## Break Down profile **ATTM** 0.174 intercept fractal\_dimension = 4.338 +0.047 $p_var_2 = -0.5462$ +0.108 $p_var_5 = -0.1615$ +0.005mean\_gaussianity = 0.5027 -0.1 $p_var_3 = -0.385$ -0.002 $p_var_1 = -0.7456$ +0.014 +0.035 mean\_squared\_displacement\_ratio = 0.02038 alpha = 0.7148+0.098 $vac_{lag_1} = -1.657$ -0.148straightness = 0.03437+0.074 $p_var_4 = -0.258$ -0.008max\_excursion\_normalised = 0.2331 -0.001-0.065 $alpha_n_3 = 0.8823$ +0.008 $alpha_n_2 = 1.125$ -0.087D = 0.3-0.079 $alpha_n_1 = 0.8331$ -0.017 p-variation = 1 prediction 0.053 **CTRW** 0.178 intercept fractal\_dimension = 4.338 -0.08 $p_var_2 = -0.5462$ -0.037 $p_var_5 = -0.1615$ -0.002mean\_gaussianity = 0.5027 -0.014 $p_var_3 = -0.385$ +0.002+0.001 $p_var_1 = -0.7456$ mean\_squared\_displacement\_ratio = 0.02038 -0.013alpha = 0.7148-0.014 $vac_{lag_1} = -1.657$ -0.007-0.002straightness = 0.03437p var 4 = -0.258-0.002-0.005max\_excursion\_normalised = 0.2331 $alpha_n_3 = 0.8823$ -0.004 $alpha_n_2 = 1.125$ +0 D = 0.3+0 $alpha_n_1 = 0.8331$ +0 p-variation = 1 +0 prediction 0 **FBM** 0.178 intercept fractal\_dimension = 4.338 +0.09 $p_var_2 = -0.5462$ +0.037 $p_var_5 = -0.1615$ -0.119mean\_gaussianity = 0.5027 +0.071 $p_var_3 = -0.385$ +0.011 $p_var_1 = -0.7456$ +0.092 mean\_squared\_displacement\_ratio = 0.02038 -0.023alpha = 0.7148-0.165 $vac_{lag_1} = -1.657$ +0.084straightness = 0.03437-0.053 $p_var_4 = -0.258$ +0.014 max\_excursion\_normalised = 0.2331 -0.141-0.022 $alpha_n_3 = 0.8823$ +0.006 $alpha_n_2 = 1.125$ D = 0.3-0.015 $alpha_n_1 = 0.8331$ -0.018p-variation = 1 +0 0.027 prediction LW 0.216 intercept $fractal\_dimension = 4.338$ -0.097 $p_var_2 = -0.5462$ -0.054 $p_var_5 = -0.1615$ +0.113 mean\_gaussianity = 0.5027 +0.013 $p_var_3 = -0.385$ +0.003 $p_var_1 = -0.7456$ -0.121mean\_squared\_displacement\_ratio = 0.02038 -0.058-0.011alpha = 0.7148 $vac_{lag_1} = -1.657$ +0.015 straightness = 0.03437-0.009 $p_var_4 = -0.258$ +0.036max\_excursion\_normalised = 0.2331 +0.013+0.09 $alpha_n_3 = 0.8823$ $alpha_n_2 = 1.125$ -0.025D = 0.3+0.056 -0.166 $alpha_n_1 = 0.8331$ -0.015p-variation = 1 prediction 0 **SBM** 0.253 intercept $fractal\_dimension = 4.338$ +0.041-0.054 $p_var_2 = -0.5462$ $p_var_5 = -0.1615$ +0.003 mean\_gaussianity = 0.5027 +0.03 $p_var_3 = -0.385$ -0.013 $p_var_1 = -0.7456$ +0.014mean\_squared\_displacement\_ratio = 0.02038 +0.059 +0.092alpha = 0.7148 $vac_{lag_1} = -1.657$ +0.057straightness = 0.03437-0.01 $p_var_4 = -0.258$ -0.04max\_excursion\_normalised = 0.2331 +0.135 $alpha_n_3 = 0.8823$ +0 $alpha_n_2 = 1.125$ +0.011 D = 0.3+0.046

0.0 0.4 0.8

+0.264 +0.032

0.919

 $alpha_n_1 = 0.8331$ 

p-variation = 1 prediction