## **Break Down profile ATTM** 0.198 intercept $p_var_2 = 0.1001$ -0.076fractal\_dimension = 3.864 +0.049 $p_var_3 = 0.6849$ +0.199 $p_var_4 = 1.243$ +0.037 alpha = 1.039+0.06 mean\_gaussianity = 0.662 -0.119 $p_var_1 = -0.4806$ -0.159 $p_var_5 = 1.762$ -0.05mean\_squared\_displacement\_ratio = -0.007905 +0.004max\_excursion\_normalised = 0.1604 +0.059straightness = 0.2162-0.014 $alpha_n_1 = 1.575$ -0.033-0.054 $alpha_n_3 = 0.7952$ -0.029 $vac_{lag_1} = -0.1233$ -0.005 D = 1.141 $alpha_n_2 = 1.071$ +0.012 p-variation = 4 +0:025 prediction 0.103 **CTRW** 0.194 intercept $p_var_2 = 0.1001$ +0.152fractal\_dimension = 3.864 -0.024 $p_var_3 = 0.6849$ -0.266 $p_{var_4} = 1.243$ -0.052alpha = 1.039-0.002mean\_gaussianity = 0.662 -0.002-0.001 $p_var_1 = -0.4806$ $p_var_5 = 1.762$ +0 mean\_squared\_displacement\_ratio = -0.007905 +0 max\_excursion\_normalised = 0.1604 +0 straightness = 0.2162 +0 $alpha_n_1 = 1.575$ +0 $alpha_n_3 = 0.7952$ +0 $vac_{lag_1} = -0.1233$ +0 D = 1.141+0 $alpha_n_2 = 1.071$ +0 p-variation = 4 +0 prediction 0.001 **FBM** 0.208 intercept $p_var_2 = 0.1001$ +0.013fractal\_dimension = 3.864 +0.08 $p_var_3 = 0.6849$ +0.015-0.045 $p_var_4 = 1.243$ alpha = 1.039-0.077mean\_gaussianity = 0.662 +0.037 $p_var_1 = -0.4806$ -0.046 $p_var_5 = 1.762$ +0.023 mean\_squared\_displacement\_ratio = -0.007905+0.032max\_excursion\_normalised = 0.1604 -0.077 straightness = 0.2162+0.1 $alpha_n_1 = 1.575$ +0.25 $alpha_n_3 = 0.7952$ +0.019 $vac_{lag_1} = -0.1233$ -0.219D = 1.141-0.13 -0.064 $alpha_n_2 = 1.071$ p-variation = 4 +0.004prediction 0.122 LW intercept 0.176 $p_{var_2} = 0.1001$ -0.019fractal\_dimension = 3.864 -0.109 $p_var_3 = 0.6849$ -0.006-0.006 $p_var_4 = 1.243$ alpha = 1.039+0.009-0.031mean\_gaussianity = 0.662 $p_var_1 = -0.4806$ +0 $p_var_5 = 1.762$ -0.002mean\_squared\_displacement\_ratio = -0.007905 +0.014max\_excursion\_normalised = 0.1604 +0.005straightness = 0.2162+0.045alpha\_n\_1 = 1.575 -0.048 $alpha_n_3 = 0.7952$ +0.002 $vac_{lag_1} = -0.1233$ -0.013-0.014D = 1.141alpha n 2 = 1.071-0.002p-variation = 4 +0 prediction 0.001 **SBM** 0.224 intercept p\_var\_2 = 0.1001 -0.07+0.004fractal\_dimension = 3.864 $p_var_3 = 0.6849$ +0.057 $p_{var_4} = 1.243$ +0.066 alpha = 1.039+0.01 mean\_gaussianity = 0.662 +0.116 $p_var_1 = -0.4806$ +0.207 $p_var_5 = 1.762$ +0.029 mean\_squared\_displacement\_ratio = -0.007905-0.05max\_excursion\_normalised = 0.1604 +0.013straightness = 0.2162-0.131-0.169 $alpha_n_1 = 1.575$ +0.034 $alpha_n_3 = 0.7952$ $vac_{lag_1} = -0.1233$ +0.261D = 1.141+0.148 $alpha_n_2 = 1.071$ +0.054 -0.029p-variation = 4 prediction 0.773 0.00 0.25 0.50 0.75 1.00