Break Down profile **ATTM** 0.182 intercept $mw_x_mean_10 = 0.1829$ +0.073 $mw_y_mean_10 = 0.2279$ +0.078M = 0.3185+0.005 $max_std_y = 4.252$ +0.036 $mw_y_mean = 0.1449$ +0.037 $dagostino_x = 24.6$ +0.107+0.049 $dagostino_y = 15.99$ $p_var_1 = -0.6303$ +0.089 $ksstat_chi2 = 0.9933$ -0.126-0.085 $max_std_change_x = 0.2853$ $vac_{ag_2} = 0.01432$ -0.031fractal_dimension = 4.094 -0.045mean_squared_displacement_ratio = 0.01437 -0.061 +0.109 J = 0.33 $p_var_4 = 0.5988$ +0.059 -0.067D = 0.2494-0.057 $dma_lag_1 = 88.53$ + all other factors +0.081 0.434 prediction **CTRW** 0.216 intercept -0.073 $mw_x_mean_10 = 0.1829$ -0.079 $mw_y_mean_10 = 0.2279$ -0.006M = 0.3185+0.007 $max_std_y = 4.252$ -0.033 $mw_y_mean = 0.1449$ +0.002 $dagostino_x = 24.6$ $dagostino_y = 15.99$ +0.001 $p_var_1 = -0.6303$ -0.018-0.008 $ksstat_chi2 = 0.9933$ $max_std_change_x = 0.2853$ +0 $vac_{ag_2} = 0.01432$ +0 fractal_dimension = 4.094 -0.005mean_squared_displacement_ratio = 0.01437 +0 J = 0.33+0 $p_var_4 = 0.5988$ +0 +0 D = 0.2494 $dma_lag_1 = 88.53$ +0 -0.003+ all other factors 0 prediction **FBM** 0.21 intercept $mw_x_mean_10 = 0.1829$ +0 $mw_y_mean_10 = 0.2279$ +0.001 -0.058M = 0.3185 $max_std_y = 4.252$ +0.043-0.026 $mw_y_mean = 0.1449$ -0.039 $dagostino_x = 24.6$ -0.02 $dagostino_y = 15.99$ -0.025 $p_var_1 = -0.6303$ $ksstat_chi2 = 0.9933$ -0.001 $max_std_change_x = 0.2853$ -0.005 $vac_{lag_2} = 0.01432$ -0.009-0.008 $fractal_dimension = 4.094$ mean_squared_displacement_ratio = 0.01437 -0.003 J = 0.33+0 $p_var_4 = 0.5988$ +0 D = 0.2494+0 +0 $dma_lag_1 = 88.53$ + all other factors -0.059prediction 0 LW 0.2 intercept $mw_x_mean_10 = 0.1829$ $mw_y_mean_10 = 0.2279$ +0 M = 0.3185+0.002 $max_std_y = 4.252$ -0.09+0.012 $mw_y_mean = 0.1449$ $dagostino_x = 24.6$ +0.006 $dagostino_y = 15.99$ +0.005 $p_var_1 = -0.6303$ -0.043 $ksstat_chi2 = 0.9933$ +0.002 $max_std_change_x = 0.2853$ -0.031 $vac_lag_2 = 0.01432$ -0.019fractal_dimension = 4.094 -0.013-0.002mean_squared_displacement_ratio = 0.01437 J = 0.33+0 $p_var_4 = 0.5988$ +0 D = 0.2494+0 $dma_lag_1 = 88.53$ +0 -0.029+ all other factors 0 prediction **SBM** intercept 0.192 $mw_x_mean_10 = 0.1829$ +0 $mw_y_mean_10 = 0.2279$ +0 M = 0.3185+0.058 $max_std_y = 4.252$ +0.004 $mw_y_mean = 0.1449$ +0.011 $dagostino_x = 24.6$ -0.077-0.036 $dagostino_y = 15.99$ $p_var_1 = -0.6303$ $\div 0.003$ $ksstat_chi2 = 0.9933$ +0.133 $max_std_change_x = 0.2853$ +0.12 $vac_{lag_2} = 0.01432$ +0.059fractal_dimension = 4.094 +0.071mean_squared_displacement_ratio = 0.01437 +0.067J = 0.33-0.109 $p_var_4 = 0.5988$ -0.058D = 0.2494+0.067 $dma_lag_1 = 88.53$ +0.057+ all other factors +0.011

prediction

0.0

0.2

0.4

0.566

8.0

0.6

1000

1000

0.005

0

0

2000

2000

3000

3000

dma_lag_2

4000

4000

5000

5000

6000

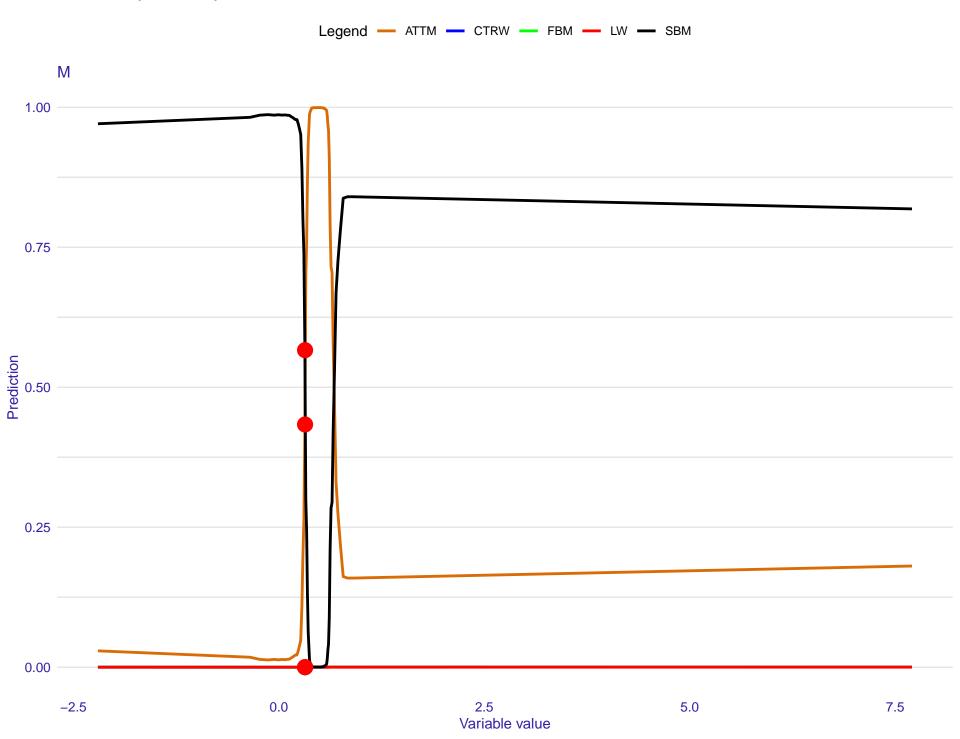
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7000

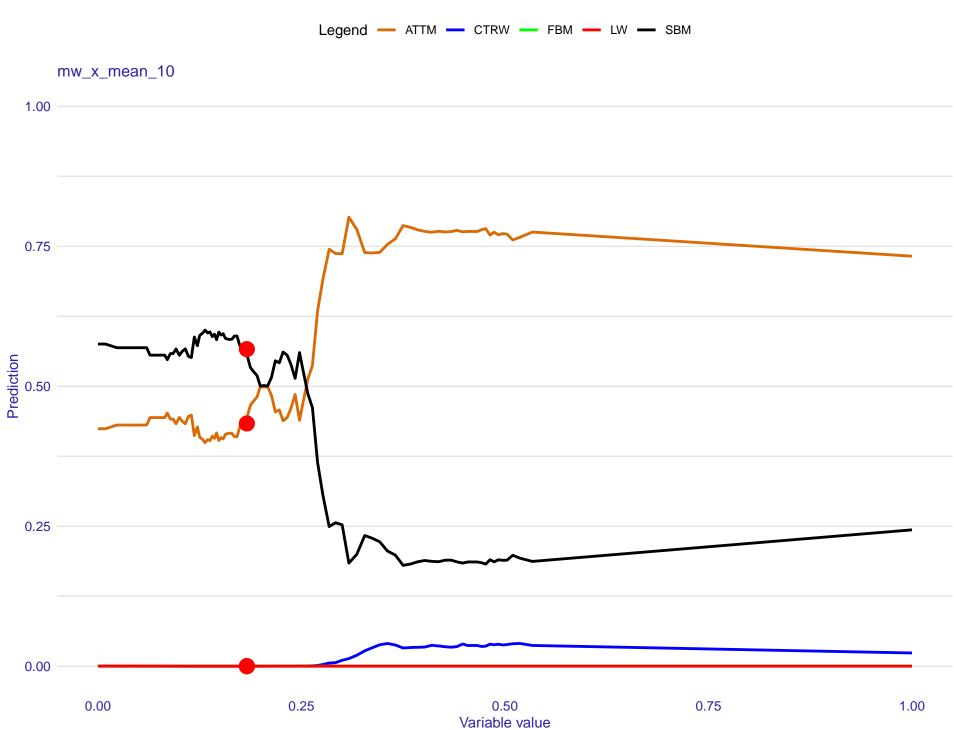
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ATTM

SBM

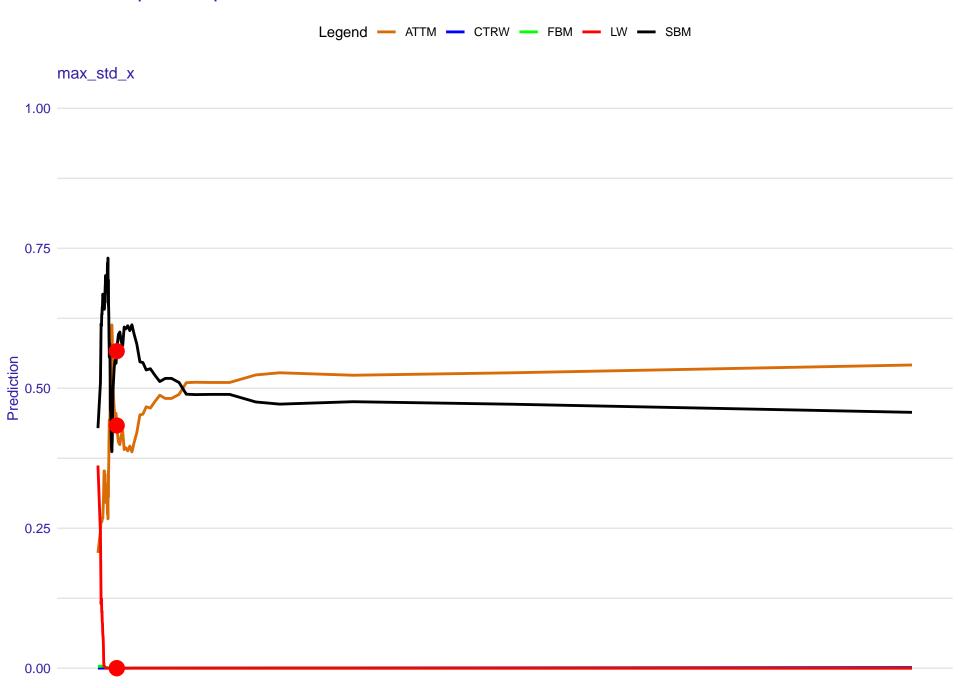




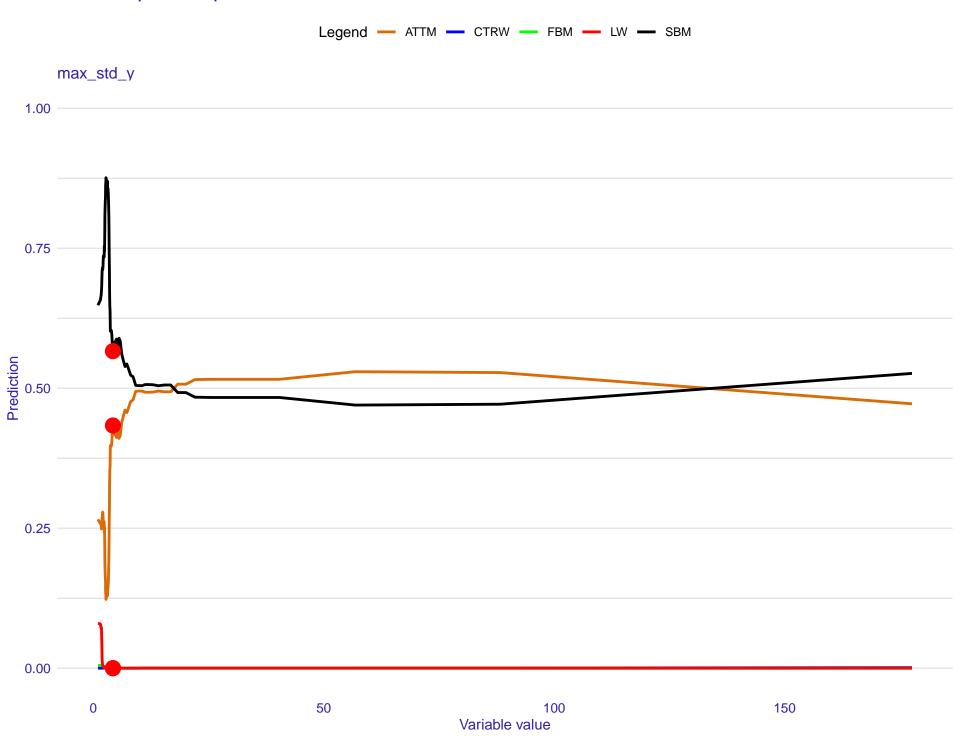


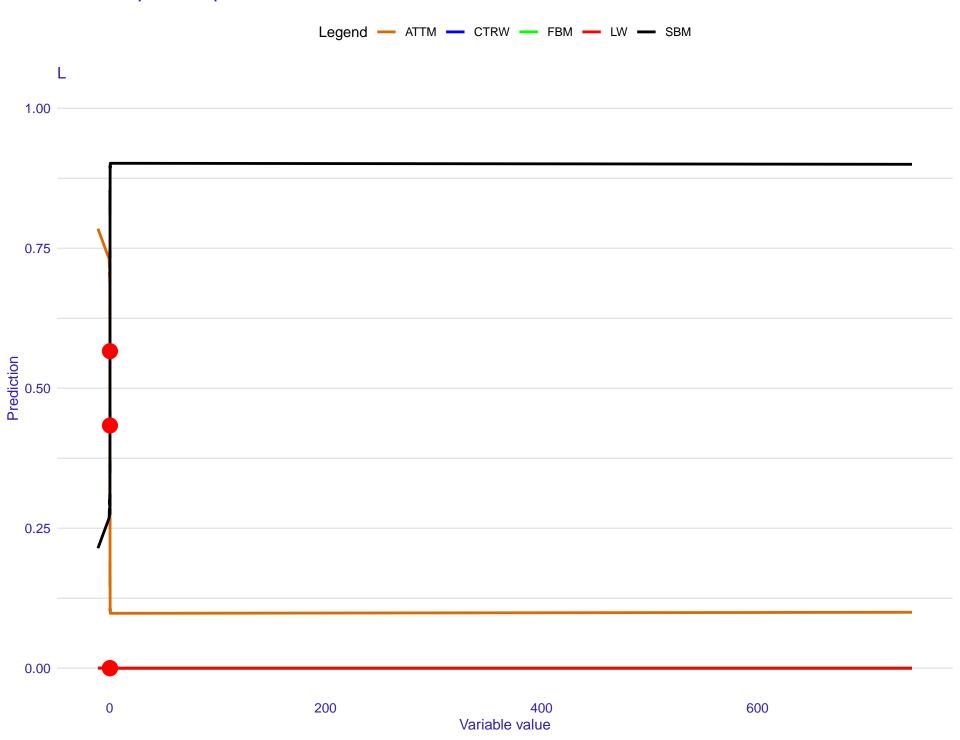


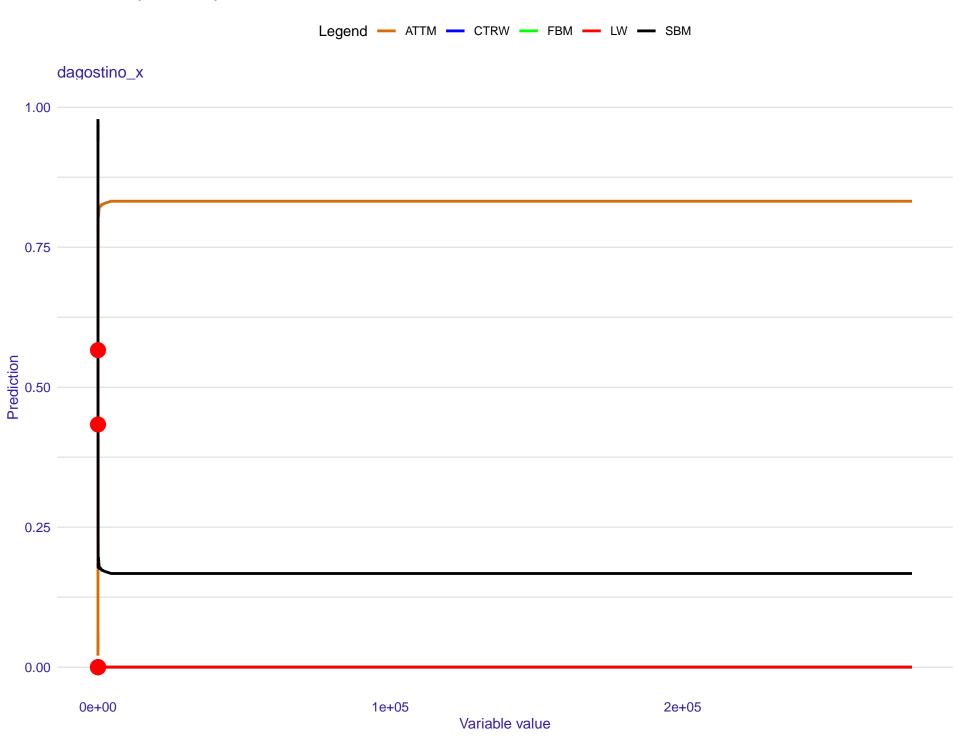




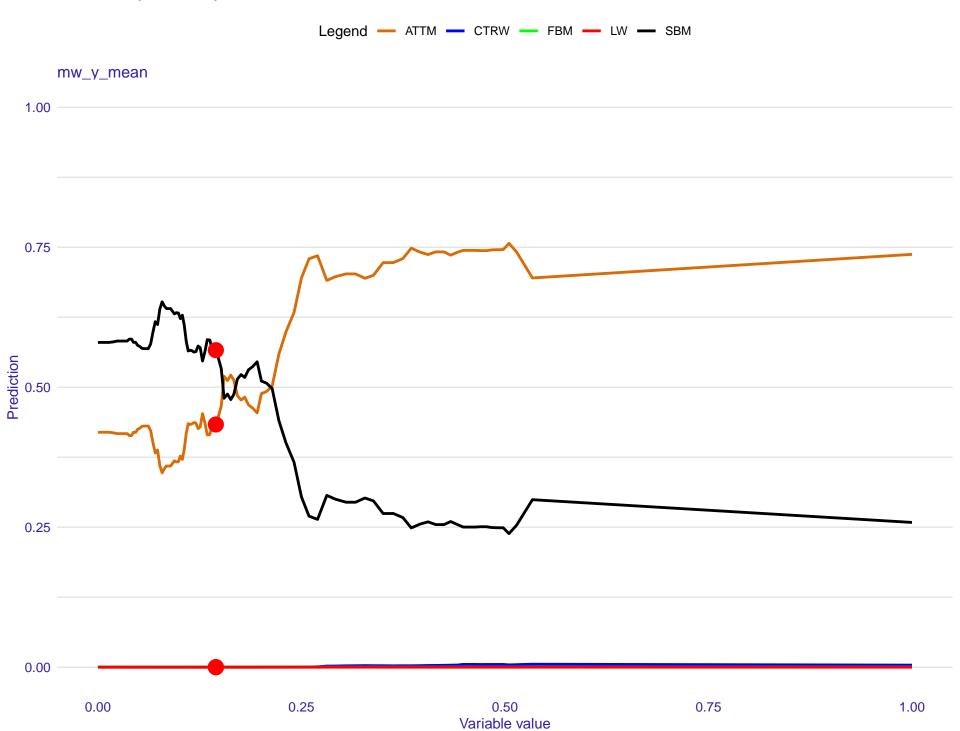
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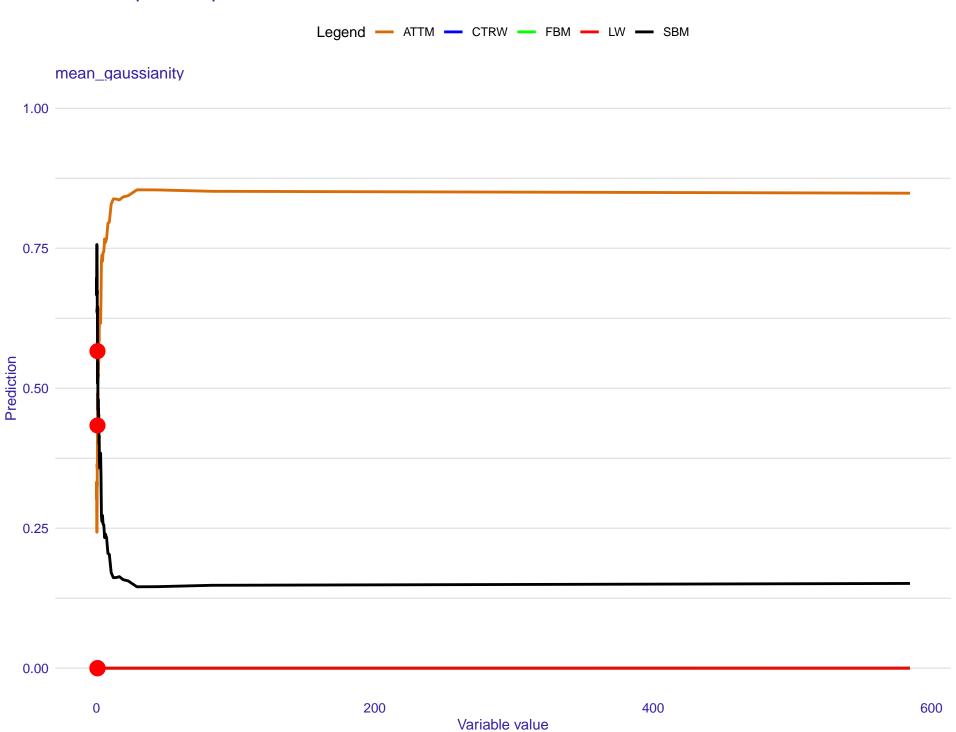


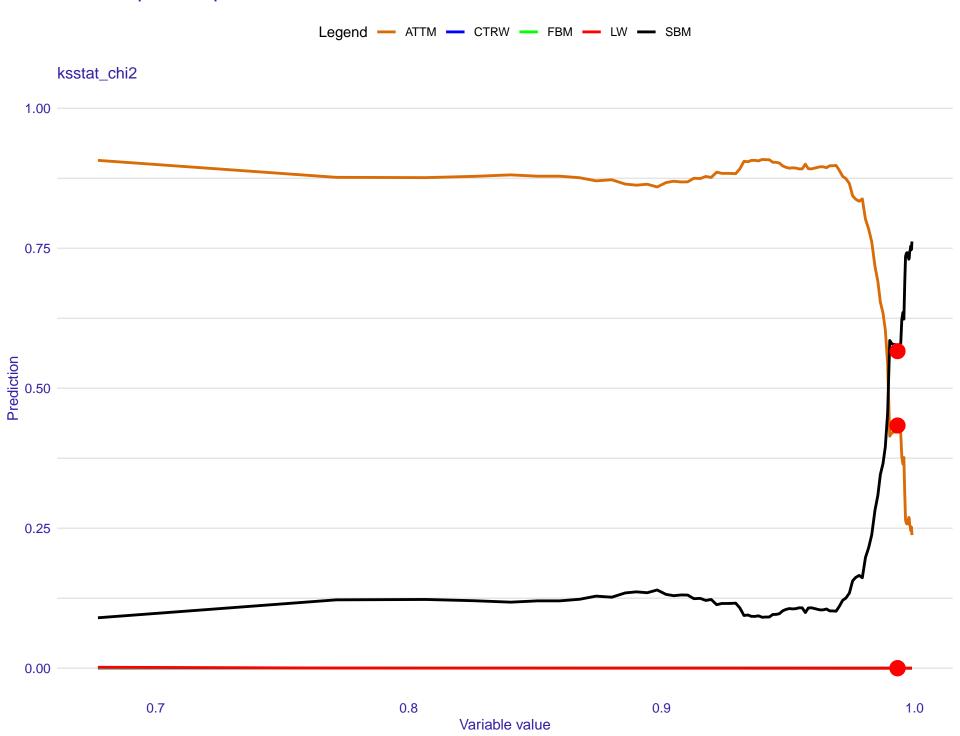


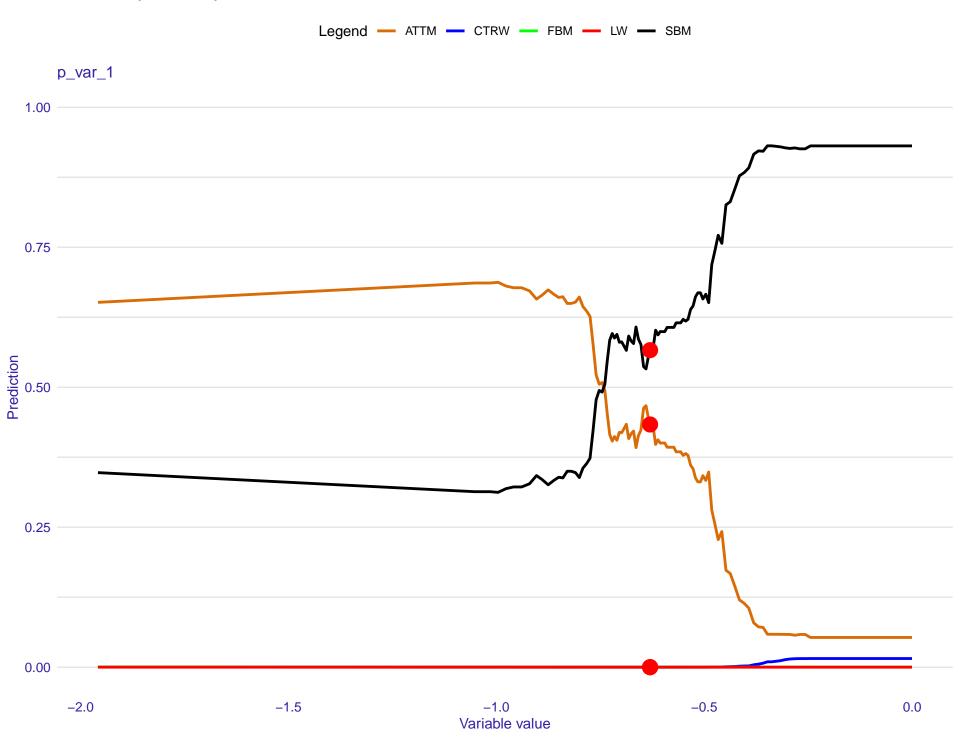












Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model - ATTM - CTRW - FBM - LW - SBM M 0.30 0.25 0.20 0.15

2.5

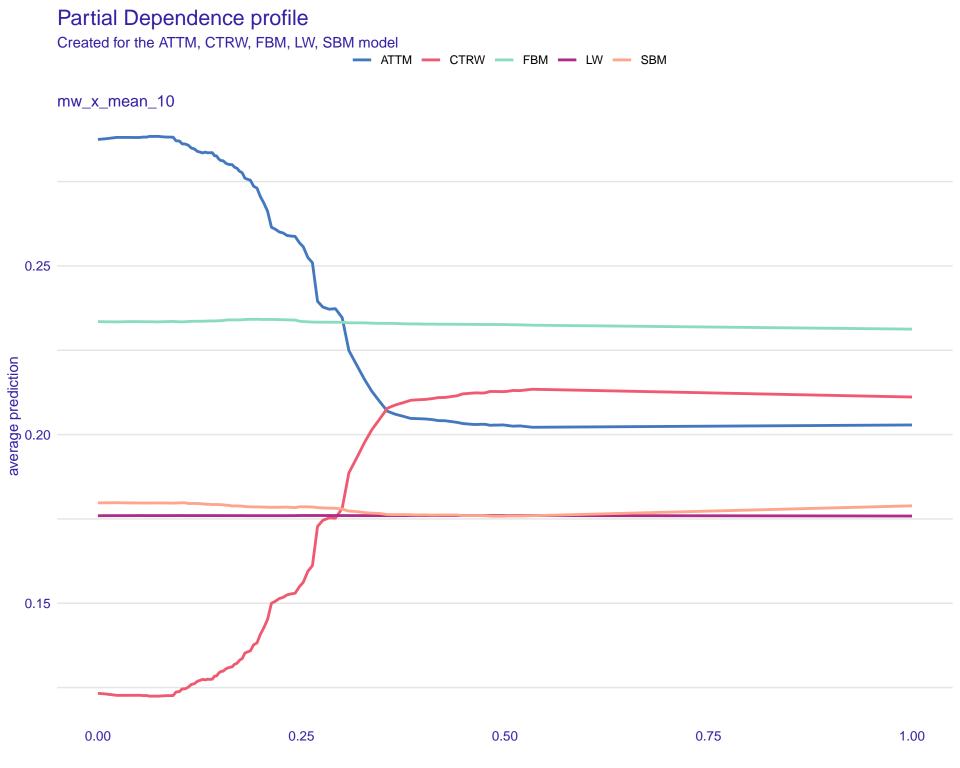
5.0

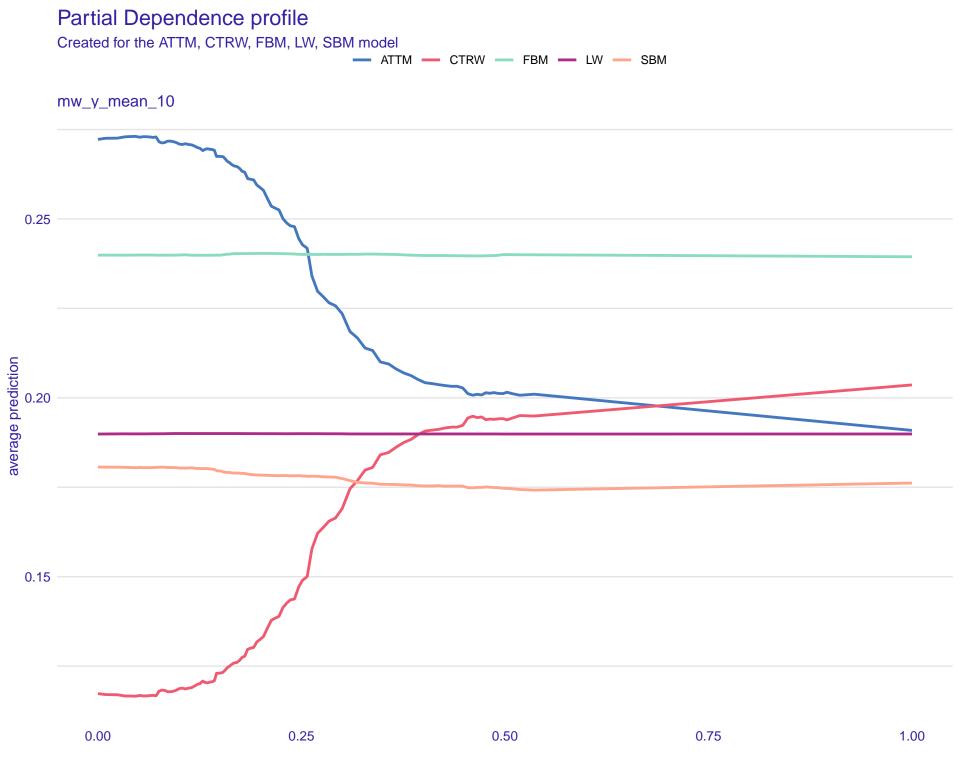
7.5

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

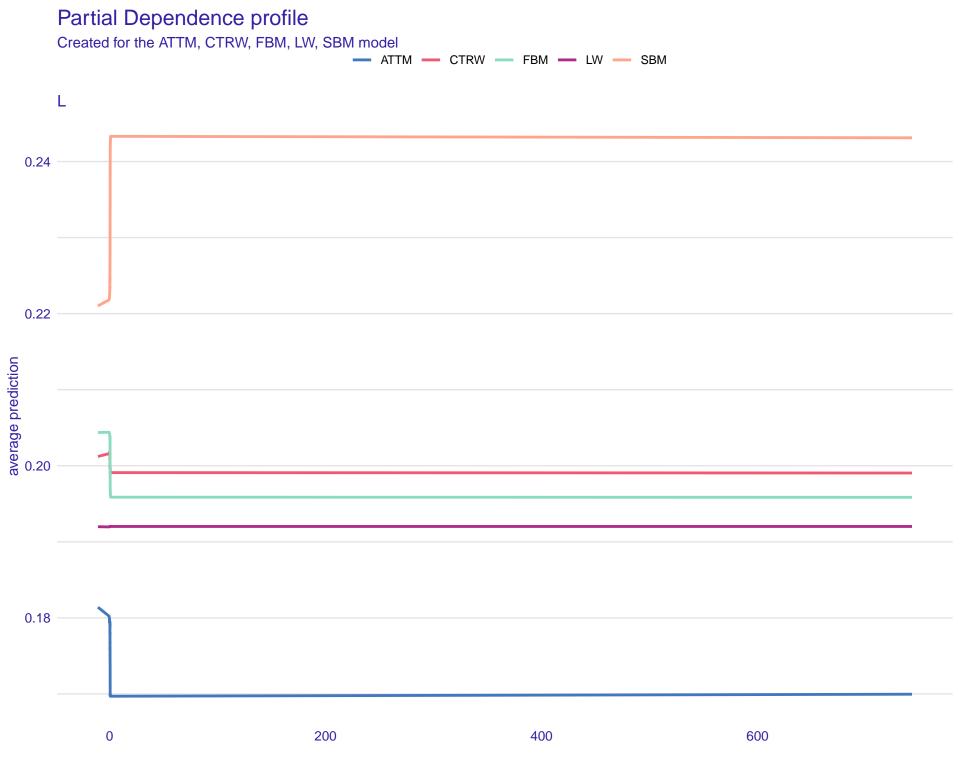
Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model - ATTM - CTRW - FBM - LW - SBM max_std_y 0.26 0.24 0.20 0.18

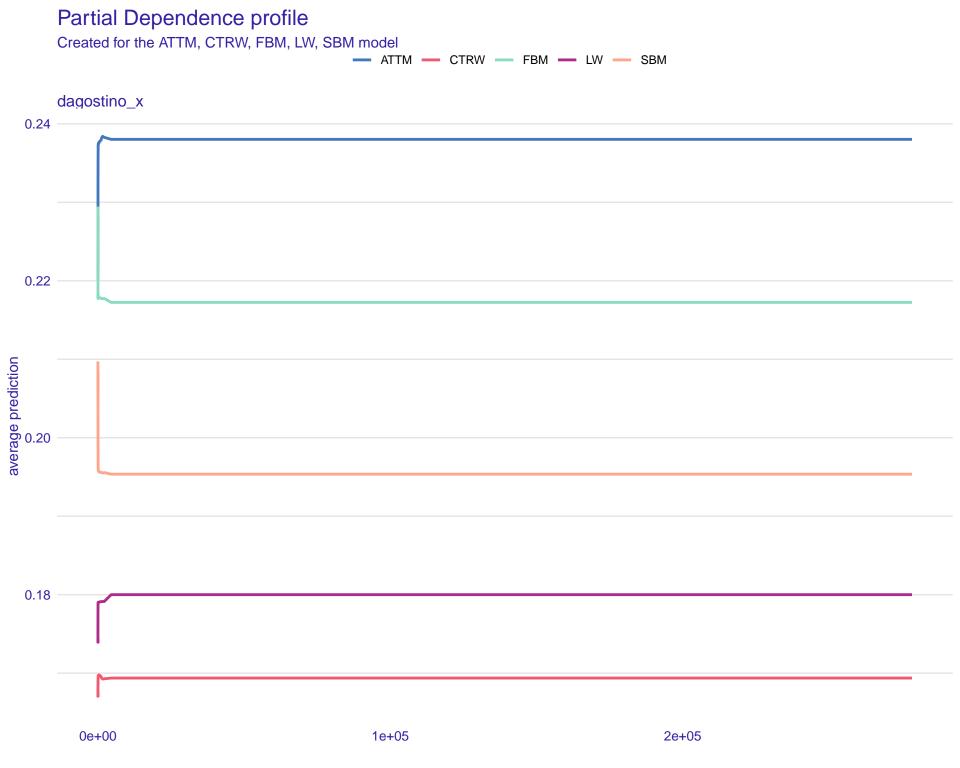
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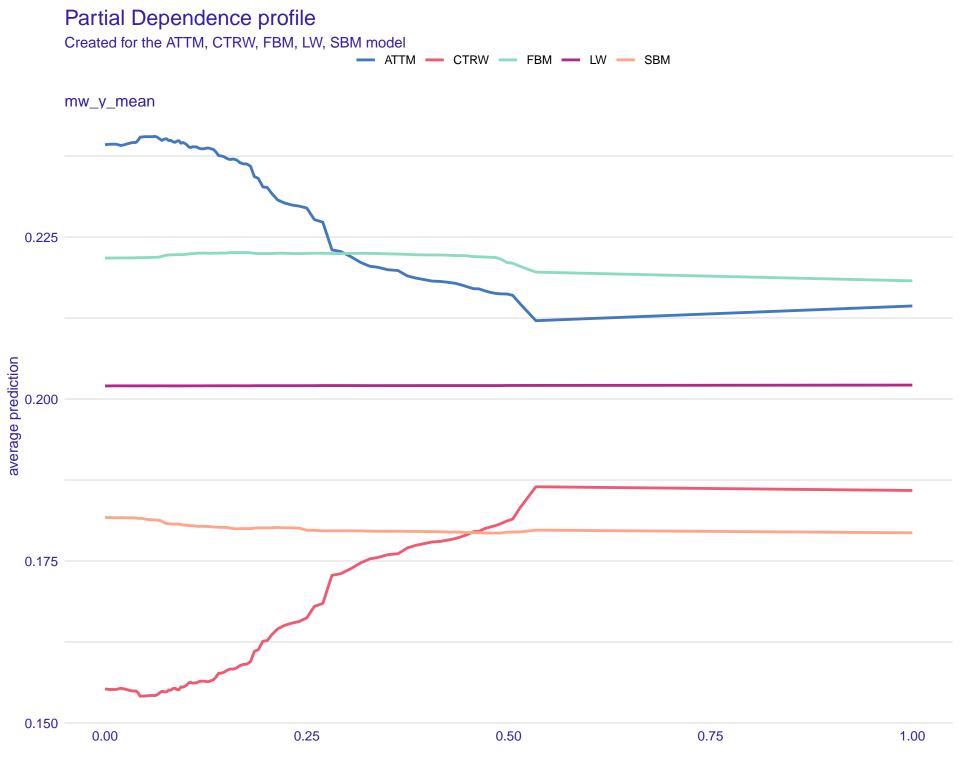
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0

50

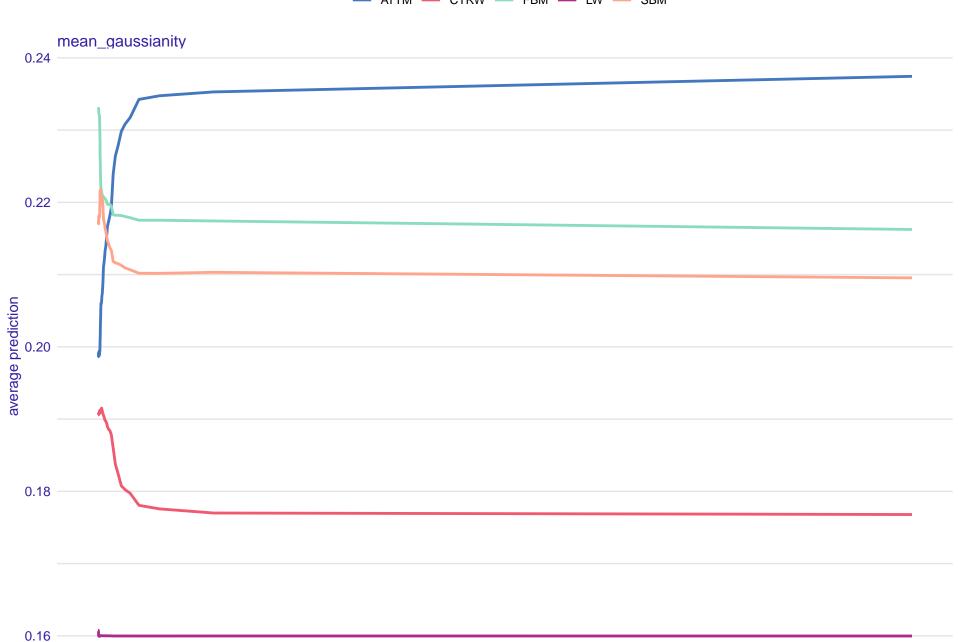






Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model





0 200 400 600

