

APPENDIX F

RE-SAMPLING TESTS

F.1 On-line re-sampling test on experiment no. 1, sensor no. 1 with 100 re-sampled mean value feature signals

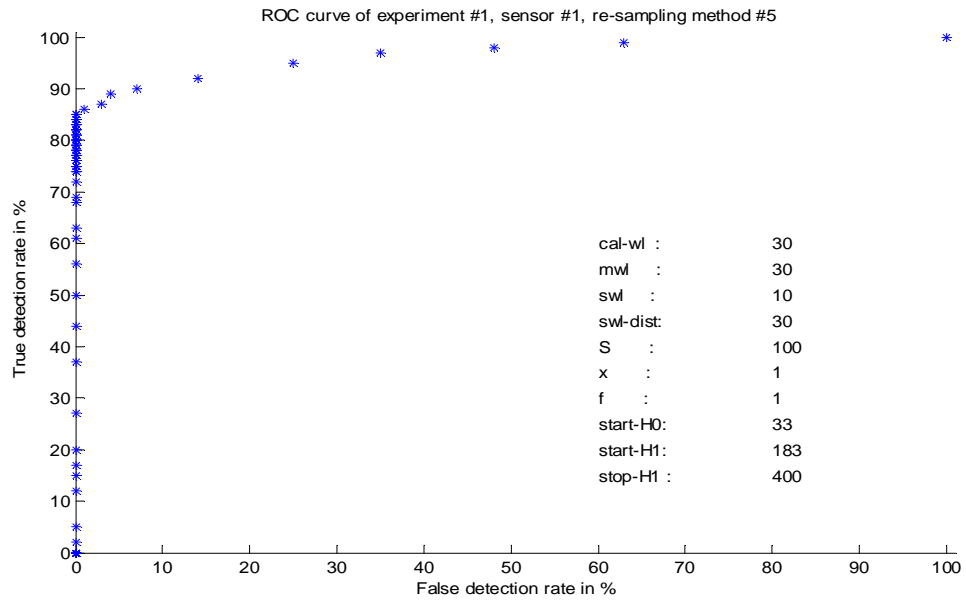


Figure F.1.1: The mean value decision function is activated, the deviation decision function is deactivated.

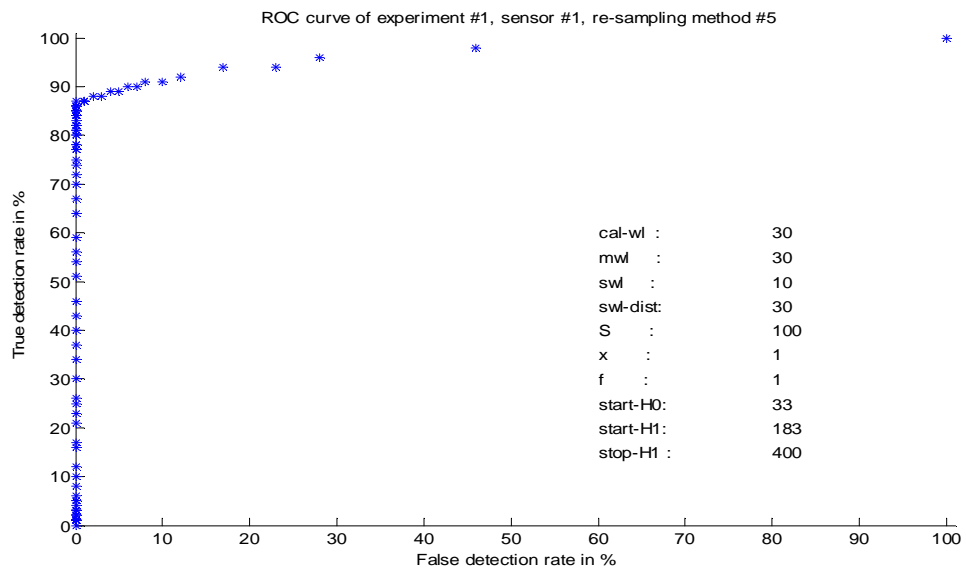


Figure F.1.2: The mean value decision function is deactivated, the deviation decision function is activated.

Appendix F - Re-sampling tests

F.2 Off-line hypothesis test on experiment no. 1, sensor no. 2. The mean value feature signal changes in only the mean value.

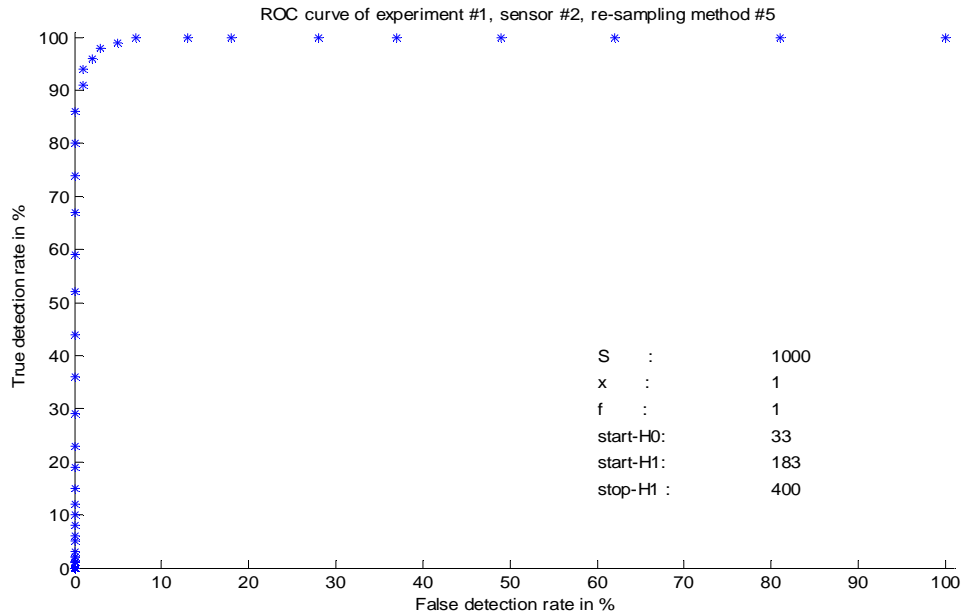


Figure F.2.1: Sweep of the critical value of the log-likelihood ratio when change in the mean value is assumed.

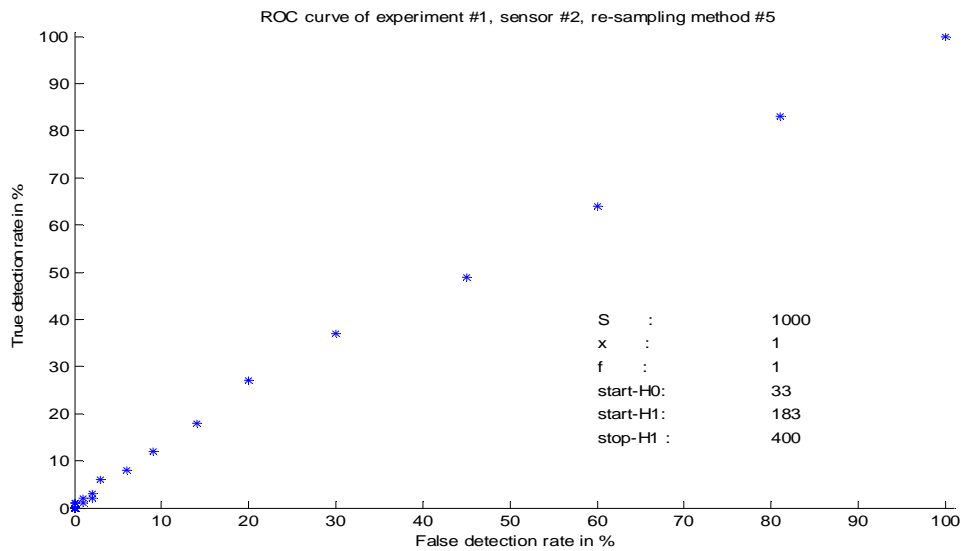


Figure F.2.2: Sweep of the critical value of the log-likelihood ratio when change in the deviation is assumed.

Appendix F - Re-sampling tests

F.3 Off-line hypothesis test on experiment no. 1, sensor no. 1. The mean value feature signal changes in both the mean value and the deviation.

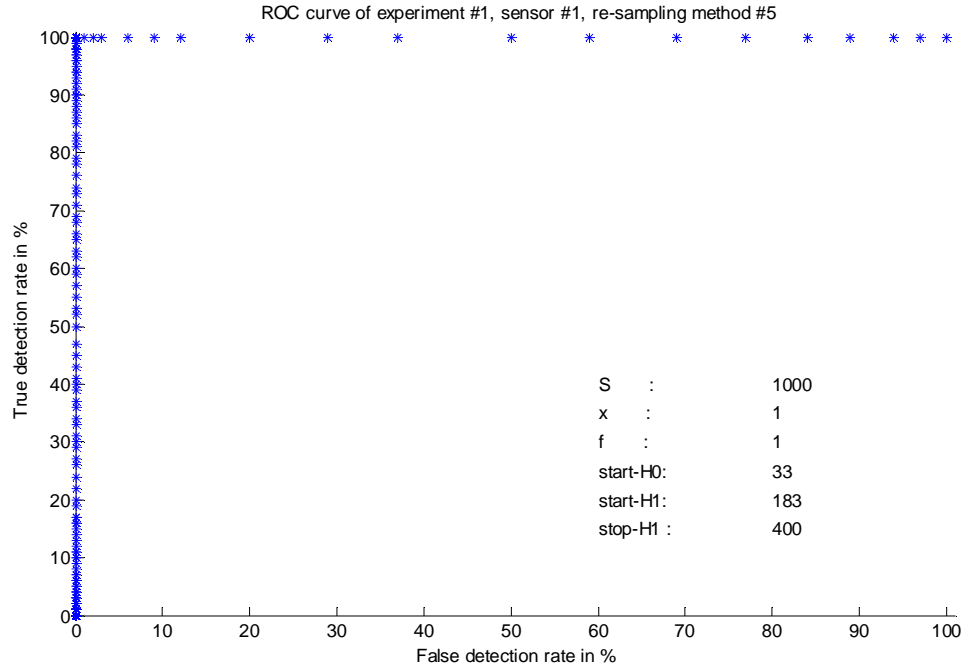


Figure F.3.1: Sweep of the critical value of the log-likelihood ratio when change in the mean value is assumed.

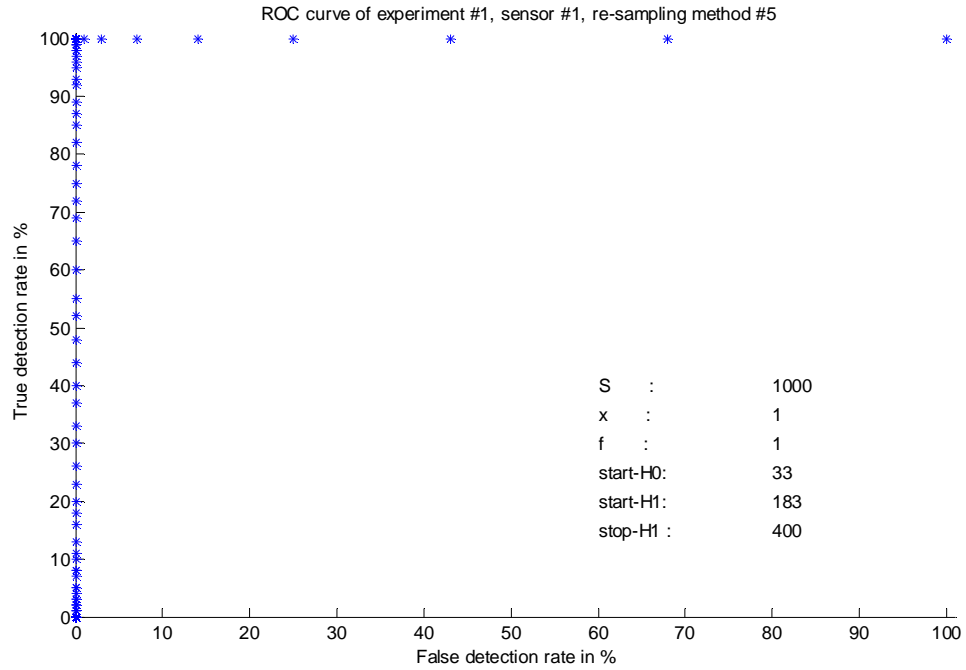
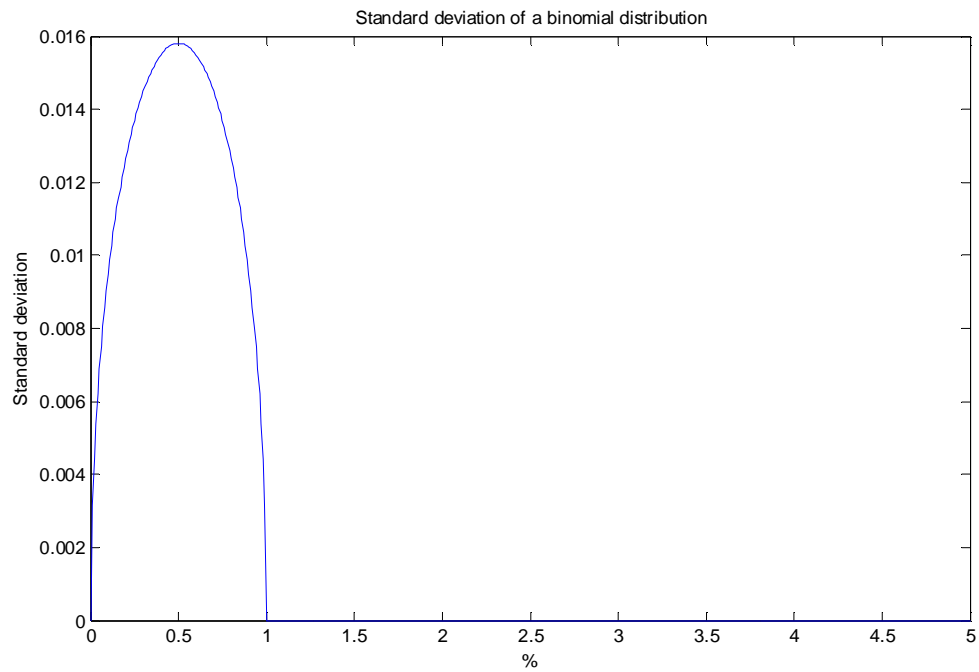


Figure F.3.2: Sweep of the critical value of the log-likelihood ratio when change in the deviation is assumed.

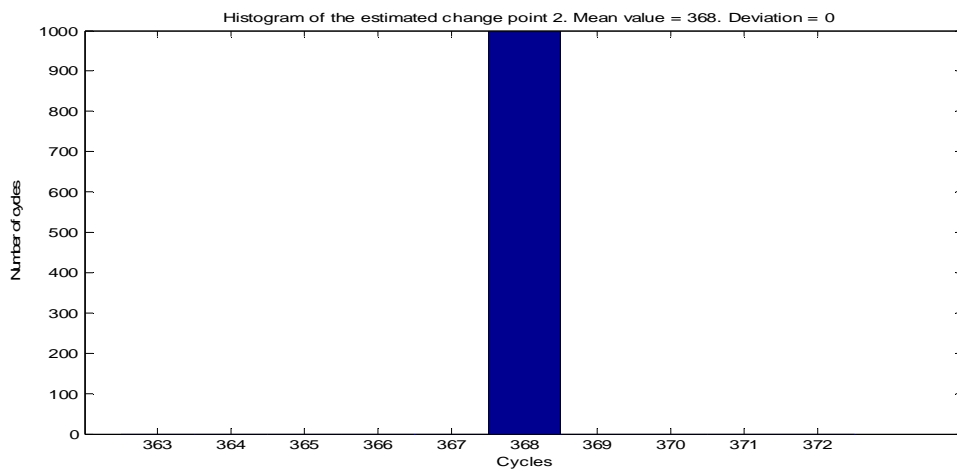
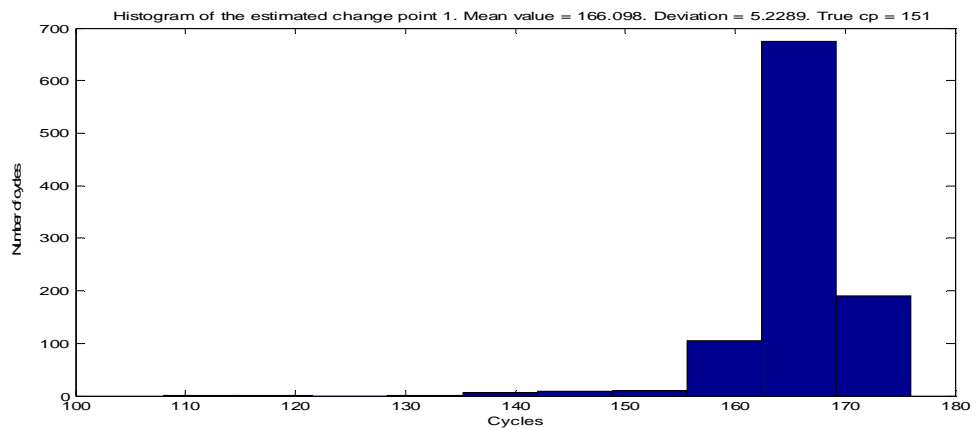
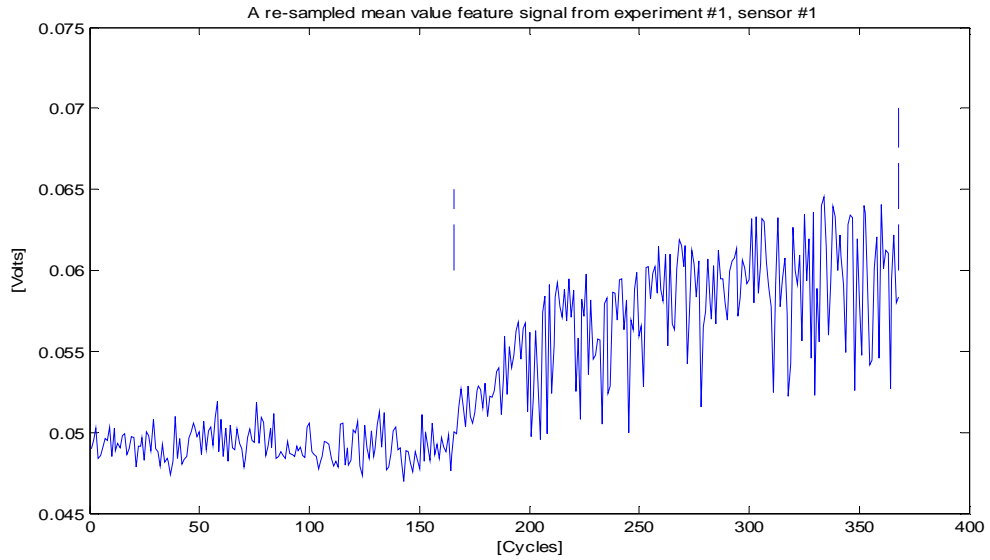
Appendix F - Re-sampling tests

F.4 The standard deviation for the off-line hypothesis test in F.2-3. Number of re-sampled signals is 1,000.



Appendix F - Re-sampling tests

F.5 Off-line change point estimation on experiment no. 1, sensor no. 1. Method no. 2 is applied on 1,000 re-sampled signals.



Appendix F - Re-sampling tests

F.6 Off-line change point estimation on experiment no. 1, sensor no. 1. Method no. no. 1 is applied on 1,000 re-sampled signals.

