## Break Down profile **ATTM** 0.198 intercept fractal dimension = 3.65 +0.063 $p_var_5 = 0.7828$ +0.056 $p_var_2 = -0.328$ -0.01mean\_gaussianity = 0.8471 -0.058alpha = 0.7367+0.173mean\_squared\_displacement\_ratio = 0.04643 +0.014 $p_var_1 = -0.7002$ +0.058 $p_var_3 = 0.06762$ -0.057 $p_var_4 = 0.4439$ -0.054+0.168 straightness = 0.02832 $vac_{lag_1} = -0.312$ -0.051max\_excursion\_normalised = 0.9933 -0.025-0.132 $alpha_n_3 = 0.6108$ $alpha_n_2 = 1.155$ -0.042-0.022D = 0.3927+0.038 $alpha_n_1 = 1.045$ p-variation = 1 +0.088 prediction 0.405 **CTRW** 0.192intercept fractal\_dimension = 3.65 -0.042p\_var\_5 = 0.7828 0.026 $p_var_2 = -0.328$ +0.045mean\_gaussianity = 0.8471 +0.01 alpha = 0.7367+0.005-0.047mean\_squared\_displacement\_ratio = 0.04643 $p_var_1 = -0.7002$ -0.091-0.018 $p_var_3 = 0.06762$ $p_var_4 = 0.4439$ -0.01+0.001straightness = 0.02832 $vac_{lag_1} = -0.312$ -0.001max\_excursion\_normalised = 0.9933 -0.007 $alpha_n_3 = 0.6108$ -0.005-0.001 $alpha_n_2 = 1.155$ D = 0.3927-0.001 $alpha_n_1 = 1.045$ +0 +0.004p-variation = 1 prediction 0.007 **FBM** 0.218 intercept fractal\_dimension = 3.65 +0.074 $p_var_5 = 0.7828$ -0.112+0.043 $p_var_2 = -0.328$ mean\_gaussianity = 0.8471 +0.064alpha = 0.7367-0.143mean\_squared\_displacement\_ratio = 0.04643 -0.013-0.078 $p_var_1 = -0.7002$ $p_var_3 = 0.06762$ +0.033 $p_var_4 = 0.4439$ +0.019straightness = 0.02832-0.048 $vac_{lag_1} = -0.312$ +0.009max\_excursion\_normalised = 0.9933 -0.032 $alpha_n_3 = 0.6108$ -0.007 -0.004 $alpha_n_2 = 1.155$ D = 0.3927+0.015alpha\_n\_1 = 1.045 -0.003p-variation = 1 +0 0.036 prediction LW 0.192 intercept fractal\_dimension = 3.65 -0.112 $p_var_5 = 0.7828$ +0.086 $p_var_2 = -0.328$ -0.063-0.06mean\_gaussianity = 0.8471 alpha = 0.7367-0.033-0.007mean\_squared\_displacement\_ratio = 0.04643 $p_var_1 = -0.7002$ +0 $p_var_3 = 0.06762$ +0 $p_var_4 = 0.4439$ -0.002straightness = 0.02832+0 $vac_{lag_1} = -0.312$ +0.001 max\_excursion\_normalised = 0.9933 +0 $alpha_n_3 = 0.6108$ +0.003 $alpha_n_2 = 1.155$ -0.003D = 0.3927+0.014 $alpha_n_1 = 1.045$ -0.016p-variation = 1 +0 prediction 0 **SBM** 0.2 intercept fractal\_dimension = 3.65 +0.017 $p_var_5 = 0.7828$ -0.005 $p_var_2 = -0.328$ -0.015mean\_gaussianity = 0.8471 +0.045alpha = 0.7367-0.001mean\_squared\_displacement\_ratio = 0.04643 +0.053 $p_var_1 = -0.7002$ +0.111 $p_var_3 = 0.06762$ +0.043 $p_var_4 = 0.4439$ +0.047straightness = 0.02832-0.121 $vac_{lag_1} = -0.312$ +0.042max\_excursion\_normalised = 0.9933 +0.063 $alpha_n_3 = 0.6108$ +0.14 $alpha_n_2 = 1.155$ +0.05 D = 0.3927-0.006 $alpha_n_1 = 1.045$ -0.019-0.092p-variation = 1

prediction

0.0

0.2

0.4

0.552

0.8

0.6