Break Down profile **ATTM** 0.196 intercept mean\_gaussianity = 120.6 +0.305fractal\_dimension = 1.834 +0.351alpha = 0.2072+0.081  $p_var_1 = -0.8821$ -0.069 $p_var_5 = -0.00623$ +0.058 $p_var_2 = -0.1895$ -0.132 $p_var_3 = -0.01245$ -0.004 $vac_{lag_1} = -1.049$ +0 mean\_squared\_displacement\_ratio = 0.03825 -0.024straightness = 0.05078+0.002 $p_var_4 = -0.005326$ -0.243max\_excursion\_normalised = 0.8902 +0.042-0.018 $alpha_n_2 = 1.066$ -0.199  $alpha_n_1 = 0.2927$ -0.113 $alpha_n_3 = 0.2545$ -0.053D = 0.03389p-variation = 2 -0.0940.088 prediction **CTRW** 0.204 intercept mean\_gaussianity = 120.6 -0.083fractal\_dimension = 1.834 -0.036-0.033alpha = 0.2072 $p_var_1 = -0.8821$ +0.079 $p_var_5 = -0.00623$ -0.055 $p_var_2 = -0.1895$ +0.132 $p_var_3 = -0.01245$ +0.002 -0.003 $vac_{lag_1} = -1.049$ mean\_squared\_displacement\_ratio = 0.03825 +0.027straightness = 0.05078+0 p var 4 = -0.005326+0.242max excursion normalised = 0.8902 -0.042 $alpha_n_2 = 1.066$ +0.018+0.199  $alpha_n_1 = 0.2927$  $alpha_n_3 = 0.2545$ +0.112 D = 0.03389+0.053p-variation = 2 +0.094prediction 0.912 **FBM** 0.21 intercept mean\_gaussianity = 120.6 -0.139fractal\_dimension = 1.834 -0.034alpha = 0.2072-0.035+0  $p_var_1 = -0.8821$  $p_var_5 = -0.00623$ -0.001 $p_var_2 = -0.1895$ +0  $p_var_3 = -0.01245$ +0.001  $vac_{lag_1} = -1.049$ +0.004 mean\_squared\_displacement\_ratio = 0.03825 -0.003-0.002straightness = 0.05078 $p_var_4 = -0.005326$ +0 +0 max\_excursion\_normalised = 0.8902  $alpha_n_2 = 1.066$ +0  $alpha_n_1 = 0.2927$ +0  $alpha_n_3 = 0.2545$ +0 D = 0.03389+0 p-variation = 2 +0 prediction 0 LW 0.208 intercept mean\_gaussianity = 120.6 +0.01 fractal\_dimension = 1.834 -0.2-0.01alpha = 0.2072-0.007 $p_var_1 = -0.8821$ -0.001 $p_var_5 = -0.00623$  $p_var_2 = -0.1895$ +0  $p_var_3 = -0.01245$ +0  $vac_{lag_1} = -1.049$ +0 mean\_squared\_displacement\_ratio = 0.03825 +0 straightness = 0.05078+0  $p_var_4 = -0.005326$ +0 max\_excursion\_normalised = 0.8902 +0  $alpha_n_2 = 1.066$ +0  $alpha_n_1 = 0.2927$ +0  $alpha_n_3 = 0.2545$ +0 D = 0.03389+0 p-variation = 2 +0 prediction 0 **SBM** 0.182 intercept mean\_gaussianity = 120.6 -0.094fractal\_dimension = 1.834 -0.081alpha = 0.2072-0.003 $p_var_1 = -0.8821$ -0.003 $p_var_5 = -0.00623$ -0.001 $p_var_2 = -0.1895$ +0  $p_var_3 = -0.01245$ +0.001  $vac_{lag_1} = -1.049$ -0.001mean\_squared\_displacement\_ratio = 0.03825 +0 straightness = 0.05078+0  $p_var_4 = -0.005326$ +0 +0 max\_excursion\_normalised = 0.8902  $alpha_n_2 = 1.066$ +0  $alpha_n_1 = 0.2927$ +0  $alpha_n_3 = 0.2545$ +0 D = 0.03389+0 p-variation = 2 +0 prediction 0 0.0 0.4 8.0