## **Break Down profile ATTM** 0.21 intercept $p_var_2 = -0.936$ +0.151fractal\_dimension = 4.046 +0.081 $p_var_5 = -0.7967$ +0.004+0.078 $p_var_1 = -1.009$ alpha = 4.598e-09+0.116 $p_var_3 = -0.8628$ -0.136mean\_gaussianity = 0.7826 -0.106mean\_squared\_displacement\_ratio = 0.1291 +0.095 $p_var_4 = -0.8139$ -0.274+0.199straightness = 0.001256 $vac_{lag_1} = -0.01454$ +0.018 max\_excursion\_normalised = 1.506 -0.122D = 0.0004678+0.264 $alpha_n_1 = -0.6038$ -0.428 $\div 0.139$ $alpha_n_2 = 0.0002053$ -0.01 $alpha_n_3 = 0$ p-variation = 0 +0 prediction 0 **CTRW** 0.198 intercept $p_var_2 = -0.936$ -0.109 fractal\_dimension = 4.046 -0.026 $p_var_5 = -0.7967$ -0.004 $p_var_1 = -1.009$ +0.022 alpha = 4.598e-09+0.021p var 3 = -0.8628-0.006mean\_gaussianity = 0.7826 -0.023mean\_squared\_displacement\_ratio = 0.1291 +0.009 $p_var_4 = -0.8139$ +0.015straightness = 0.001256-0.004 $vac_{lag_1} = -0.01454$ -0.017+0.005max\_excursion\_normalised = 1.506 D = 0.0004678+0.106 +0.587 $alpha_n_1 = -0.6038$ $alpha_n_2 = 0.0002053$ +0.211alpha n 3 = 0+0.014p-variation = 0 +0 prediction 1 **FBM** 0.184 intercept $p_var_2 = -0.936$ +0.022 fractal\_dimension = 4.046 +0.069-0.099 $p_var_5 = -0.7967$ $p_var_1 = -1.009$ +0.053alpha = 4.598e-09-0.083 $p_var_3 = -0.8628$ +0.117 +0.062 mean\_gaussianity = 0.7826 mean\_squared\_displacement\_ratio = 0.1291 -0.197+0.212 $p_var_4 = -0.8139$ -0.063straightness = 0.001256 $vac_{lag_1} = -0.01454$ -0.024-0.03max\_excursion\_normalised = 1.506 D = 0.0004678-0.134-0.073 $alpha_n_1 = -0.6038$ -0.015 $alpha_n_2 = 0.0002053$ $alpha_n_3 = 0$ -0.001p-variation = 0 +0 prediction 0 LW 0.196 intercept $p_var_2 = -0.936$ -0.034fractal\_dimension = 4.046 -0.106 $p_var_5 = -0.7967$ +0.067-0.077 $p_var_1 = -1.009$ alpha = 4.598e-09-0.028 $p_var_3 = -0.8628$ -0.001mean\_gaussianity = 0.7826 -0.014mean\_squared\_displacement\_ratio = 0.1291 +0 $p_var_4 = -0.8139$ +0.001 straightness = 0.001256-0.002 $vac_{lag_1} = -0.01454$ -0.001+0 max\_excursion\_normalised = 1.506 +0.001 D = 0.0004678 $alpha_n_1 = -0.6038$ +0 $alpha_n_2 = 0.0002053$ -0.001: alpha n 3 = 0+0 p-variation = 0 +0 prediction 0 SBM 0.212 intercept $p_var_2 = -0.936$ -0.029-0.018 fractal\_dimension = 4.046 $p_var_5 = -0.7967$ +0.031 $p_var_1 = -1.009$ -0.075alpha = 4.598e-09-0.027 $p_var_3 = -0.8628$ +0.026mean\_gaussianity = 0.7826 +0.082 mean\_squared\_displacement\_ratio = 0.1291 +0.094 $p_var_4 = -0.8139$ +0.046straightness = 0.001256-0.13 $vac_{lag_1} = -0.01454$ +0.025max\_excursion\_normalised = 1.506 +0.147-0.236D = 0.0004678 $alpha_n_1 = -0.6038$ $\div 0.086$ $alpha_n_2 = 0.0002053$ -0.057-0.004 $alpha_n_3 = 0$ +0 p-variation = 0 prediction 0 0.00 0.25 0.50 0.75 1.00 1.2