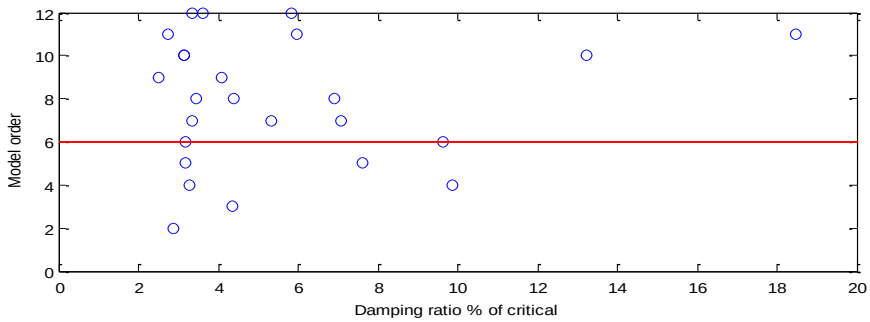
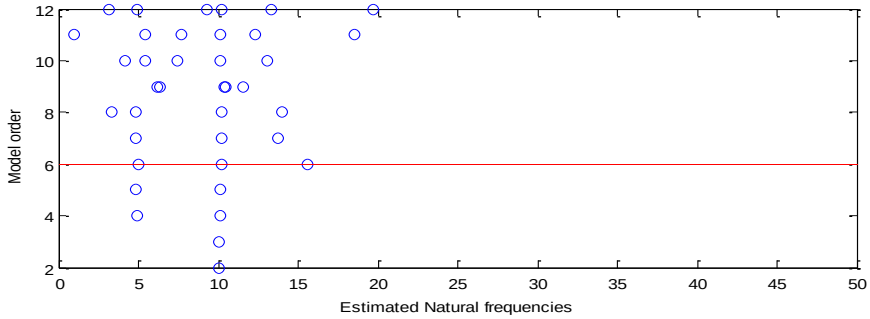
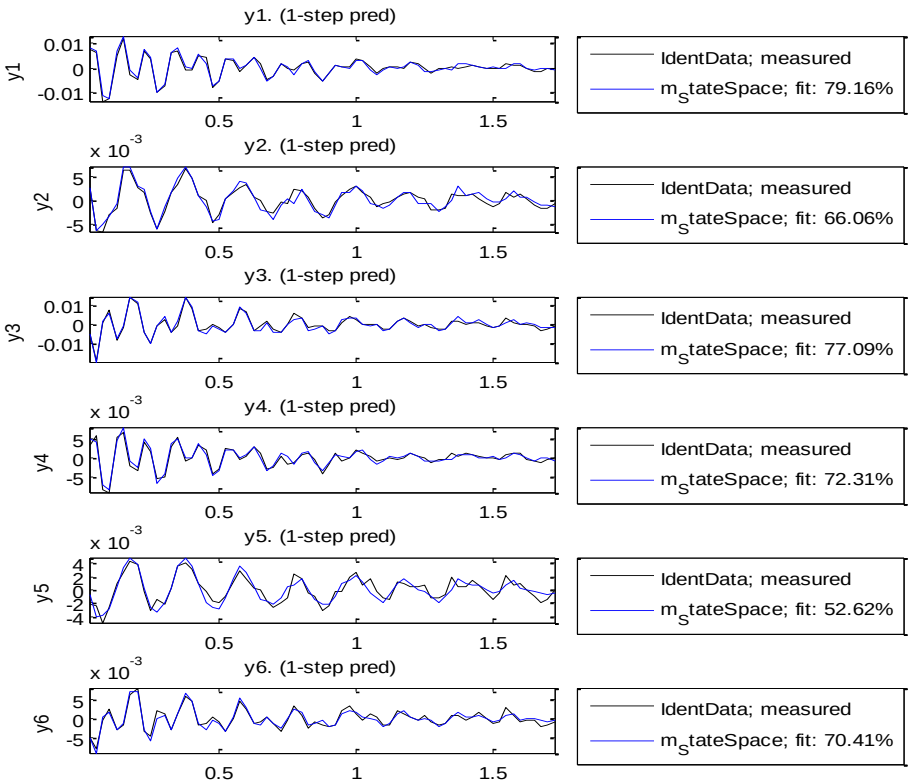
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_1_1_1 | 10.198 | 3.3514 |
| | 4.902 | 4.1349 |

**Model order-/damping -/frequency plot**



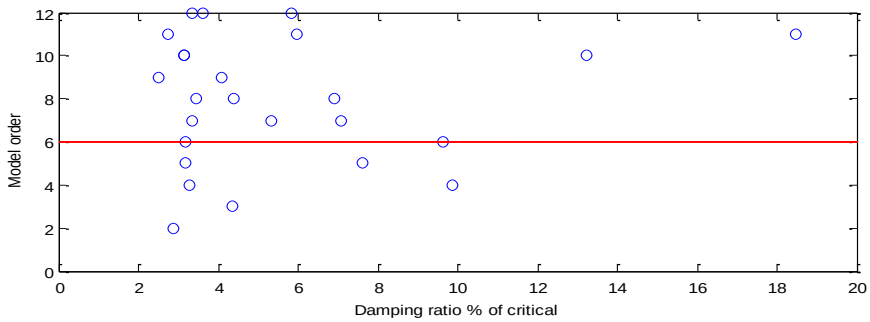

**Time series and precision of regression**

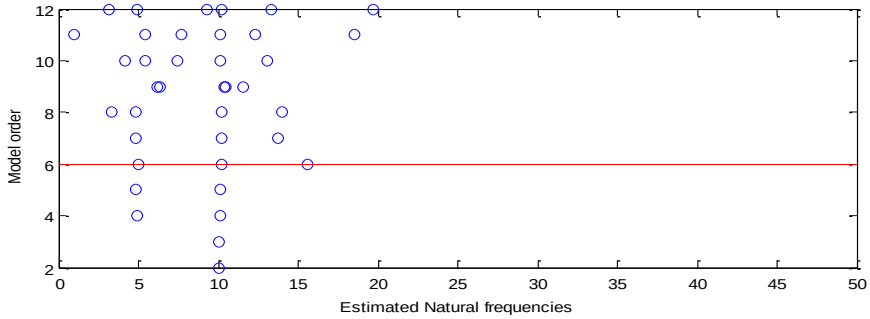



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:10 | 4 | 40 |

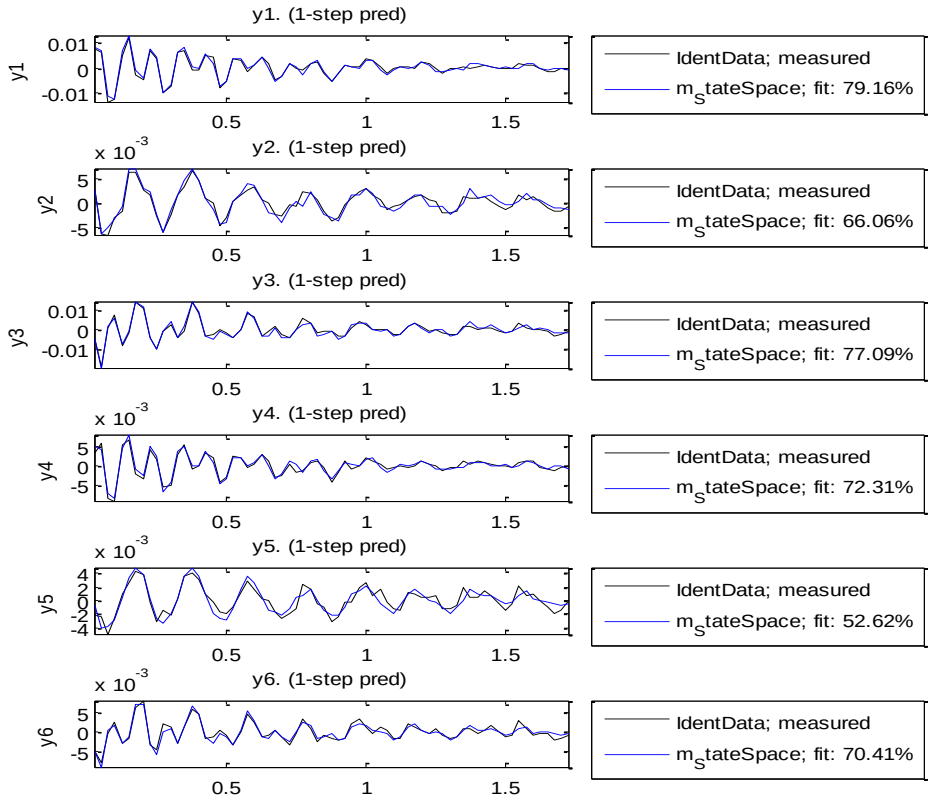
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_1_1_3 | 10.198 | 3.3514 |
| | 4.902 | 4.1349 |

**Model order-/damping -/frequency plot**



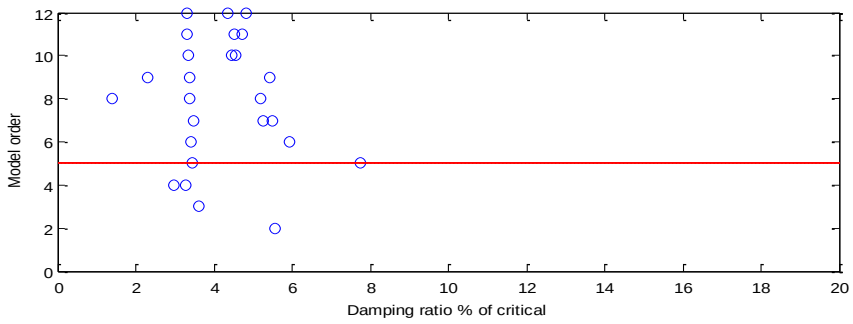

**Time series and precision of regression**

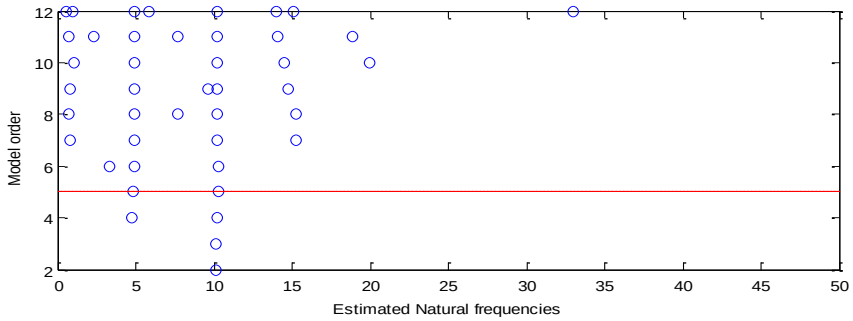



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:12 | 6 | 40 |

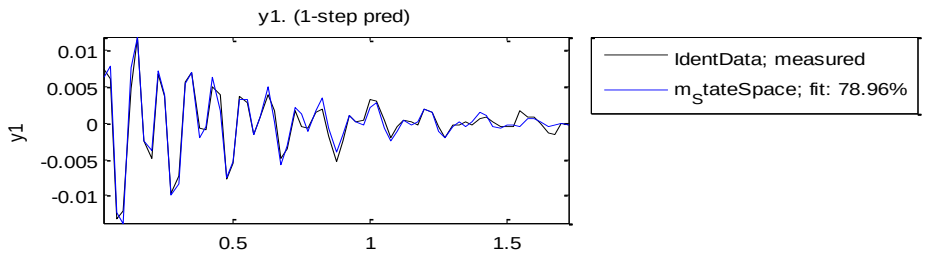
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_1_1_3 | 10.2323 | 3.1745 |
| | 4.8843 | 4.6739 |

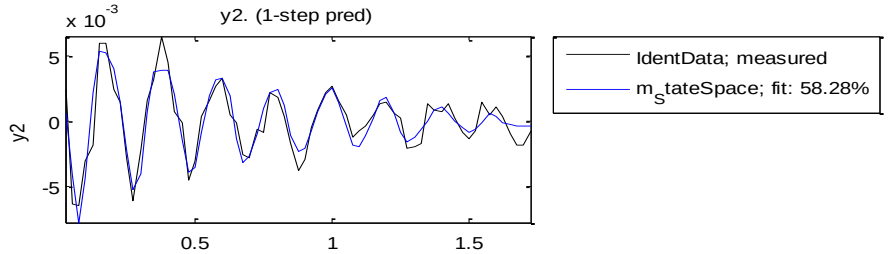
**Model order-/damping -/frequency plot**

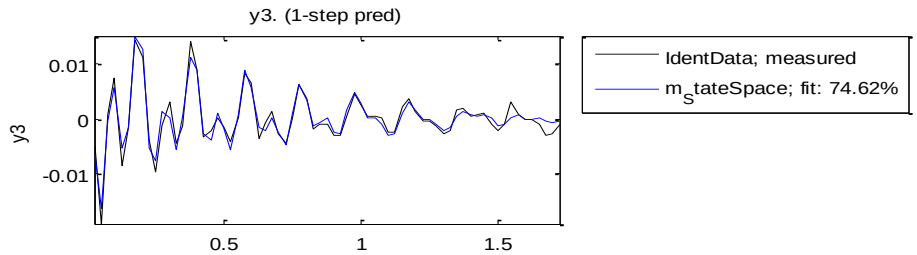



**Time series and precision of regression**



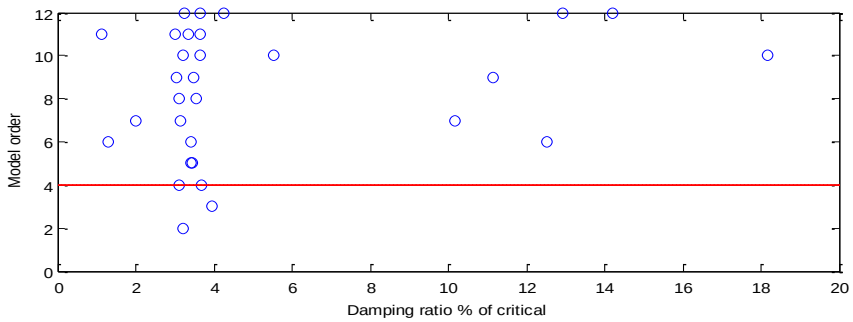



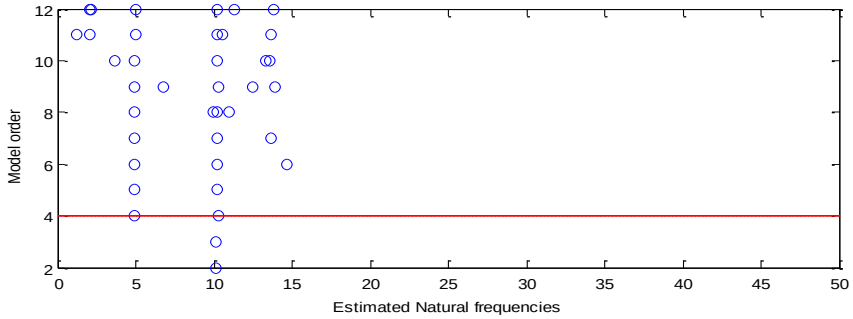




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:12 | 5 | 40 |

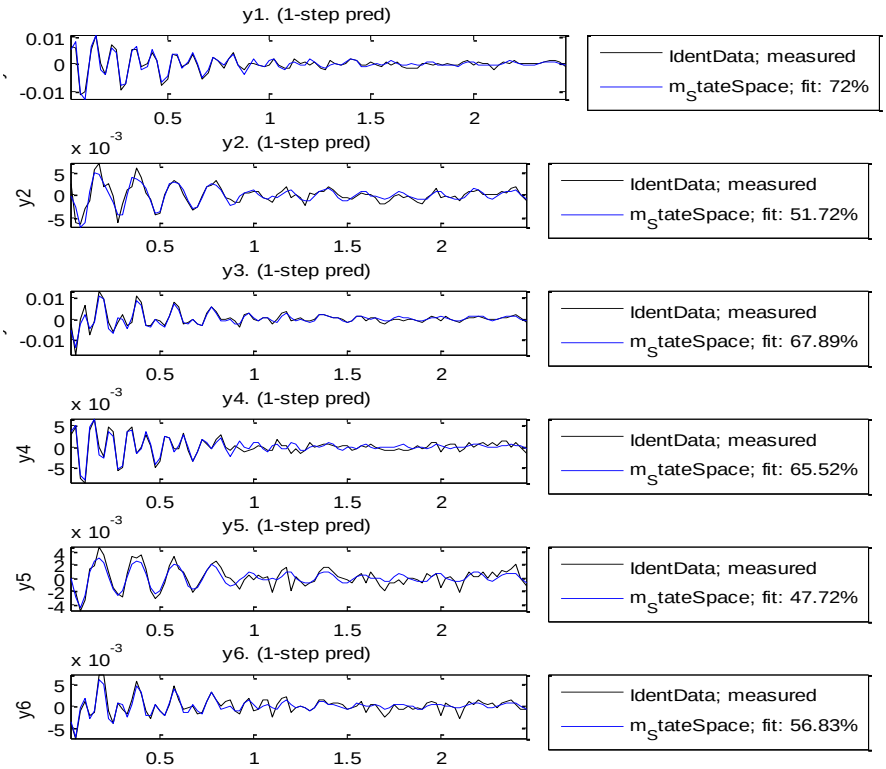
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_1_2_2 | 10.2224 | 3.1327 |
| | 5.0368 | 4.818 |

**Model order-/damping -/frequency plot**



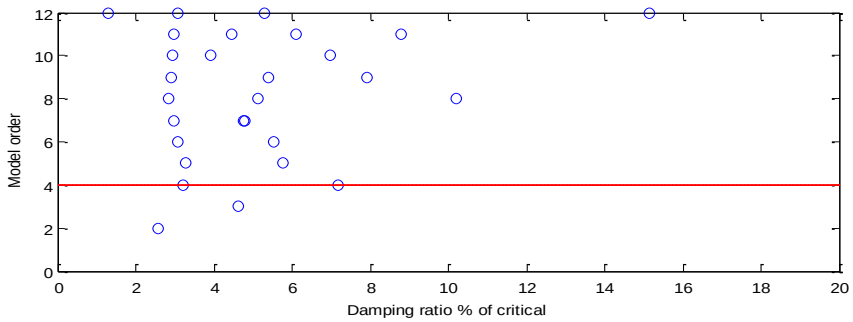

**Time series and precision of regression**

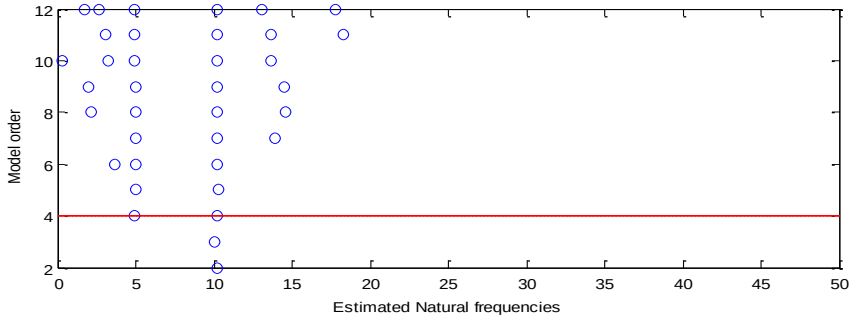



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:12 | 4 | 40 |

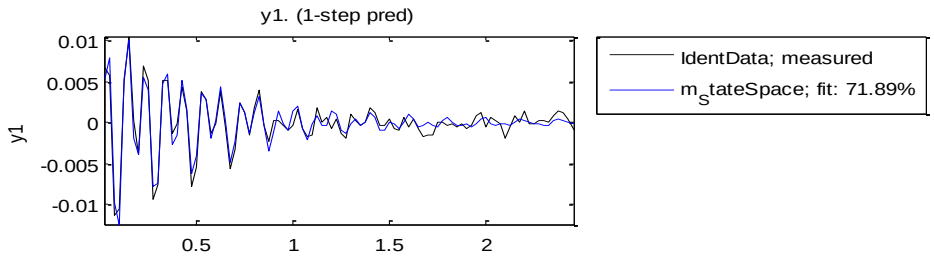
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_1_2_2 | 10.2382 | 2.9108 |
| | 4.9324 | 5.7964 |

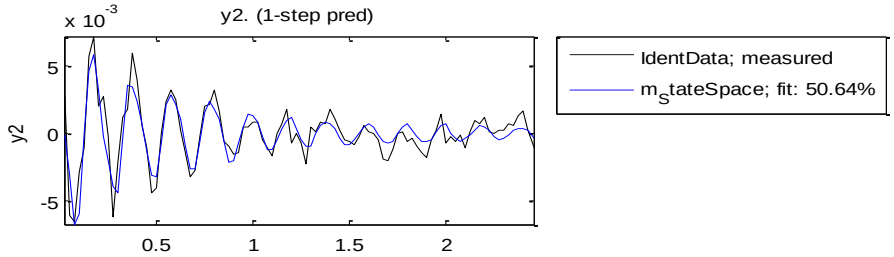
**Model order-/damping -/frequency plot**

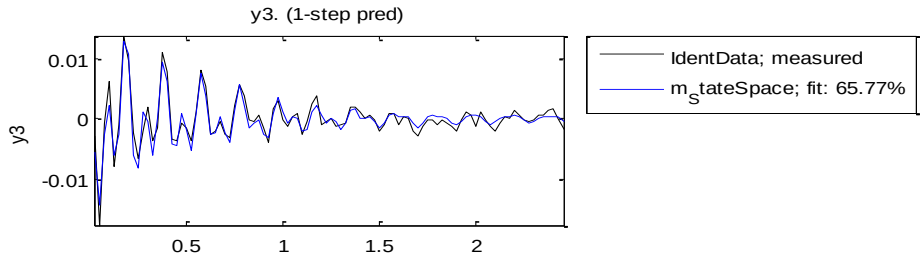



**Time series and precision of regression**



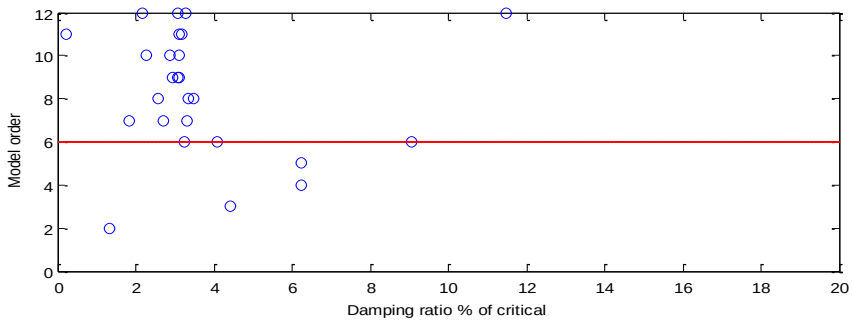



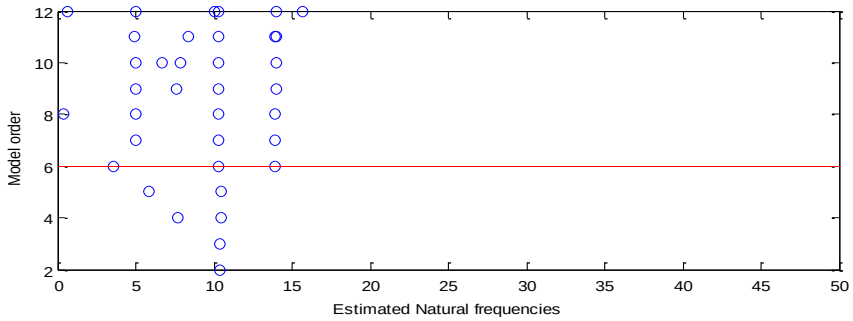




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:12 | 4 | 40 |

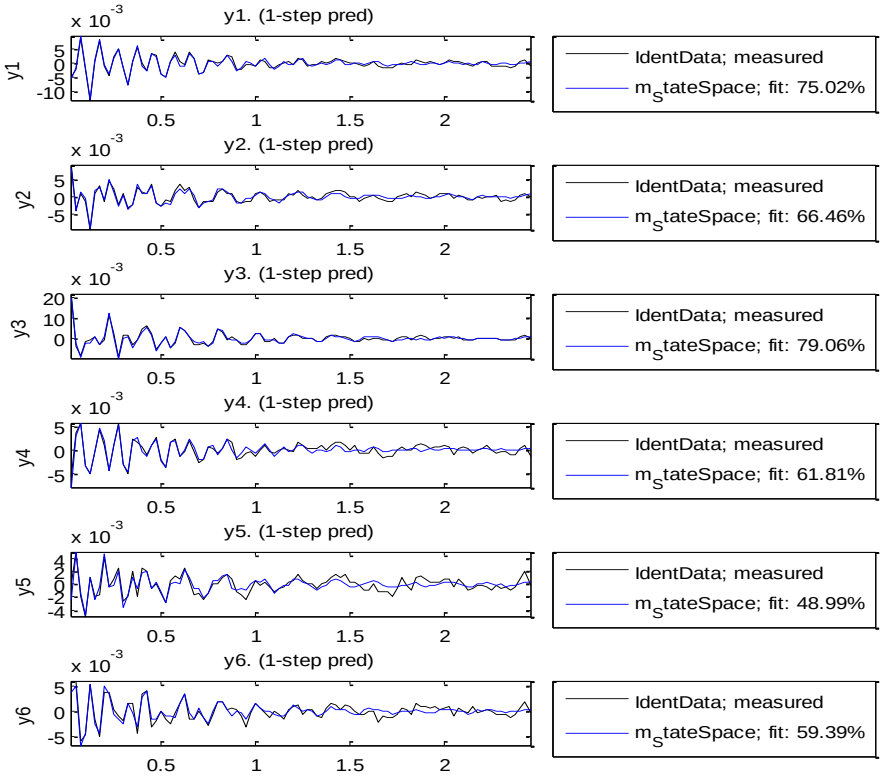
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_2_1_2 | 10.2595 | 3.2495 |
| | 4.8697 | 4.6288 |

**Model order-/damping -/frequency plot**



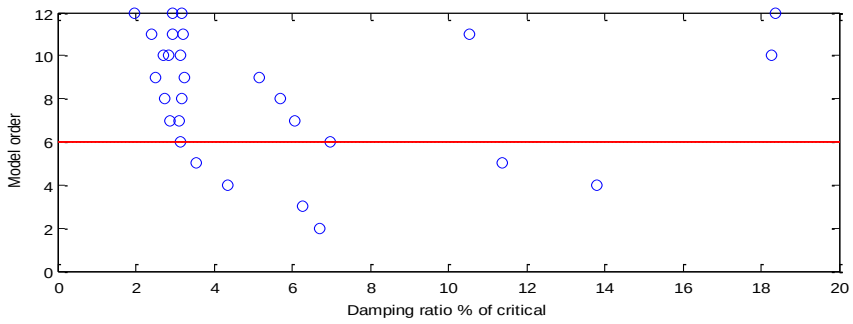

**Time series and precision of regression**

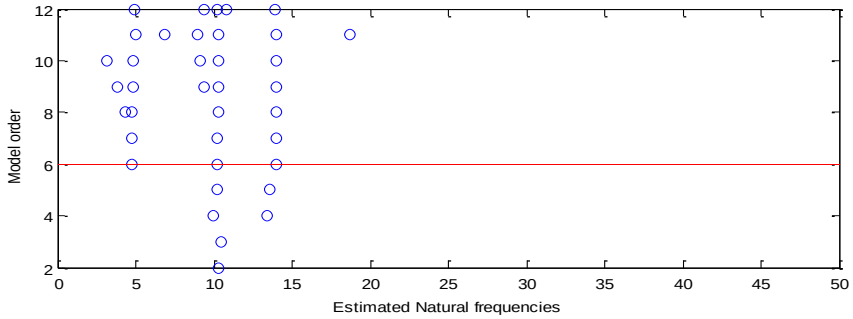



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:12 | 4 | 40 |

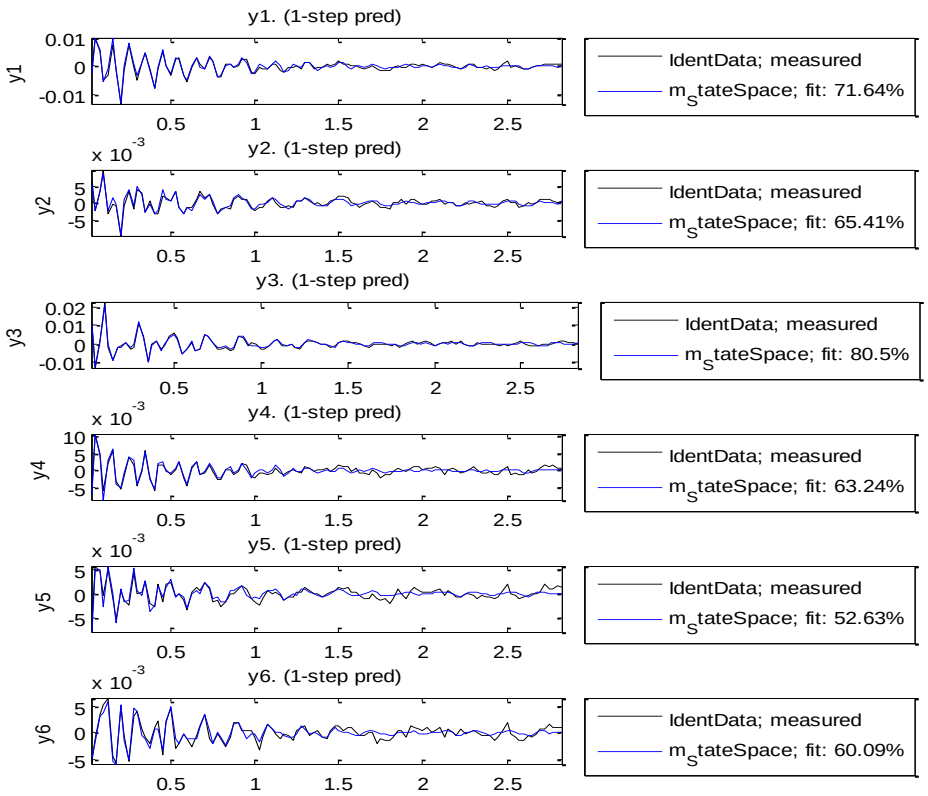
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_2_1_2 | 10.2415 | 3.283 |
| | 4.9256 | 3.3457 |

**Model order-/damping -/frequency plot**



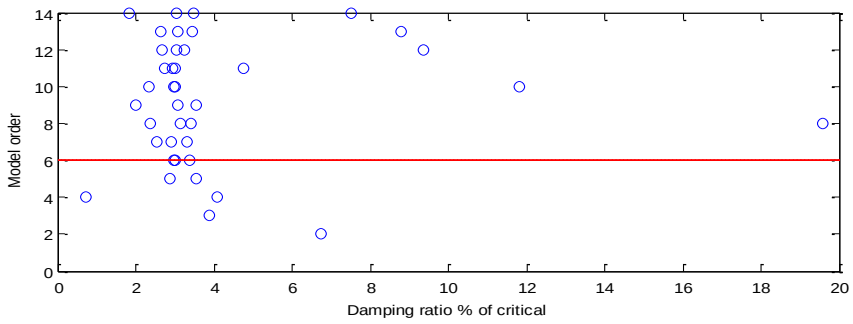

**Time series and precision of regression**

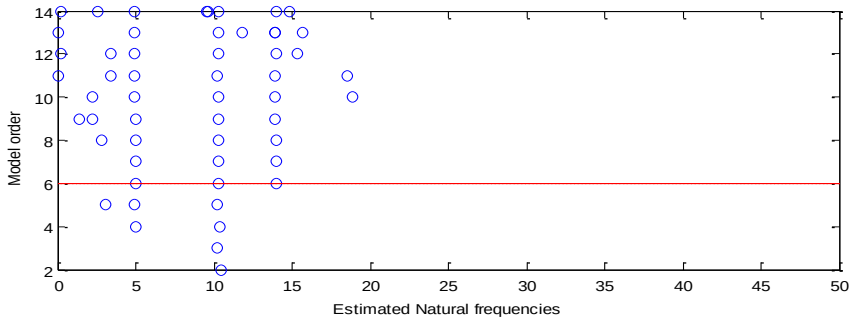



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:12 | 6 | 40 |

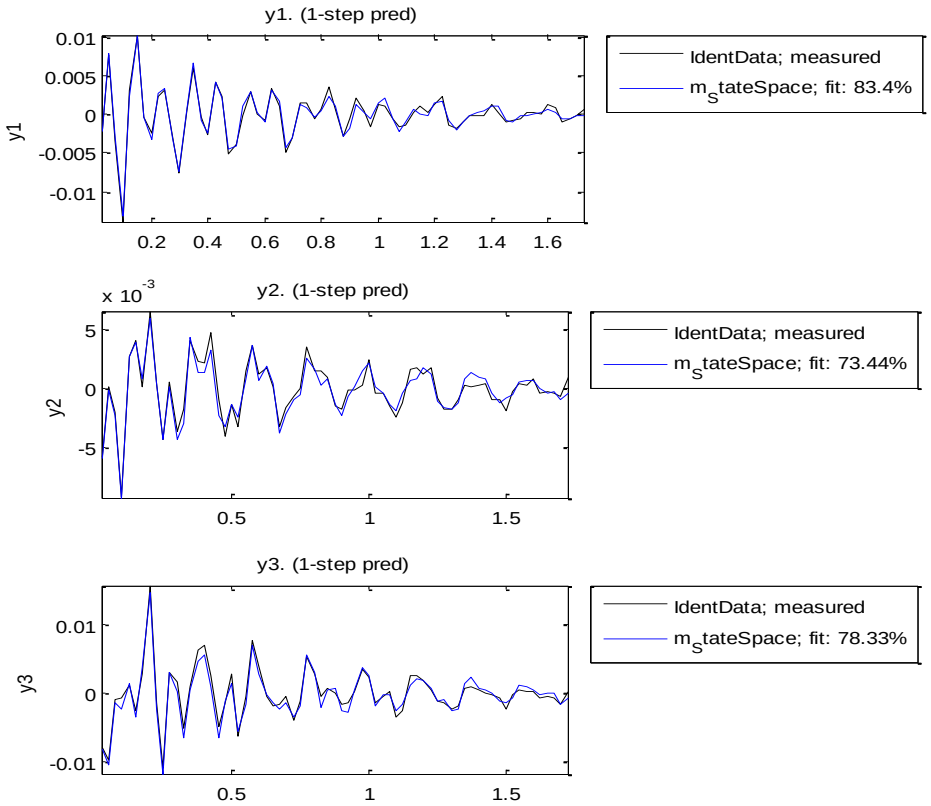
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_2_2_1 | 10.2454 | 3.0754 |
| | 4.9283 | 3.8451 |

**Model order-/damping -/frequency plot**



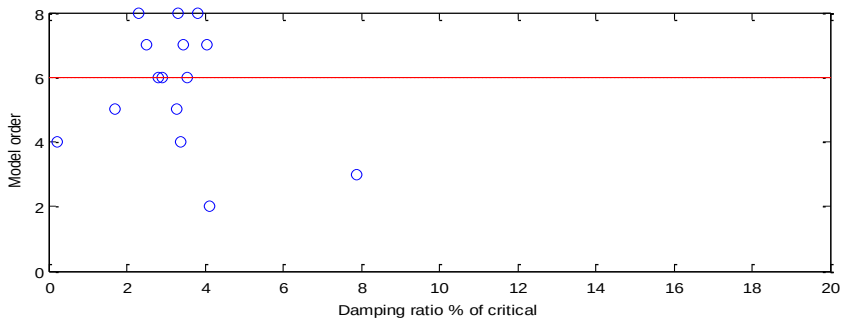

**Time series and precision of regression**

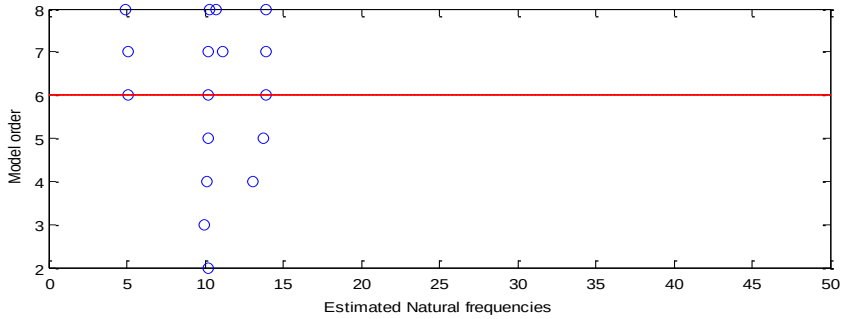



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X | 2 | X | 3 | X | 4 | | 5 | | 6 | | 2:14 | 6 | 40 |

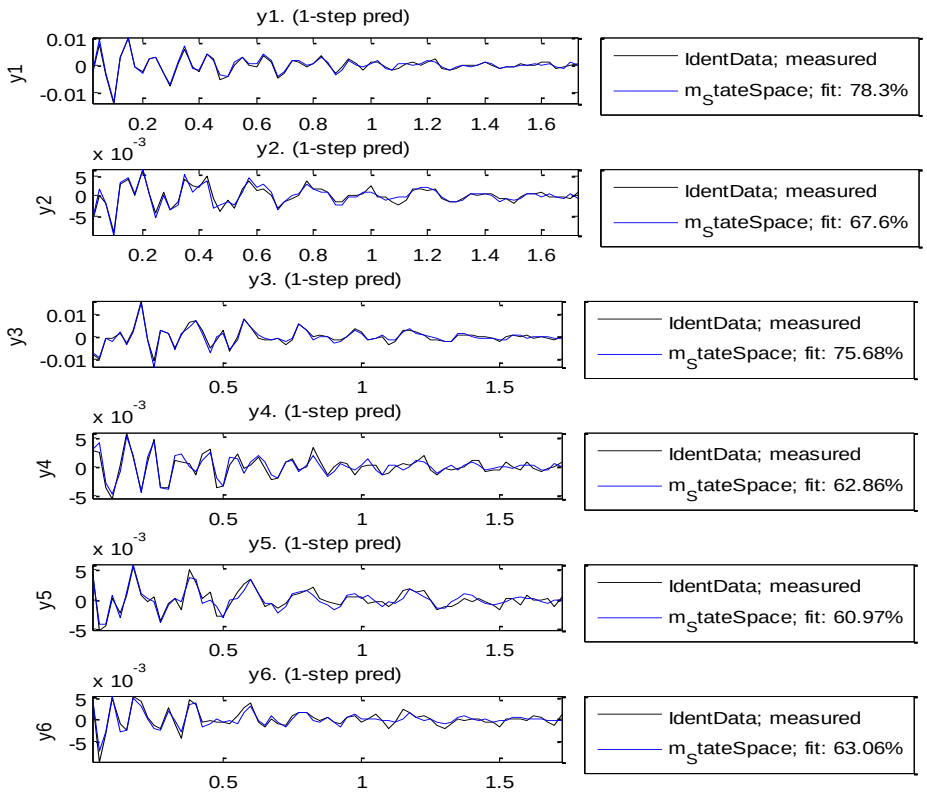
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_2_2_1 | 10.2522 | 3.2726 |
| | 4.9861 | 3.1049 |

**Model order-/damping -/frequency plot**



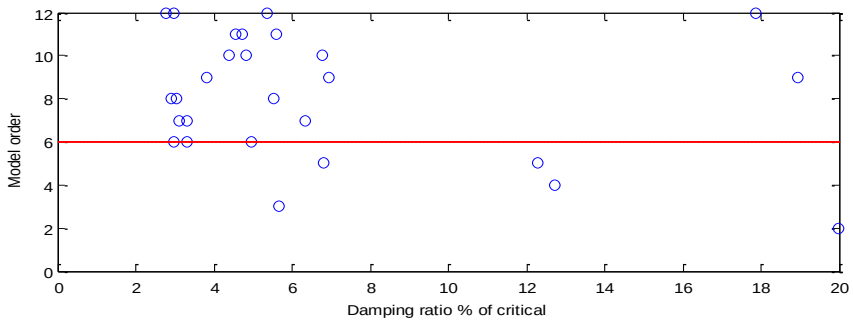

**Time series and precision of regression**

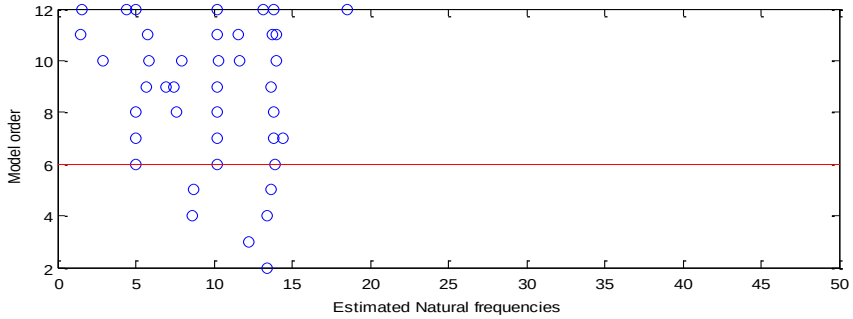



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:8 | 6 | 40 |

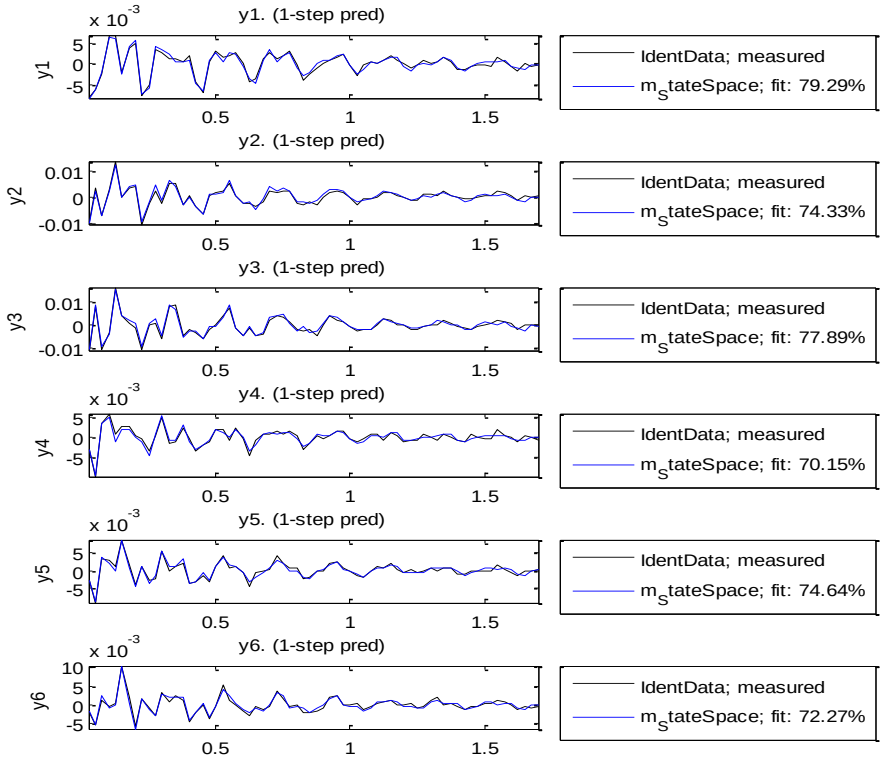
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_3_1_2 | 10.2421 | 3.0837 |
| | 4.9941 | 6.9902 |

**Model order-/damping -/frequency plot**



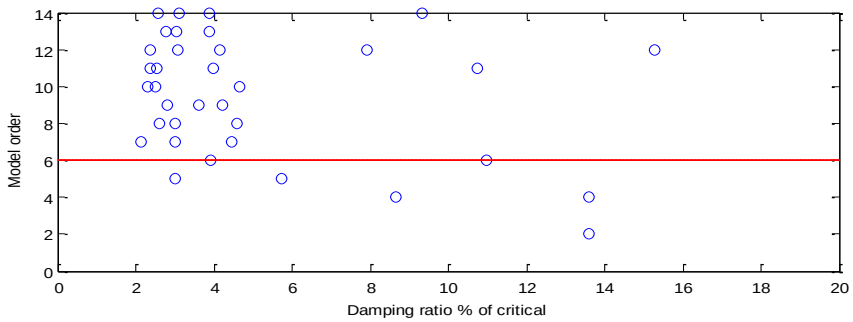

**Time series and precision of regression**

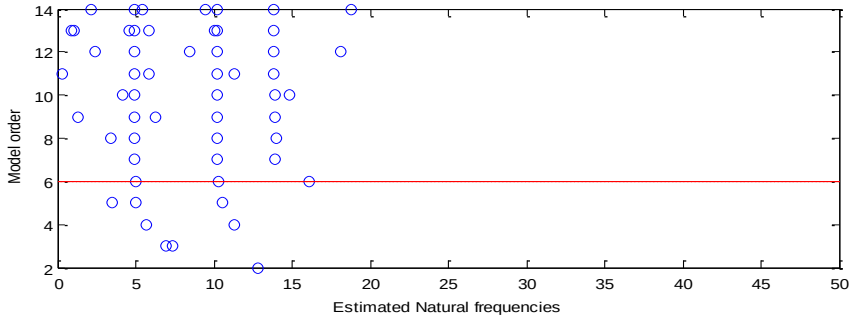



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:12 | 6 | 40 |

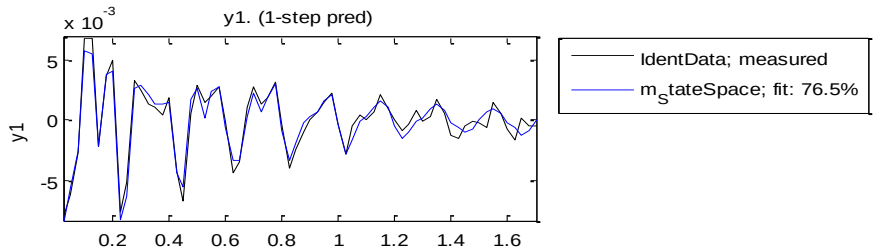
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_3_1_2 | 10.2175 | 3.1769 |
| | 4.9621 | 2.8604 |

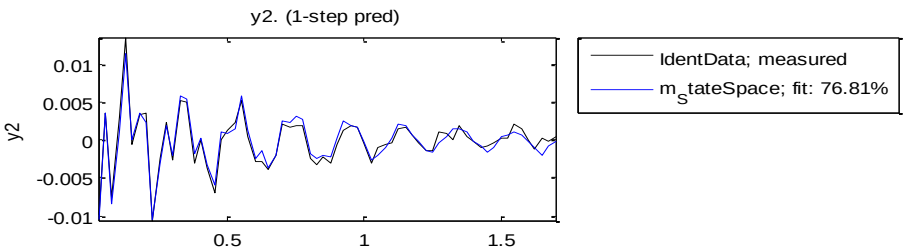
**Model order-/damping -/frequency plot**

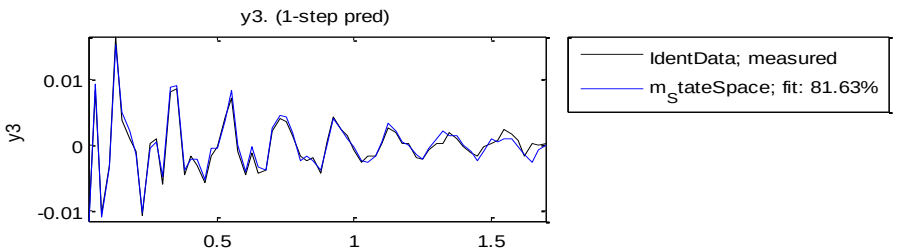



**Time series and precision of regression**



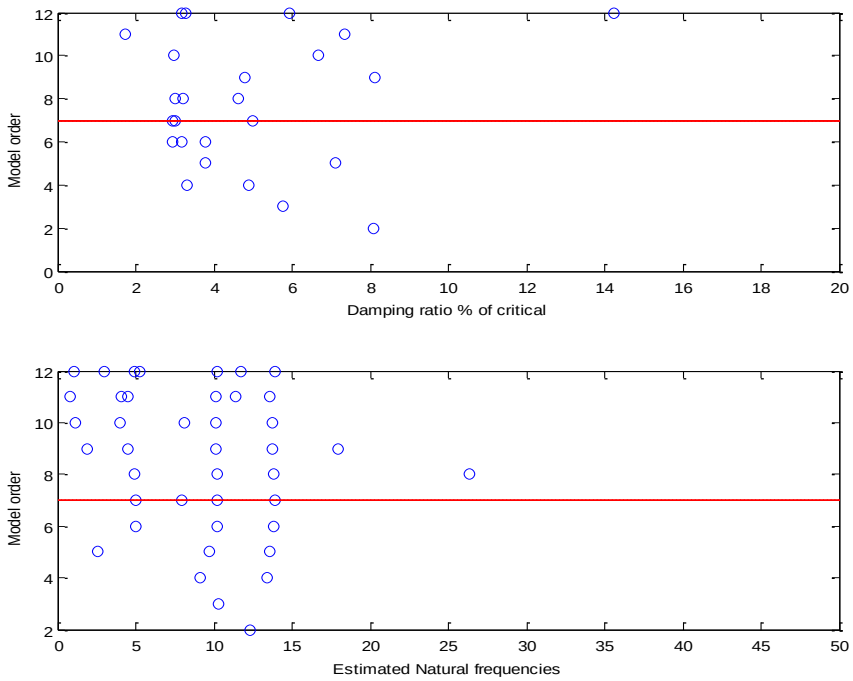



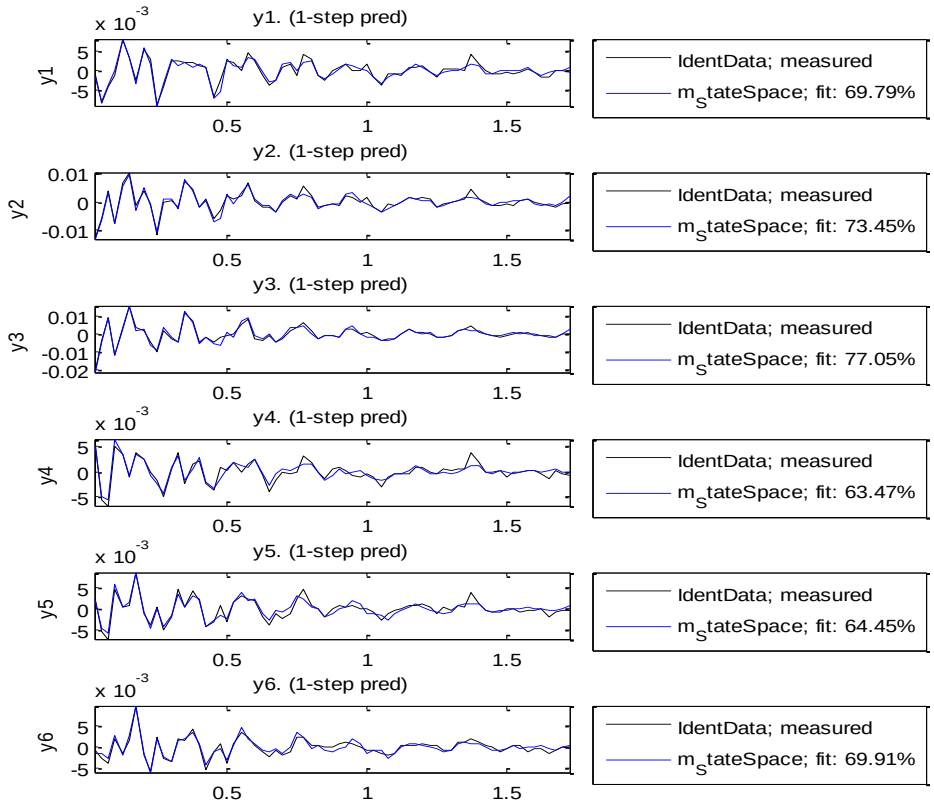

| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:14 | 6 | 40 |

| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_3_2_3 | 10.1921 (13.8866) | 3.1739 (3.2081) |
| | 4.8917 | 4.5071 |

**Model order-/damping -/frequency plot**



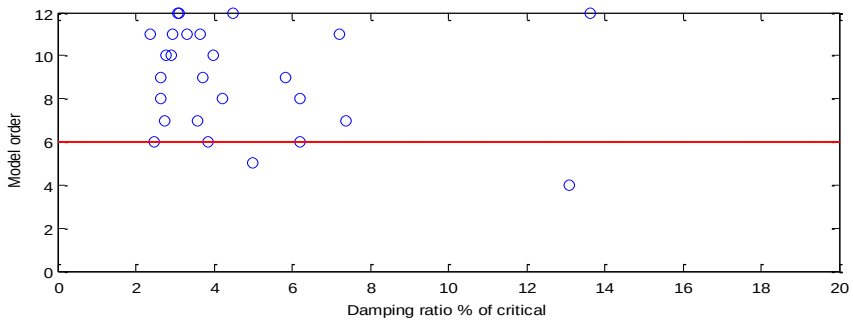

**Time series and precision of regression**

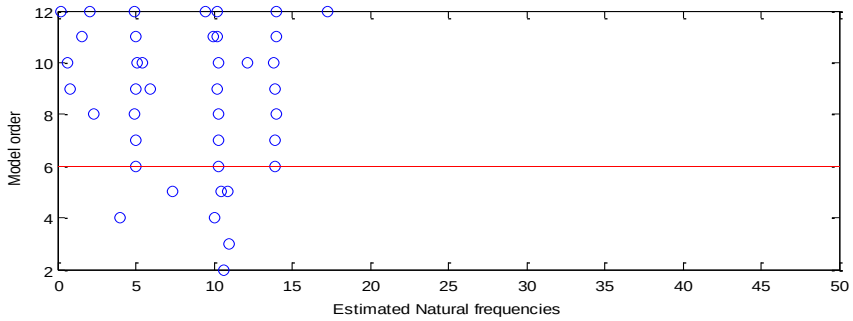



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | X | **5** | X | **6** | X | 2:12 | 7 | 40 |

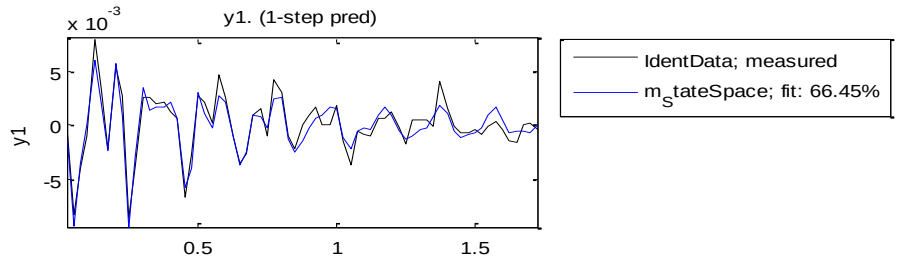
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_3_2_3 | 10.2198 (13.9997) | 3.1506 (3.3564) |
| | 5.0368 | 3.7844 |

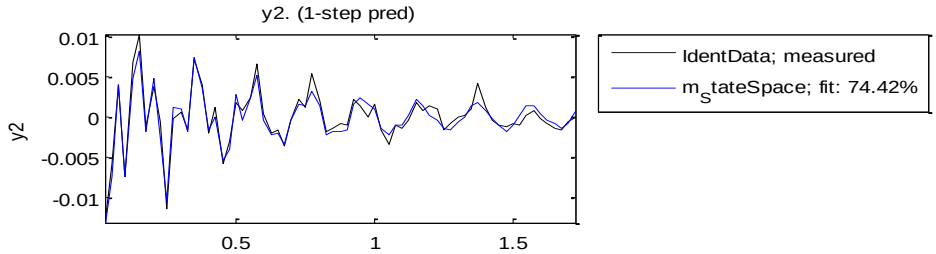
**Model order-/damping -/frequency plot**

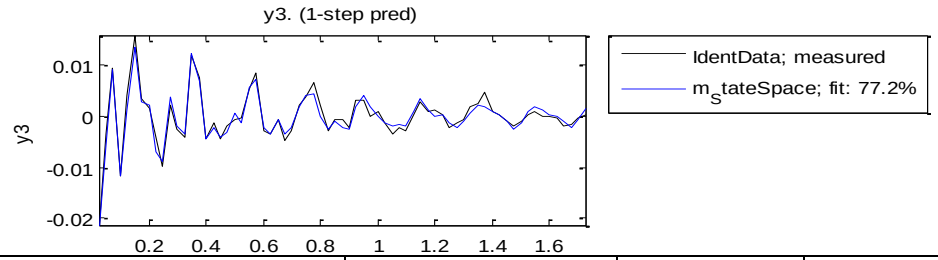



**Time series and precision of regression**



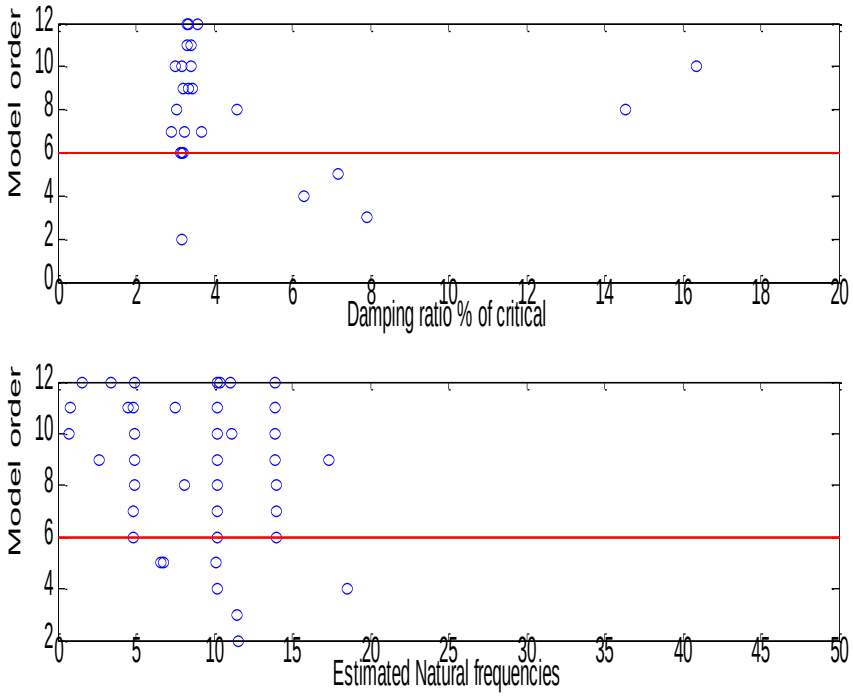



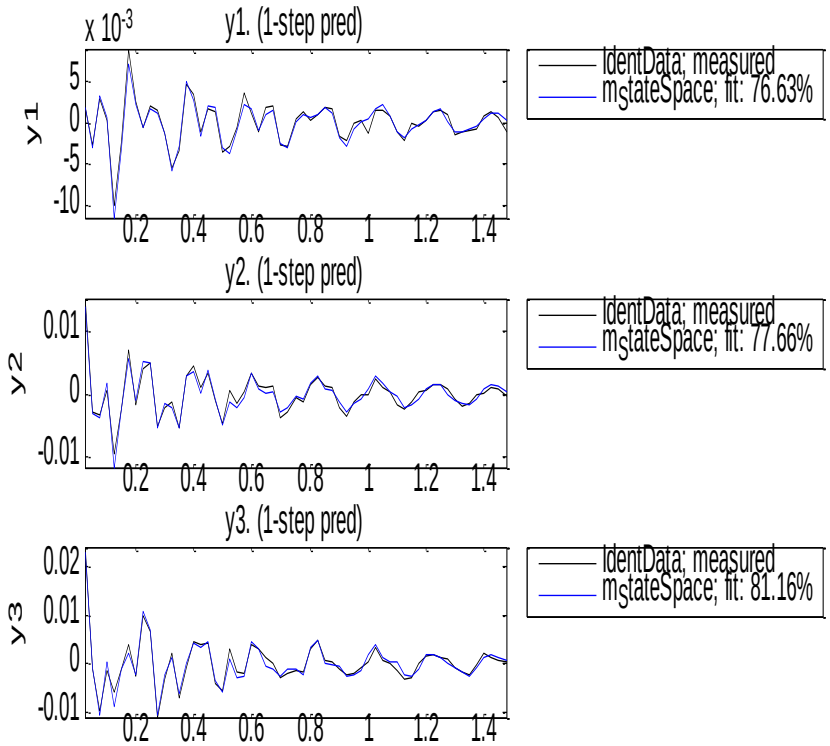

| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:12 | 6 | 40 |

| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_4_1_1 | 10.2099 (13.9269) | 3.219 (3.3584) |
| | 4.9048 | 3.2433 |

**Model order-/damping -/frequency plot**



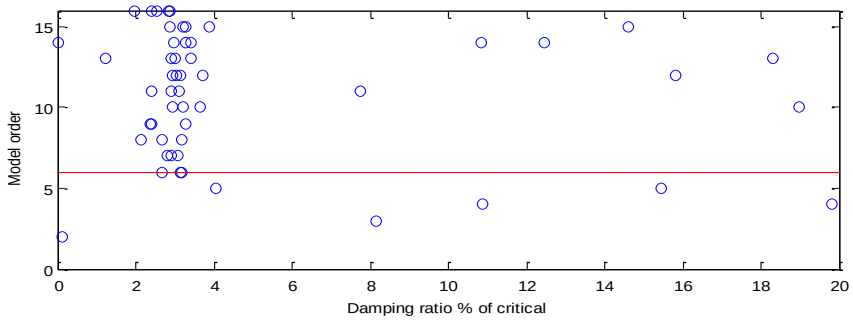

**Time series and precision of regression**

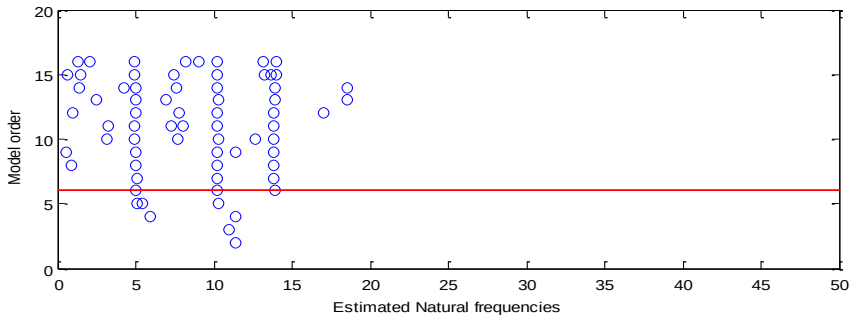



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X | 2 | X | 3 | X | 4 | | 5 | | 6 | | 2:12 | 6 | 40 |

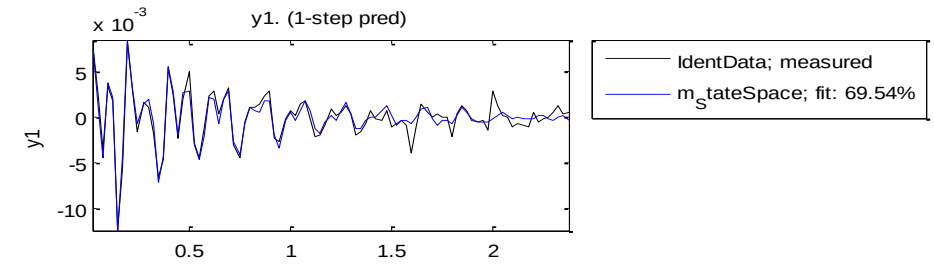
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_4_1_2 | 10.2068 (13.9394) | 3.1592 (3.1863) |
| | 4.9013 | 3.5198 |

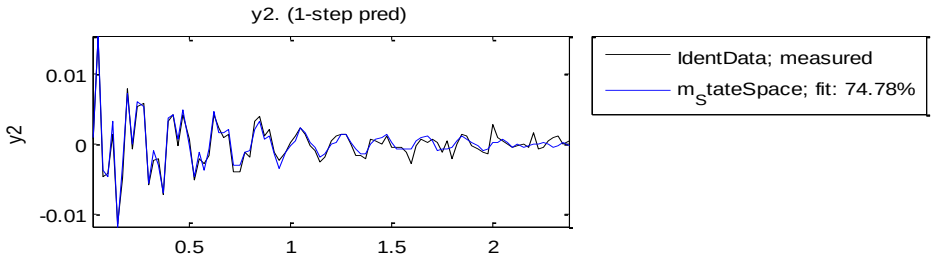
**Model order-/damping -/frequency plot**

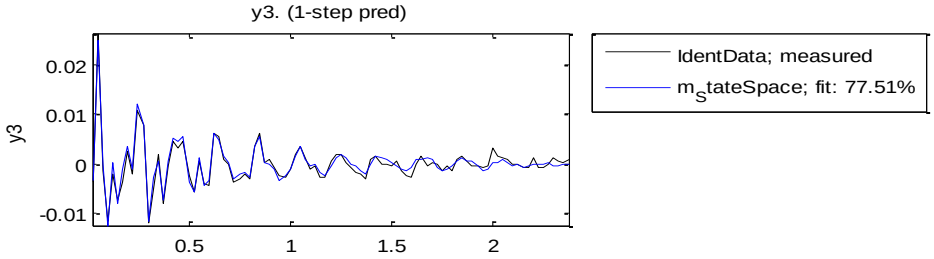



**Time series and precision of regression**



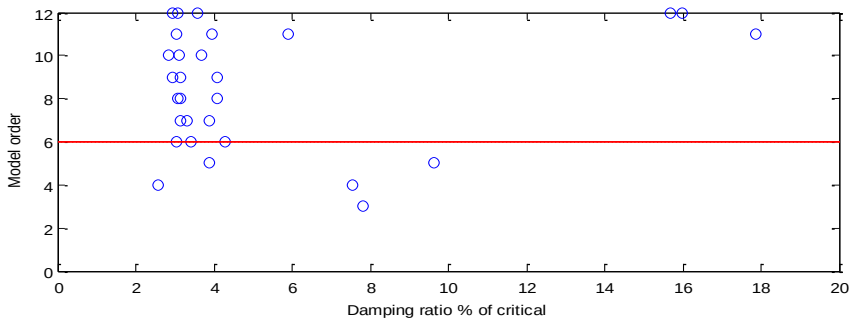



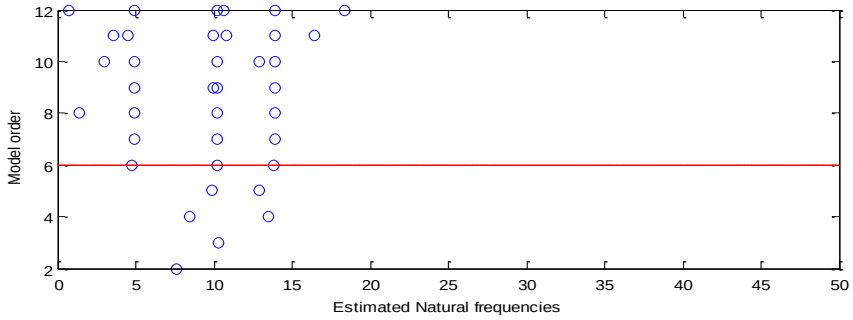




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:16 | 6 | 40 |

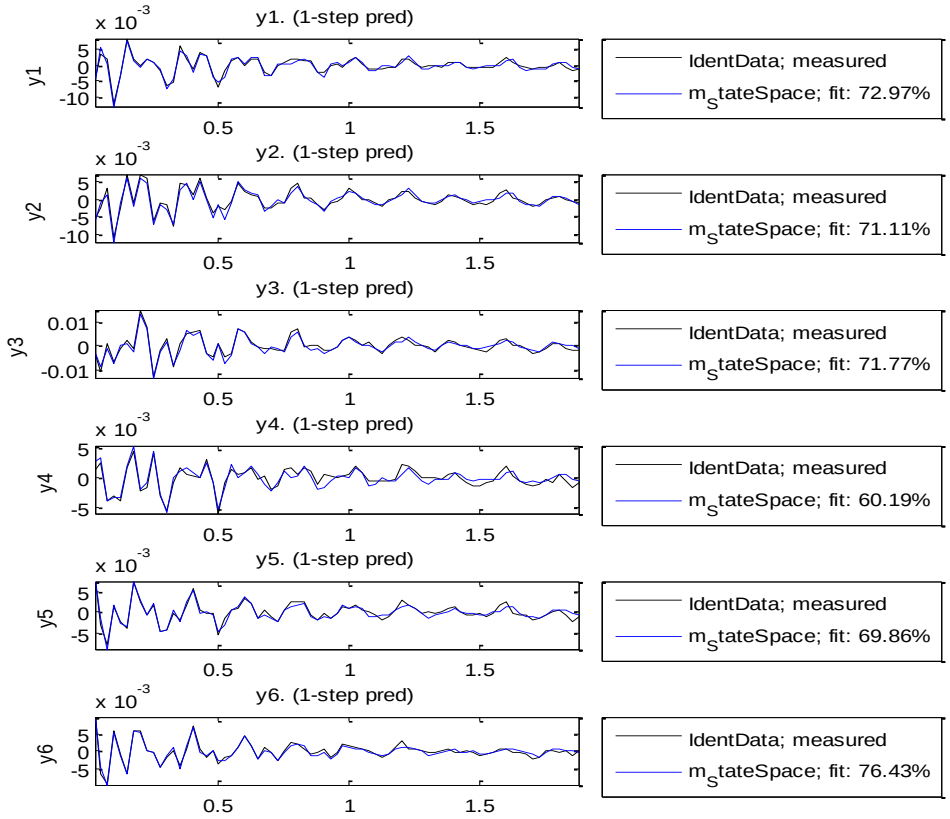
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_4_2_2 | 10.2112 (13.8749) | 3.0935 (2.8604) |
| | 4.9257 | 4.3199 |

**Model order-/damping -/frequency plot**



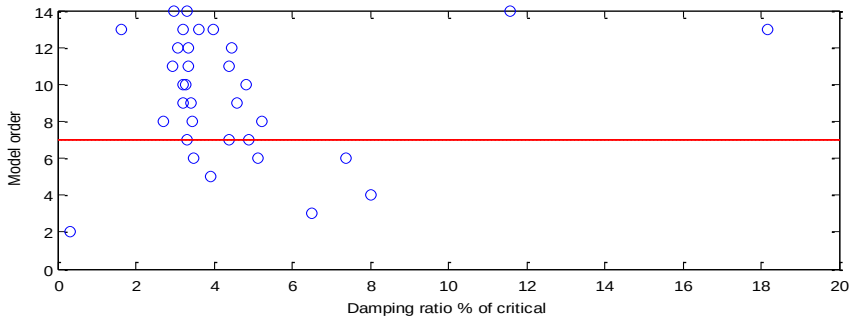

**Time series and precision of regression**

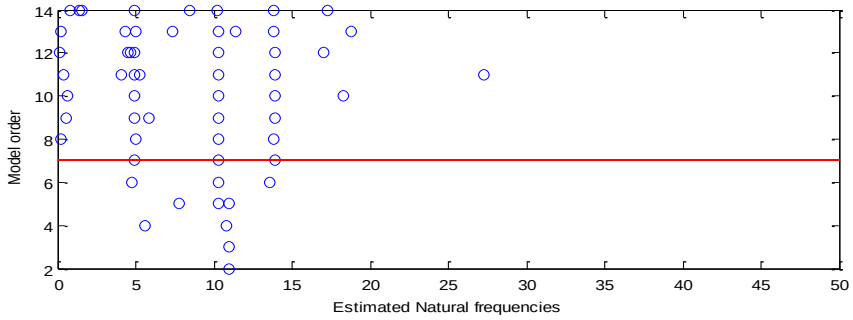



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 6 | 40 |

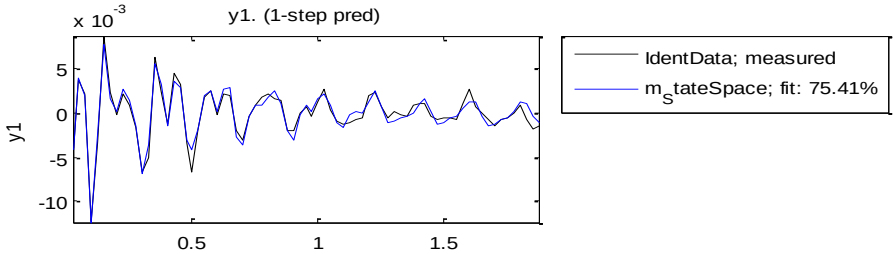
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_4_2_2 | 10.244 (13.8921) | 3.2999 (3.4159) |
| | 4.9157 | 3.6275 |

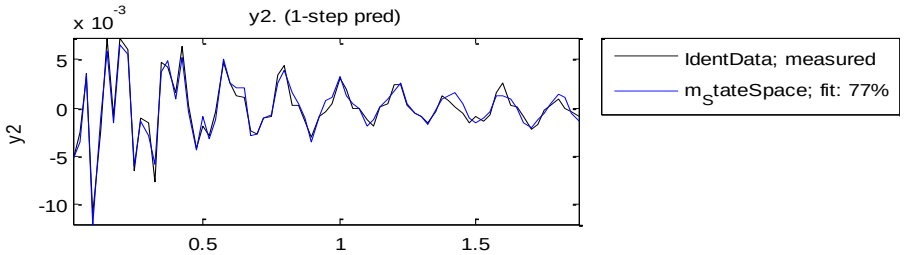
**Model order-/damping -/frequency plot**

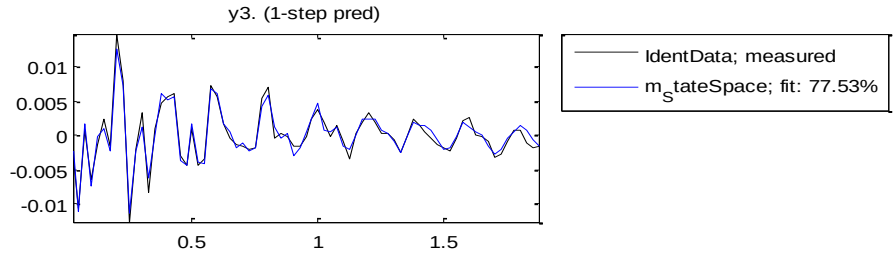



**Time series and precision of regression**



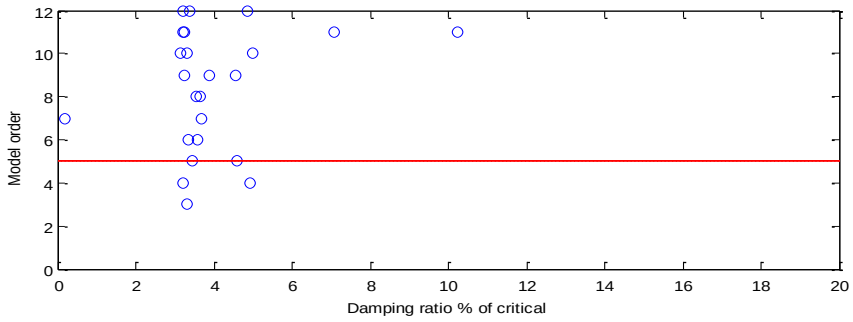



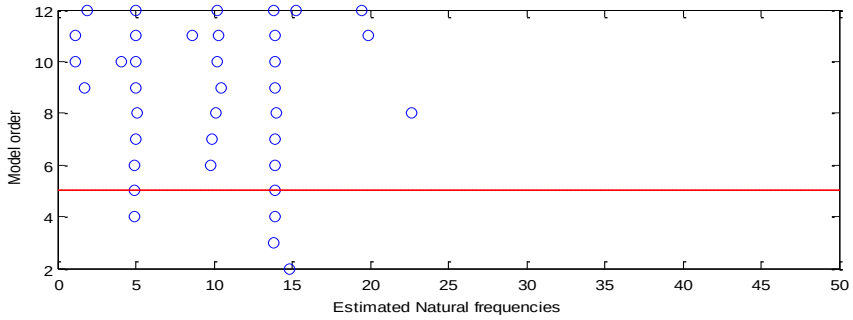




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:14 | 7 | 40 |

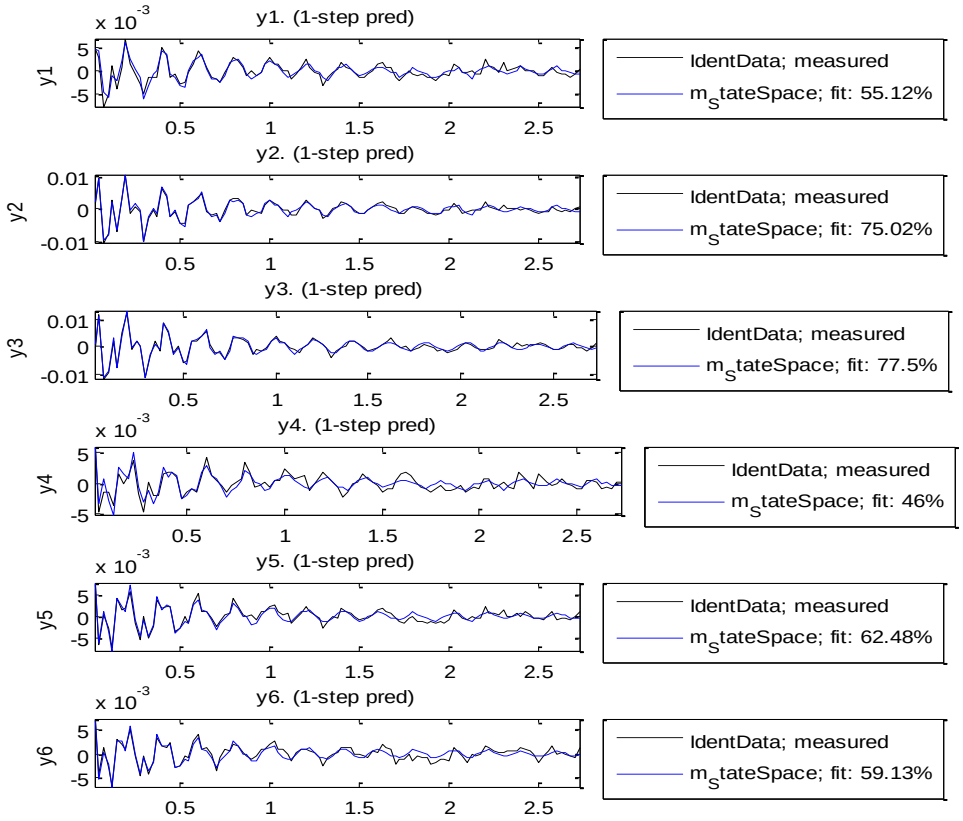
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_5_1_1 | - (13.8563) | - (3.3273) |
| | 4.9656 | 3.3191 |

**Model order-/damping -/frequency plot**



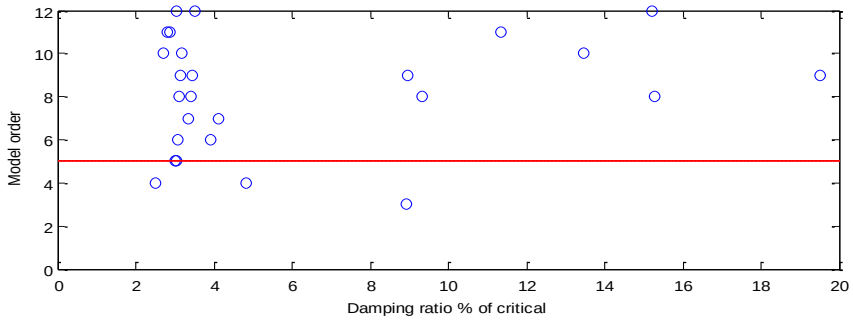

**Time series and precision of regression**

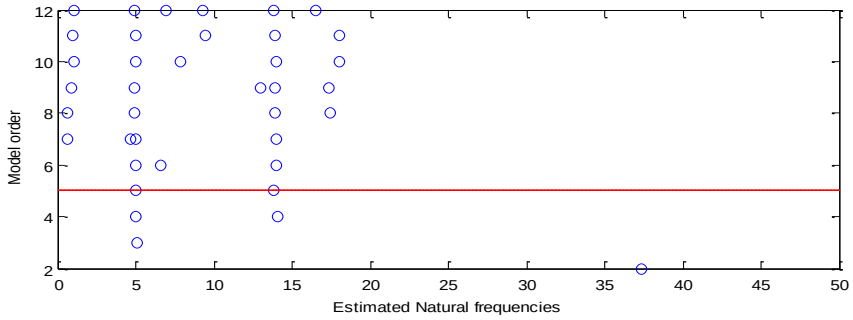



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 5 | 40 |

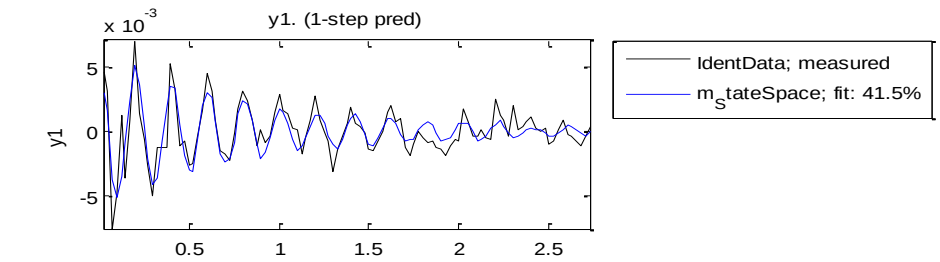
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_5_1_1 | - (13.8848) | - (3.4052) |
| | 4.9534 | 3.8861 |

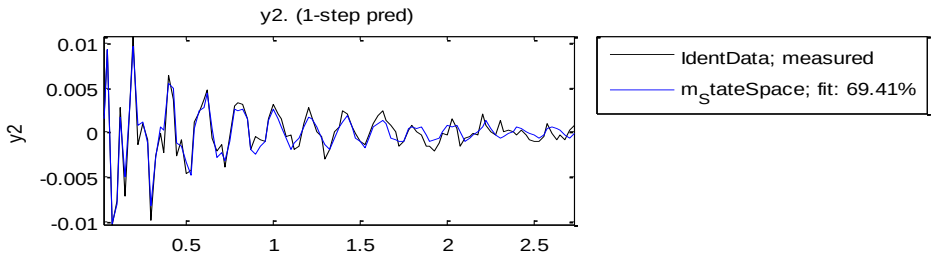
**Model order-/damping -/frequency plot**

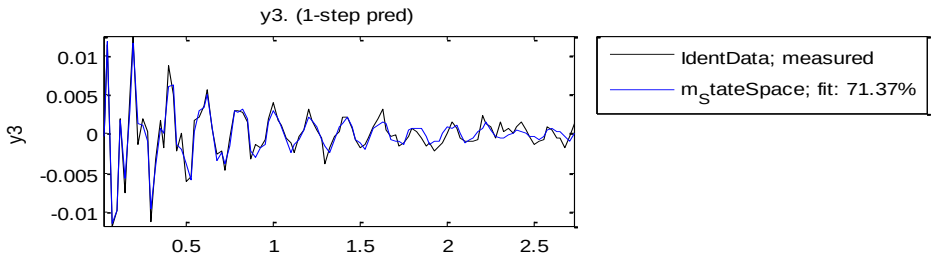



**Time series and precision of regression**



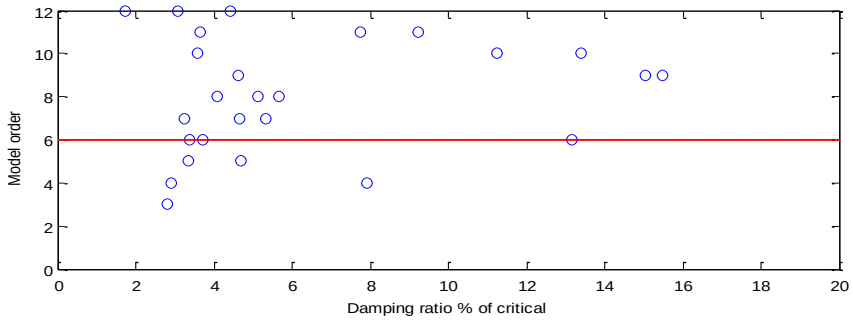



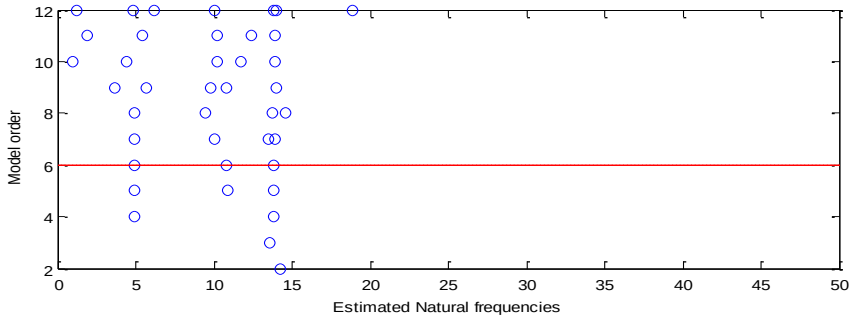




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:12 | 5 | 40 |

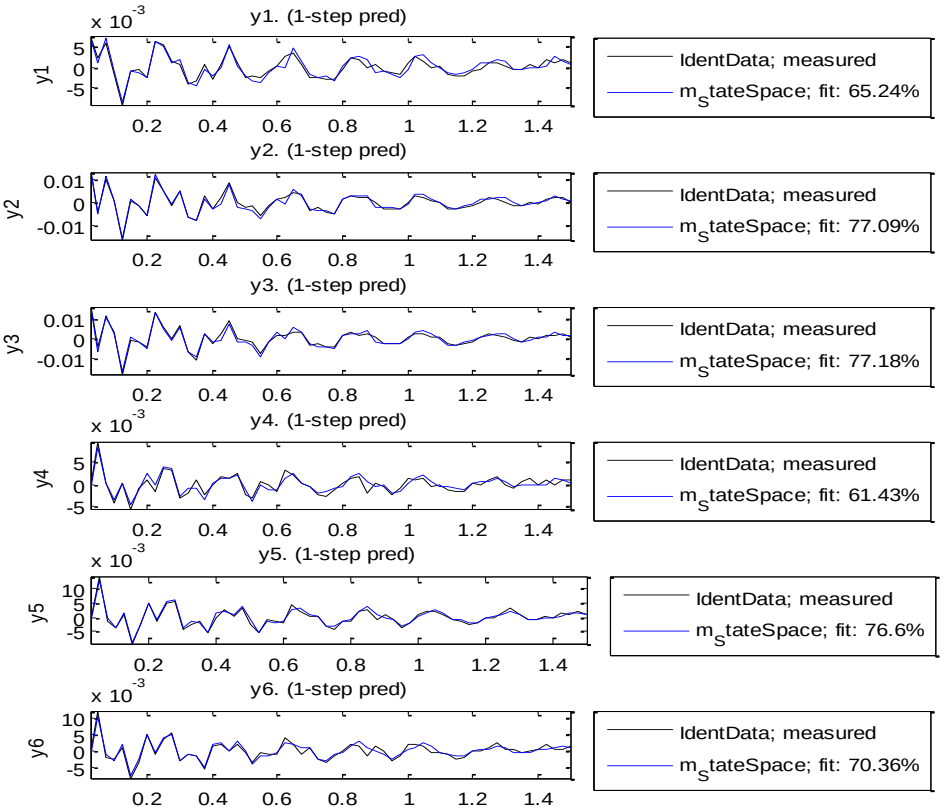
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_5_2_3 | - (13.8911) | - (3.2607) |
| | 4.9793 | 4.097 |

**Model order-/damping -/frequency plot**



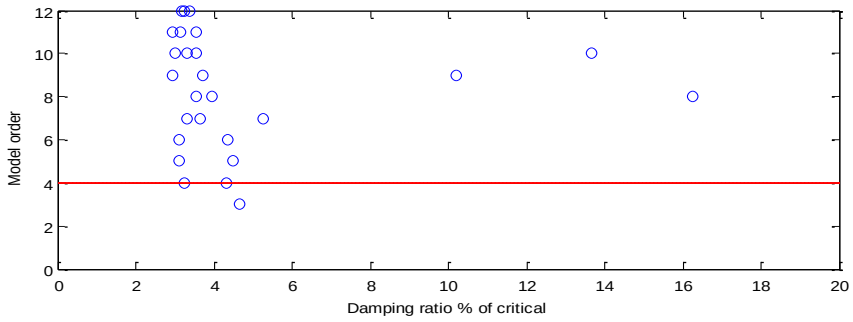

**Time series and precision of regression**

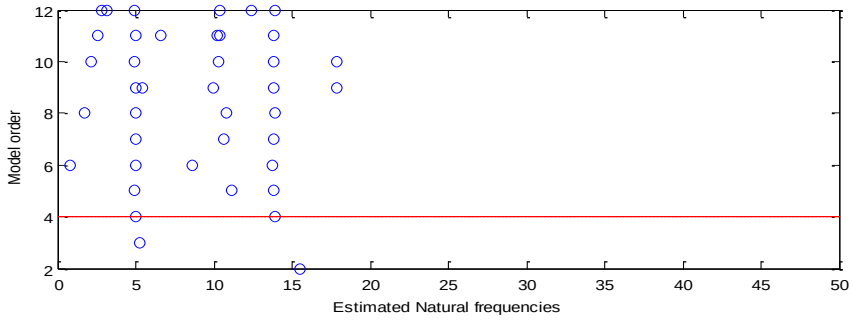



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 6 | 40 |

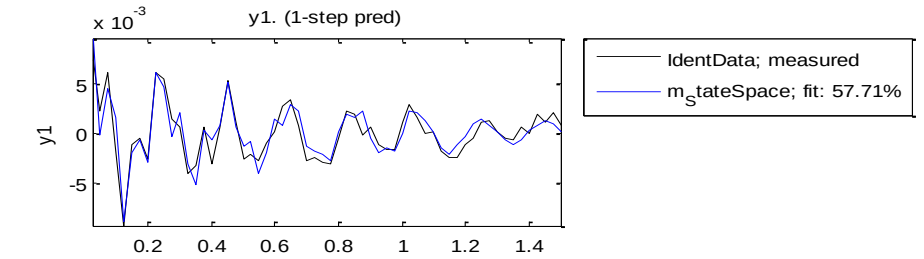
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_5_2_3 | - (13.8704) | - (3.6428) |
| | 4.9818 | 4.0406 |

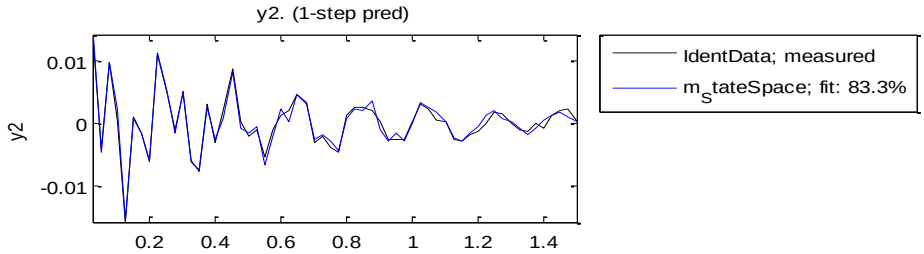
**Model order-/damping -/frequency plot**

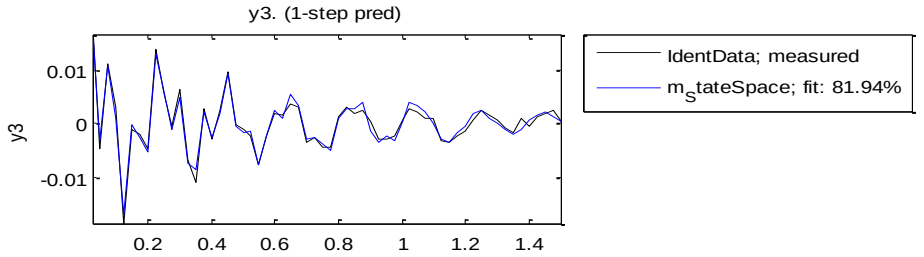



**Time series and precision of regression**



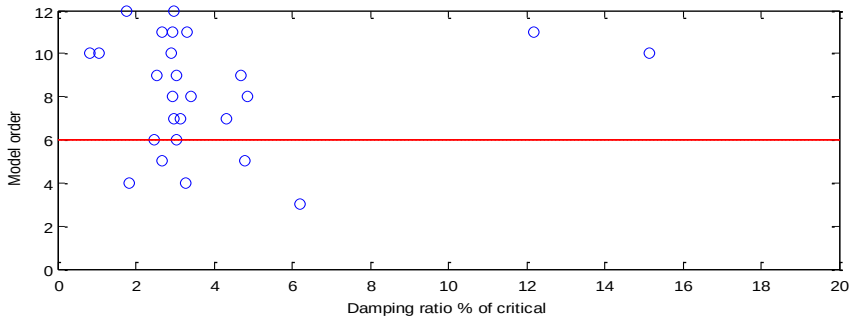



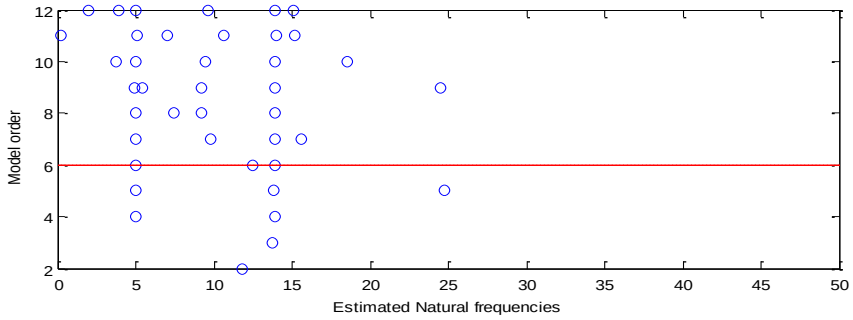




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:12 | 4 | 40 |

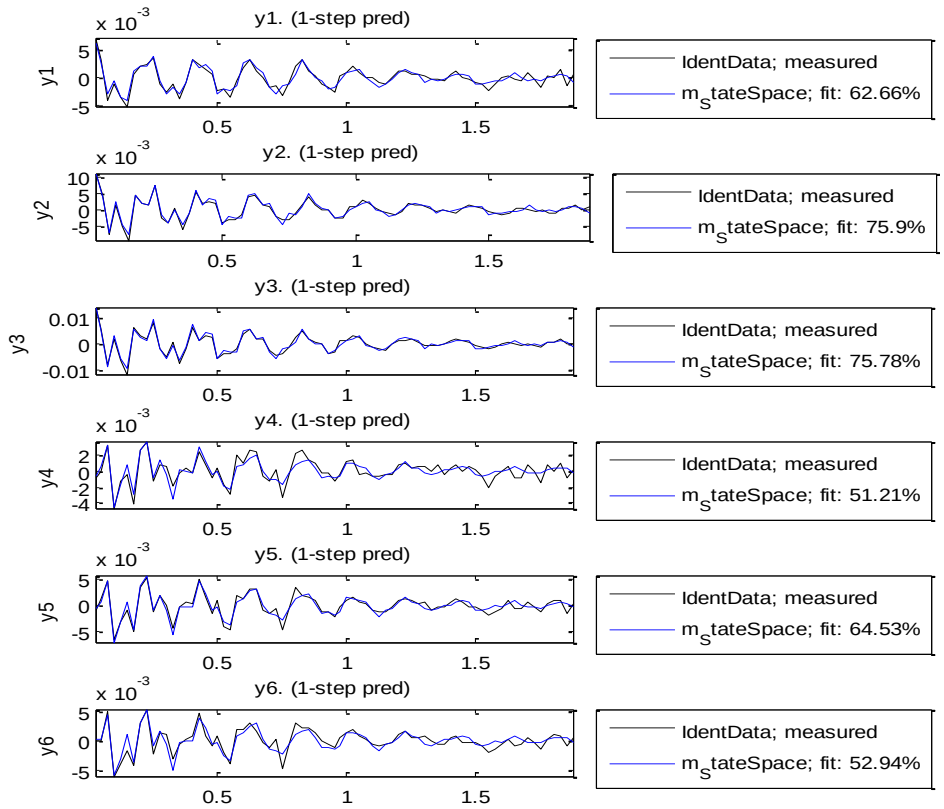
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_6_1_2 | - (13.8794) | - (3.0041) |
| | 4.9138 | 3.6784 |

**Model order-/damping -/frequency plot**



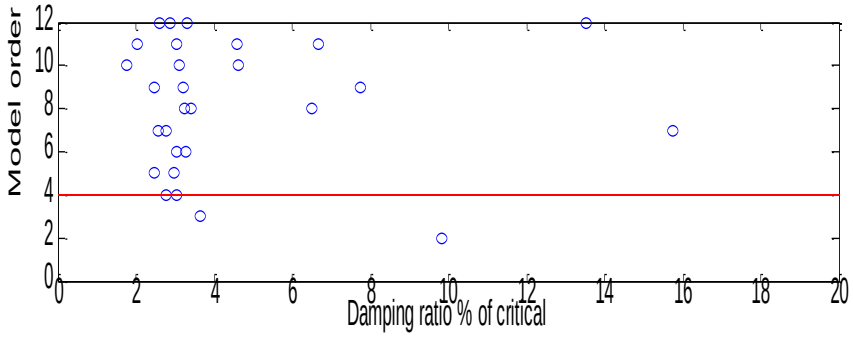

**Time series and precision of regression**

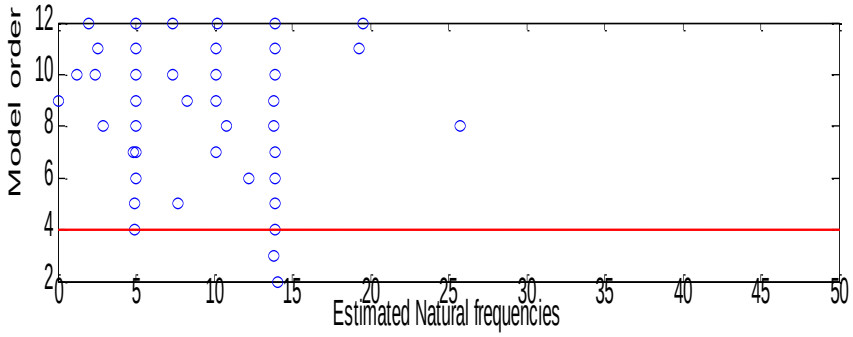



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 6 | 40 |

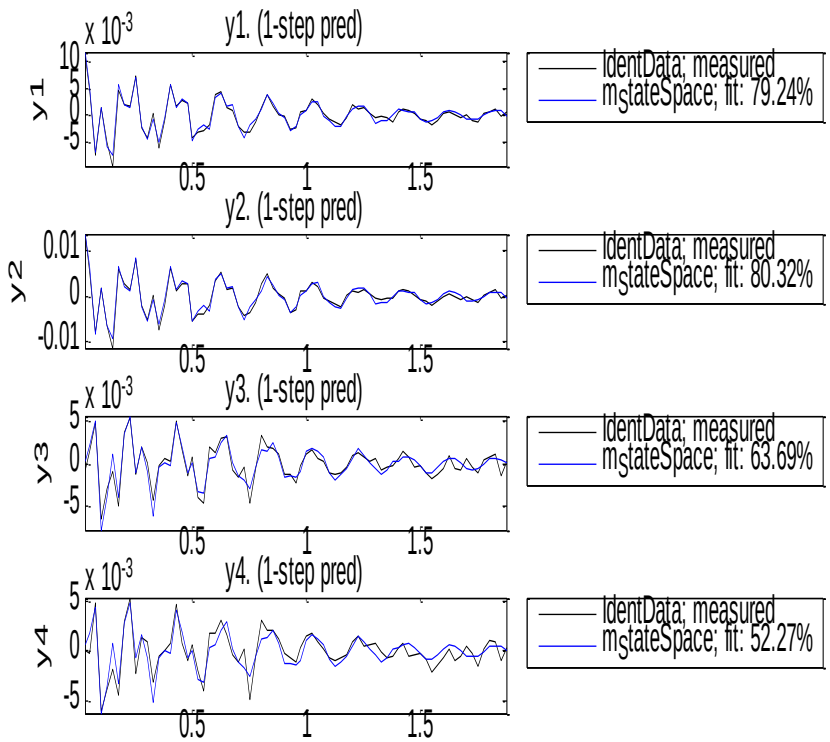
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_6_1_2 | - (13.8956) | - (3.1808) |
| | 5.0336 | 3.6121 |

**Model order-/damping -/frequency plot**



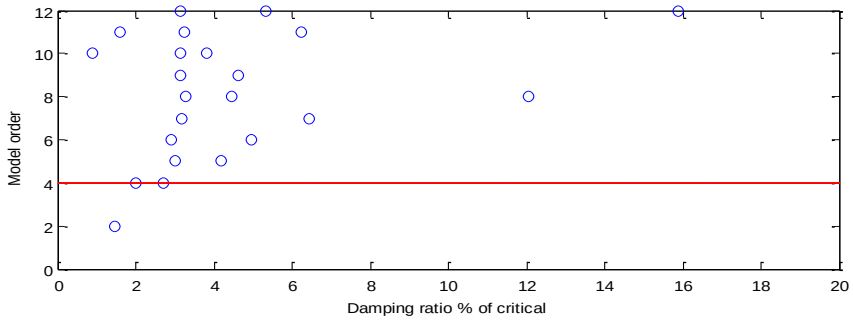

**Time series and precision of regression**

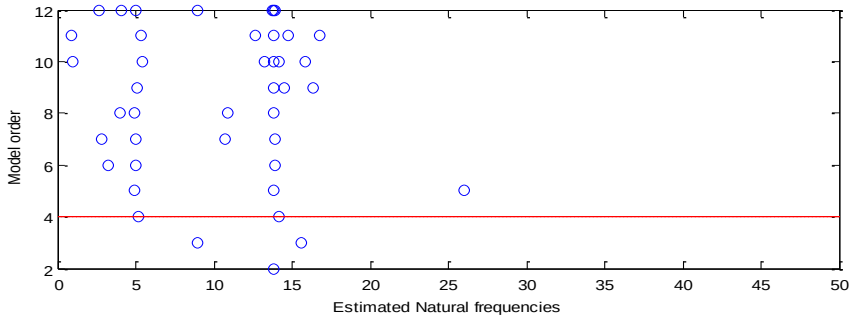



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | X | 3 | X | 4 | | 5 | X | 6 | X | 2:12 | 4 | 40 |

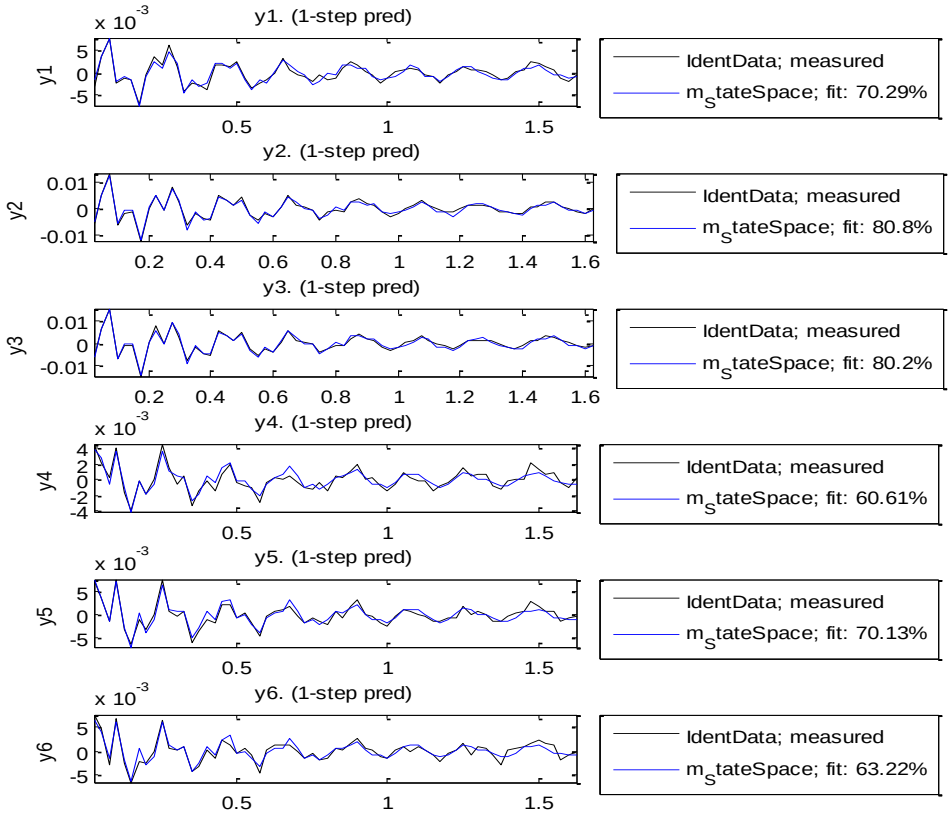
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_6_2_3 | - (13.8396) | - (3.2768) |
| | 4.9678 | 4.8194 |

**Model order-/damping -/frequency plot**



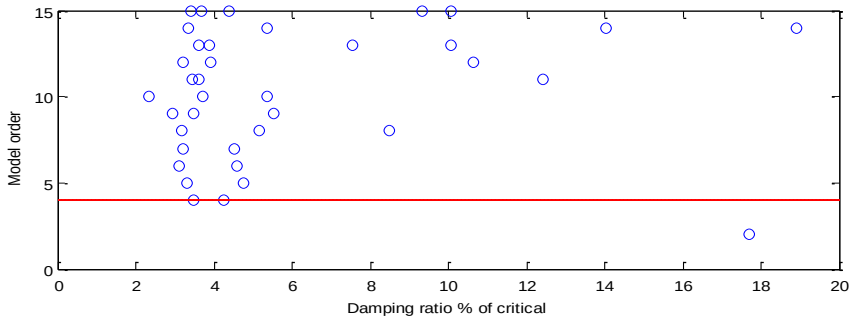

**Time series and precision of regression**

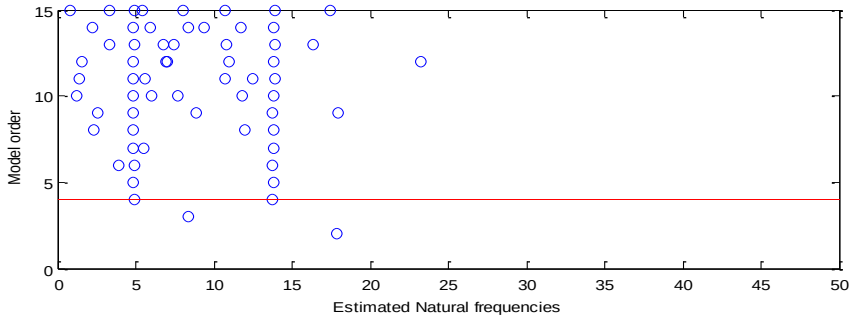



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 4 | 40 |

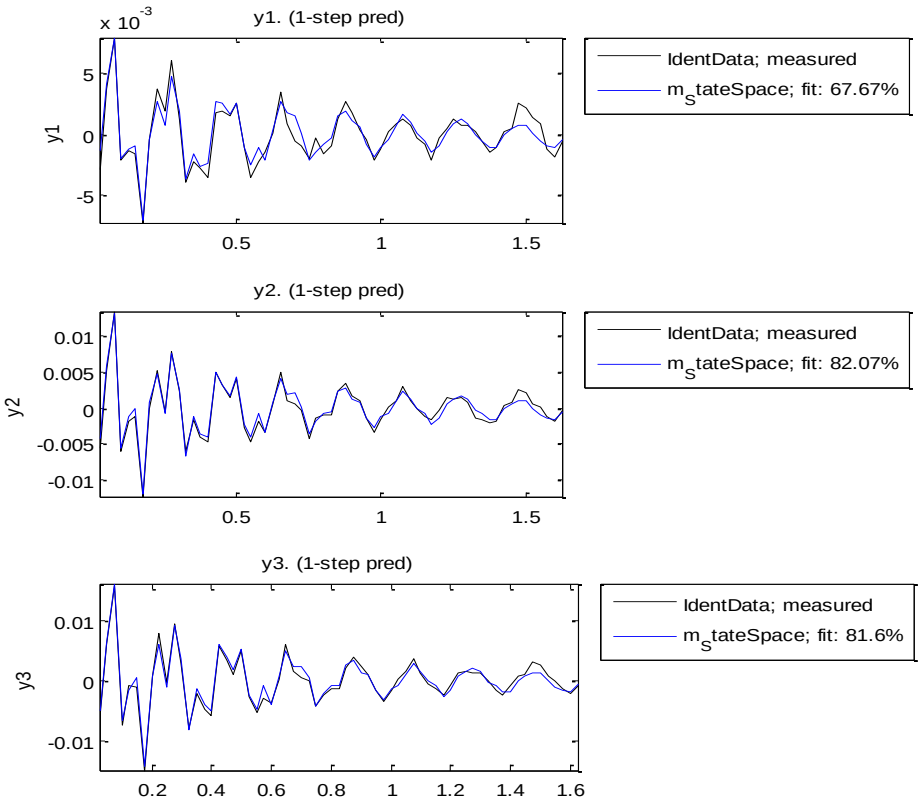
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_6_2_3 | - (13.8663) | - (3.2039) |
| | 4.8967 | 5.2021 |

**Model order-/damping -/frequency plot**



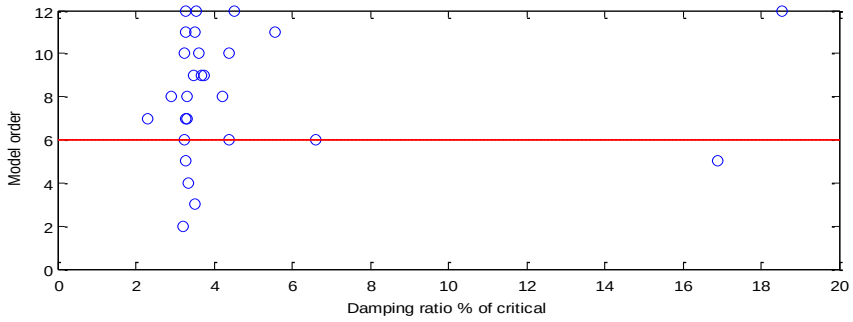

**Time series and precision of regression**

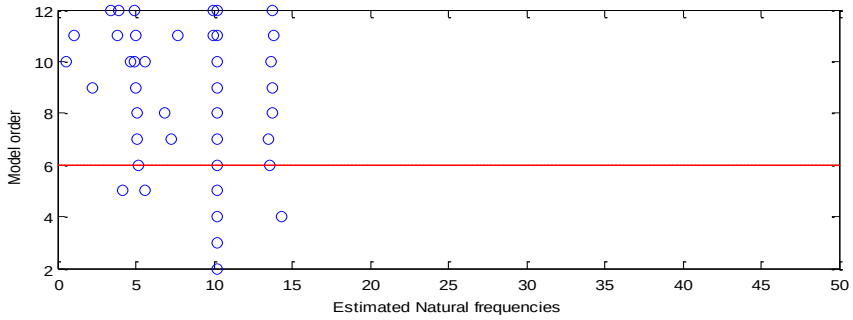



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:15 | 4 | 40 |

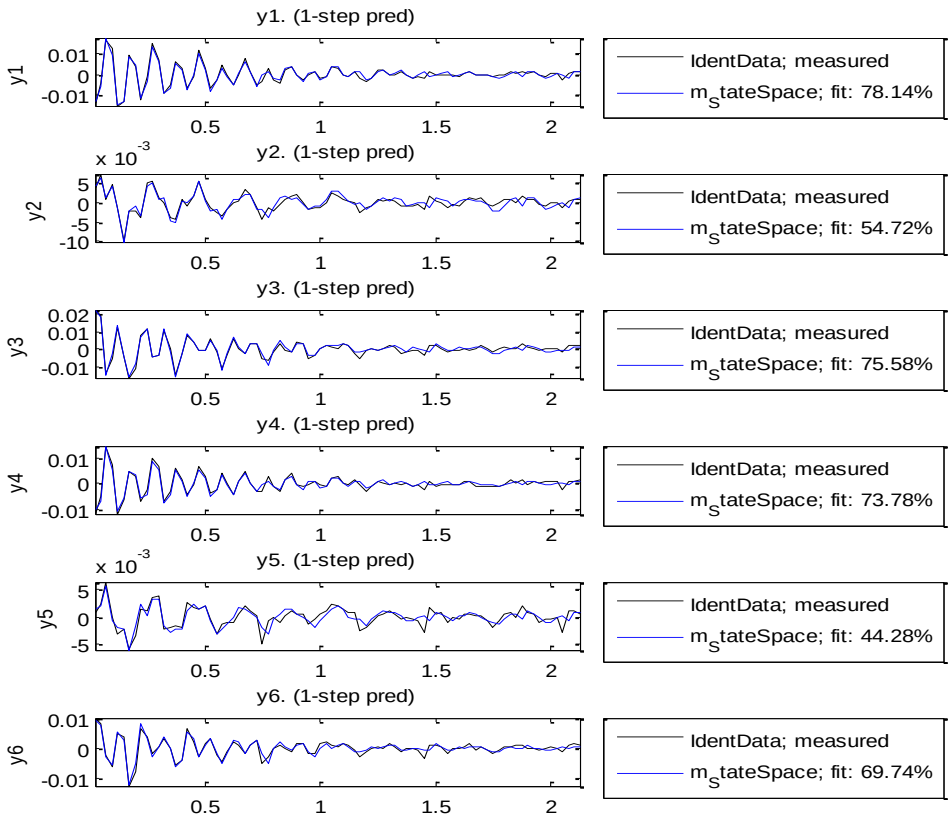
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_7_1_2 | 10.18 (13.7553) | 3.3443 (3.6917) |
| | 4.9711 | 4.4537 |

**Model order-/damping -/frequency plot**



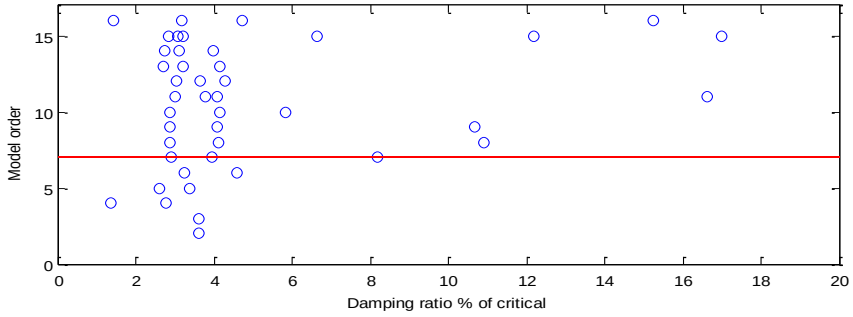

**Time series and precision of regression**

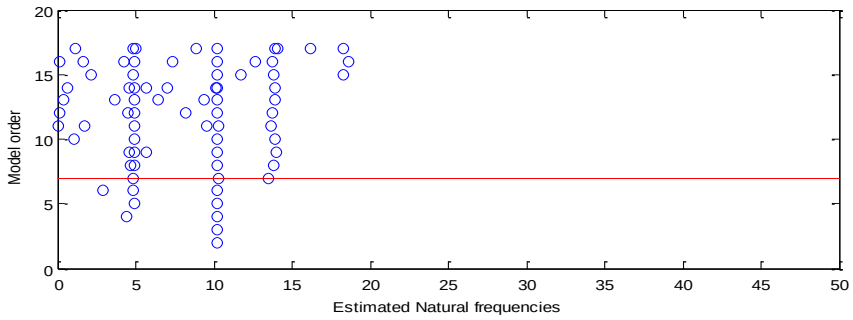



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 6 | 40 |

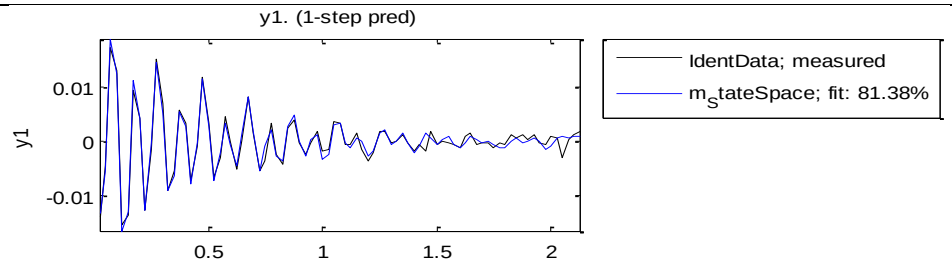
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_7_1_2 | 10.2141 (13.6989) | 3.209 (2.9615) |
| | 4.9938 | 3.6848 |

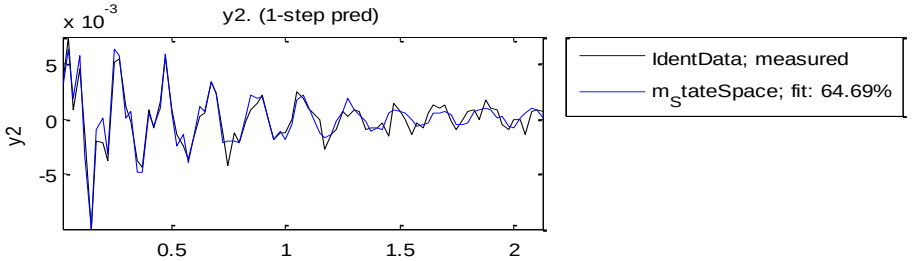
**Model order-/damping -/frequency plot**

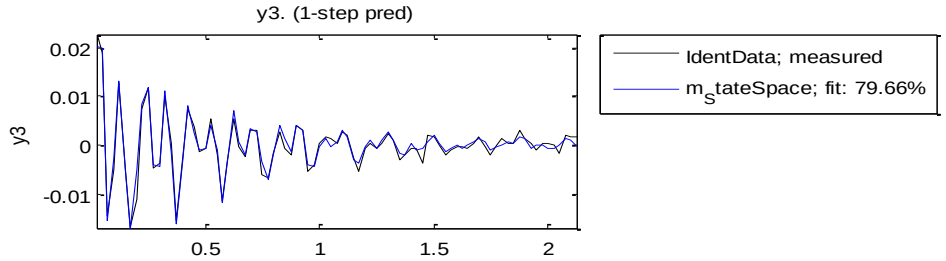



**Time series and precision of regression**



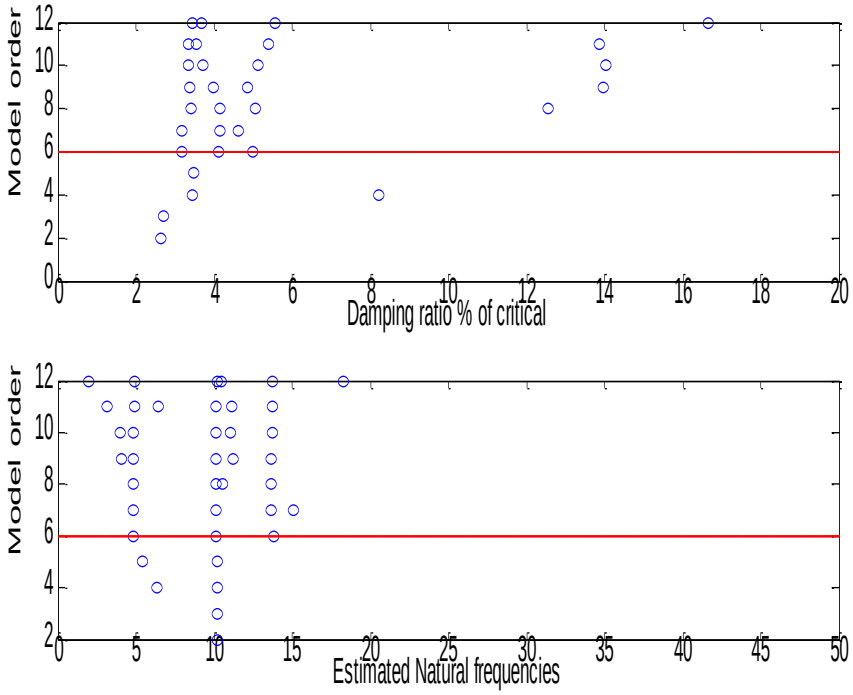



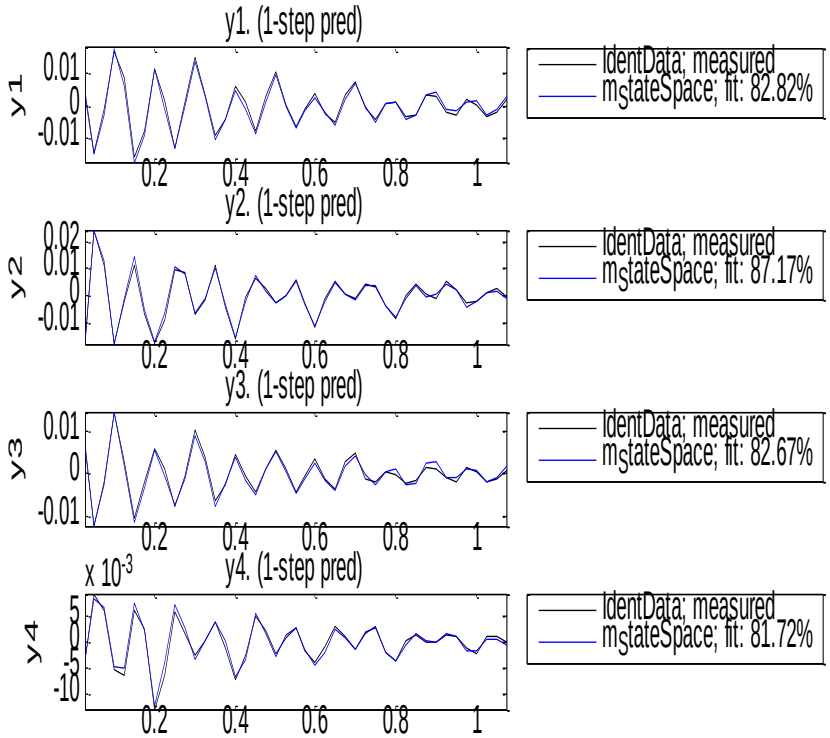

| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:17 | 7 | 40 |

| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_7_2_1 | 10.1602 (13.8298) | 3.1847 (4.9958) |
| | 4.8385 | 4.1166 |

**Model order-/damping -/frequency plot**



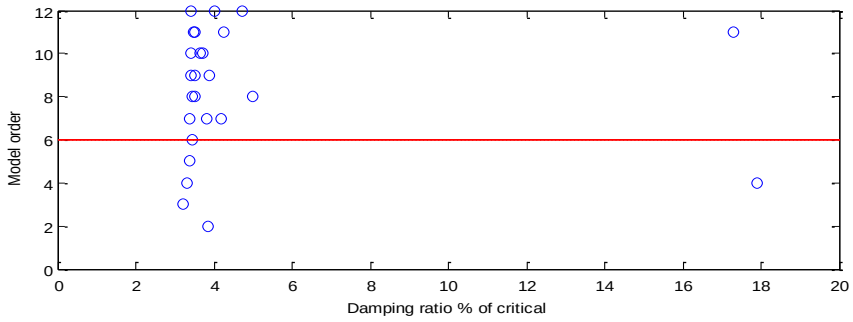

**Time series and precision of regression**

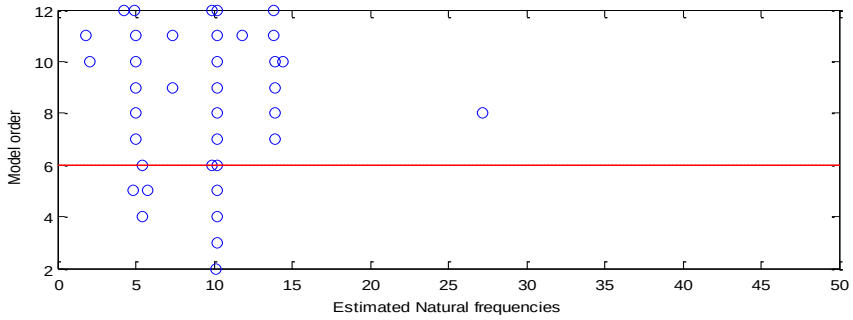



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X | 2 | | 3 | X | 4 | x | 5 | | 6 | x | 2:12 | 6 | 40 |

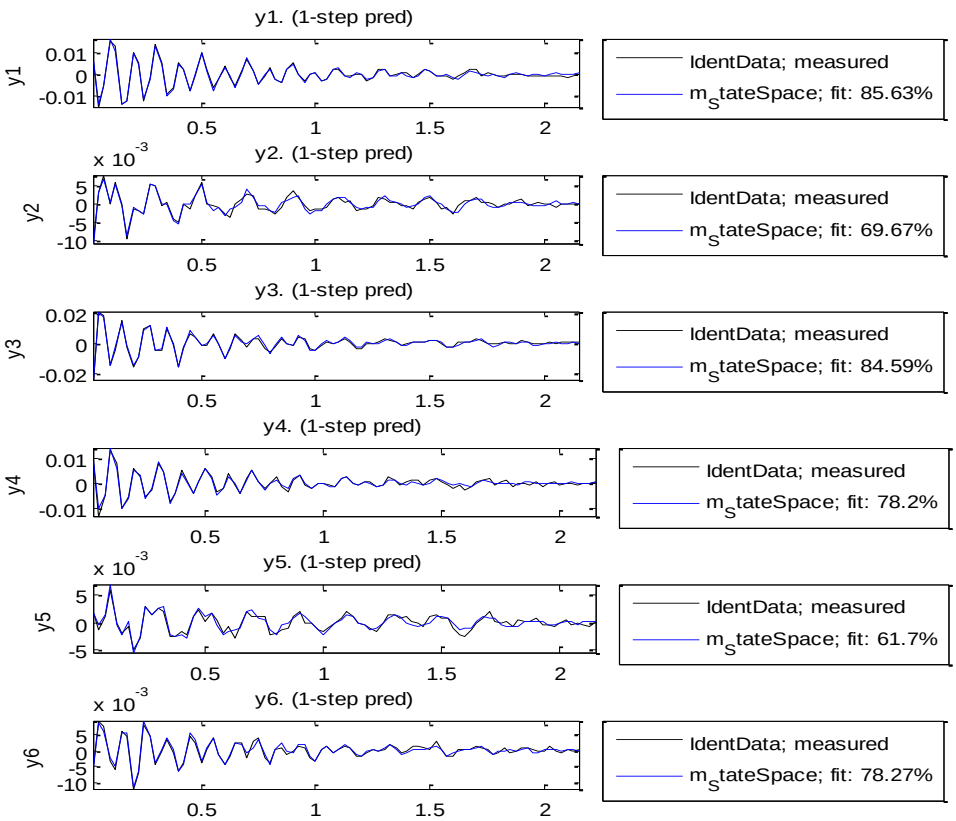
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_7_2_3 | 10.1703 (13.7504) | 3.3266 (4.3622) |
| | 4.9639 | 3.8924 |

**Model order-/damping -/frequency plot**



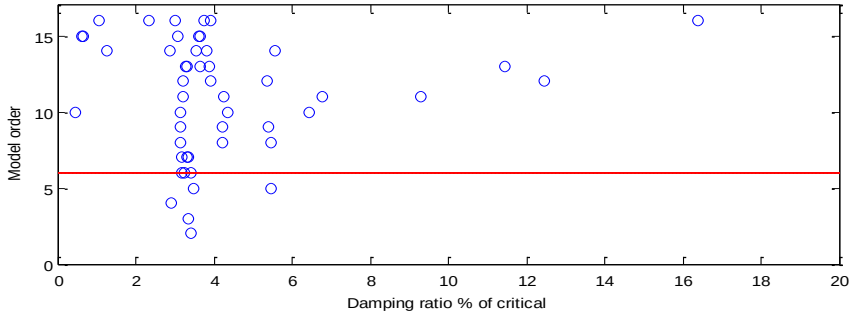

**Time series and precision of regression**

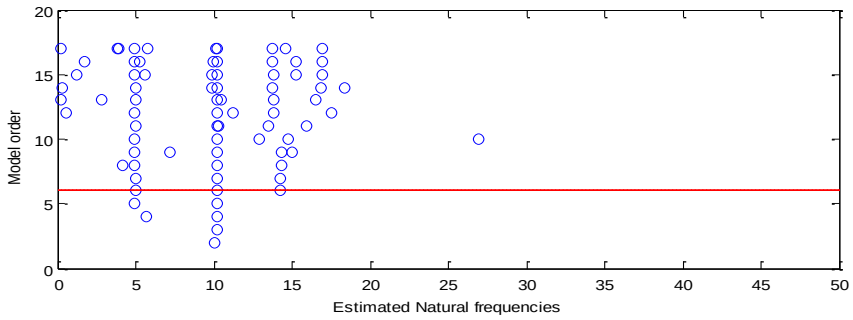



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 6 | 40 |

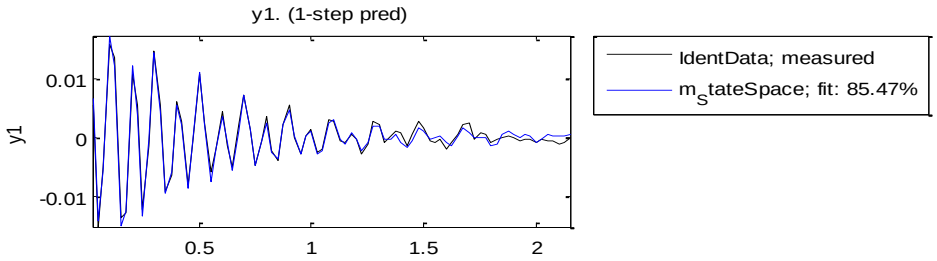
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_7_2_3 | 10.2157 (13.7244) | 3.3508 (3.6602) |
| | 4.9456 | 3.9098 |

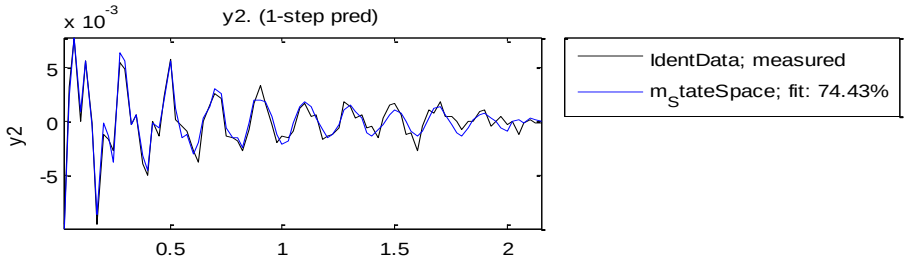
**Model order-/damping -/frequency plot**

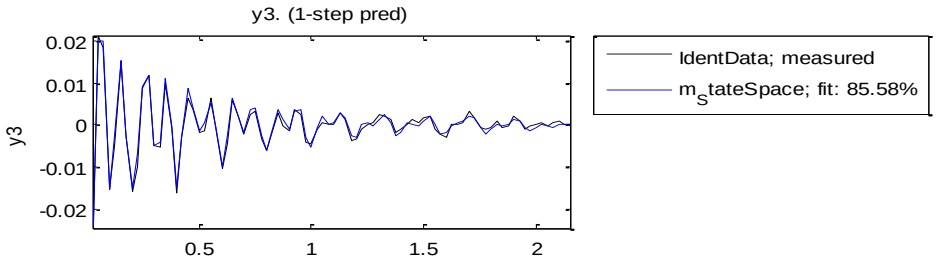



**Time series and precision of regression**



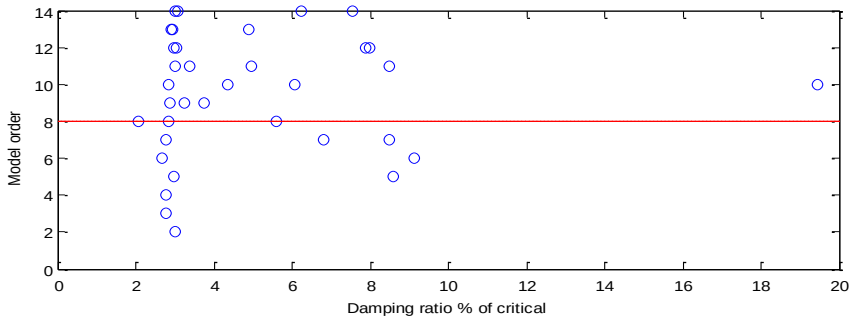



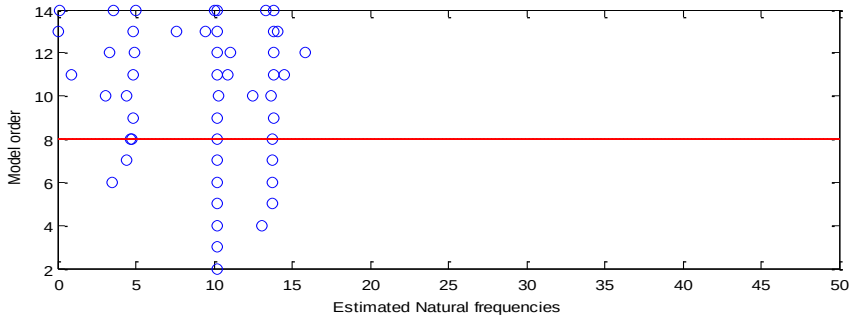




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:17 | 6 | 40 |

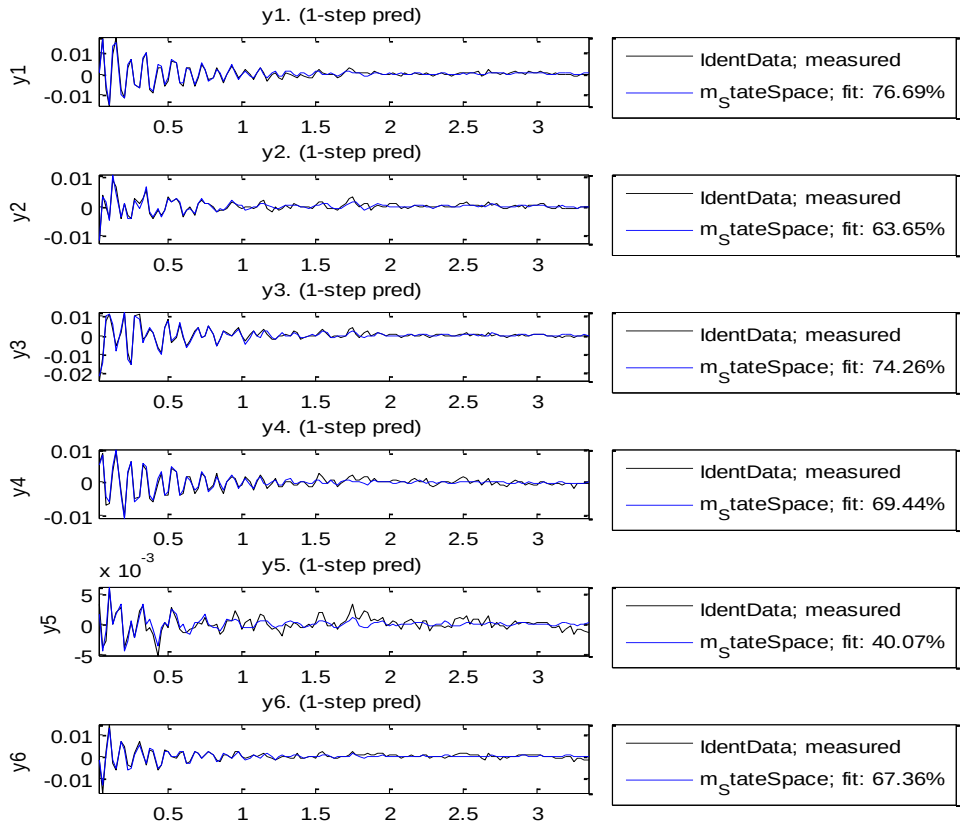
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_8_1_1 | 10.2268 (13.8087) | 2.9392 (3.5204) |
| | 4.8974 | 3.5825 |

**Model order-/damping -/frequency plot**



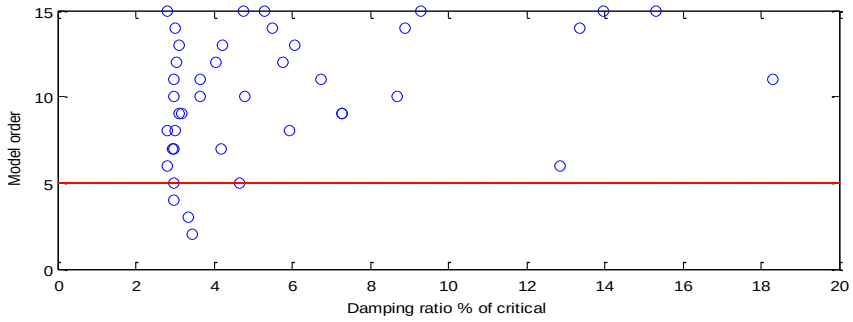

**Time series and precision of regression**

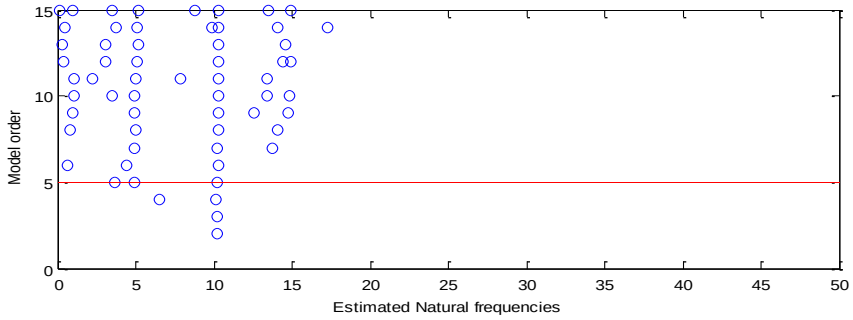



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:15 | 8 | 40 |

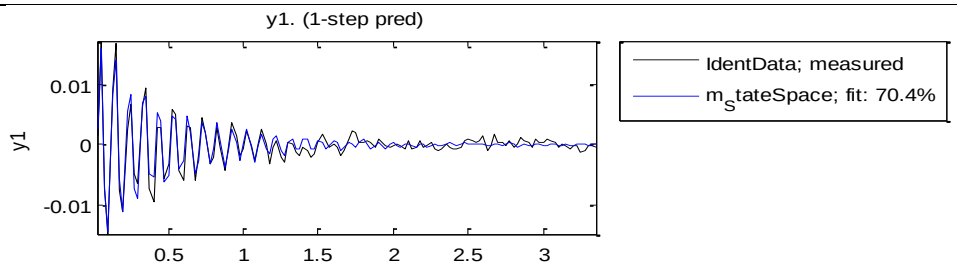
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_8_1_1 | 10.2956 (-) | 3.2125 (-) |
| | 4.5046 | 6.3827 |

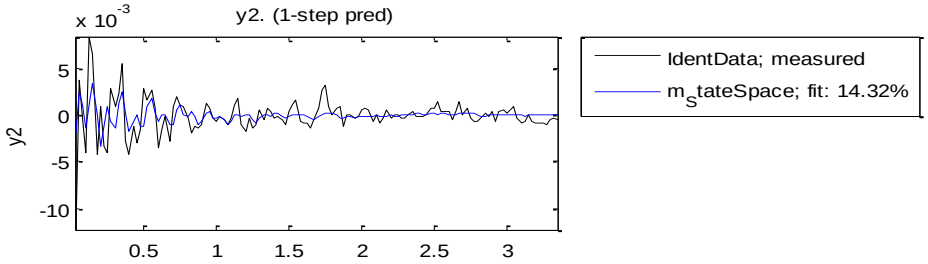
**Model order-/damping -/frequency plot**

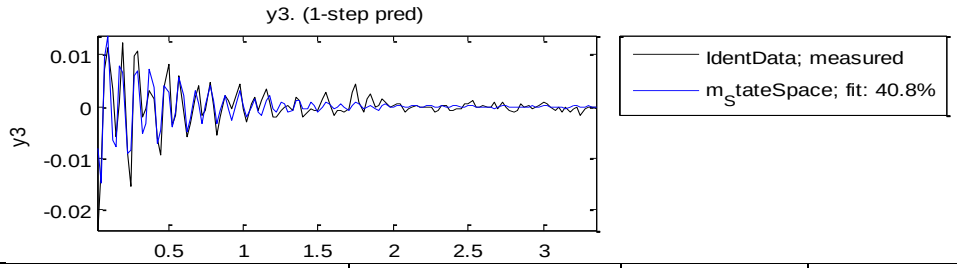



**Time series and precision of regression**



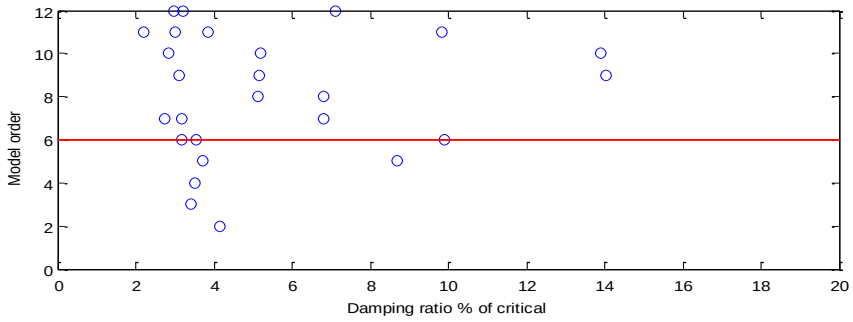



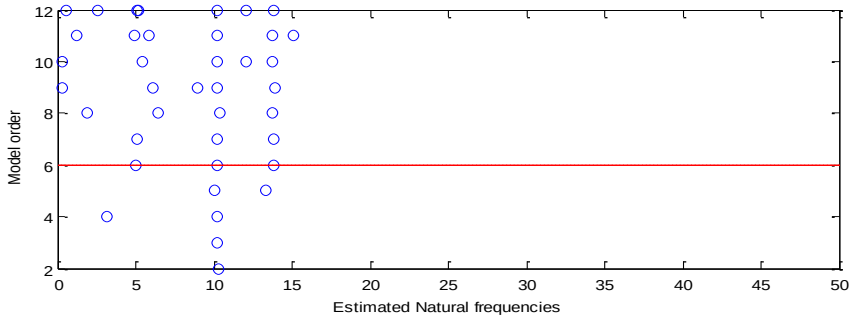




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:15 | 5 | 40 |

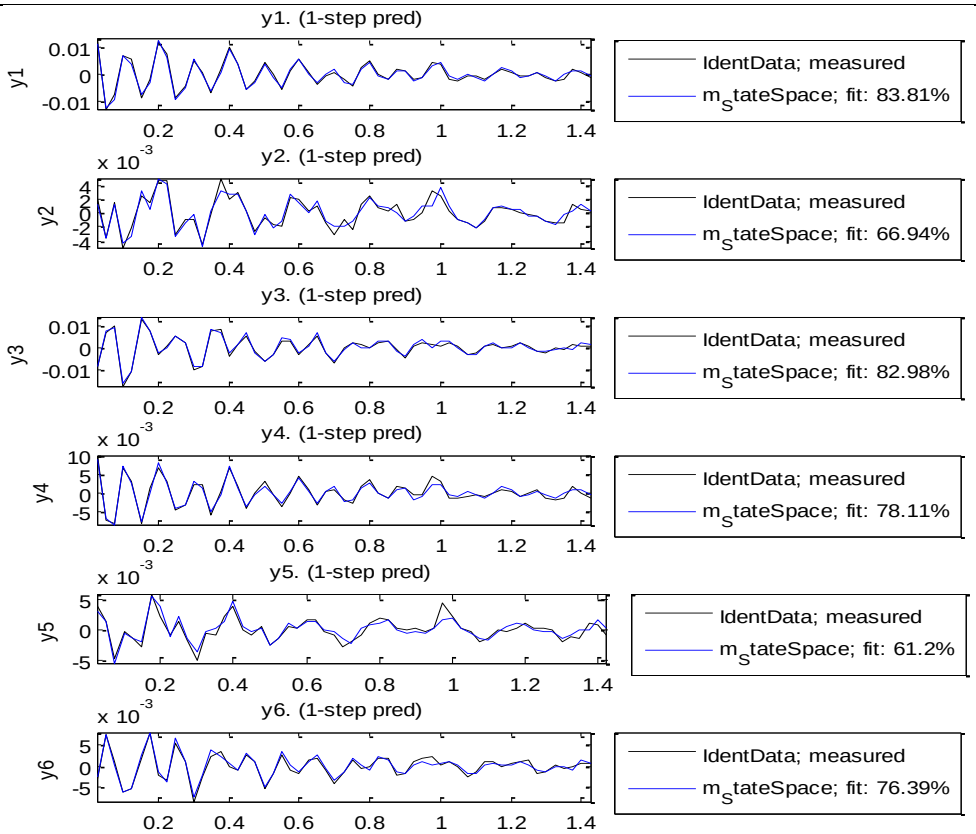
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_8_2_2 | 10.2118 (13.8183) | 3.1806 (2.8732) |
| | 5.0685 | 7.1033 |

**Model order-/damping -/frequency plot**



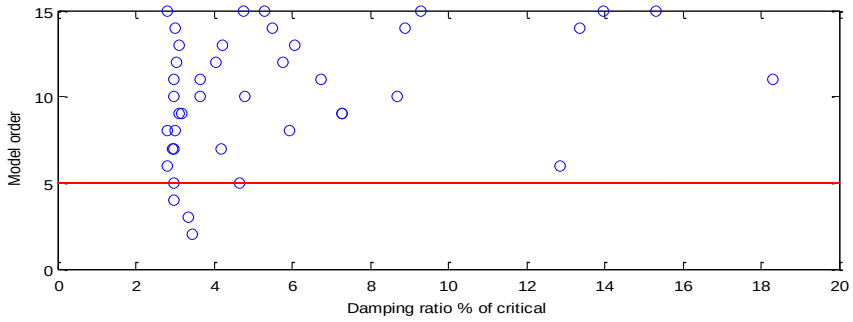

**Time series and precision of regression**

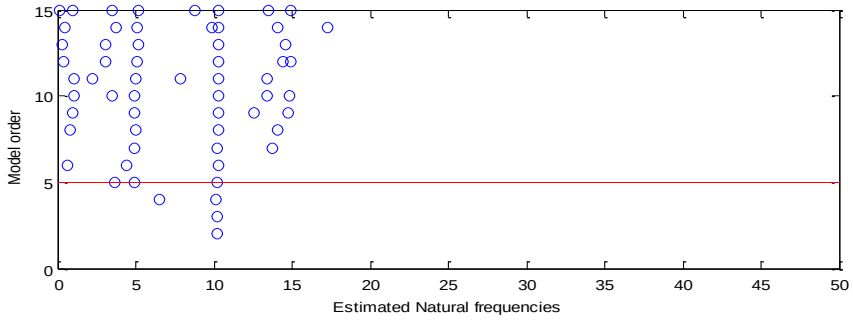



| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | x | **5** | x | **6** | x | 2:12 | 6 | 40 |

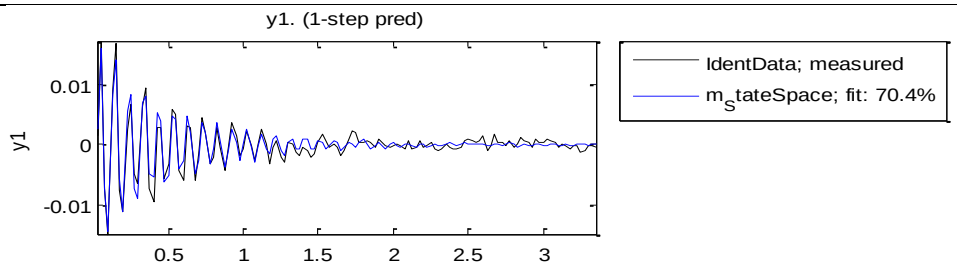
| Measurement | Frequencies[Hz] | Damping ratio [%] |
|---|---|---|
| M4L_8_2_2 | 10.2171 (13.969) | 3.0922 (3.1519) |
| | 5.0001 | 3.7964 |

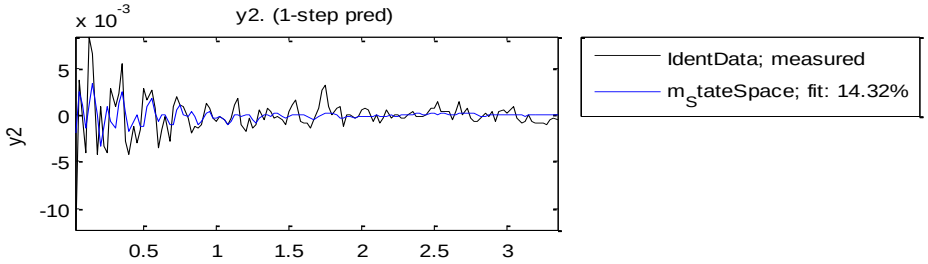
**Model order-/damping -/frequency plot**

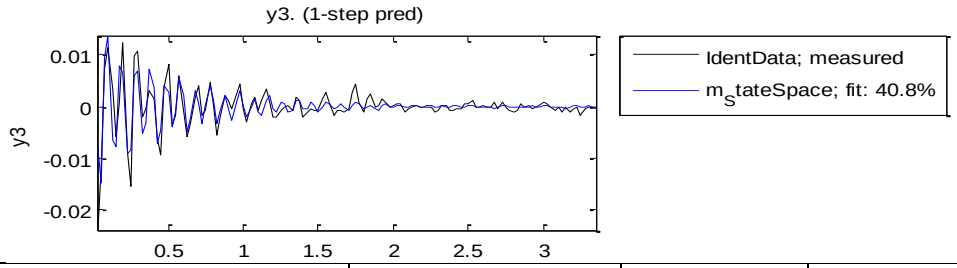



**Time series and precision of regression**




| Time series applied | | | | | | | | | | | | Model order range | Model order | Samplingrate [Hz] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | X | **2** | X | **3** | X | **4** | | **5** | | **6** | | 2:15 | 7 | 40 |