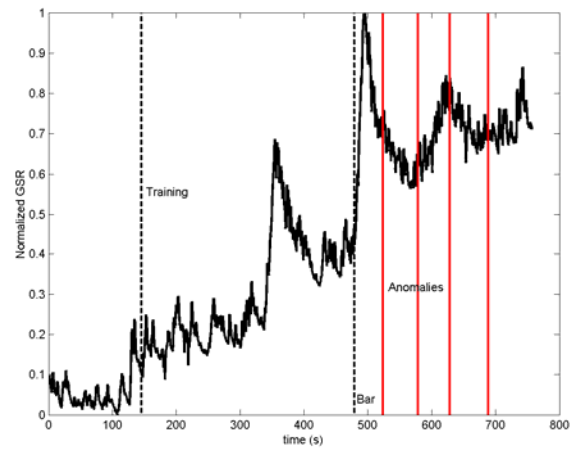


Figure 6. Event Sequence and GSR (participant 1)

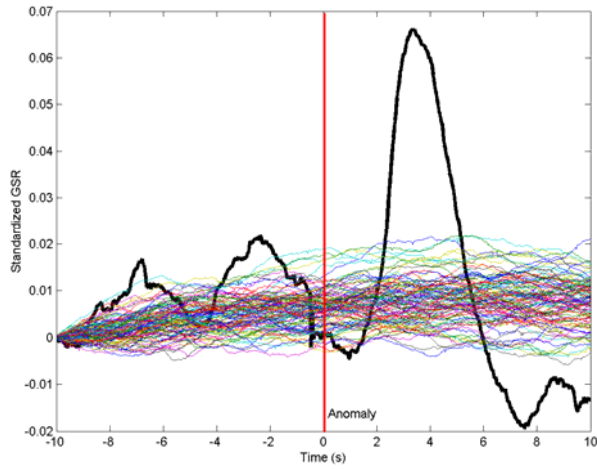


Figure 7. Average GSR wave forms – black curve true anomalies – lighter curves – randomized anomalies

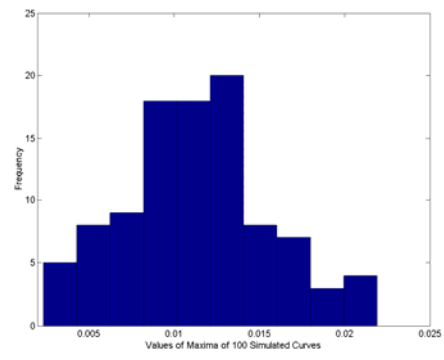
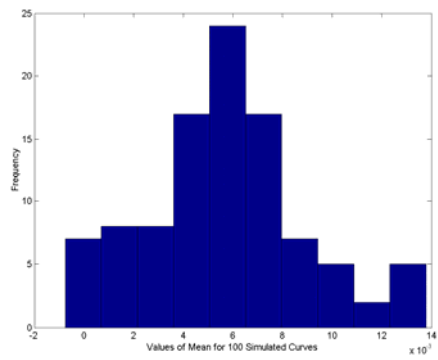


Figure 8. Sampling distributions for mean and maxima of the 100 simulated curves based

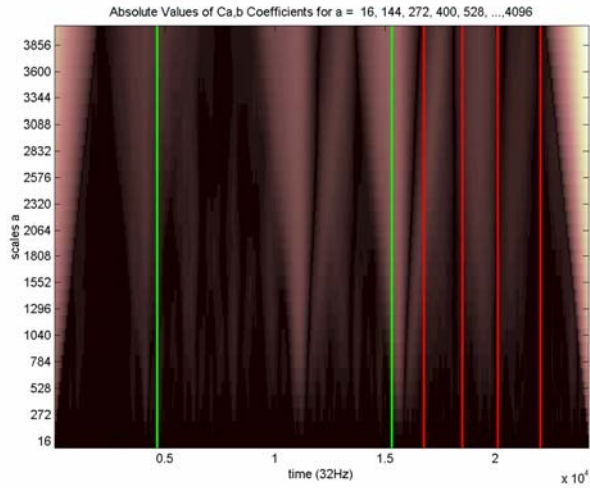


Figure 9. Wavelet transformation of complete GSR sequence for participant 1. Higher values of C indicated by greater color intensity. The first two lines indicate the start of the training and of the bar experiment, the last 4 lines indicate the anomalies.

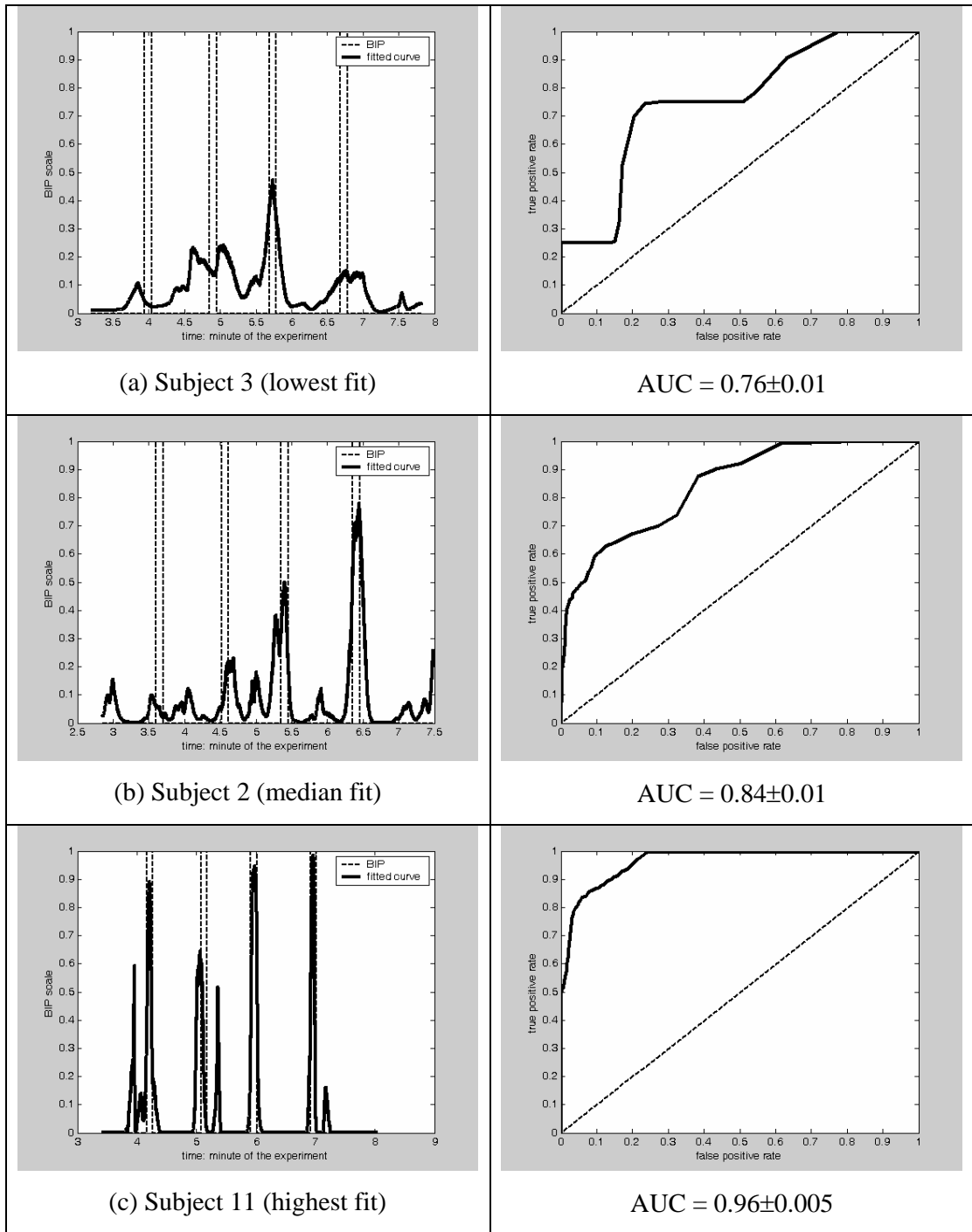


Figure 10 : The left column shows the plot of $b(t)$ and $\hat{b}(t)$ against t , for the subjects with the lowest, median and highest AUCs. The corresponding ROC curves are shown in the right column. The time t is only during the time of the actual ‘bar’ experience.

