

Figure 1: 40 [Hz], 169 [mPa-s], 28 [m³/h]

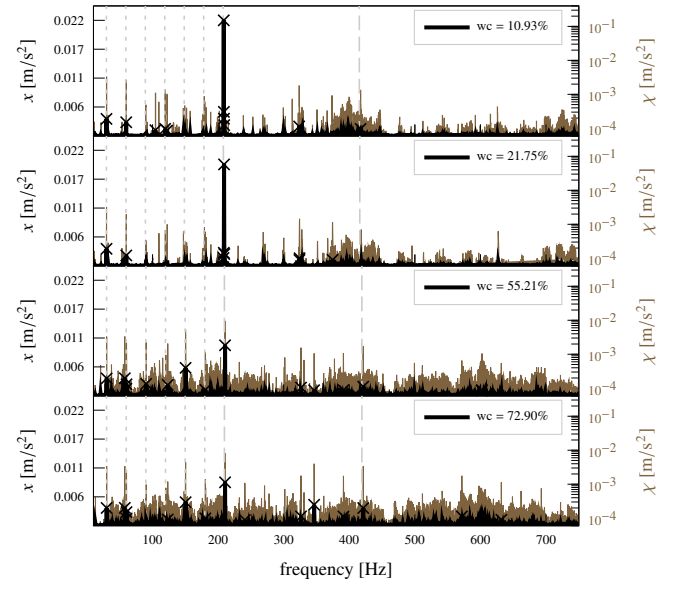
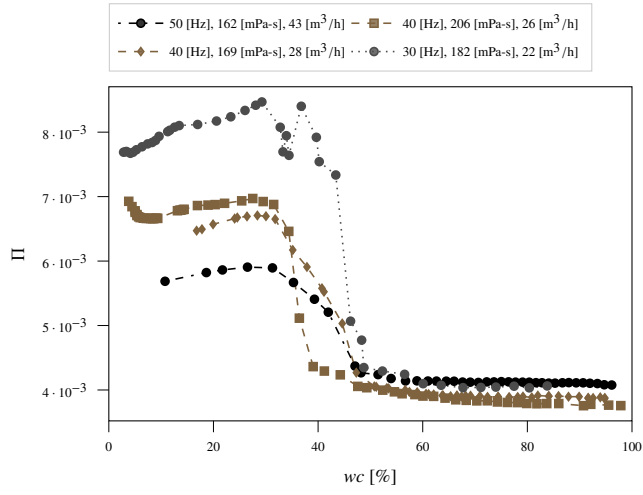
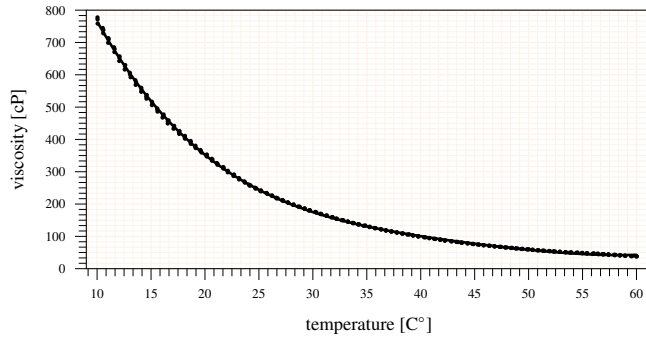


Figure 3: AC-04 0-750 Hz



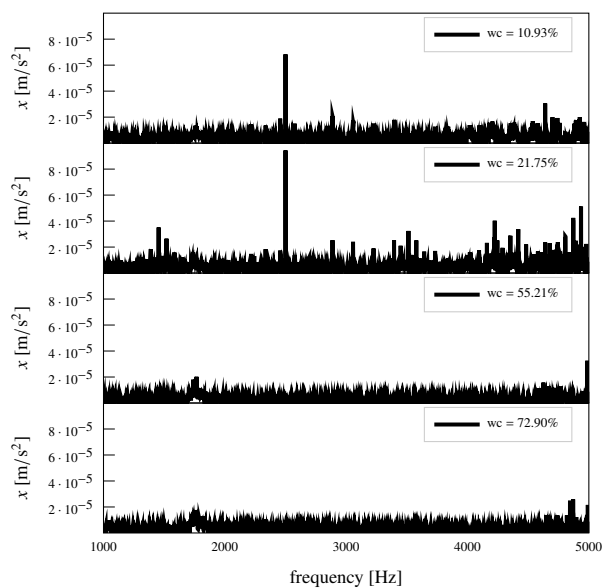
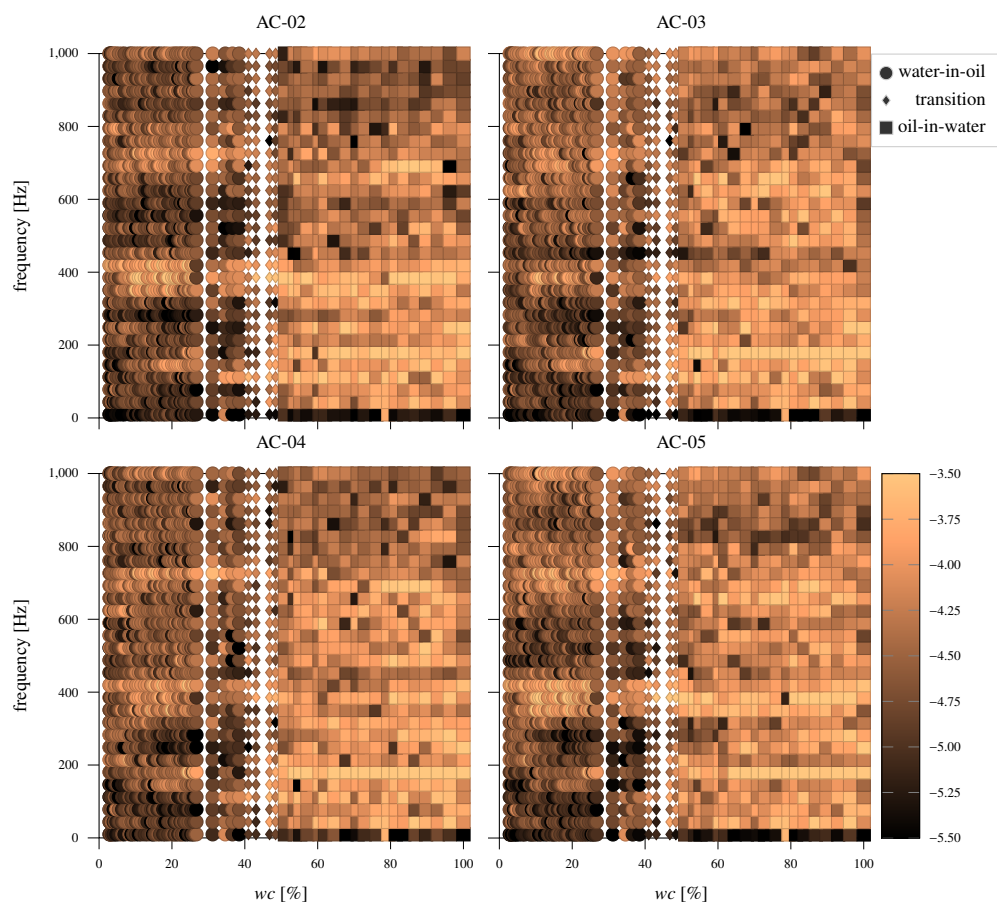


Figure 4: AC-01Z 1-5kHz

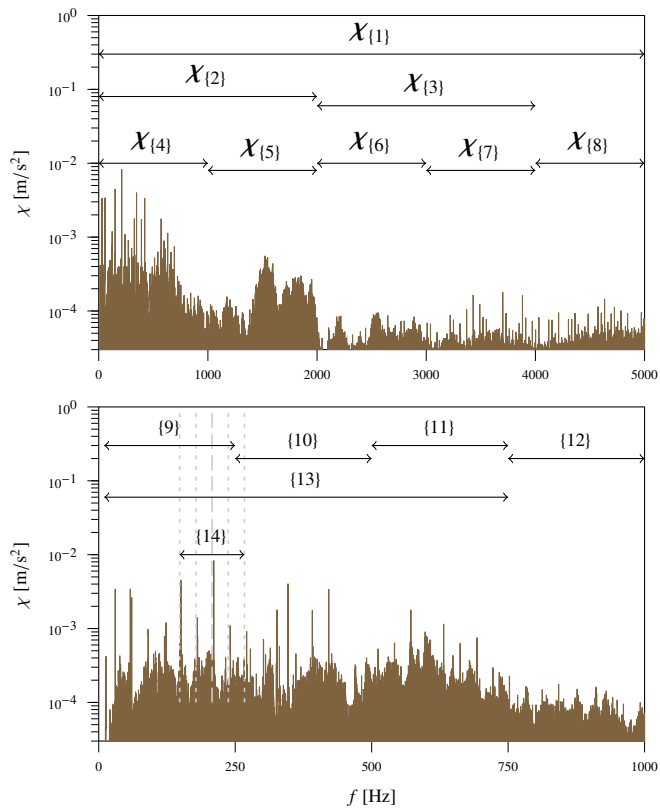


Figure 5: Analysis ranges AC-04 sensor at 72.9% water cut

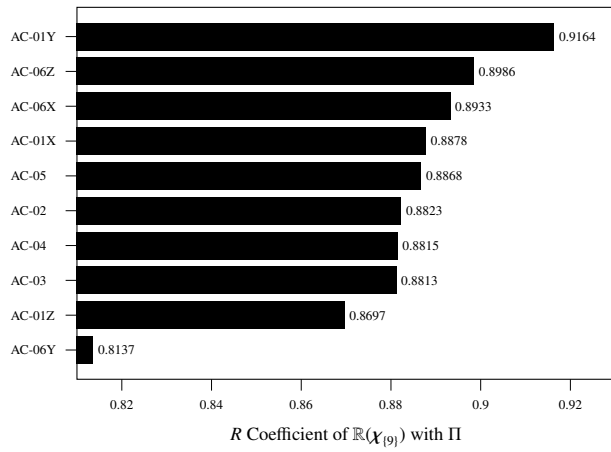


Figure 6: Pearson correlation with the dimensionless torque

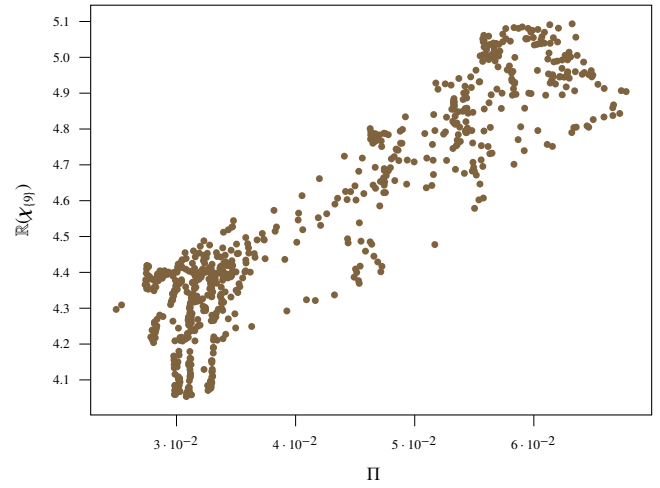


Figure 7: Dimensionless torque vs rms of fft between 0 - 250 Hz for AC-01Y sensor

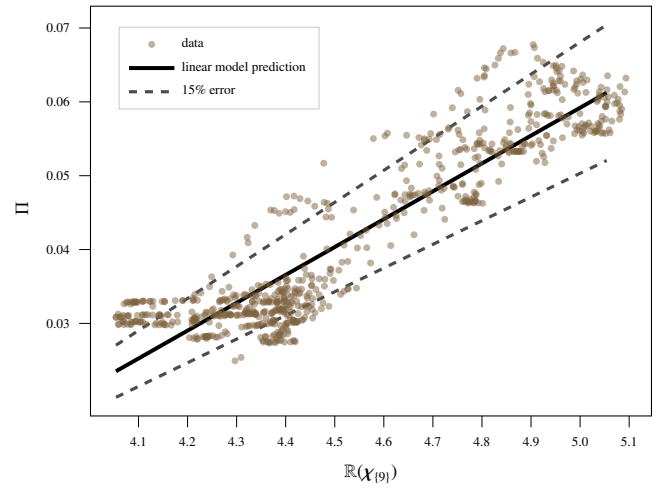


Figure 8: Dimensionless torque vs rms of fft between 0 - 250 Hz for AC-01Y sensor

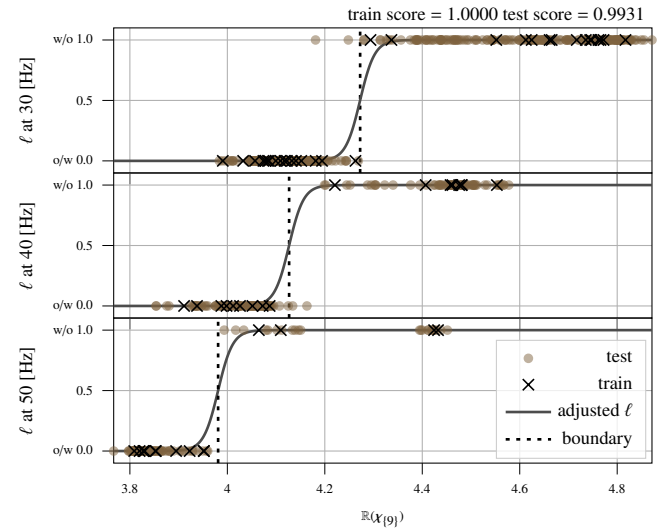
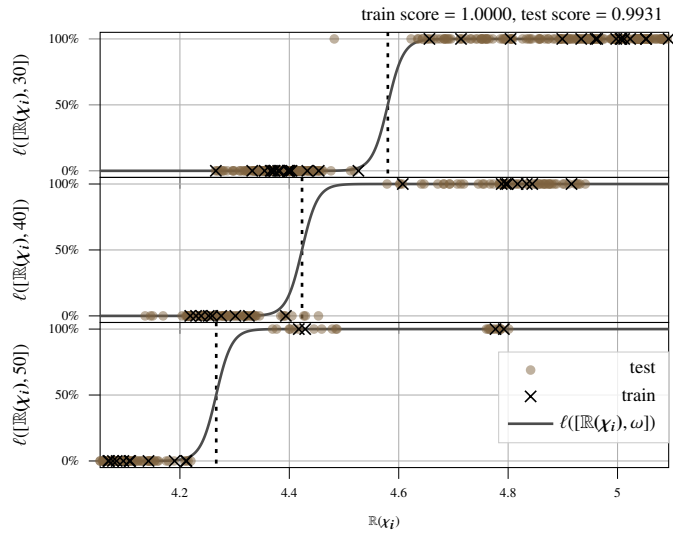
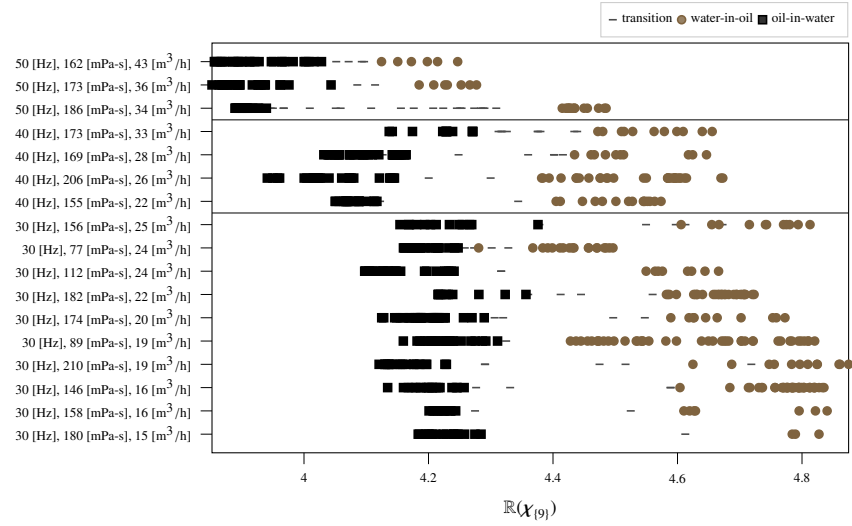
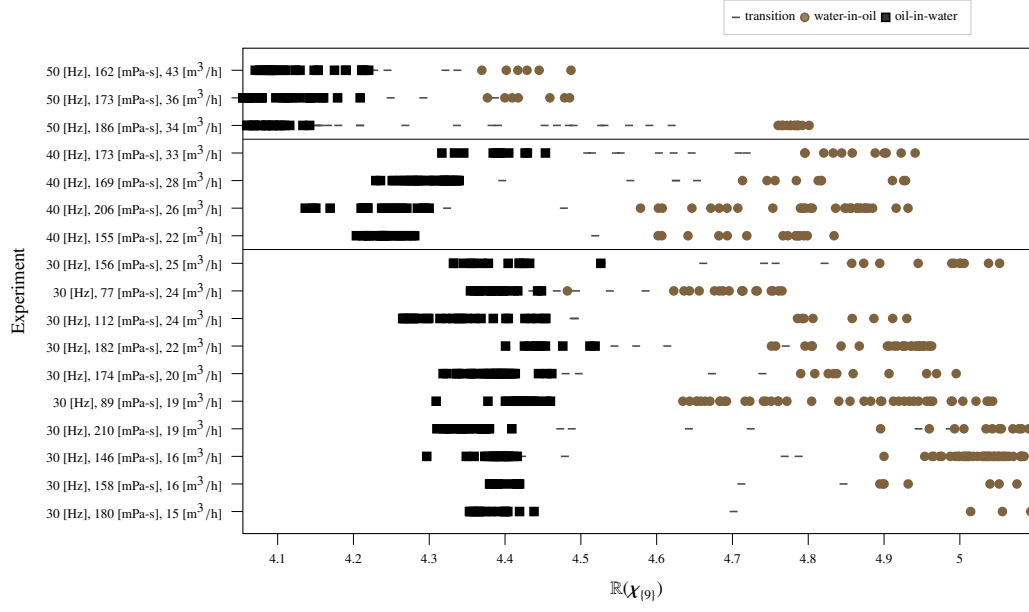


Figure 9: AC-01Y

Figure 10: AC-04

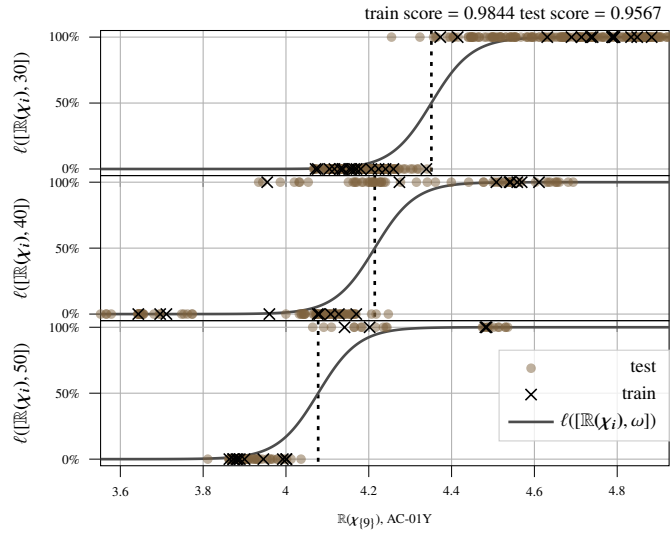


Figure 11: AC-06Y

