Break Down profile ATTM 0.196 intercept +0.051 $mw_x_mean_10 = 0.2321$ $mw_y_mean_10 = 0.2384$ +0.07 M = 0.4272+0.048 $dagostino_y = 1.361$ -0.026mean_gaussianity = 0.6596 -0.04 $max_std_y = 2.873$ -0.082 $p_var_1 = -0.7276$ +0.051+0.063alpha = 0.7628 $max_std_change_x = 0.3144$ +0.005-0.072 $vac_{lag_1} = -0.3385$ $alpha_n_1 = 0.787$ -0.035-0.015mean_squared_displacement_ratio = 0.01165 -0.017 $max_std_change_y = 0.3738$ -0.053D = 0.1323-0.024 $p_var_3 = -0.1777$ -0.014 $mw_x_std = 0.328$ $p_var_4 = 0.08648$ -0.0420.044 + all other factors prediction 0.02 **CTRW** 0.196 intercept -0.052 $mw_x_mean_10 = 0.2321$ $mw_y_mean_10 = 0.2384$ -0.071M = 0.4272+0.002 $dagostino_y = 1.361$ -0.011 +0.008 mean_gaussianity = 0.6596 -0.013 $max_std_y = 2.873$ $p_var_1 = -0.7276$ -0.014-0.002alpha = 0.7628-0.008 $max_std_change_x = 0.3144$ $vac_{ag_1} = -0.3385$ +0 +0 $alpha_n_1 = 0.787$ +0 mean_squared_displacement_ratio = 0.01165 $max_std_change_y = 0.3738$ -0.001D = 0.1323+0 $p_var_3 = -0.1777$ +0 $mw_x_{std} = 0.328$ +0 $p_var_4 = 0.08648$ +0 -0.035+ all other factors prediction 0 **FBM** 0.22 intercept $mw_x_mean_10 = 0.2321$ +0 $mw_y_mean_10 = 0.2384$ +0.001 M = 0.4272-0.004 $dagostino_y = 1.361$ +0.035+0.008 mean_gaussianity = 0.6596 $max_std_y = 2.873$ +0.108 $p_var_1 = -0.7276$ -0.001-0.098alpha = 0.7628 $max_std_change_x = 0.3144$ -0.043 $vac_{lag_1} = -0.3385$ +0.008 -0.014 $alpha_n_1 = 0.787$ -0.036mean_squared_displacement_ratio = 0.01165 -0.054 $max_std_change_y = 0.3738$ D = 0.1323-0.003 $p_var_3 = -0.1777$ -0.016 -0.026 $mw_x_std = 0.328$ $p_var_4 = 0.08648$ -0.003 + all other factors +0.01prediction 0.093 LW 0.222 intercept $mw_x_{mean_10} = 0.2321$ +U $mw_y_mean_10 = 0.2384$ +0 M = 0.4272+0 -0.033 $dagostino_y = 1.361$ -0.003mean_gaussianity = 0.6596 -0.066 $max_std_y = 2.873$ -0.017 $p_var_1 = -0.7276$ -0.012alpha = 0.7628 $max_std_change_x = 0.3144$ -0.012 $vac_{lag_1} = -0.3385$ +0.002 $alpha_n_1 = 0.787$ -0.001 mean_squared_displacement_ratio = 0.01165 -0.002 $max_std_change_y = 0.3738$ -0.001 -0.001 D = 0.1323 $p_var_3 = -0.1777$ -0.001 +0 $mw_x_{std} = 0.328$ $p_var_4 = 0.08648$ +0 -0.074+ all other factors 0 prediction **SBM** intercept 0.166 $mw_x_mean_10 = 0.2321$ +0 $mw_y_mean_10 = 0.2384$ +0 M = 0.4272-0.046 $dagostino_y = 1.361$ +0.035 mean_gaussianity = 0.6596 +0.027 $max_std_y = 2.873$ +0.054 $p_var_1 = -0.7276$ -0.02alpha = 0.7628+0.049 $max_std_change_x = 0.3144$ +0.058 $vac_{lag_1} = -0.3385$ +0.063 $alpha_n_1 = 0.787$ +0.05mean_squared_displacement_ratio = 0.01165 +0.053 $max_std_change_y = 0.3738$ +0.073D = 0.1323+0.057 $p_var_3 = -0.1777$ +0.041 $mw_x_{std} = 0.328$ +0.04 $p_var_4 = 0.08648$ +0.045+ all other factors +0.142prediction 0.886 0.00 0.25 0.50 0.75 1.00

dma_lag_2

4000

5000

6000

7000

3000

0.005

0

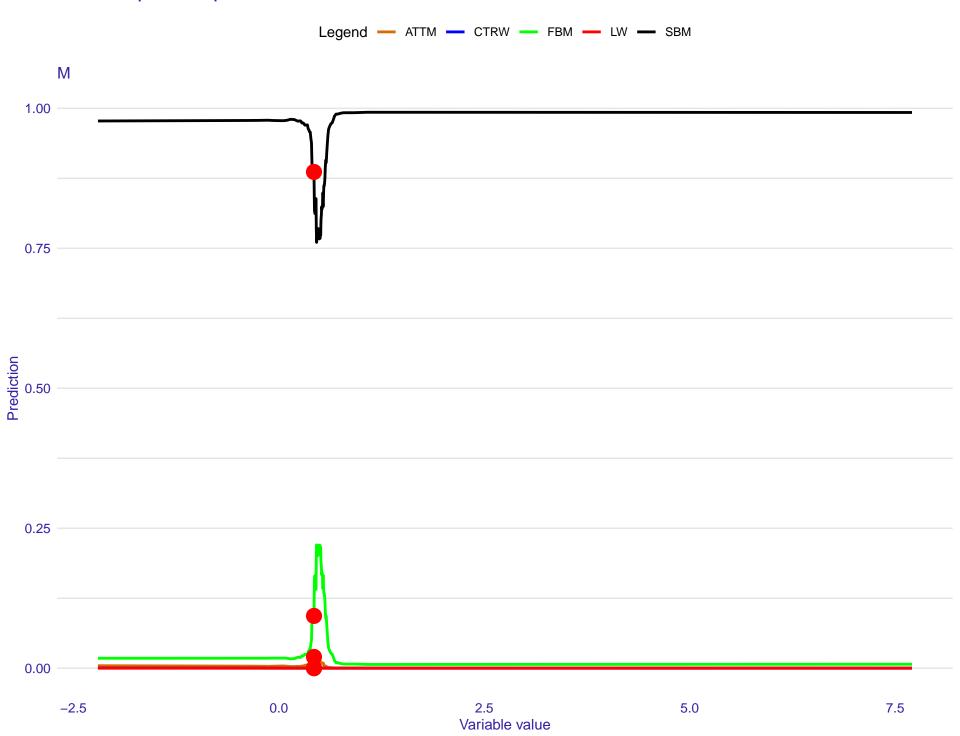
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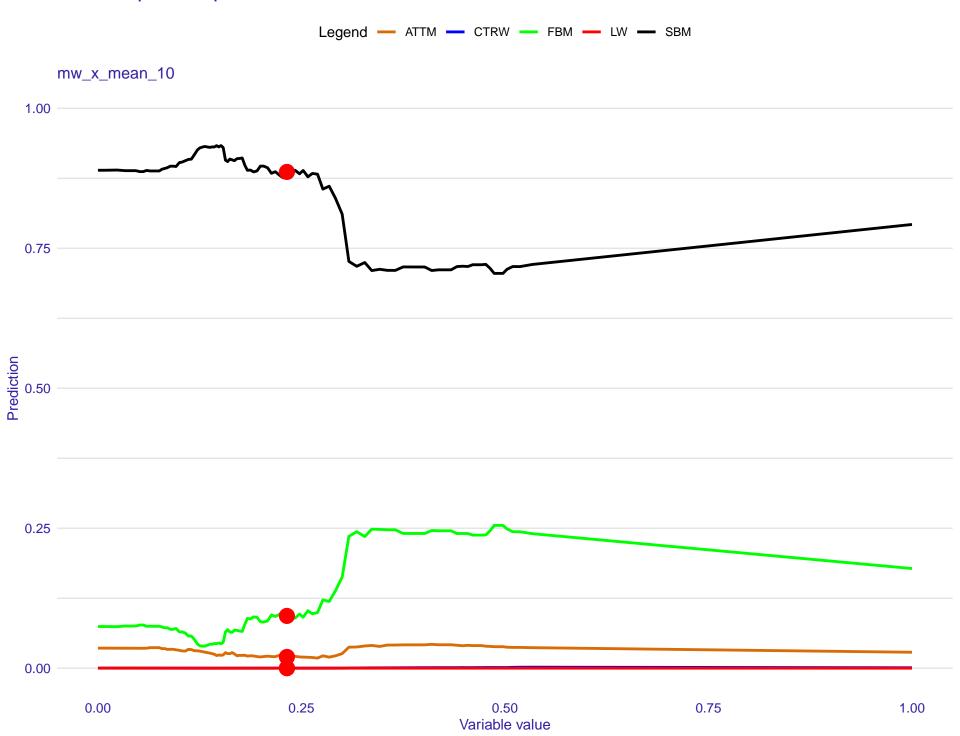
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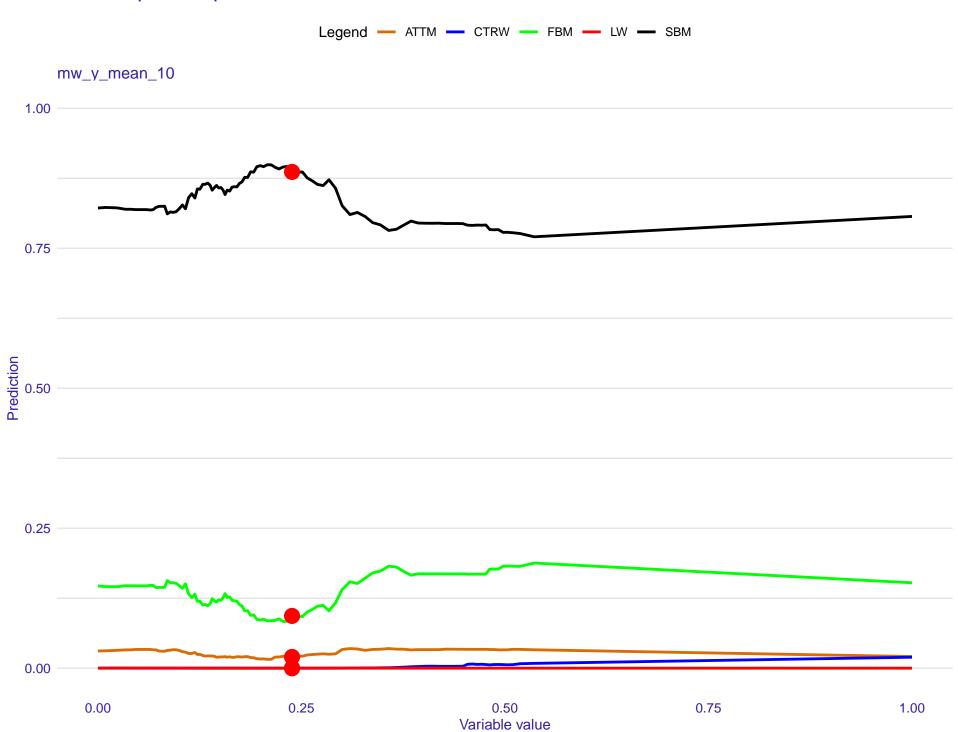
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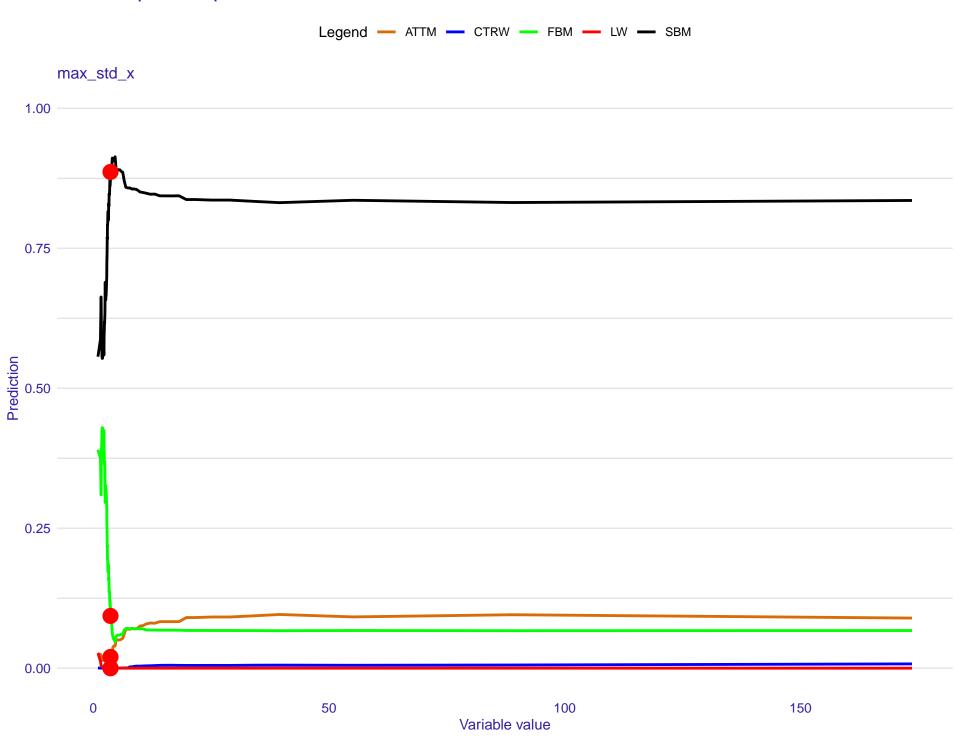
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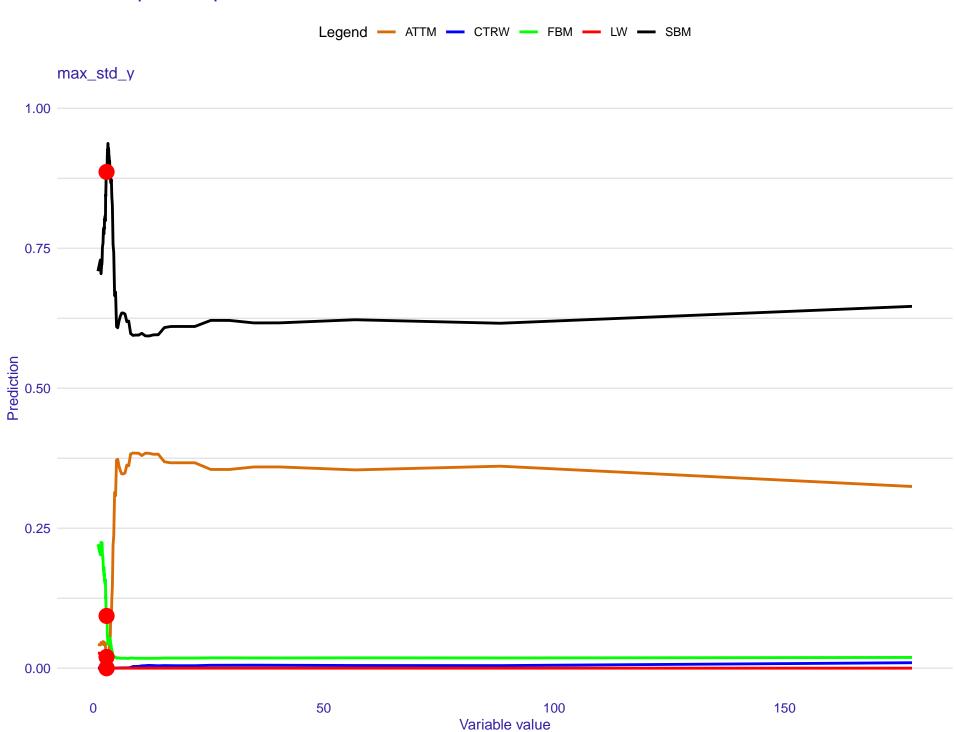
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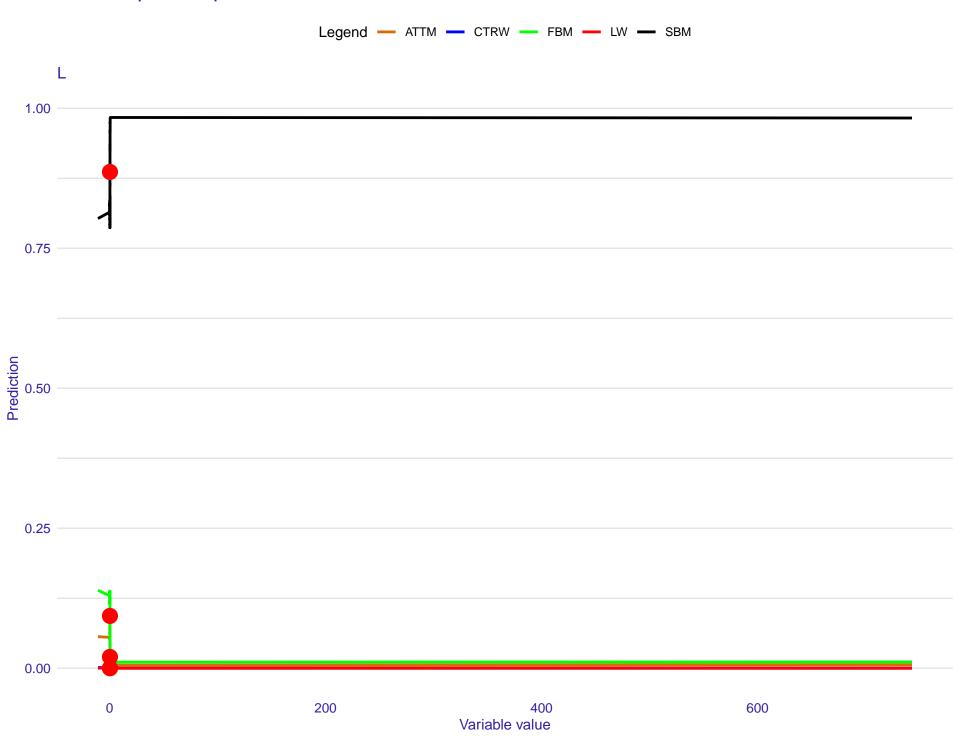




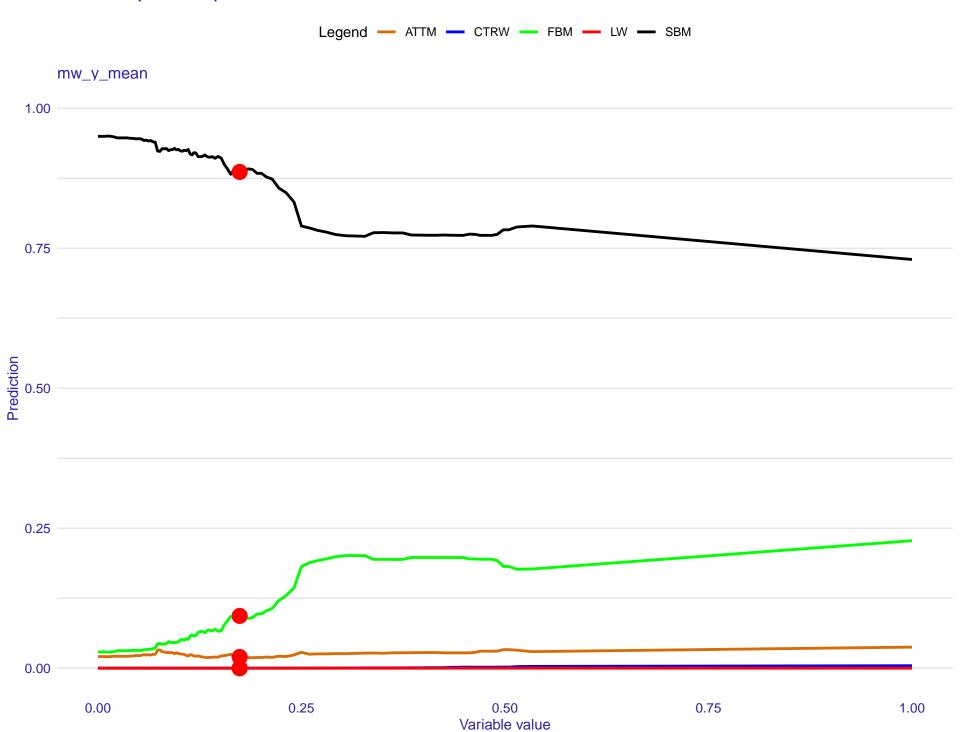


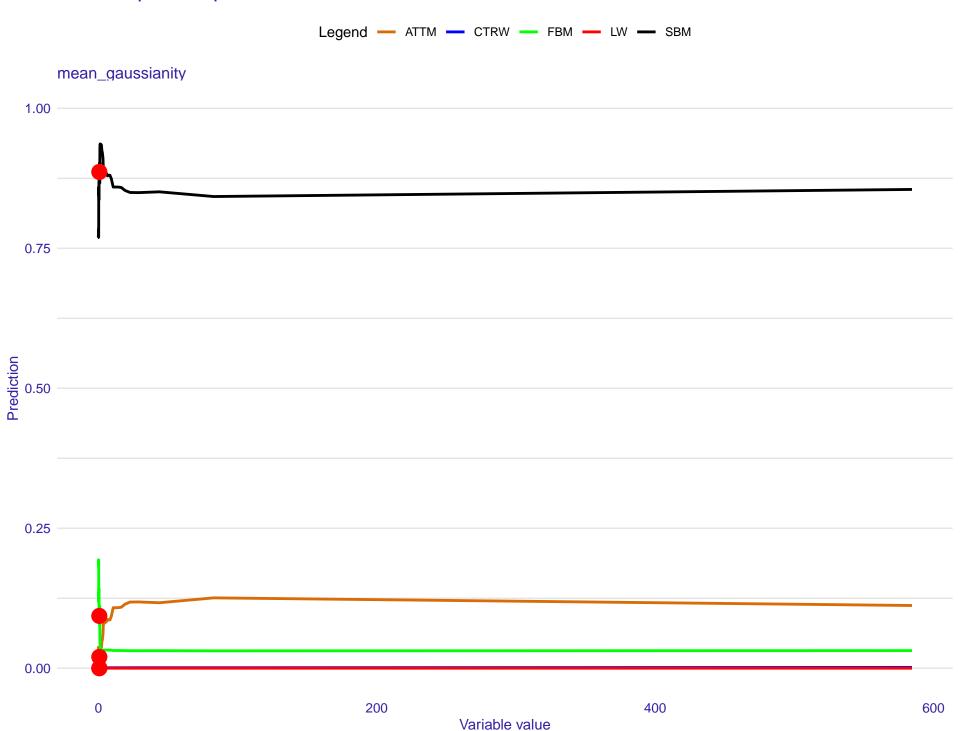












Ceteris-paribus profile Legend — ATTM — CTRW — FBM — LW — SBM ksstat_chi2 1.00 0.75 Prediction 0.50 0.25 0.00

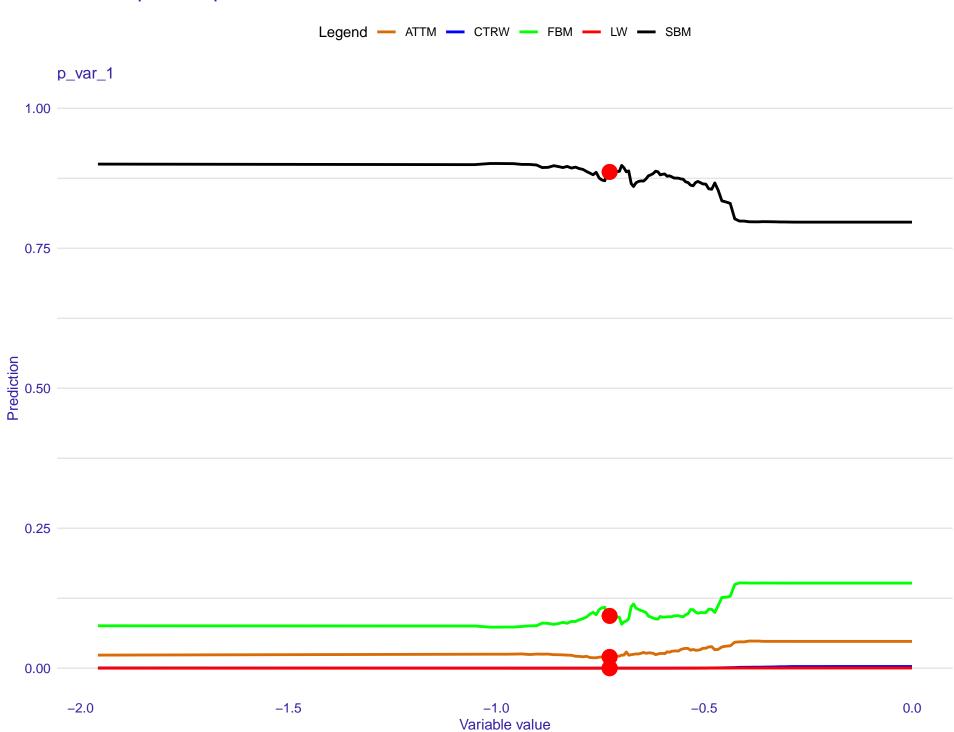
Variable value

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1.0

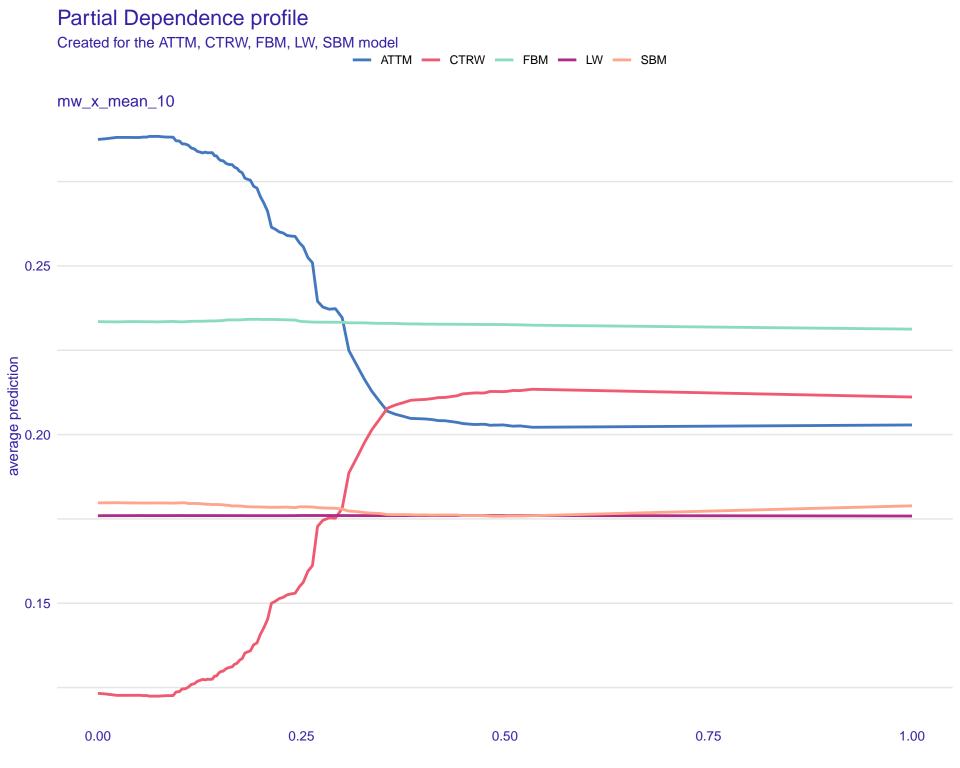
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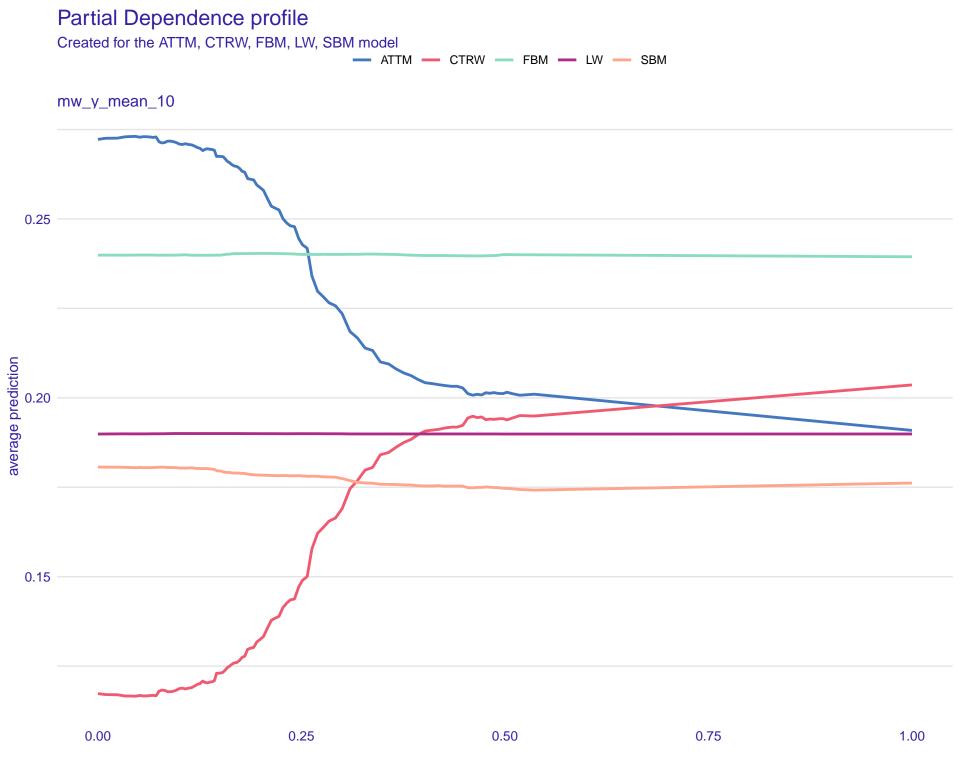
0.7



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 -2.50.0 2.5 5.0 7.5

average prediction





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

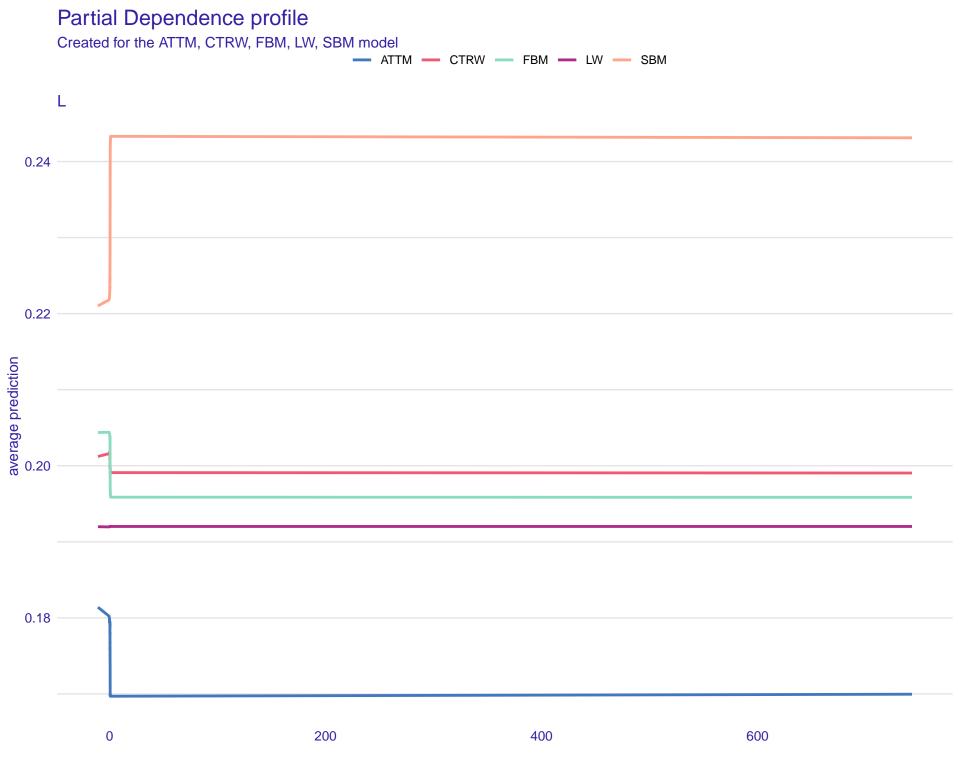
Partial Dependence profile Created for the ATTM, CTRW, FBM, LW, SBM model - ATTM - CTRW - FBM - LW - SBM max_std_y 0.26 0.24 0.20 0.18

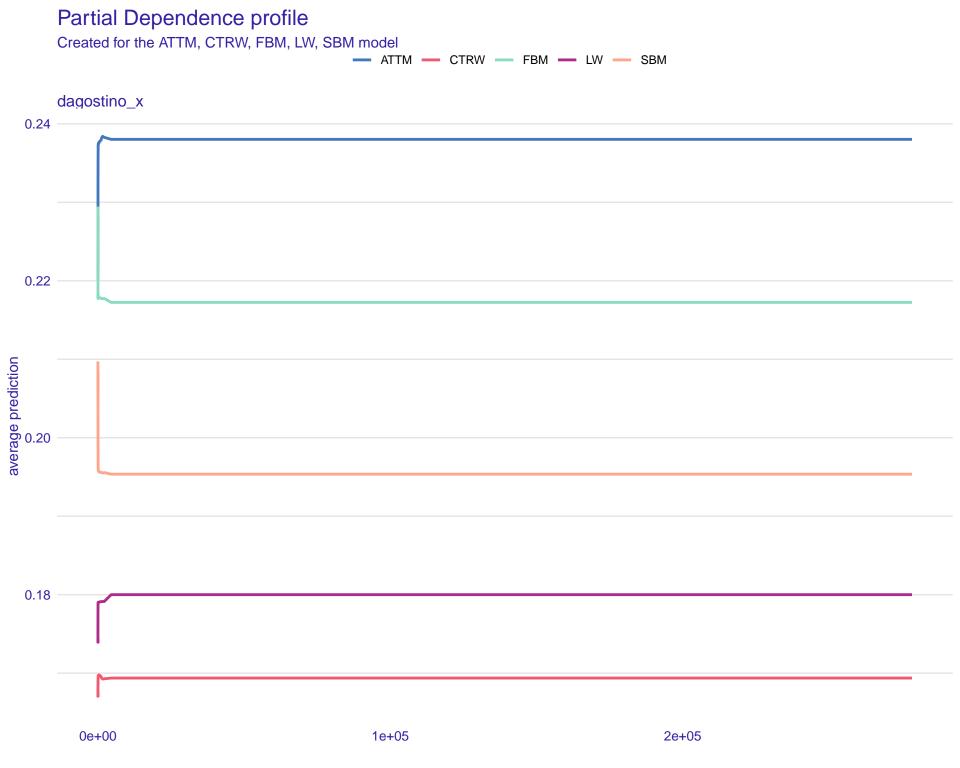
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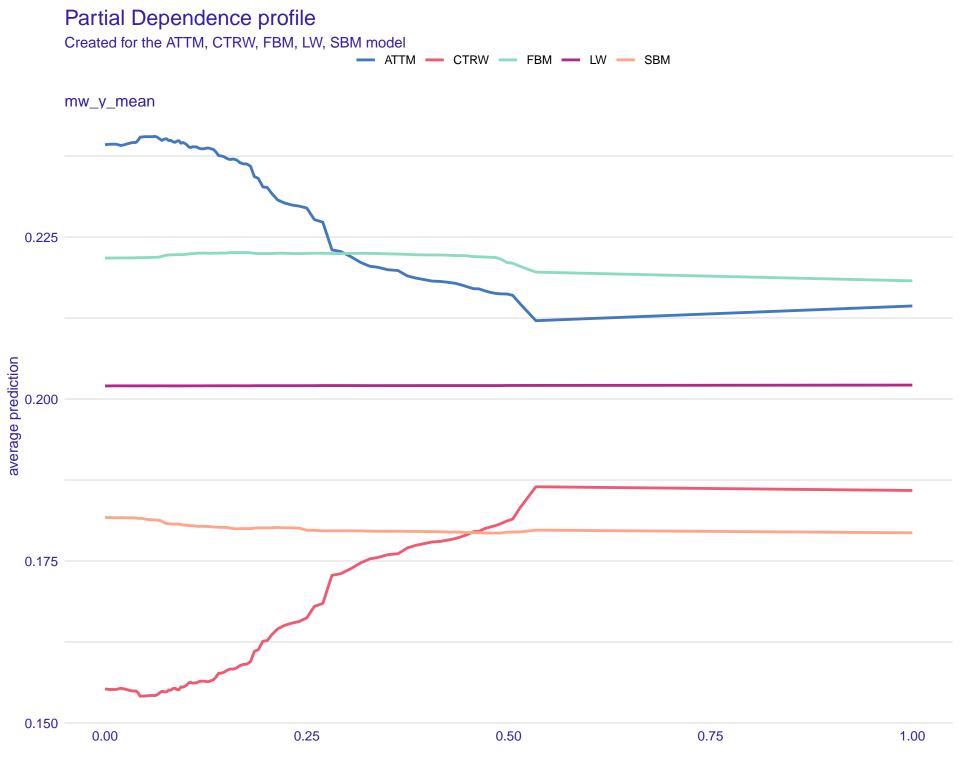
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0

50







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



