## Break Down profile **ATTM** 0.196 intercept fractal\_dimension = 3.277 +0.058 $p_var_5 = -0.3298$ +0.078 $p_var_2 = -0.4152$ -0.014mean\_gaussianity = 0.4162 -0.057 $p_var_3 = -0.2946$ +0.052alpha = 0.7757+0.115 $p_var_1 = -0.6488$ +0.035 $vac_{lag_1} = -4.057$ -0.032mean\_squared\_displacement\_ratio = 0.05827 -0.138straightness = 0.09526+0.019 $p_var_4 = -0.2732$ -0.048D = 3.554+0.043max\_excursion\_normalised = 0.5763 +0.054 $alpha_n_1 = 2.153$ -0.053 $alpha_n_3 = 0.6103$ -0.057 $alpha_n_2 = 1.173$ +0.122p-variation = 2 +0.030.405 prediction **CTRW** 0.208 intercept fractal\_dimension = 3.277 -0.018 $p_var_5 = -0.3298$ -0.082 $p_var_2 = -0.4152$ +0.029mean\_gaussianity = 0.4162 -0.044+0.003 $p_var_3 = -0.2946$ alpha = 0.7757+0.004 $p_var_1 = -0.6488$ -0.094 $vac_{lag_1} = -4.057$ -0.002mean\_squared\_displacement\_ratio = 0.05827 -0.001straightness = 0.09526+0.001p var 4 = -0.2732+0.009 D = 3.554-0.009max\_excursion\_normalised = 0.5763 -0.001 $alpha_n_1 = 2.153$ +0.002-0.003 $alpha_n_3 = 0.6103$ $alpha_n_2 = 1.173$ +0.002p-variation = 2 +0.0030.007 prediction **FBM** 0.186 intercept fractal\_dimension = 3.277 +0.072 $p_var_5 = -0.3298$ -0.126 $p_var_2 = -0.4152$ +0.039 mean\_gaussianity = 0.4162 +0.075 $p_var_3 = -0.2946$ +0.03 alpha = 0.7757-0.145-0.042 $p_var_1 = -0.6488$ $vac_{lag_1} = -4.057$ +0.144 mean\_squared\_displacement\_ratio = 0.05827 +0.026 straightness = 0.09526+0.042 $p_var_4 = -0.2732$ +0.068 D = 3.554-0.075max\_excursion\_normalised = 0.5763 -0.255 $alpha_n_1 = 2.153$ +0.017-0.042 $alpha_n_3 = 0.6103$ +0.01 $alpha_n_2 = 1.173$ p-variation = 2 +0 0.024 prediction LW 0.226 intercept $fractal\_dimension = 3.277$ -0.131 $p_var_5 = -0.3298$ +0.082 $p_var_2 = -0.4152$ -0.073-0.033mean\_gaussianity = 0.4162 +0.013 $p_var_3 = -0.2946$ alpha = 0.7757-0.029 $p_var_1 = -0.6488$ -0.048+0.021 $vac_{lag_1} = -4.057$ mean\_squared\_displacement\_ratio = 0.05827 -0.021straightness = 0.09526-0.003 $p_var_4 = -0.2732$ +0.012D = 3.554-0.008max\_excursion\_normalised = 0.5763 +0.005 $alpha_n_1 = 2.153$ +0.013 $alpha_n_3 = 0.6103$ +0.051 alpha\_n\_2 = 1.173 -0.047p-variation = 2 -0.026prediction 0.004 **SBM** 0.184 intercept +0.019 fractal\_dimension = 3.277 +0.048 $p_var_5 = -0.3298$ $p_var_2 = -0.4152$ +0.02 mean\_gaussianity = 0.4162 +0.058 $p_var_3 = -0.2946$ -0.098alpha = 0.7757+0.055 $p_var_1 = -0.6488$ +0.148 $vac_{lag_1} = -4.057$ -0.132mean\_squared\_displacement\_ratio = 0.05827 +0.134straightness = 0.09526-0.059 $p_var_4 = -0.2732$ -0.041D = 3.554+0.048 max\_excursion\_normalised = 0.5763 +0.197 $alpha_n_1 = 2.153$ +0.022 $alpha_n_3 = 0.6103$ +0.051 $alpha_n_2 = 1.173$ -0.087

p-variation = 2

prediction

0.0

0.2

0.4

-0.007

8.0

0.56

0.6