Break Down profile **ATTM** 0.2 intercept mean\_gaussianity = 16.17 +0.214 fractal\_dimension = 2.045 +0.305 $p_var_2 = -0.7264$ +0.17 $p_var_5 = -1.425$ +0.013 alpha = 0.1008+0.008  $p_var_1 = -0.917$ -0.061 $p_var_3 = -0.8297$ +0.013mean\_squared\_displacement\_ratio = 0.04258 -0.009 $vac_{lag_1} = -1.571$ -0.006straightness = 0.01505-0.005max\_excursion\_normalised = 2.04 +0.027 $p_var_4 = -1.11$ -0.305-0.143 $alpha_n_2 = 0.0594$ -0.115 $alpha_n_3 = 0.04394$ -0.131p-variation = 0 -0.07D = 0.04168-0.052  $alpha_n_1 = 0.2381$ 0.053 prediction **CTRW** intercept 0.184 mean\_gaussianity = 16.17 +0.02 fractal\_dimension = 2.045 -0.017 $p_var_2 = -0.7264$ -0.108+0.005  $p_var_5 = -1.425$ alpha = 0.1008+0.002 p var 1 = -0.917+0.063  $p_var_3 = -0.8297$ -0.013mean\_squared\_displacement\_ratio = 0.04258 +0.002  $vac_{lag_1} = -1.571$ +0.011 straightness = 0.01505+0.006 max excursion normalised = 2.04 -0.025 $p_var_4 = -1.11$ +0.305 $alpha_n_2 = 0.0594$ +0.143+0.115 $alpha_n_3 = 0.04394$ p-variation = 0 +0.131D = 0.04168+0.07  $alpha_n_1 = 0.2381$ +0.052prediction 0.947 **FBM** 0.214 intercept mean\_gaussianity = 16.17 -0.14fractal\_dimension = 2.045 -0.01 $p_var_2 = -0.7264$ -0.04-0.022 $p_var_5 = -1.425$ alpha = 0.1008-0.001 $p_var_1 = -0.917$ +0  $p_var_3 = -0.8297$ +0 mean\_squared\_displacement\_ratio = 0.04258 +0.001  $vac_{lag_1} = -1.571$ +0 -0.001straightness = 0.01505max\_excursion\_normalised = 2.04 +0  $p_var_4 = -1.11$ +0 +0  $alpha_n_2 = 0.0594$  $alpha_n_3 = 0.04394$ +0 p-variation = 0 +0 D = 0.04168+0  $alpha_n_1 = 0.2381$ +0 prediction 0 LW 0.196 intercept mean\_gaussianity = 16.17 +0.019 fractal\_dimension = 2.045 -0.192 $p_var_2 = -0.7264$ -0.016+0.002  $p_var_5 = -1.425$ alpha = 0.1008-0.008 $p_var_1 = -0.917$ +0  $p_var_3 = -0.8297$ +0 mean\_squared\_displacement\_ratio = 0.04258 +0  $vac_{lag_1} = -1.571$ +0 straightness = 0.01505+0 max\_excursion\_normalised = 2.04 +0  $p_var_4 = -1.11$ +0 +0  $alpha_n_2 = 0.0594$  $alpha_n_3 = 0.04394$ +0 p-variation = 0 +0 D = 0.04168+0  $alpha_n_1 = 0.2381$ +0 prediction 0 **SBM** 0.206 intercept -0.112mean\_gaussianity = 16.17 -0.085fractal\_dimension = 2.045  $p_var_2 = -0.7264$ -0.006 $p_var_5 = -1.425$ +0.002 alpha = 0.1008-0.001 $p_var_1 = -0.917$ -0.002 $p_var_3 = -0.8297$ +0 mean\_squared\_displacement\_ratio = 0.04258 +0.006  $vac_{lag_1} = -1.571$ -0.005straightness = 0.01505 +0 -0.002max\_excursion\_normalised = 2.04  $p_{var_4} = -1.11$ +0  $alpha_n_2 = 0.0594$ +0  $alpha_n_3 = 0.04394$ +0 p-variation = 0 +0 D = 0.04168+0  $alpha_n_1 = 0.2381$ +0 0 prediction 0.0 0.4 0.8

ATTM