Break Down profile ATTM 0.214 intercept $mw_x_{mean_10} = 0.1709$ +0.069 $mw_y_mean_10 = 0.1646$ +0.066 M = 0.604-0.018-0.029 $max_std_y = 3.016$ ksstat chi2 = 0.9036-0.041 $dagostino_x = 3.102$ -0.026mean_gaussianity = 0.7071 -0.051+0.015 alpha = 0.9568-0.06 $max_std_change_y = 0.1312$ $max_std_change_x = 0.173$ -0.028 $vac_{ag_2} = -0.04626$ +0.007 $dagostino_y = 1.608$ -0.093alpha_n_1 = 1.211 +0.032 $vac_{lag_1} = -0.1982$ -0.014-0.033 $fractal_dimension = 4.301$ max_excursion_normalised = 0.1363 -0.023mean_squared_displacement_ratio = 0.005169 -0.016 + all other factors +0.083 prediction 0.055 **CTRW** 0.188 intercept $mw_x_{mean_10} = 0.1709$ -0.069 $mw_y_mean_10 = 0.1646$ -0.071M = 0.604+0 $max_std_y = 3.016$ +0.005 $ksstat_chi2 = 0.9036$ +0.036 $dagostino_x = 3.102$ -0.003mean_gaussianity = 0.7071 +0.007alpha = 0.9568+0 -0.009 $max_std_change_y = 0.1312$ $max_std_change_x = 0.173$ -0.011 $vac_{ag_2} = -0.04626$ -0.001 $dagostino_y = 1.608$ -0.021 $alpha_n_1 = 1.211$ +0.003 +0.001 $vac_{lag_1} = -0.1982$ -0.013fractal_dimension = 4.301 max_excursion_normalised = 0.1363 +0 +0 mean_squared_displacement_ratio = 0.005169 -0.041+ all other factors prediction 0 **FBM** 0.206 intercept $mw_x_mean_10 = 0.1709$ +0 $mw_y_mean_10 = 0.1646$ +0.002M = 0.604-0.023 $max_std_y = 3.016$ +0.042 $ksstat_chi2 = 0.9036$ -0.002 $dagostino_x = 3.102$ +0.036 mean_gaussianity = 0.7071 +0.022alpha = 0.9568-0.062 $max_std_change_y = 0.1312$ -0.013 $max_std_change_x = 0.173$ -0.002 $vac_{ag_2} = -0.04626$ +0.009 $dagostino_y = 1.608$ +0.055 $alpha_n_1 = 1.211$ +0.04 $vac_{lag_1} = -0.1982$ -0.021 $fractal_dimension = 4.301$ -0.001 max_excursion_normalised = 0.1363 -0.021-0.07mean_squared_displacement_ratio = 0.005169 + all other factors -0.1160.082 prediction LW 0.186 intercept $mw_x_mean_10 = 0.1709$ $mw_y_mean_10 = 0.1646$ +0 M = 0.604+0.001 $max_std_y = 3.016$ -0.043 $ksstat_chi2 = 0.9036$ +0.001 $dagostino_x = 3.102$ -0.039mean_gaussianity = 0.7071 -0.003alpha = 0.9568+0.004 $max_std_change_y = 0.1312$ +0.001 $max_std_change_x = 0.173$ -0.005 $vac_{lag_{2}} = -0.04626$ -0.043 $dagostino_y = 1.608$ -0.02 $alpha_n_1 = 1.211$ -0.001 $vac_{lag_1} = -0.1982$ +0.01 fractal_dimension = 4.301 -0.017max_excursion_normalised = 0.1363 +0.001 mean_squared_displacement_ratio = 0.005169 -0.004-0.029+ all other factors prediction 0 **SBM** 0.206 intercept $mw_x_mean_10 = 0.1709$ +0 $mw_y_mean_10 = 0.1646$ +0.002M = 0.604+0.04 $max_std_y = 3.016$ +0.025 $ksstat_chi2 = 0.9036$ +0.007 $dagostino_x = 3.102$ +0.031 mean_gaussianity = 0.7071 +0.024alpha = 0.9568+0.042 $max_std_change_y = 0.1312$ +0.081 $max_std_change_x = 0.173$ +0.046 $vac_{lag_2} = -0.04626$ +0.028 $dagostino_y = 1.608$ +0.079 $alpha_n_1 = 1.211$ -0.074 $vac_{lag_1} = -0.1982$ +0.024+0.064 $fractal_dimension = 4.301$ max_excursion_normalised = 0.1363 +0.044mean_squared_displacement_ratio = 0.005169 +0.09+ all other factors +0.102prediction 0.862 0.00 0.25 0.50 0.75 1.00

dma_lag_2

4000

5000

6000

7000

3000

0.005

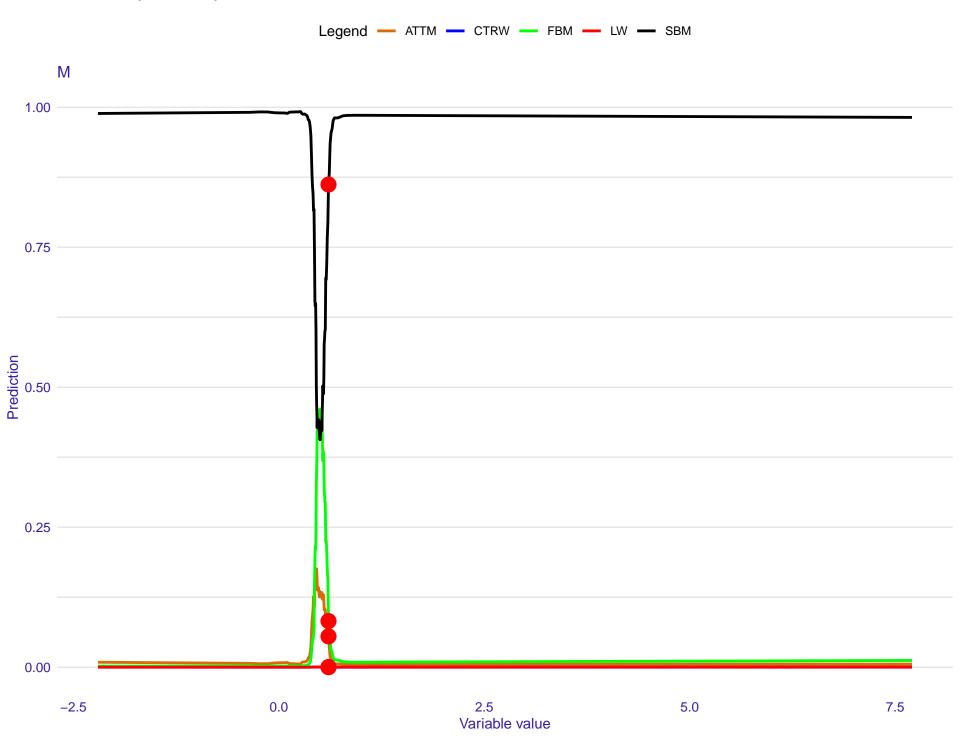
0

1000

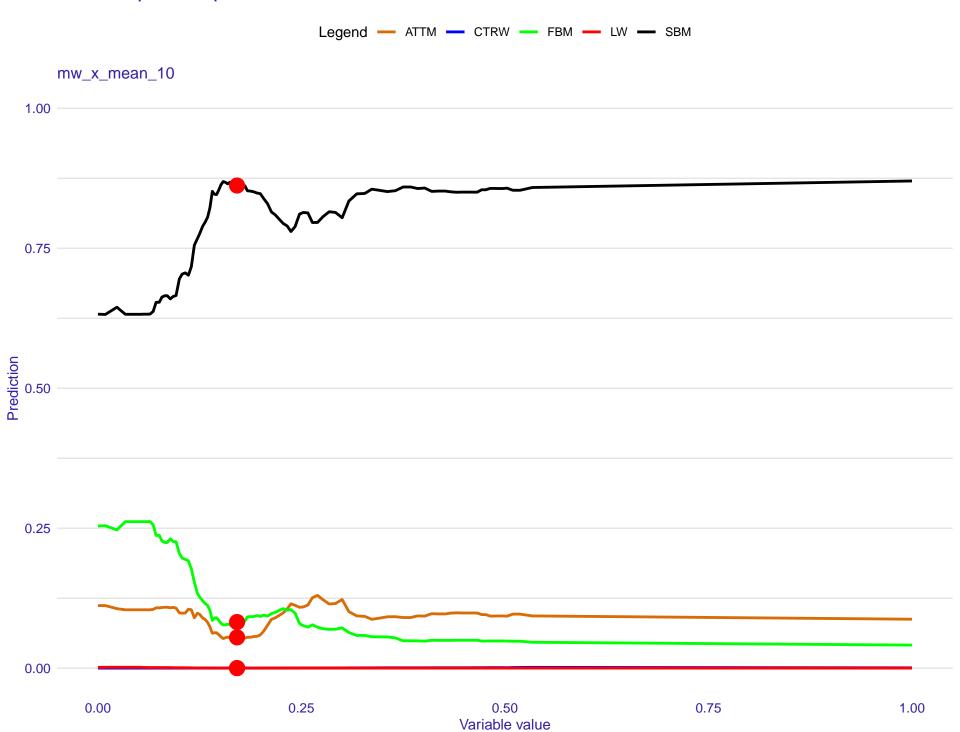
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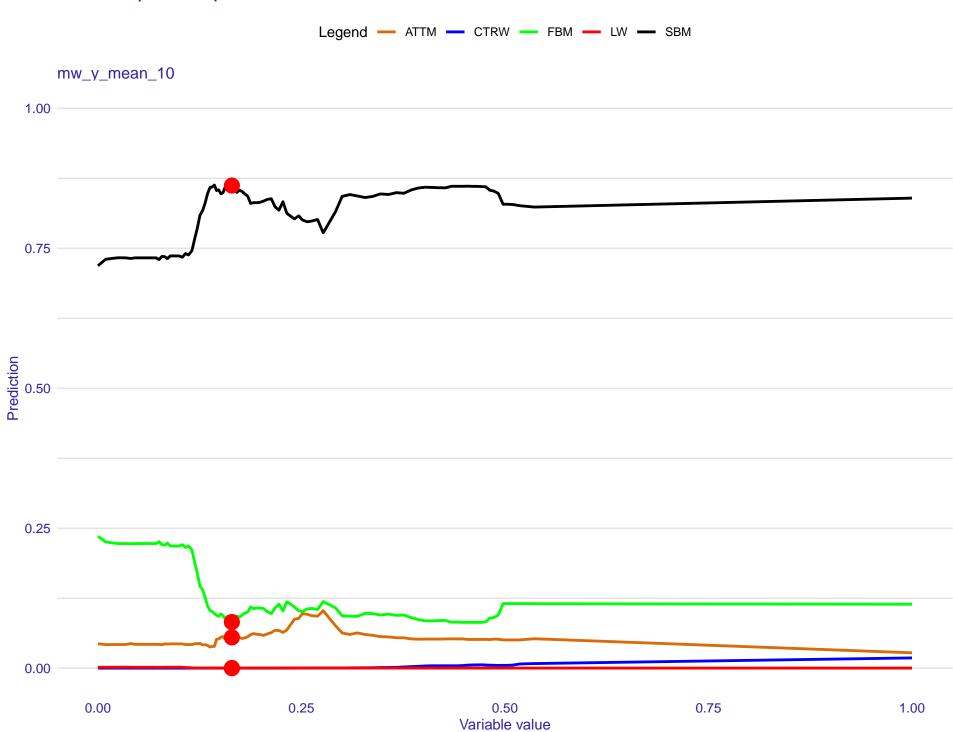
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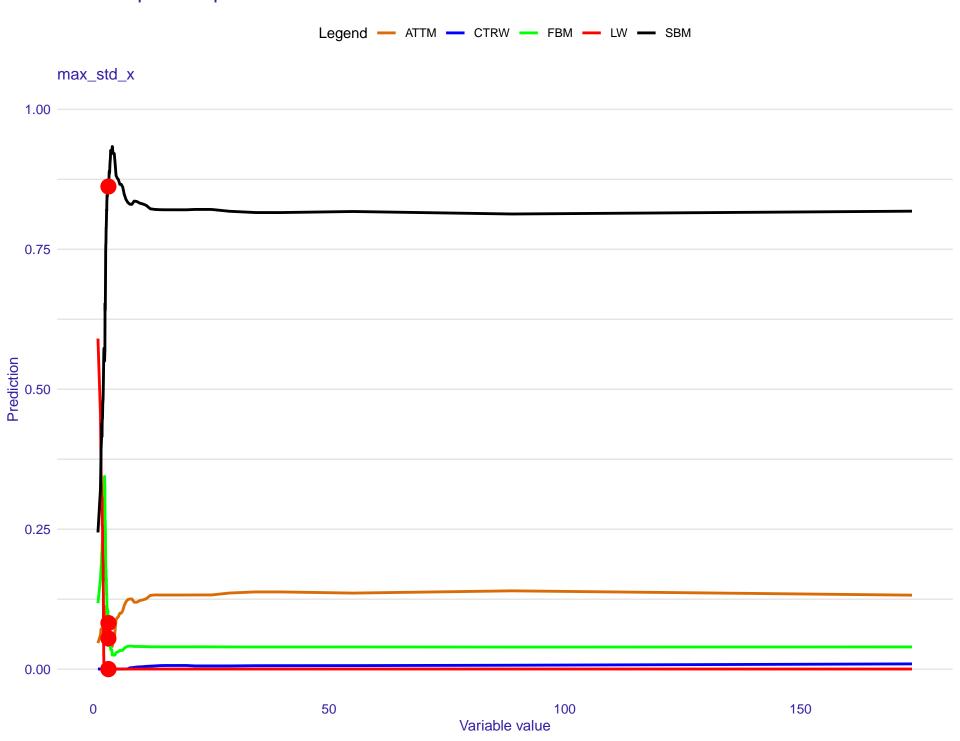
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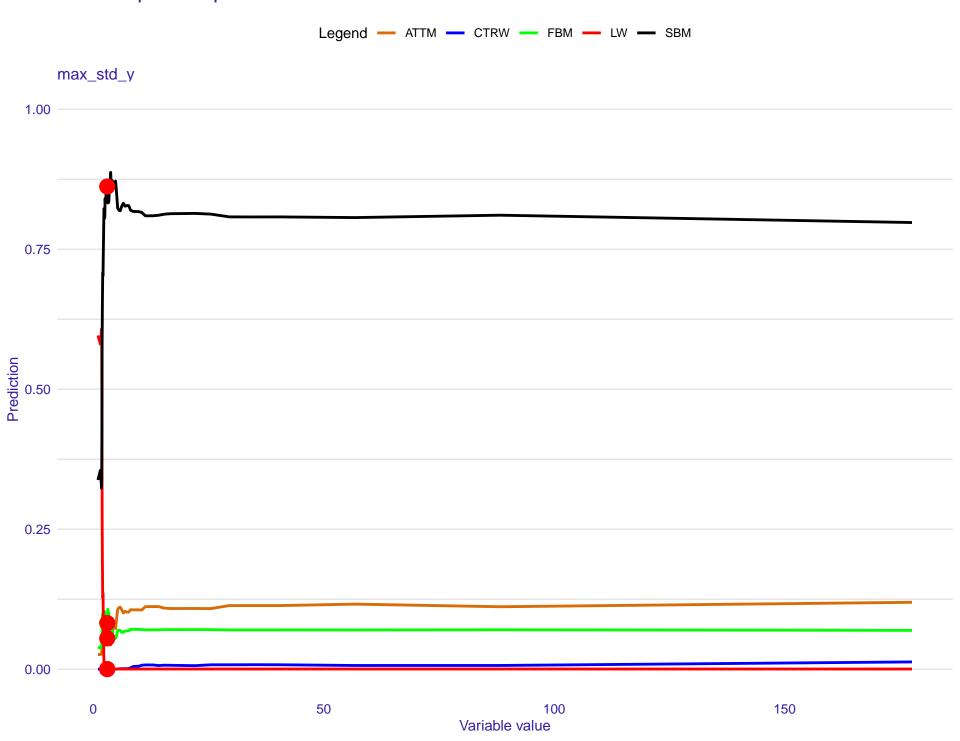


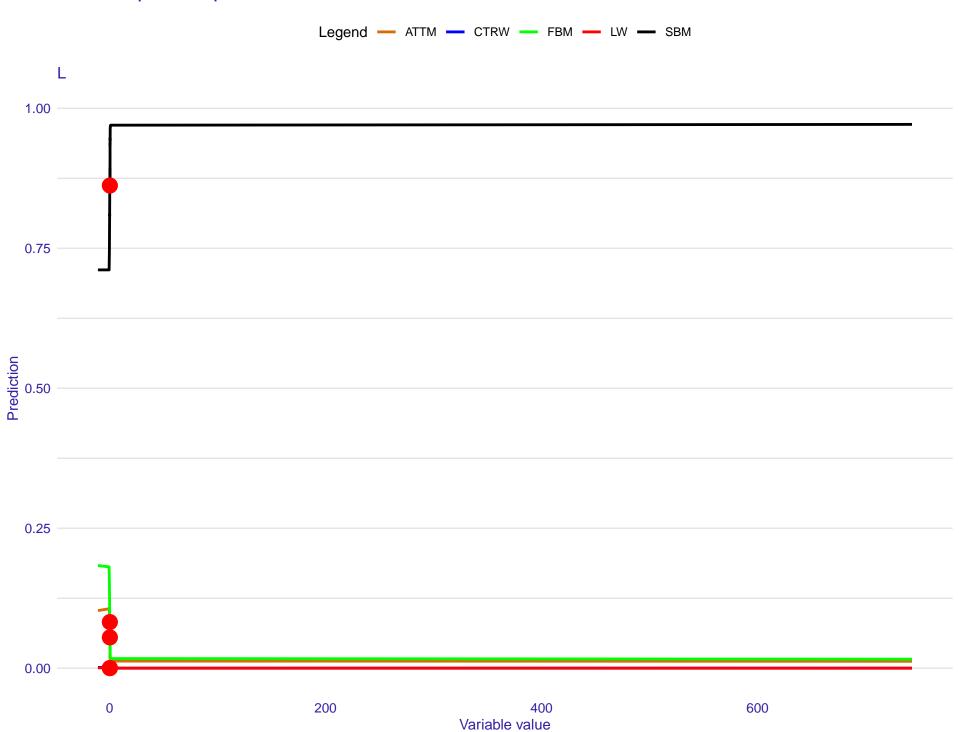


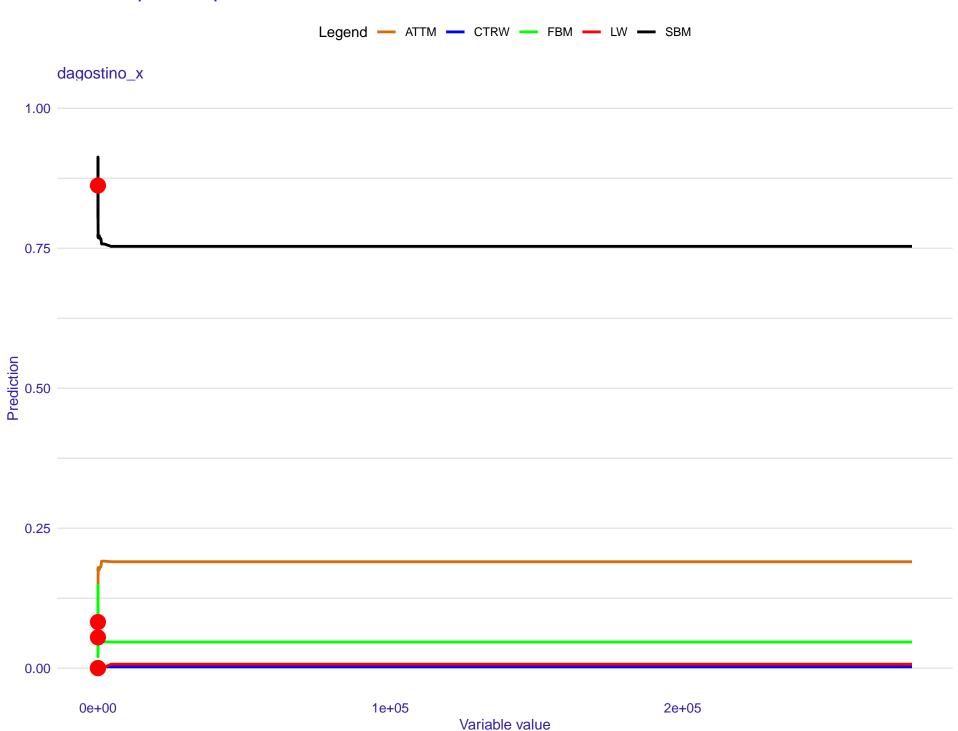


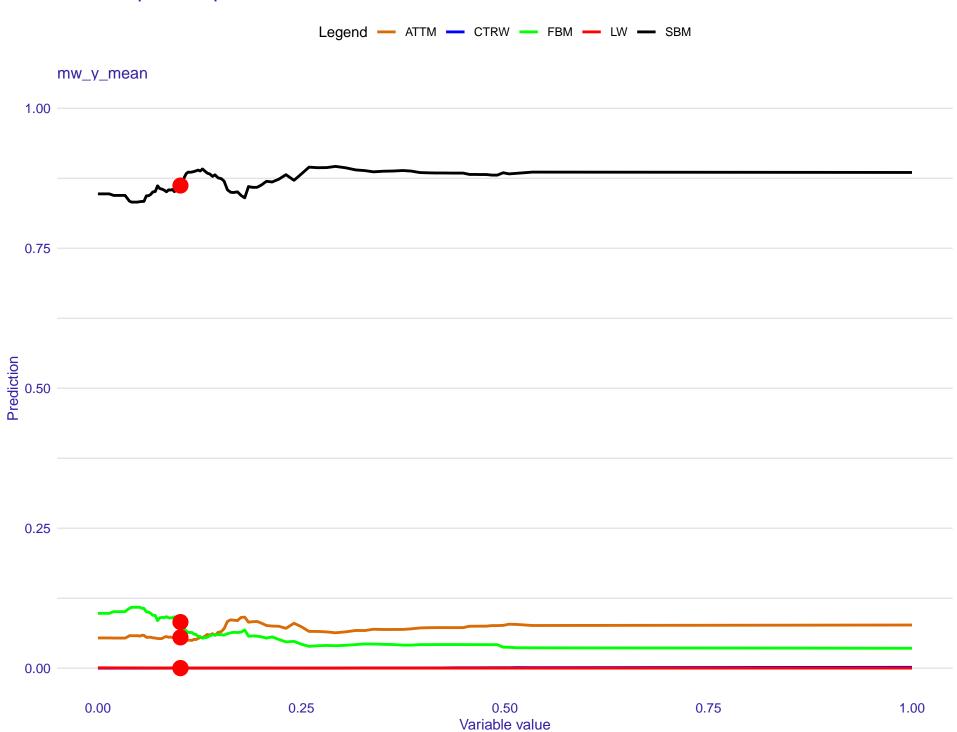


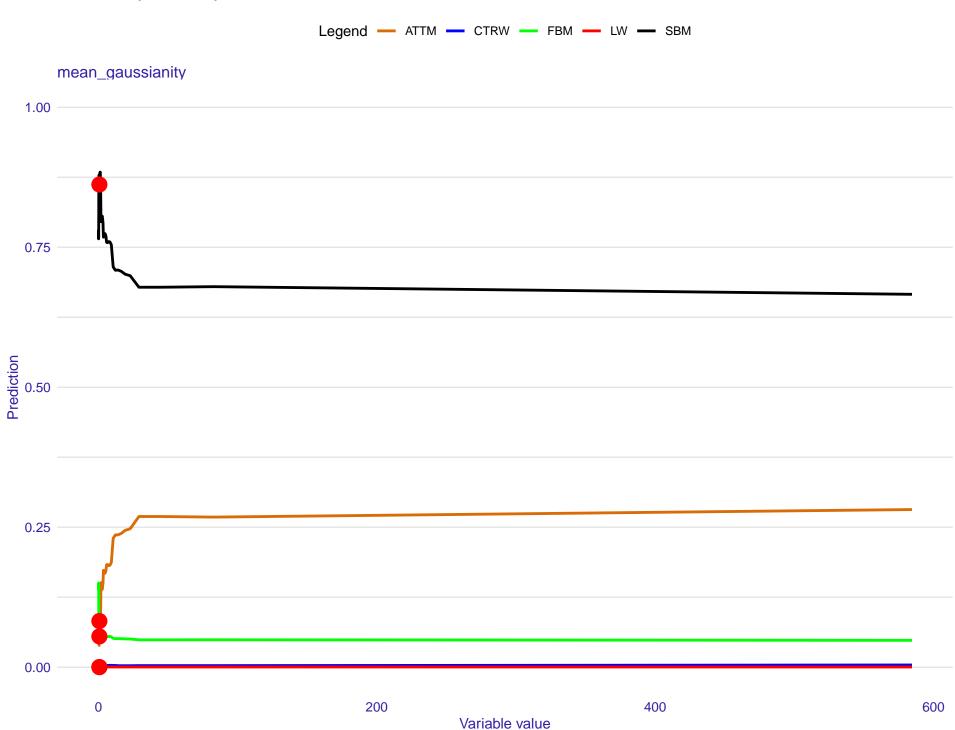


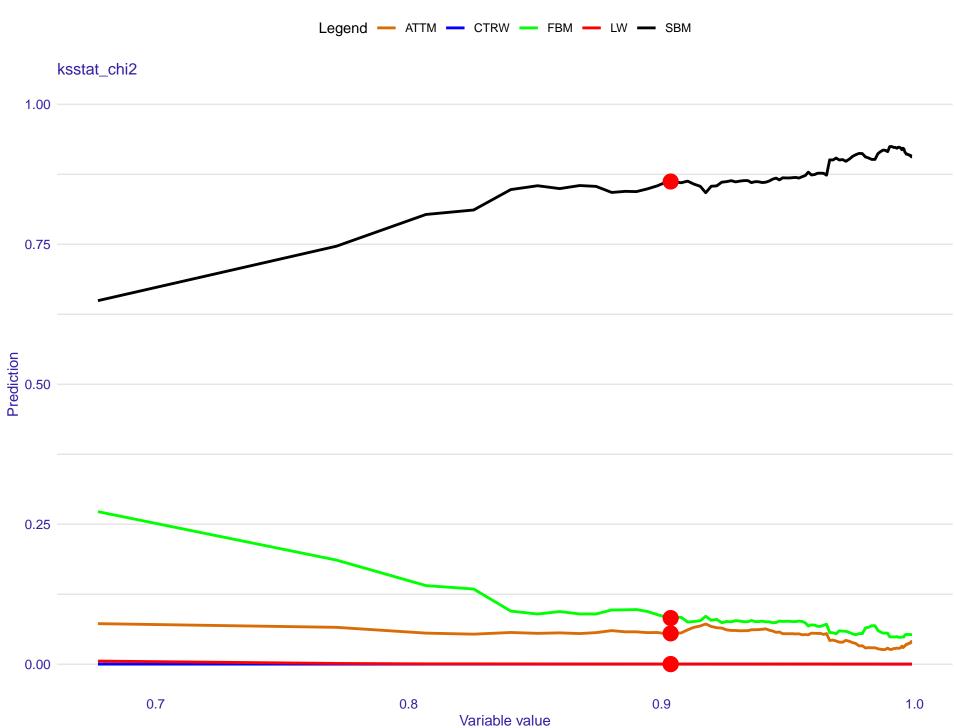


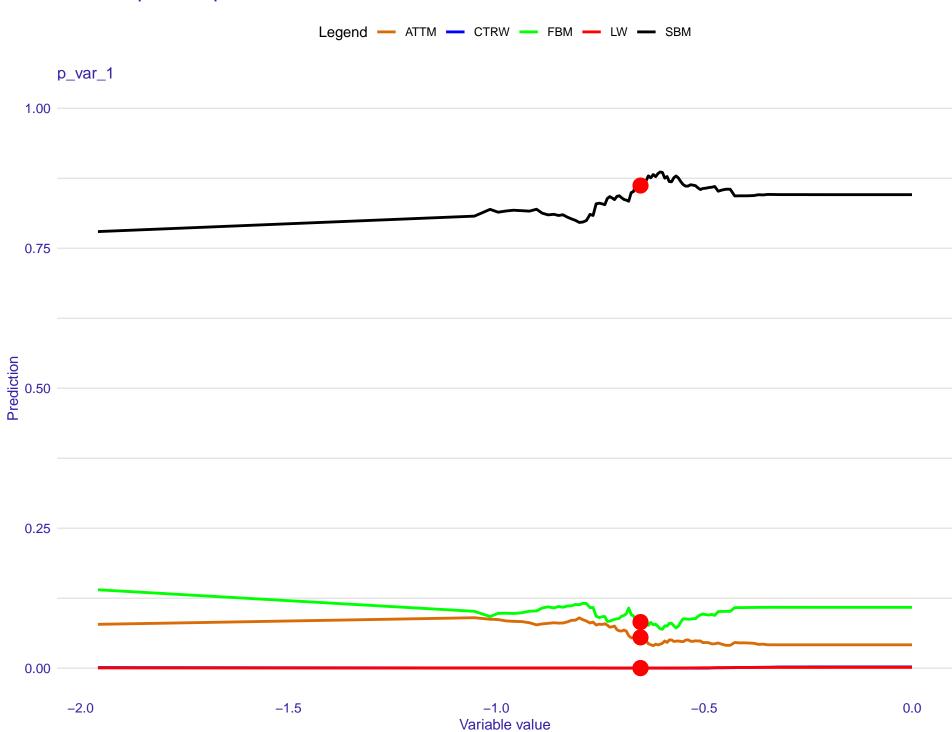












Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model - ATTM - CTRW - FBM - LW - SBM M 0.30 0.25 0.20 0.15

2.5

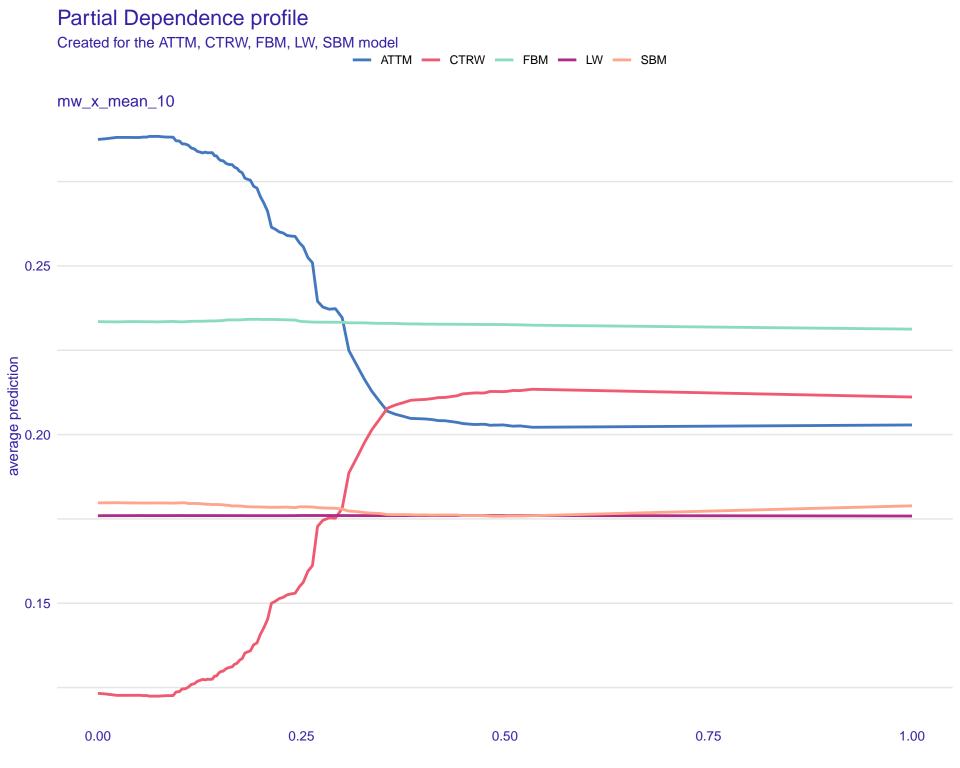
5.0

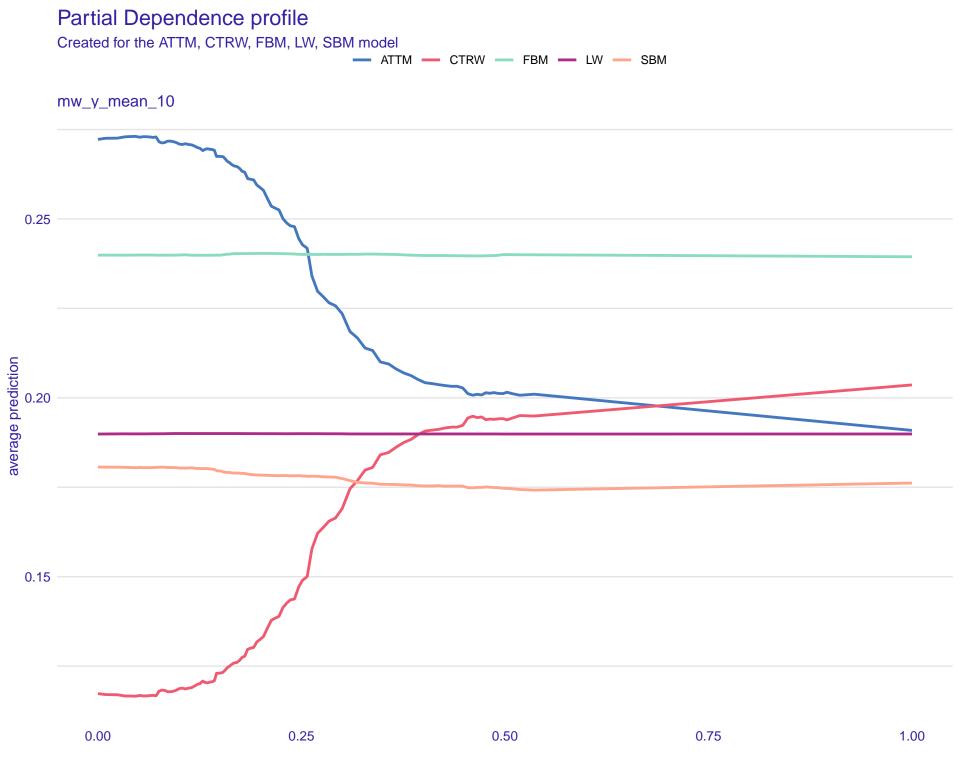
7.5

average prediction

-2.5

0.0





Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model - ATTM - CTRW - FBM - LW - SBM max_std_x 0.24 0.22 average prediction 0.0 0.0 0.18

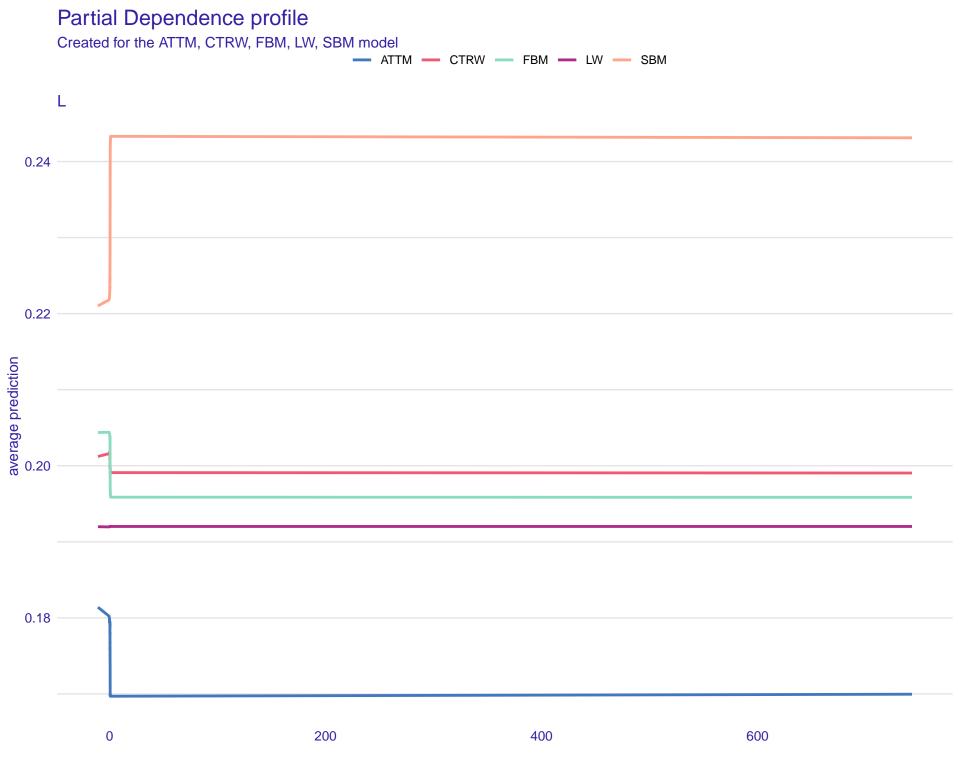
Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model - ATTM - CTRW - FBM - LW - SBM max_std_y 0.26 0.24 0.20 0.18

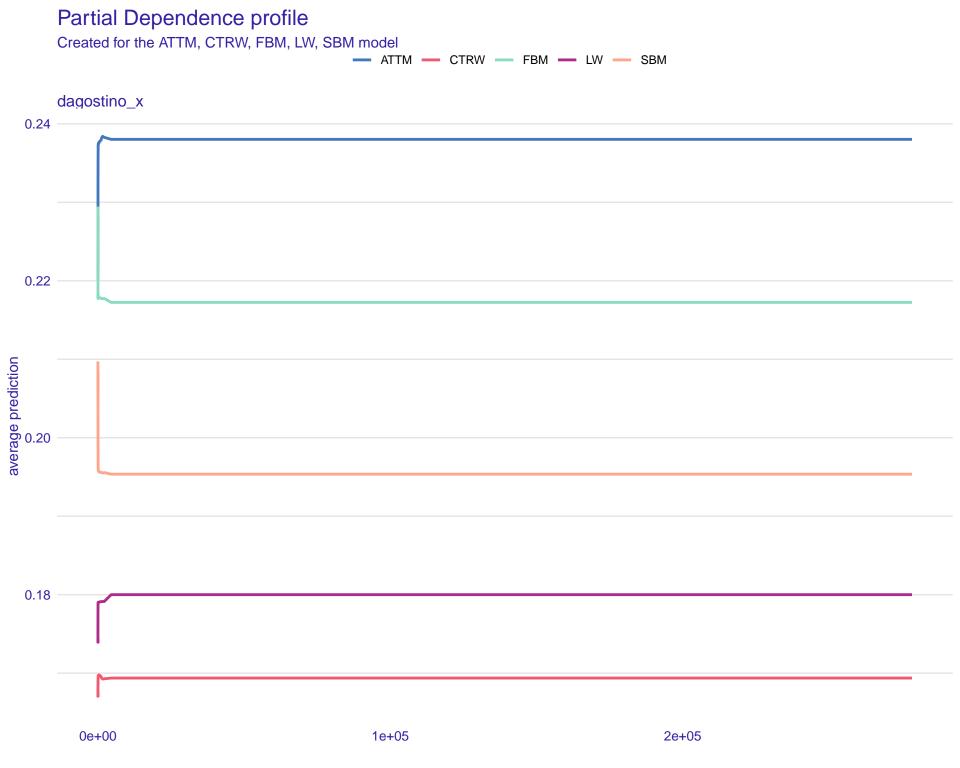
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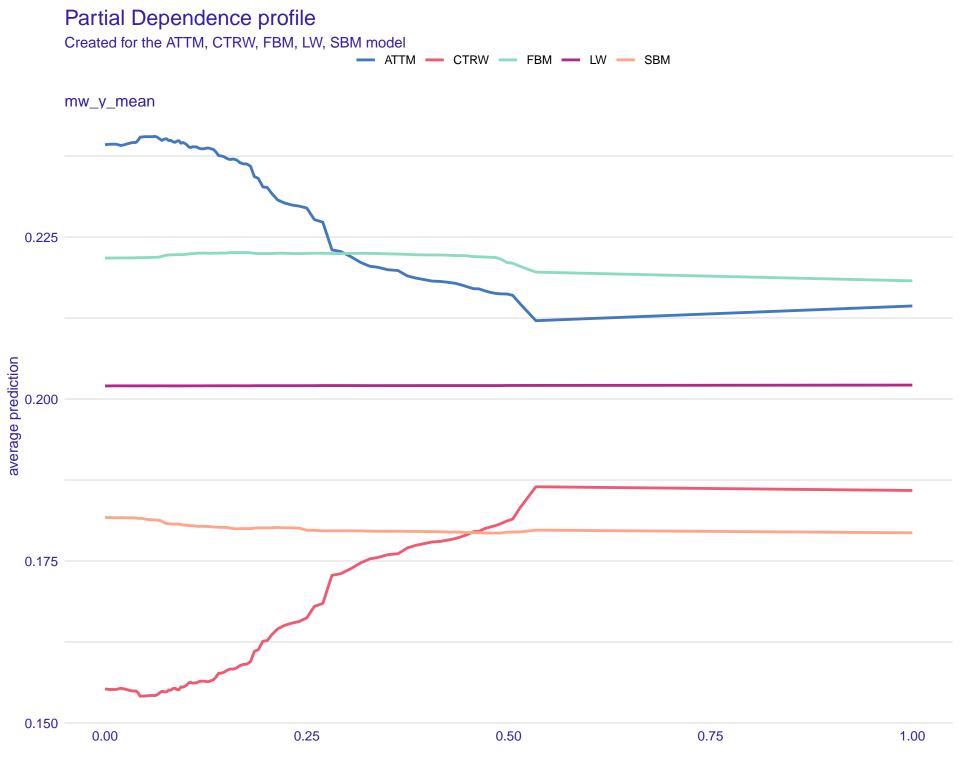
150

0

50

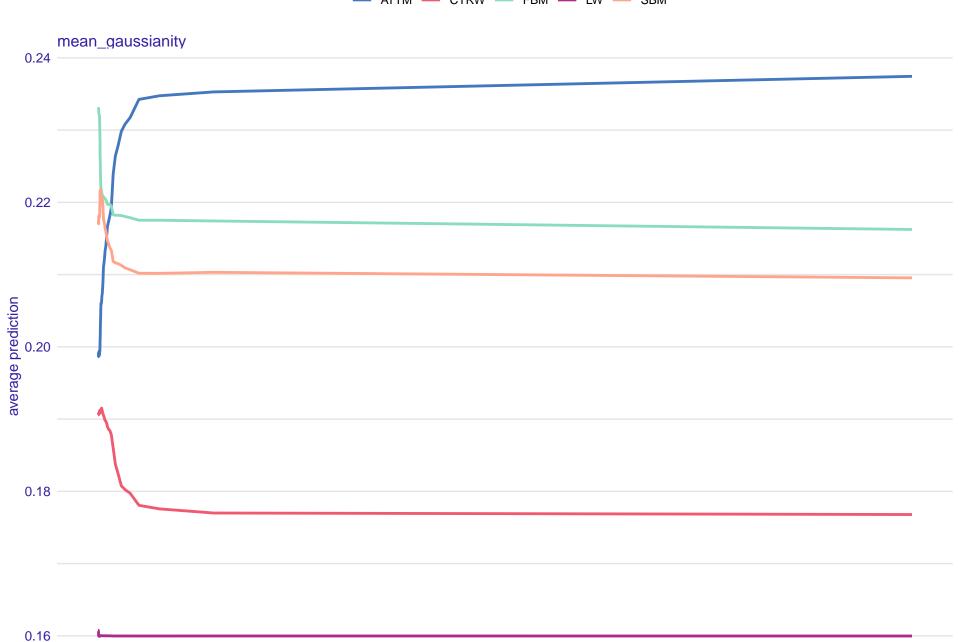






Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model





0 200 400 600

