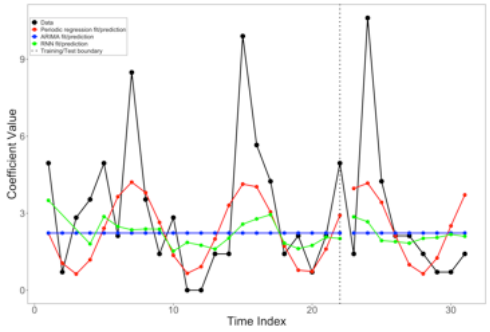
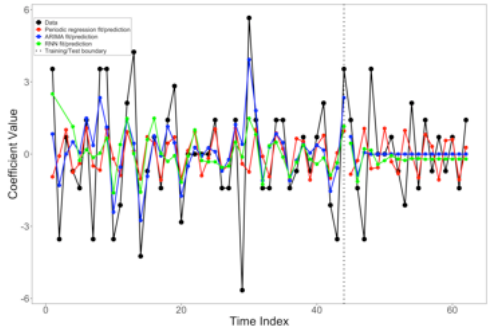
Regression results in MWWP

The black line indicates data and black dots indicates training/validation boundary. The red line is periodic regression result/prediction. The blue line is ARIMA fit result/prediction. The green line is RNN fit result/prediction.

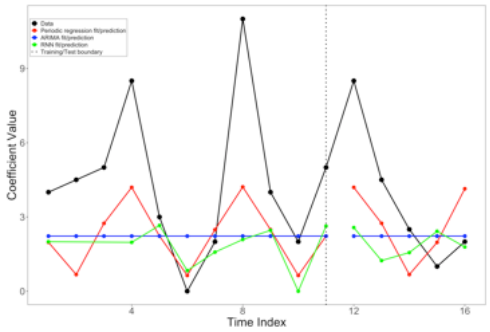


(a) regressed coefficient value h_1

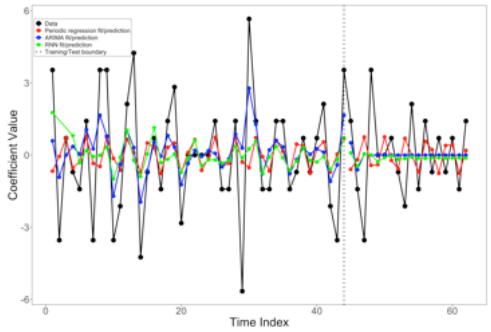


(b) regressed coefficient value h_2

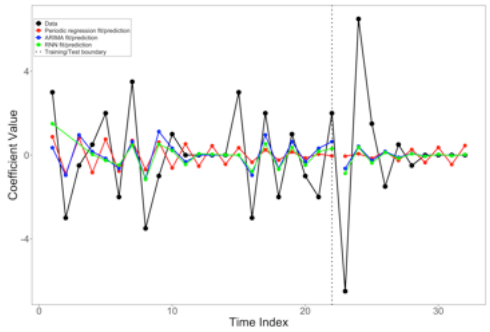
Fig .1: Regression result (70%, DS1, resolution level 1)



(a) regressed coefficient value h_1

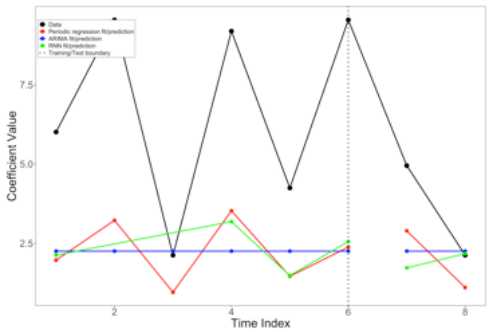


(b) regressed coefficient value h_2

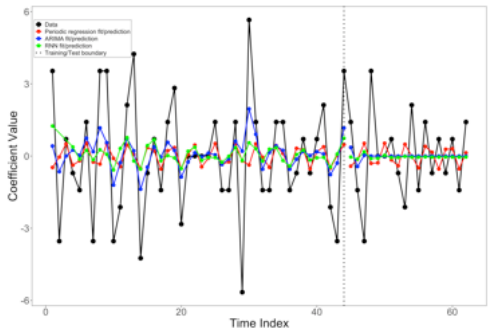


(c) regressed coefficient value h_3

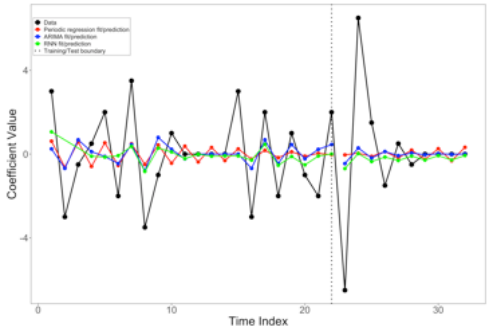
Fig .2: Regression result (70%, DS1, resolution level 2)



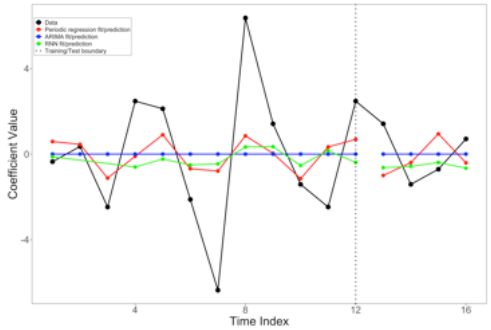
(a) regressed coefficient value h_1



(b) regressed coefficient value h_2

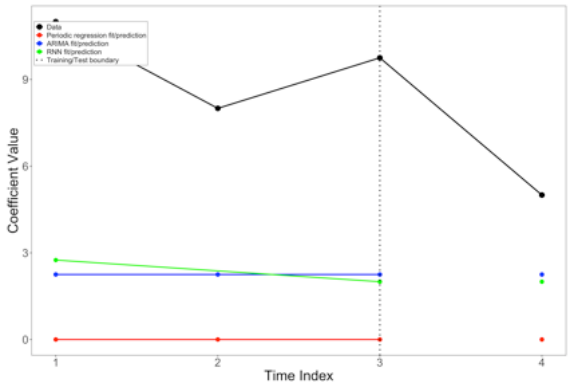


(c) regressed coefficient value h_3

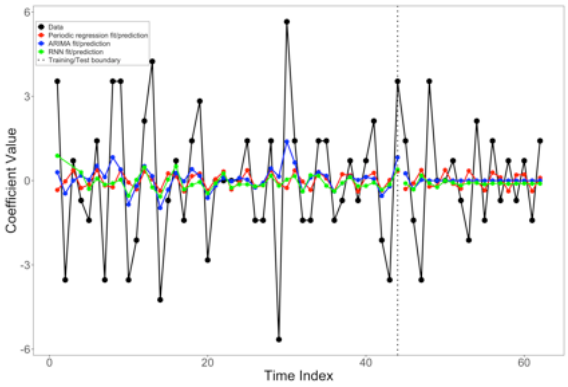


(d) regressed coefficient value h_4

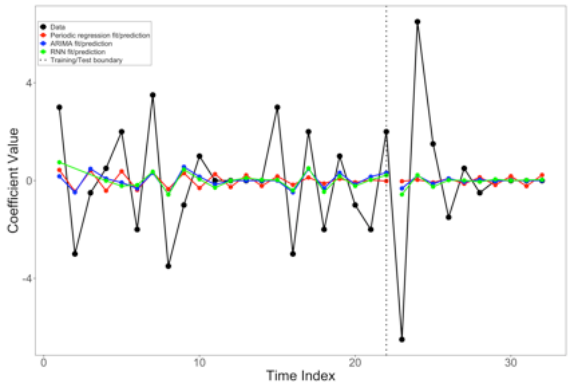
Fig .3: Regression result (70%, DS1, resolution level 3)



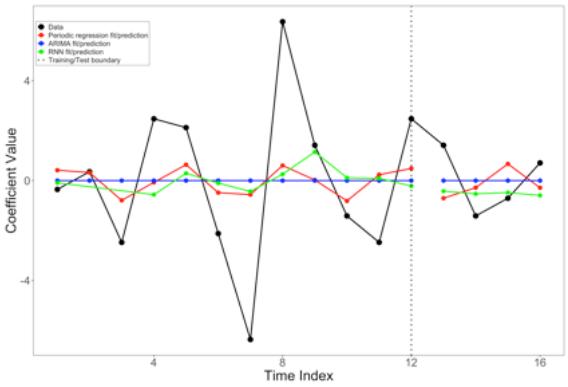
(a) regressed coefficient value h_1



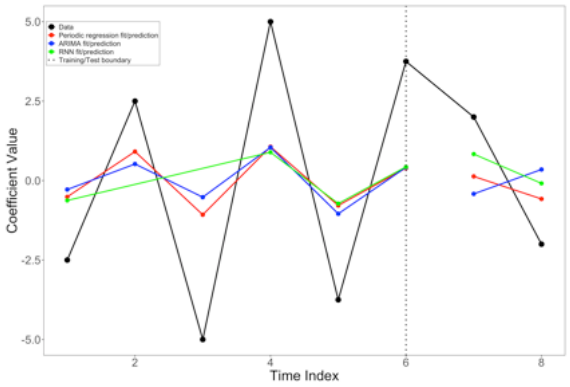
(b) regressed coefficient value h_2



(c) regressed coefficient value h_3

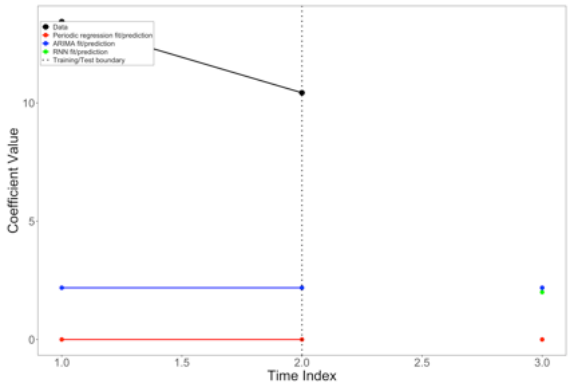


(d) regressed coefficient value h_4

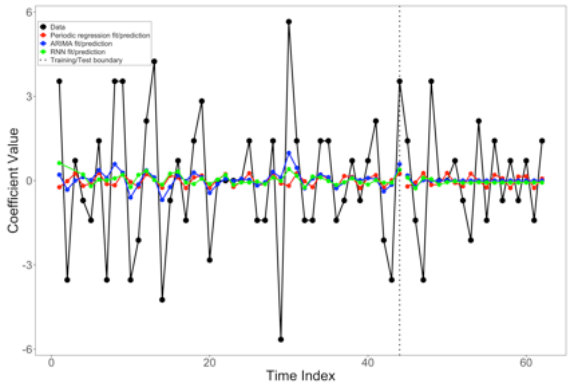


(e) regressed coefficient value h_5

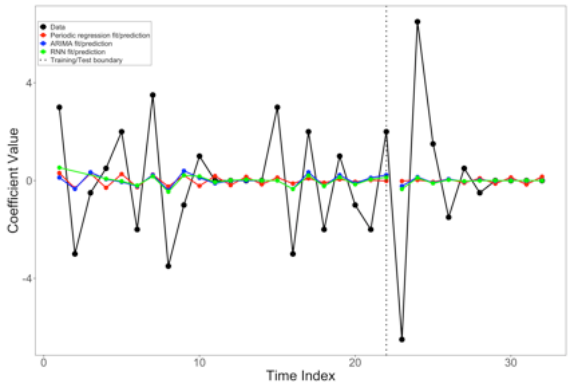
Fig .4: Regression result (70%, DS1, resolution level 4)



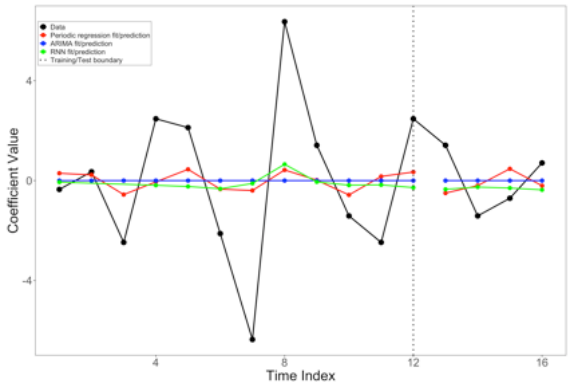
(a) regressed coefficient value h_1



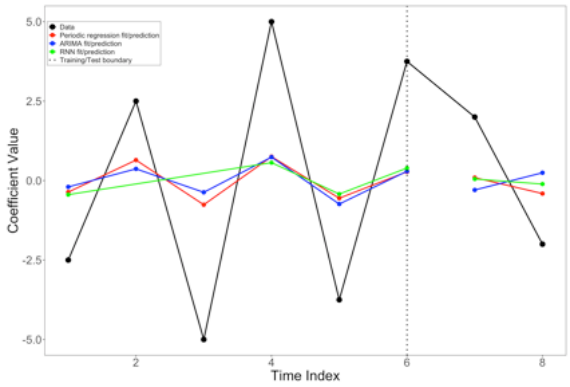
(b) regressed coefficient value h_2



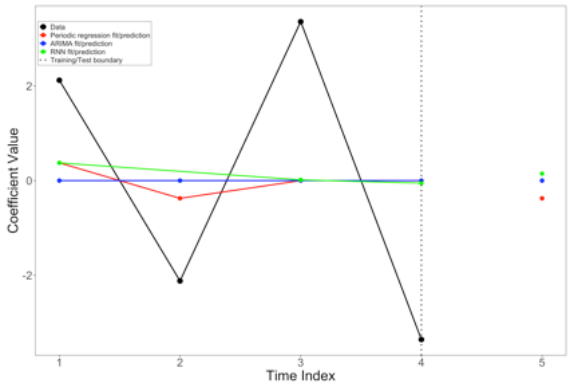
(c) regressed coefficient value h_3



(d) regressed coefficient value h_4

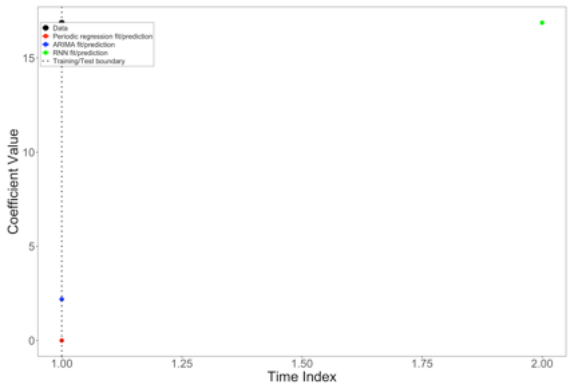


(e) regressed coefficient value h_5

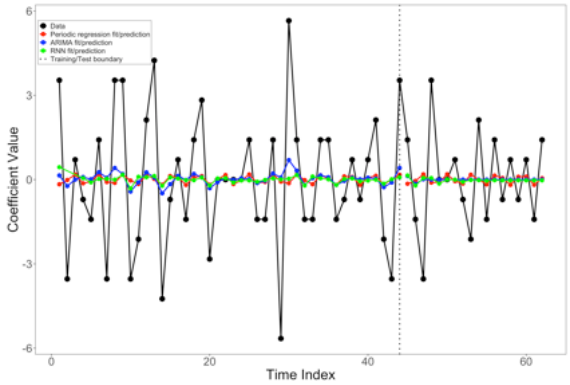


(f) regressed coefficient value h_6

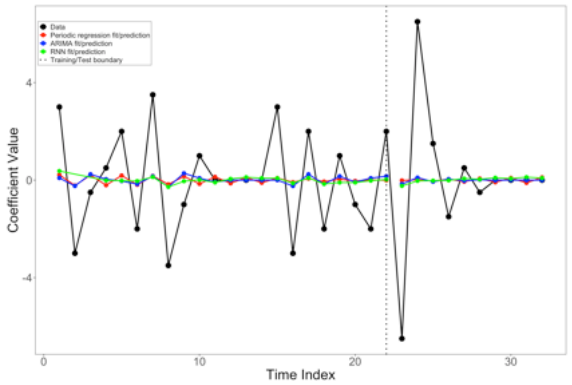
Fig .5: Regression result (70%, DS1, resolution level 5)



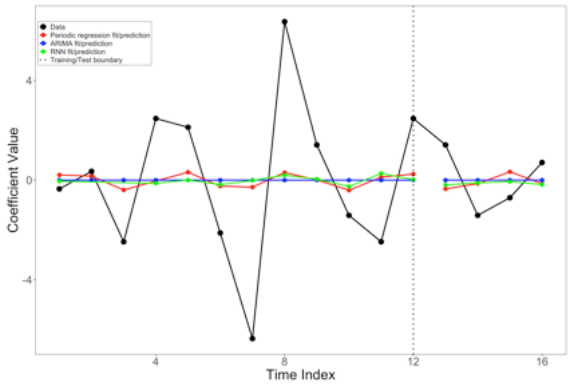
(a) regressed coefficient value h_1



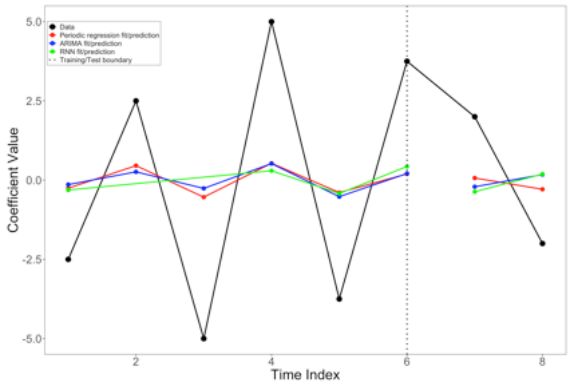
(b) regressed coefficient value h_2



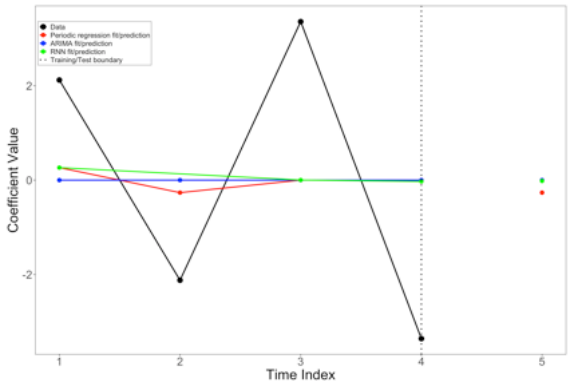
(c) regressed coefficient value h_3



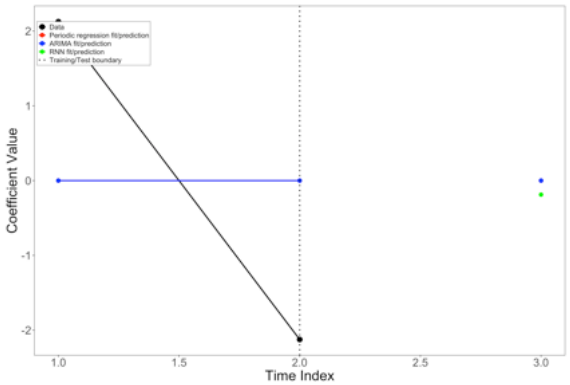
(d) regressed coefficient value h_4



(e) regressed coefficient value h_5

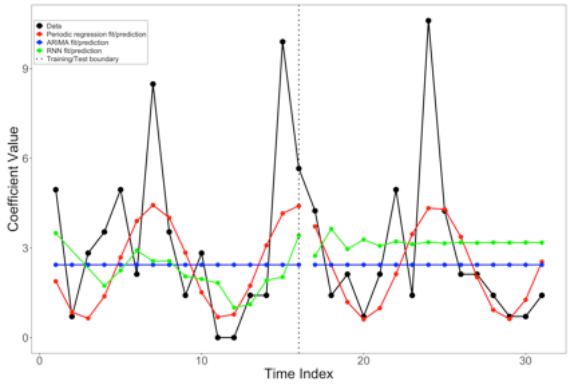


(f) regressed coefficient value h_6

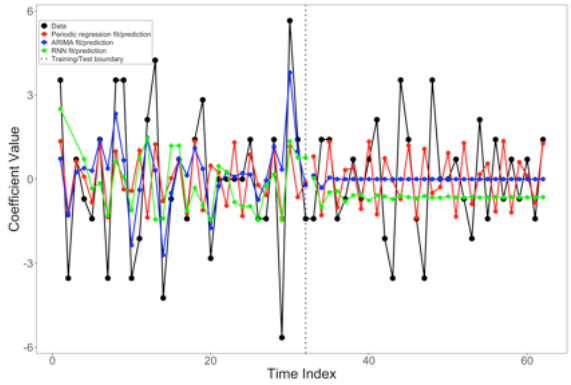


(g) regressed coefficient value h_7

Fig .6: Regression result (70%, DS1, resolution level 6)

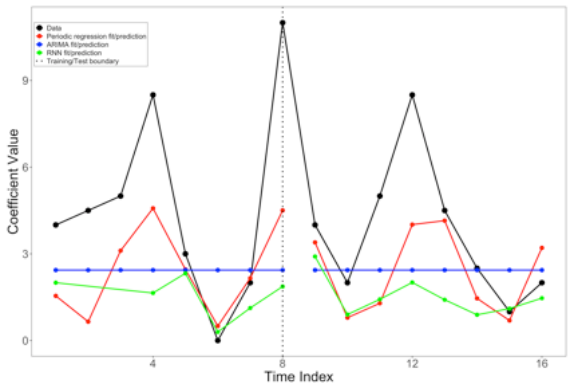


(a) regressed coefficient value h_1

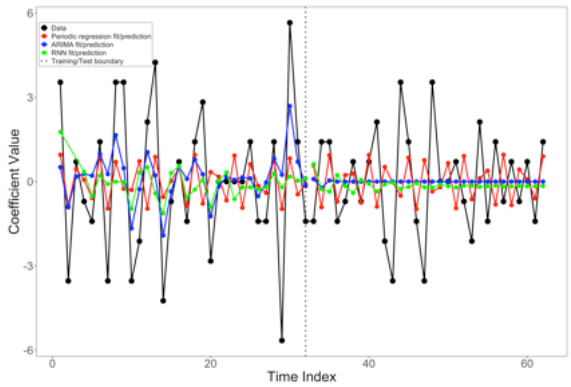


(b) regressed coefficient value h_2

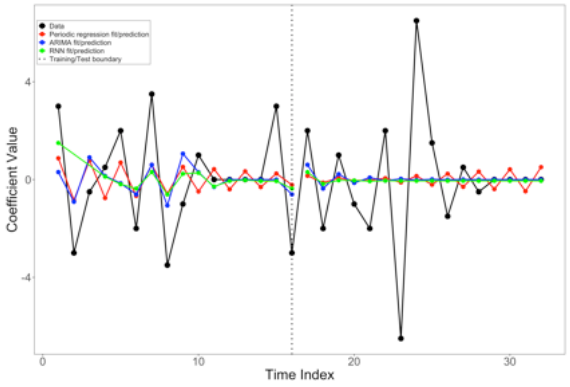
Fig .7: Regression result (50%, DS1, resolution level 1)



(a) regressed coefficient value h_1

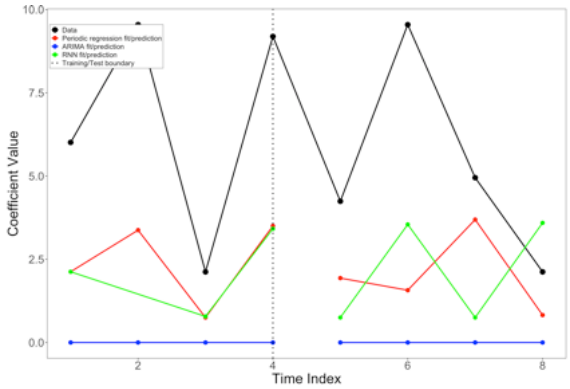


(b) regressed coefficient value h_2

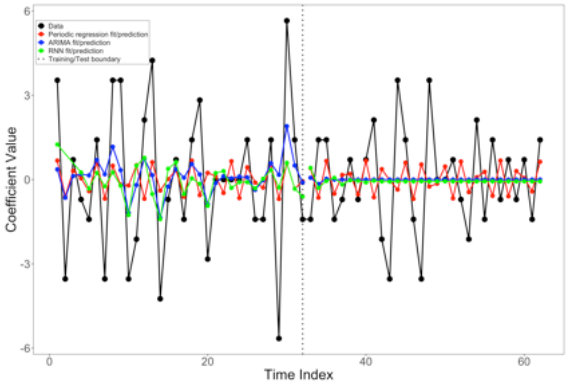


(c) regressed coefficient value h_3

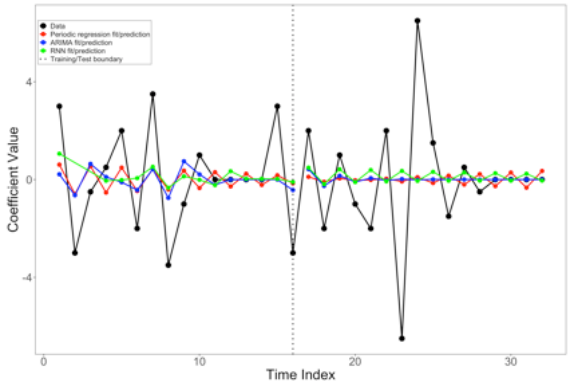
Fig .8: Regression result (50%, DS1, resolution level 2)



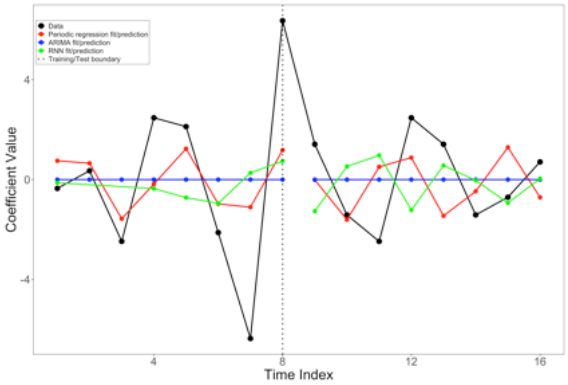
(a) regressed coefficient value h_1



(b) regressed coefficient value h_2

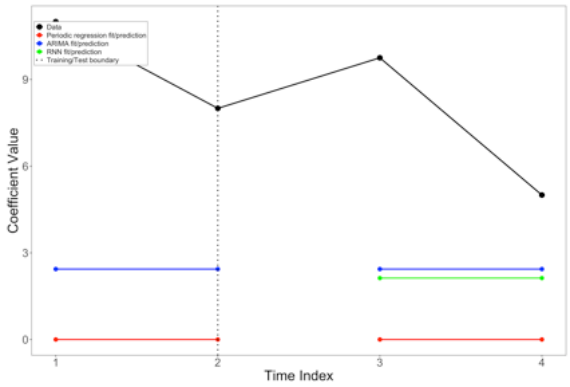


(c) regressed coefficient value h_3

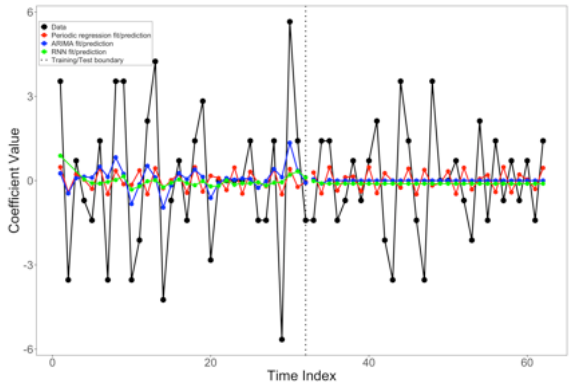


(d) regressed coefficient value h_4

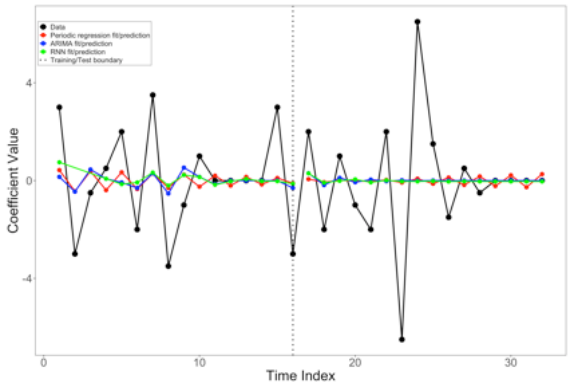
Fig .9: Regression result (50%, DS1, resolution level 3)



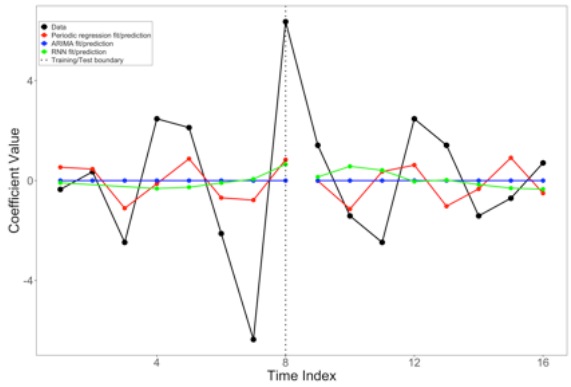
(a) regressed coefficient value h_1



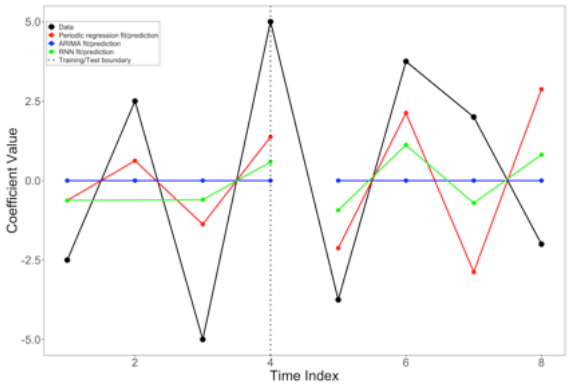
(b) regressed coefficient value h_2



(c) regressed coefficient value h_3

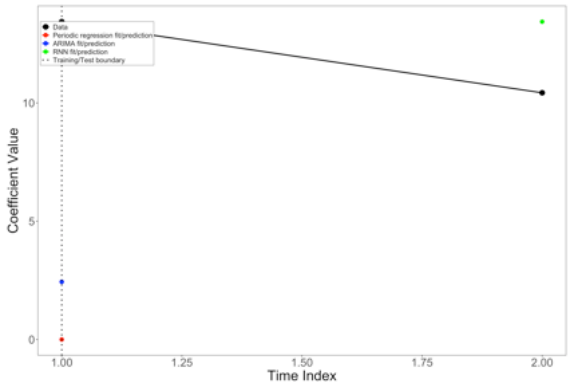


(d) regressed coefficient value h_4

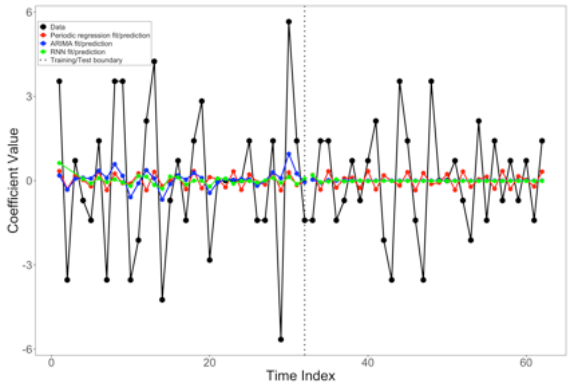


(e) regressed coefficient value h_5

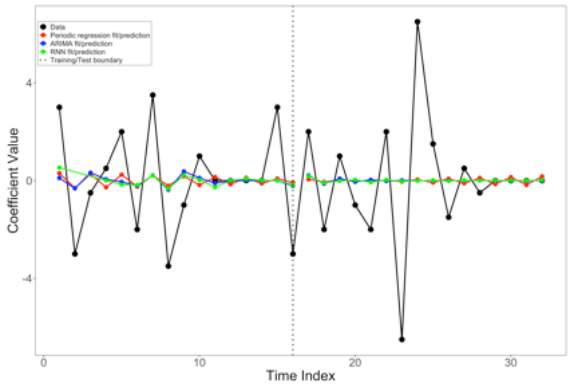
Fig .10: Regression result (50%, DS1, resolution level 4)



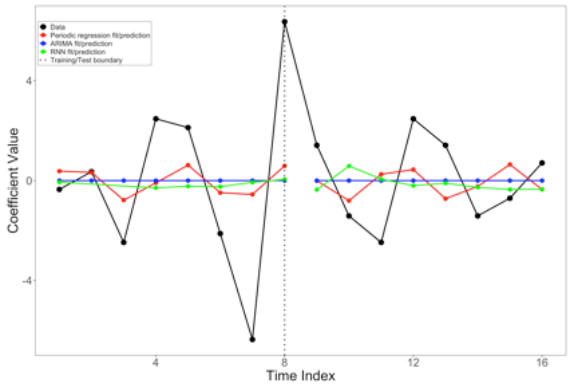
(a) regressed coefficient value h_1



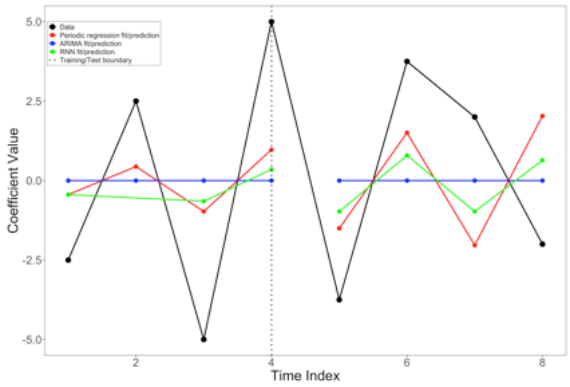
(b) regressed coefficient value h_2



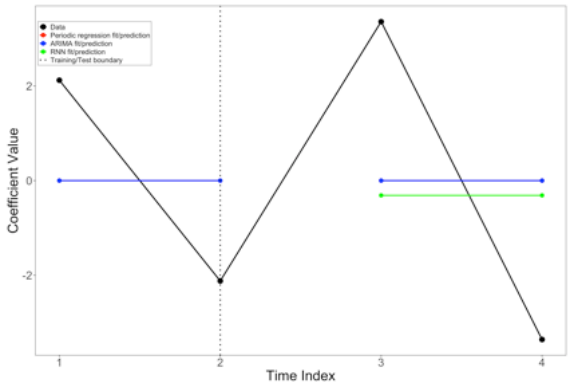
(c) regressed coefficient value h_3



(d) regressed coefficient value h_4

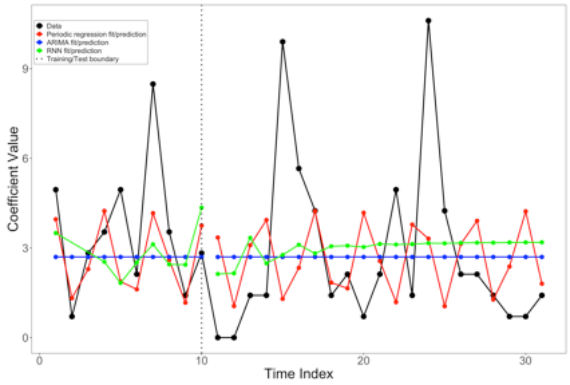


(e) regressed coefficient value h_5

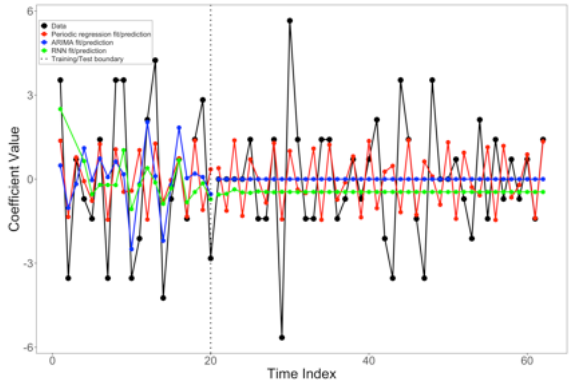


(f) regressed coefficient value h_6

Fig .11: Regression result (50%, DS1, resolution level 5)

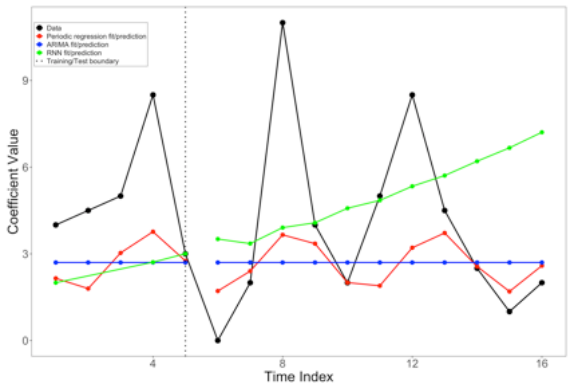


(a) regressed coefficient value h_1

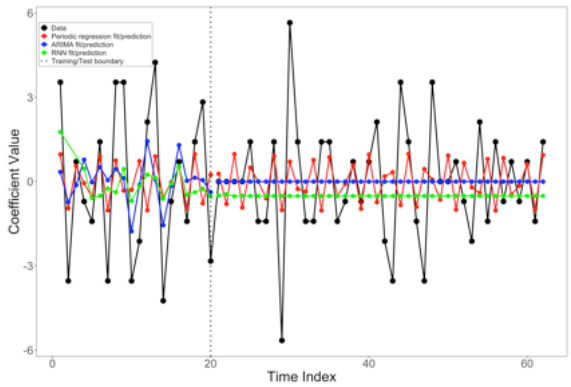


(b) regressed coefficient value h_2

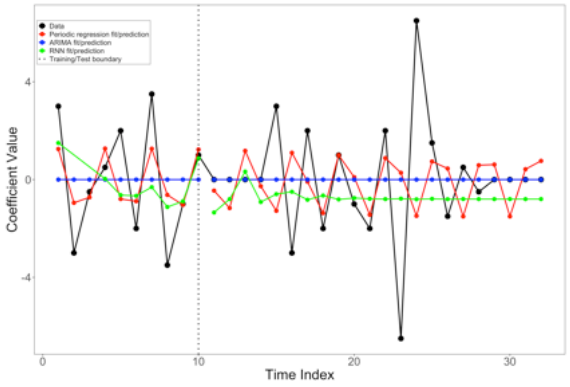
Fig .12: Regression result (30%, DS1, resolution level 1)



(a) regressed coefficient value h_1

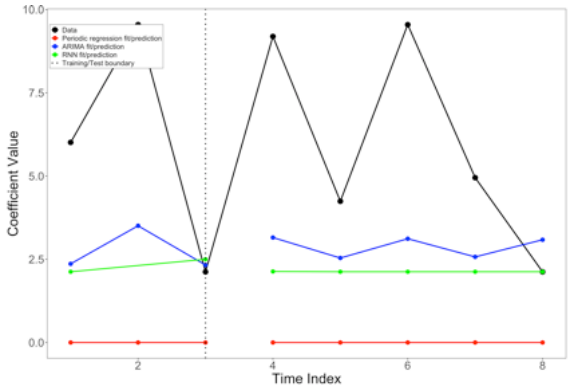


(b) regressed coefficient value h_2

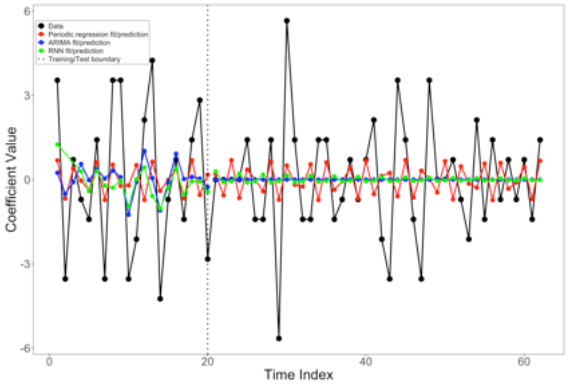


(c) regressed coefficient value h_3

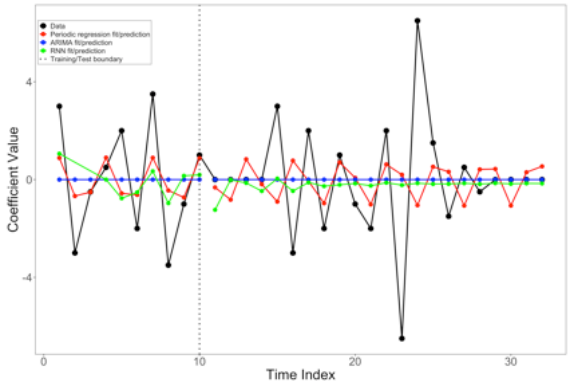
Fig .13: Regression result (30%, DS1, resolution level 2)



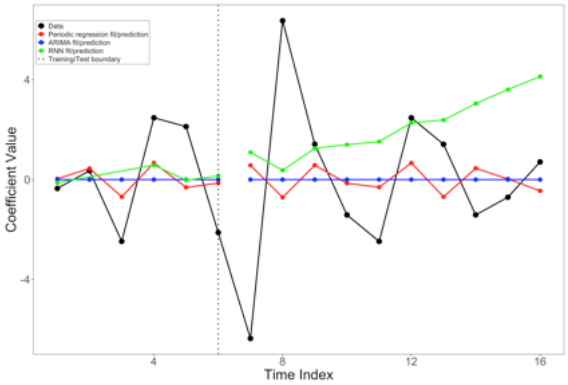
(a) regressed coefficient value h_1



(b) regressed coefficient value h_2

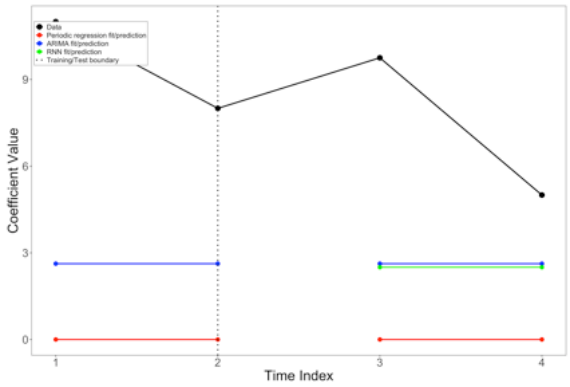


(c) regressed coefficient value h_3

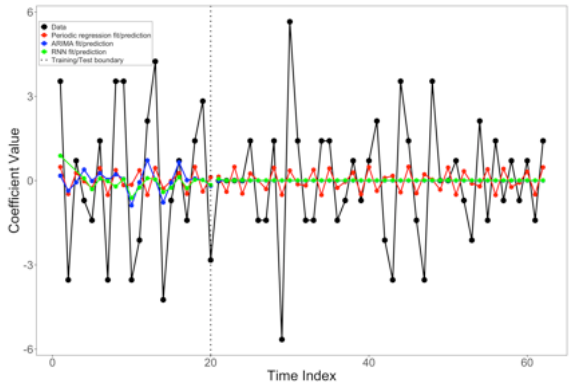


(d) regressed coefficient value h_4

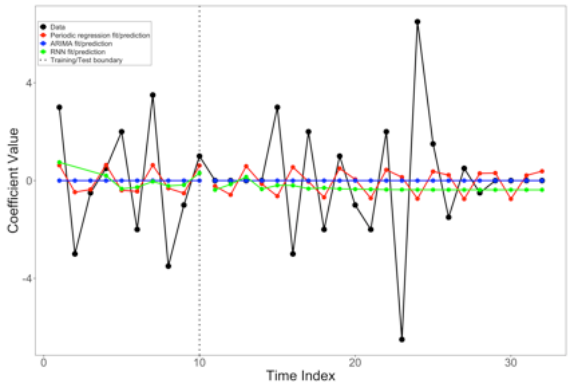
Fig .14: Regression result (30%, DS1, resolution level 3)



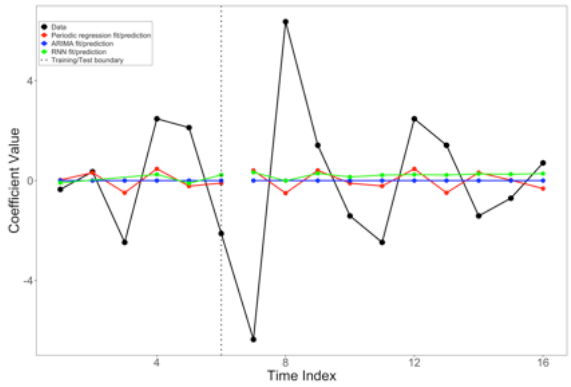
(a) regressed coefficient value h_1



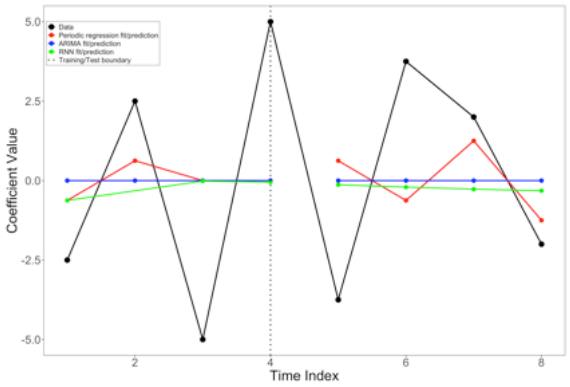
(b) regressed coefficient value h_2



(c) regressed coefficient value h_3

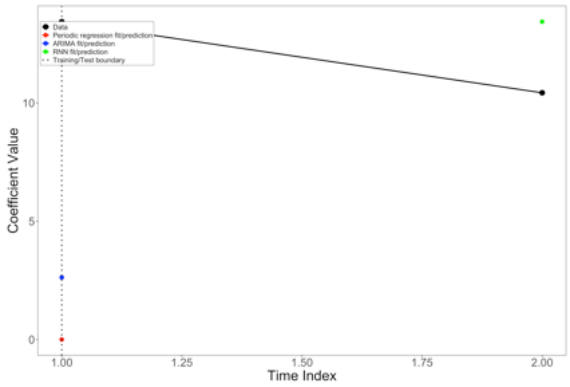


(d) regressed coefficient value h_4

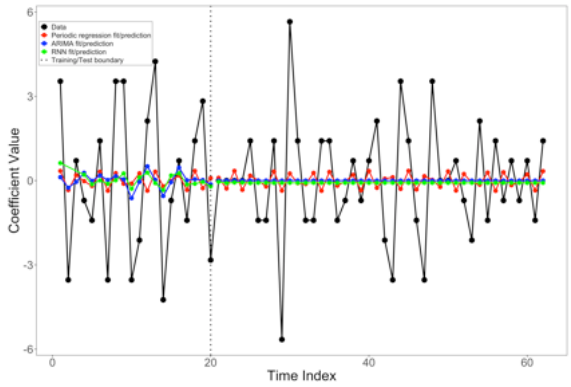


(e) regressed coefficient value h_5

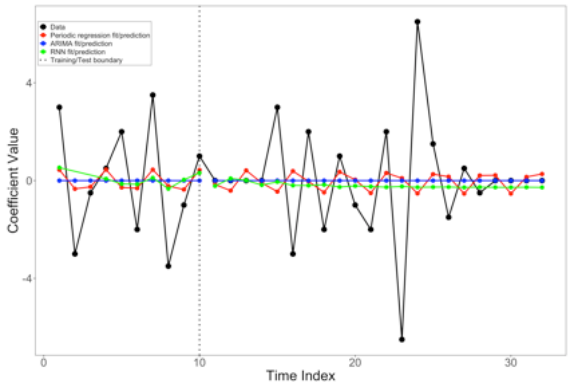
Fig .15: Regression result (30%, DS1, resolution level 4)



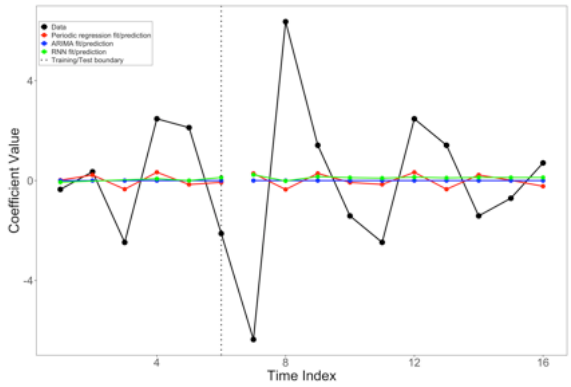
(a) regressed coefficient value h_1



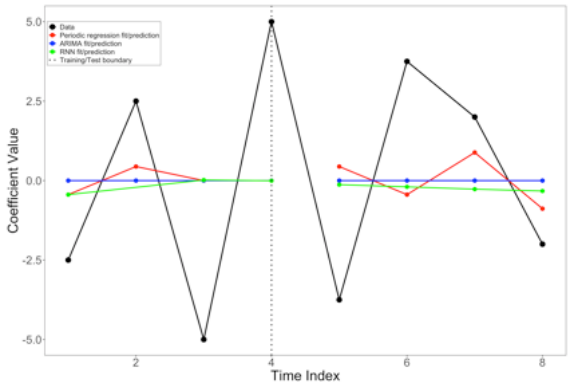
(b) regressed coefficient value h_2



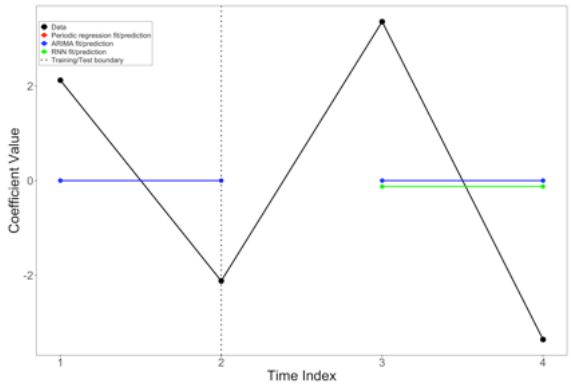
(c) regressed coefficient value h_3



(d) regressed coefficient value h_4



(e) regressed coefficient value h_5



(f) regressed coefficient value h_6

Fig .16: Regression result (30%, DS1, resolution level 5)