## **Break Down profile ATTM** 0.21 intercept mean\_gaussianity = 5.552 +0.077 $p_var_2 = -0.08066$ -0.118+0.133fractal\_dimension = 2.684 $p_var_3 = 0.3165$ +0.2 +0.069 $p_var_4 = 0.6925$ $p_var_1 = -0.5741$ +0.19 $p_var_5 = 1.072$ -0.101alpha = 1.082-0.153mean\_squared\_displacement\_ratio = -0.002756 +0.007straightness = 0.09724-0.031max\_excursion\_normalised = 0.1847 -0.025 $alpha_n_3 = 1.121$ +0.013-0.022 $alpha_n_2 = 1.187$ D = 0.3352-0.022 $vac_{lag_1} = -0.1336$ -0.161 -0.017 $alpha_n_1 = 1.079$ p-variation = 3 -0.030.219 prediction **CTRW** 0.218 intercept mean\_gaussianity = 5.552 +0.055 $p_var_2 = -0.08066$ +0.183fractal\_dimension = 2.684 +0.089 $p_var_3 = 0.3165$ -0.222 $p_var_4 = 0.6925$ +0 -0.164 $p_var_1 = -0.5741$ $p_var_5 = 1.072$ +0.134+0.183 alpha = 1.082mean\_squared\_displacement\_ratio = -0.002756 +0.004 straightness = 0.09724+0.033 max\_excursion\_normalised = 0.1847 +0.023 $alpha_n_3 = 1.121$ -0.016 $alpha_n_2 = 1.187$ +0.028 D = 0.3352+0.021 $vac_{lag_1} = -0.1336$ +0.163 $alpha_n_1 = 1.079$ +0.018 +0.031 p-variation = 3 prediction 0.78 **FBM** 0.178 intercept mean\_gaussianity = 5.552 -0.107+0.01 $p_var_2 = -0.08066$ +0.03 fractal\_dimension = 2.684 +0.018 $p_var_3 = 0.3165$ $p_var_4 = 0.6925$ -0.051 $p_var_1 = -0.5741$ -0.02-0.037 $p_var_5 = 1.072$ alpha = 1.082-0.019-0.001mean\_squared\_displacement\_ratio = -0.002756 straightness = 0.09724+0 max\_excursion\_normalised = 0.1847 -0.001 $alpha_n_3 = 1.121$ +0 $alpha_n_2 = 1.187$ +0 D = 0.3352+0 $vac_{lag_1} = -0.1336$ +0 $alpha_n_1 = 1.079$ +0 p-variation = 3 +0 prediction 0 LW 0.204 intercept mean\_gaussianity = 5.552 +0.021 $p_var_2 = -0.08066$ -0.034fractal\_dimension = 2.684 -0.18 -0.003 $p_var_3 = 0.3165$ p var 4 = 0.6925+0.003 $p_var_1 = -0.5741$ -0.01 $p_var_5 = 1.072$ +0.005 alpha = 1.082-0.005mean\_squared\_displacement\_ratio = -0.002756 +0 straightness = 0.09724+0 max\_excursion\_normalised = 0.1847 +0 $alpha_n_3 = 1.121$ +0 $alpha_n_2 = 1.187$ +0 D = 0.3352+0 $vac_{lag_1} = -0.1336$ +0 $alpha_n_1 = 1.079$ +0 p-variation = 3 +0 prediction 0 **SBM** 0.19 intercept -0.046mean\_gaussianity = 5.552 $p_var_2 = -0.08066$ -0.041-0.073fractal\_dimension = 2.684 $p_var_3 = 0.3165$ +0.007 $p_var_4 = 0.6925$ -0.02 $p_var_1 = -0.5741$ +0.004 $p_var_5 = 1.072$ -0.001alpha = 1.082-0.006mean\_squared\_displacement\_ratio = -0.002756-0.009straightness = 0.09724-0.002max\_excursion\_normalised = 0.1847 +0.003 $alpha_n_3 = 1.121$ +0.002 $alpha_n_2 = 1.187$ -0.005D = 0.3352+0.002 $vac_{lag_1} = -0.1336$ -0.002 $alpha_n_1 = 1.079$ -0.001-0.001p-variation = 3 prediction 0.001 0.00 0.25 0.50 0.75 1.00