## Break Down profile **ATTM** 0.17 intercept fractal\_dimension = 3.75 +0.06 $p_var_2 = -0.4884$ +0.134mean\_gaussianity = 1.399 +0.079+0.086 $p_var_5 = 0.3163$ -0.019 $p_var_3 = -0.2084$ $p_var_1 = -0.7534$ +0.01vac lag 1 = -1.574-0.096alpha = 0.6329+0.209mean\_squared\_displacement\_ratio = 0.02001 -0.236-0.039max\_excursion\_normalised = 0.2056 $p_var_4 = 0.06745$ +0.075straightness = 0.03776+0.027-0.25 $alpha_n_3 = 0.5477$ -0.07 $alpha_n_1 = 0.7387$ +0.018 $alpha_n_2 = 0.5704$ -0.061D = 0.2312p-variation = 1 +0.067prediction 0.166 **CTRW** 0.172 intercept fractal\_dimension = 3.75 -0.045 $p_var_2 = -0.4884$ -0.068mean\_gaussianity = 1.399 +0.07 $p_var_5 = 0.3163$ -0.031 $p_var_3 = -0.2084$ +0.034p var 1 = -0.7534-0.077 $vac_{lag_1} = -1.574$ +0.004alpha = 0.6329-0.031-0.001mean\_squared\_displacement\_ratio = 0.02001 max\_excursion\_normalised = 0.2056 -0.002p var 4 = 0.06745+0.012straightness = 0.03776-0.006 $alpha_n_3 = 0.5477$ -0.01 $alpha_n_1 = 0.7387$ -0.011 $alpha_n_2 = 0.5704$ -0.002D = 0.2312+0.002p-variation = 1 +0.016 prediction 0.027 **FBM** 0.242 intercept fractal\_dimension = 3.75 +0.088 $p_var_2 = -0.4884$ +0.004 mean\_gaussianity = 1.399 -0.128-0.122 $p_var_5 = 0.3163$ $p_var_3 = -0.2084$ +0.007 $p_var_1 = -0.7534$ +0.019 $vac_{lag_1} = -1.574$ +0.064alpha = 0.6329-0.073+0.007mean\_squared\_displacement\_ratio = 0.02001 -0.109max\_excursion\_normalised = 0.2056 $p_var_4 = 0.06745$ +0 straightness = 0.03776+0 +0 $alpha_n_3 = 0.5477$ -0.001 $alpha_n_1 = 0.7387$ $alpha_n_2 = 0.5704$ +0 D = 0.2312+0 p-variation = 1 +0 0 prediction LW 0.222 intercept fractal\_dimension = 3.75 -0.128-0.042 $p_var_2 = -0.4884$ mean\_gaussianity = 1.399 -0.028 $p_var_5 = 0.3163$ +0.048 -0.006 $p_var_3 = -0.2084$ $p_var_1 = -0.7534$ -0.051 $vac_{lag_1} = -1.574$ +0.032-0.046alpha = 0.6329mean\_squared\_displacement\_ratio = 0.02001 -0.003max\_excursion\_normalised = 0.2056 +0 $p_var_4 = 0.06745$ +0 straightness = 0.03776+0 $alpha_n_3 = 0.5477$ +0 $alpha_n_1 = 0.7387$ +0 alpha n 2 = 0.5704+0 D = 0.2312+0 p-variation = 1 +0 prediction 0 **SBM** 0.194 intercept fractal\_dimension = 3.75 +0.024 $p_var_2 = -0.4884$ -0.028mean\_gaussianity = 1.399 +0.007 $p_var_5 = 0.3163$ +0.019 $p_var_3 = -0.2084$ -0.017 $p_var_1 = -0.7534$ +0.098 $vac_{lag_1} = -1.574$ -0.003-0.059alpha = 0.6329+0.233mean\_squared\_displacement\_ratio = 0.02001 max\_excursion\_normalised = 0.2056 +0.149 $p_var_4 = 0.06745$ -0.088straightness = 0.03776-0.021 $alpha_n_3 = 0.5477$ +0.26 $alpha_n_1 = 0.7387$ +0.081 $alpha_n_2 = 0.5704$ -0.017D = 0.2312+0.058-0.083p-variation = 1 0.807 prediction 0.00 0.25 0.50 0.75 1.00

0.2

0

-8

-6

-2

2

ATTM