## **Break Down profile ATTM** 0.184 intercept $mw_x_{mean_10} = 0.1449$ +0.086 $mw_y_mean_10 = 0.1768$ +0.072 $max_std_x = 3.125$ -0.011alpha = 0.9627+0.028 $dagostino_x = 2.09$ -0.063 $max_std_change_x = 0.2108$ -0.046 $p_var_1 = -0.6005$ +0.042max\_std\_change\_y = 0.1967 -0.017fractal\_dimension = 5.104 -0.051-0.106 $dagostino_y = 5.128$ +0.007 $max_ts = 0.9402$ $vac_{ag_2} = -0.02356$ +0.011-0.029 $mw_x_std = 0.3$ -0.035mean\_squared\_displacement\_ratio = 0.003696 $alpha_n_1 = 1.058$ +0.041 $p_var_3 = 0.3188$ +0.063-0.049 $mw_x_std_10 = 0.3406$ + all other factors +0.156prediction 0.284 **CTRW** 0.216 intercept $mw_x_{mean_10} = 0.1449$ -0.087 $mw_y_mean_10 = 0.1768$ -0.076+0.006 $max_std_x = 3.125$ -0.002alpha = 0.9627+0.004 $dagostino_x = 2.09$ -0.005 $max_std_change_x = 0.2108$ $p_var_1 = -0.6005$ -0.018max\_std\_change\_y = 0.1967 -0.005fractal\_dimension = 5.104 -0.021-0.001 $dagostino_y = 5.128$ +0 $max_ts = 0.9402$ $vac_{ag_2} = -0.02356$ +0 $mw_x_std = 0.3$ +0 mean\_squared\_displacement\_ratio = 0.003696 +0 $alpha_n_1 = 1.058$ +0 $p_var_3 = 0.3188$ +0 $mw_x_std_10 = 0.3406$ +0 -0.012+ all other factors prediction 0 **FBM** 0.206 intercept $mw_x_mean_10 = 0.1449$ +0 +0.001 $mw_y_mean_10 = 0.1768$ $max_std_x = 3.125$ +0.06 alpha = 0.9627-0.057 $dagostino_x = 2.09$ +0.053 $max_std_change_x = 0.2108$ -0.033 $p_var_1 = -0.6005$ -0.01 $max_std_change_y = 0.1967$ -0.021 $fractal\_dimension = 5.104$ +0.031 $dagostino_y = 5.128$ +0.055 $max_ts = 0.9402$ -0.052-0.04 $vac_{ag_2} = -0.02356$ $mw_x_{std} = 0.3$ -0.05mean\_squared\_displacement\_ratio = 0.003696 -0.059+0.004 $alpha_n_1 = 1.058$ -0.026 $p_var_3 = 0.3188$ $mw_x_std_10 = 0.3406$ -0.022+0.006 + all other factors prediction 0.049 LW 0.21 intercept $mw_x_mean_10 = 0.1449$ +u $mw_y_mean_10 = 0.1768$ +0 $max_std_x = 3.125$ -0.072alpha = 0.9627+0.003 $dagostino_x = 2.09$ -0.046 $max_std_change_x = 0.2108$ -0.005 $p_var_1 = -0.6005$ -0.024-0.01 $max_std_change_y = 0.1967$ fractal\_dimension = 5.104 -0.016-0.007 $dagostino_y = 5.128$ $max_ts = 0.9402$ +0.002 $vac_{ag_2} = -0.02356$ -0.006 $mw_x_std = 0.3$ +0.001mean\_squared\_displacement\_ratio = 0.003696 -0.002 $alpha_n_1 = 1.058$ -0.001 $p_var_3 = 0.3188$ +0 $mw_x_std_10 = 0.3406$ +0 -0.024+ all other factors 0 prediction SBM intercept 0.184 $mw_x_mean_10 = 0.1449$ +0.002 $mw_y_mean_10 = 0.1768$ +0.004 $max_std_x = 3.125$ +0.016 alpha = 0.9627+0.027 $dagostino_x = 2.09$ +0.052 $max_std_change_x = 0.2108$ +0.089 $p_var_1 = -0.6005$ +0.01 $max_std_change_y = 0.1967$ +0.053fractal\_dimension = 5.104 +0.057 $dagostino_y = 5.128$ +0.058 $max_ts = 0.9402$ +0.042 $vac_{ag_2} = -0.02356$ +0.035 $mw_x_{std} = 0.3$ +0.078mean\_squared\_displacement\_ratio = 0.003696 +0.097 $alpha_n_1 = 1.058$ -0.044 $p_var_3 = 0.3188$ 0.037 $mw_x_std_10 = 0.3406$ +0.071+ all other factors -0.1260.667 prediction 0.00 0.25 0.50 0.75 1.00