## Break Down profile **ATTM** 0.136 intercept fractal\_dimension = 3.017 +0.058 $p_var_5 = -0.09871$ +0.096 $p_var_2 = -0.3056$ -0.026mean\_gaussianity = 0.62 -0.033+0.024alpha = 0.7703 $p_var_1 = -0.6316$ +0.031 -0.068mean\_squared\_displacement\_ratio = 0.02851 $p_var_3 = -0.09133$ +0.042 $vac_{lag_1} = -1.269$ -0.039straightness = 0.08059-0.048max\_excursion\_normalised = 0.3361 +0.057 $p_var_4 = -0.03407$ +0.097 $alpha_n_3 = 0.7604$ +0.013D = 0.7939-0.043 $alpha_n_2 = 0.9637$ +0.049 $alpha_n_1 = 1.088$ -0.033p-variation = 2 +0.035prediction 0.35 **CTRW** 0.238 intercept fractal\_dimension = 3.017 -0.018 $p_var_5 = -0.09871$ -0.094 $p_var_2 = -0.3056$ +0.046mean\_gaussianity = 0.62 -0.051+0.006 alpha = 0.7703 $p_var_1 = -0.6316$ -0.12mean\_squared\_displacement\_ratio = 0.02851 +0.003 $p_var_3 = -0.09133$ -0.004 $vac_{lag_1} = -1.269$ +0.001straightness = 0.08059+0.001 max excursion normalised = 0.3361 -0.001 $p_var_4 = -0.03407$ +0.006-0.003 $alpha_n_3 = 0.7604$ D = 0.7939+0 $alpha_n_2 = 0.9637$ -0.003 $alpha_n_1 = 1.088$ +0.007p-variation = 2 +0.017prediction 0.031 **FBM** 0.204 intercept fractal\_dimension = 3.017 +0.056 $p_var_5 = -0.09871$ -0.113 $p_var_2 = -0.3056$ +0.028 mean\_gaussianity = 0.62 +0.03alpha = 0.7703+0.113 $p_var_1 = -0.6316$ -0.051mean\_squared\_displacement\_ratio = 0.02851 -0.014 $p_var_3 = -0.09133$ +0.039 $vac_{lag_1} = -1.269$ +0.082straightness = 0.08059-0.04max\_excursion\_normalised = 0.3361 -0.088 $p_var_4 = -0.03407$ +0.025 -0.011 $alpha_n_3 = 0.7604$ +0.021 D = 0.7939 $alpha_n_2 = 0.9637$ -0.006 $alpha_n_1 = 1.088$ -0.002p-variation = 2 -0.0060.04 prediction LW 0.216 intercept $fractal\_dimension = 3.017$ -0.114 $p_var_5 = -0.09871$ +0.069 $p_var_2 = -0.3056$ -0.072-0.047mean\_gaussianity = 0.62 alpha = 0.7703-0.038 $p_var_1 = -0.6316$ -0.012mean\_squared\_displacement\_ratio = 0.02851 -0.001 $p_var_3 = -0.09133$ +0.001 $vac_{lag_1} = -1.269$ +0.002straightness = 0.08059-0.002max\_excursion\_normalised = 0.3361 +0 $p_var_4 = -0.03407$ +0.015+0.044 $alpha_n_3 = 0.7604$ D = 0.7939+0.05alpha n 2 = 0.9637+0.008 alpha n 1 = 1.088-0.112p-variation = 2 -0.007prediction 0 **SBM** 0.206 intercept +0.017 fractal\_dimension = 3.017 $p_var_5 = -0.09871$ +0.043 +0.024 $p_var_2 = -0.3056$ mean\_gaussianity = 0.62 +0.101alpha = 0.7703+0.12 $p_var_1 = -0.6316$ +0.152mean\_squared\_displacement\_ratio = 0.02851 +0.08 $p_var_3 = -0.09133$ -0.078 $vac_{lag_1} = -1.269$ -0.046 straightness = 0.08059+0.088 max\_excursion\_normalised = 0.3361 +0.032 $p_var_4 = -0.03407$ -0.143-0.042 $alpha_n_3 = 0.7604$ -0.028D = 0.7939 $alpha_n_2 = 0.9637$ 0.048+0.139 $alpha_n_1 = 1.088$ -0.039p-variation = 2 prediction 0.579

0.00

0.25

0.50

0.75

0.2

0

-8

-6

-2

2

ATTM