## **Break Down profile ATTM** 0.2 intercept mean\_gaussianity = 3.237 +0.058 $p_var_2 = -0.09279$ -0.115fractal\_dimension = 2.448 +0.123 +0.077 $p_var_3 = 0.2661$ -0.068 $p_var_5 = 0.882$ $p_var_1 = -0.5114$ +0.29 alpha = 1.218-0.084 $p_var_4 = 0.592$ -0.187mean\_squared\_displacement\_ratio = -0.008405 -0.013 $alpha_n_3 = 1.509$ +0.002 straightness = 0.09888-0.008max\_excursion\_normalised = 0.2092 -0.002-0.029 $alpha_n_2 = 1.584$ $vac_{lag_1} = -0.1452$ -0.185+0.022 $alpha_n_1 = 1.256$ -0.012D = 1.005p-variation = 3 -0.014prediction 0.055 **CTRW** 0.172 intercept mean\_gaussianity = 3.237 +0.073 $p_var_2 = -0.09279$ +0.188fractal\_dimension = 2.448 +0.13 $p_var_3 = 0.2661$ -0.014 $p_var_5 = 0.882$ +0.1 -0.264 $p_var_1 = -0.5114$ alpha = 1.218+0.112 $p_var_4 = 0.592$ +0.2 mean\_squared\_displacement\_ratio = -0.008405 +0.018 $alpha_n_3 = 1.509$ -0.002straightness = 0.09888+0.009max\_excursion\_normalised = 0.2092 +0.001 $alpha_n_2 = 1.584$ +0.029 $vac_{lag_1} = -0.1452$ +0.186 alpha\_n\_1 = 1.256 -0.022D = 1.005+0.012p-variation = 3 +0.014 prediction 0.944 **FBM** 0.218 intercept mean\_gaussianity = 3.237 -0.125 $p_var_2 = -0.09279$ +0.007fractal\_dimension = 2.448 +0.028 -0.045 $p_var_3 = 0.2661$ $p_var_5 = 0.882$ -0.056 $p_var_1 = -0.5114$ -0.017-0.005alpha = 1.218 $p_var_4 = 0.592$ -0.003mean\_squared\_displacement\_ratio = -0.008405 -0.001 $alpha_n_3 = 1.509$ +0 straightness = 0.09888+0 max\_excursion\_normalised = 0.2092 +0 $alpha_n_2 = 1.584$ +0 $vac_{lag_1} = -0.1452$ +0 alpha n 1 = 1.256+0 D = 1.005+0 p-variation = 3 +0 prediction 0 LW 0.206 intercept mean\_gaussianity = 3.237 +0.02 $p_var_2 = -0.09279$ -0.027-0.188fractal\_dimension = 2.448 -0.009 $p_var_3 = 0.2661$ p var 5 = 0.882+0.02 $p_var_1 = -0.5114$ -0.019alpha = 1.218-0.002 $p_var_4 = 0.592$ +0 mean\_squared\_displacement\_ratio = -0.008405 +0 $alpha_n_3 = 1.509$ +0 straightness = 0.09888+0 max\_excursion\_normalised = 0.2092 +0 $alpha\_n\_2 = 1.584$ +0 $vac_{lag_1} = -0.1452$ +0 $alpha_n_1 = 1.256$ +0 D = 1.005+0 p-variation = 3 +0 prediction 0 **SBM** 0.204 intercept -0.026mean\_gaussianity = 3.237 $p_var_2 = -0.09279$ -0.053-0.094fractal\_dimension = 2.448 $p_var_3 = 0.2661$ -0.008 $p_var_5 = 0.882$ +0.004 $p_var_1 = -0.5114$ +0.011alpha = 1.218-0.021 $p_var_4 = 0.592$ -0.01 mean\_squared\_displacement\_ratio = -0.008405-0.004 $alpha_n_3 = 1.509$ -0.001straightness = 0.09888-0.001max\_excursion\_normalised = 0.2092 +0 $alpha_n_2 = 1.584$ +0 $vac_{lag_1} = -0.1452$ -0.001 $alpha_n_1 = 1.256$ +0 D = 1.005+0 p-variation = 3 +0 prediction 0

0.0

0.4

0.8