## Break Down profile **ATTM** 0.224 intercept M = 0.4544+0.06 $mw_x_{mean_10} = 0.1947$ +0.064 $mw_y_mean_10 = 0.1737$ +0.062 $max_std_x = 2.921$ -0.036-0.043 $dagostino_x = 1.4$ -0.09 $max_std_y = 2.583$ $dagostino_y = 1.131$ -0.084+0.028 alpha = 0.9546-0.025 $max_std_change_y = 0.2517$ -0.015 $vac_{ag_1} = -0.2133$ $mw_x_{std} = 0.3189$ -0.01 $vac_{lag_2} = 0.01717$ -0.002 $max_std_change_x = 0.412$ +0.015D = 0.4254+0.021 mean\_squared\_displacement\_ratio = 0.006224 $\div 0.007$ J = 0.5117-0.006 $alpha_n_3 = 0.9053$ +0.039+ all other factors -0.083 prediction 0.113 **CTRW** intercept 0.166 M = 0.4544+0.003 -0.063 $mw_x_mean_10 = 0.1947$ $mw_y_mean_10 = 0.1737$ -0.063+0.011 $max_std_x = 2.921$ -0.001 $dagostino_x = 1.4$ $max_std_y = 2.583$ +0.006 $dagostino_y = 1.131$ -0.014-0.001alpha = 0.9546max\_std\_change\_y = 0.2517 -0.008 $vac_{ag_1} = -0.2133$ +0 +0 $mw_x_std = 0.3189$ +0 $vac_{lag_2} = 0.01717$ $max_std_change_x = 0.412$ +0 +0 D = 0.4254+0 mean\_squared\_displacement\_ratio = 0.006224 J = 0.5117+0 +0 $alpha_n_3 = 0.9053$ -0.036+ all other factors prediction 0 **FBM** 0.202 intercept M = 0.4544+0.004 $mw_x_mean_10 = 0.1947$ +0.001 $mw_y_mean_10 = 0.1737$ +0.002 $max_std_x = 2.921$ +0.014+0.026 $dagostino_x = 1.4$ $max_std_y = 2.583$ +0.034 $dagostino_y = 1.131$ +0.097alpha = 0.9546-0.067 $max_std_change_y = 0.2517$ -0.062 $vac_{ag_1} = -0.2133$ +0.024 $mw_x_std = 0.3189$ -0.044 $vac_{ag_2} = 0.01717$ +0.058 $max_std_change_x = 0.412$ -0.013 D = 0.4254+0.025mean\_squared\_displacement\_ratio = 0.006224 -0.035J = 0.5117-0.042 $alpha_n_3 = 0.9053$ -0.032+ all other factors 0.1310.062 prediction LW 0.184 intercept M = 0.4544+U $mw_x_{mean_10} = 0.1947$ +0 $mw_y_mean_10 = 0.1737$ +0 $max_std_x = 2.921$ -0.009 $dagostino_x = 1.4$ -0.022 $max_std_y = 2.583$ +0.013 $dagostino_y = 1.131$ -0.062-0.007alpha = 0.9546max\_std\_change\_y = 0.2517 -0.009 $vac_{lag_1} = -0.2133$ +0.015 $mw_x_{std} = 0.3189$ +0.038 $vac_{lag_2} = 0.01717$ -0.095 -0.051 $max_std_change_x = 0.412$ -0.002D = 0.4254mean\_squared\_displacement\_ratio = 0.006224 -0.013J = 0.5117+0 alpha n 3 = 0.9053+0.002+ all other factors +0.02 prediction 0.001 SBM 0.224 intercept M = 0.4544-0.067 $mw_x_mean_10 = 0.1947$ -0.003 $mw_y_mean_10 = 0.1737$ -0.001 $max_std_x = 2.921$ +0.02 $dagostino_x = 1.4$ +0.04 $max_std_y = 2.583$ +0.037 $dagostino_y = 1.131$ +0.063alpha = 0.9546+0.048 $max_std_change_y = 0.2517$ +0.104 $vac_{lag_1} = -0.2133$ -0.025 $mw_x_{std} = 0.3189$ +0.016 $vac_{lag_2} = 0.01717$ +0.039 $max_std_change_x = 0.412$ +0.05D = 0.4254-0.044mean\_squared\_displacement\_ratio = 0.006224 +0.055J = 0.5117+0.049 $alpha_n_3 = 0.9053$ -0.01+ all other factors +0.2290.824 prediction 0.00 0.25 0.50 0.75 1.00