## Break Down profile **ATTM** 0.22 intercept fractal\_dimension = 3.292 +0.057 $p_var_2 = -0.4821$ +0.108 $p_var_5 = -0.3044$ -0.057 $p_var_3 = -0.3496$ +0.027alpha = 0.7646+0.077mean\_gaussianity = 1.223 -0.007vac lag 1 = -6.582-0.12mean\_squared\_displacement\_ratio = 0.02254 -0.13straightness = 0.006695+0.083 $p_var_1 = -0.6984$ -0.13+0.091 $p_var_4 = -0.2957$ D = 2.975-0.003-0.177max\_excursion\_normalised = 2.928 $alpha_n_3 = 0.7305$ -0.007 $alpha_n_1 = 1.183$ -0.008-0.009 $alpha_n_2 = 0.7845$ p-variation = 1 +0.001 prediction 0.015 **CTRW** 0.182 intercept fractal\_dimension = 3.292 -0.026 $p_var_2 = -0.4821$ -0.073 $p_var_5 = -0.3044$ -0.011 $p_var_3 = -0.3496$ +0.008 alpha = 0.7646-0.006mean gaussianity = 1.223 +0.037 $vac_{lag_1} = -6.582$ -0.012mean\_squared\_displacement\_ratio = 0.02254 +0.016 straightness = 0.006695-0.004 $p_var_1 = -0.6984$ -0.104+0.007 $p_var_4 = -0.2957$ D = 2.975-0.002max\_excursion\_normalised = 2.928 +0 $alpha_n_3 = 0.7305$ -0.005 $alpha_n_1 = 1.183$ +0.001 $alpha_n_2 = 0.7845$ -0.001+0.007p-variation = 1 prediction 0.012 **FBM** 0.208 intercept fractal\_dimension = 3.292 +0.053-0.005 $p_var_2 = -0.4821$ $p_var_5 = -0.3044$ -0.066 $p_var_3 = -0.3496$ +0 alpha = 0.7646-0.11mean\_gaussianity = 1.223 -0.01 $vac_{lag_1} = -6.582$ +0.053mean\_squared\_displacement\_ratio = 0.02254 -0.027straightness = 0.006695-0.087-0.008 $p_var_1 = -0.6984$ $p_var_4 = -0.2957$ +0.003 D = 2.975-0.001-0.003max\_excursion\_normalised = 2.928 $alpha_n_3 = 0.7305$ +0 alpha n 1 = 1.183+0 $alpha_n_2 = 0.7845$ +0 p-variation = 1 +0 0 prediction LW intercept 0.168 fractal dimension = 3.292 -0.108 $p_var_2 = -0.4821$ -0.031 $p_var_5 = -0.3044$ +0.041 $p_var_3 = -0.3496$ +0.013 alpha = 0.7646-0.021mean\_gaussianity = 1.223 -0.059+0.009 $vac_{lag_1} = -6.582$ mean\_squared\_displacement\_ratio = 0.02254 -0.012straightness = 0.006695+0.004 $p_var_1 = -0.6984$ -0.005 $p_var_4 = -0.2957$ +0 D = 2.975+0 +0 max\_excursion\_normalised = 2.928 $alpha_n_3 = 0.7305$ +0 $alpha_n_1 = 1.183$ +0 alpha n 2 = 0.7845+0 p-variation = 1 +0 prediction 0 **SBM** 0.222 intercept +0.024fractal\_dimension = 3.292 $p_var_2 = -0.4821$ +0.001 $p_var_5 = -0.3044$ +0.093 $p_var_3 = -0.3496$ -0.048alpha = 0.7646+0.059 mean\_gaussianity = 1.223 +0.04 $vac_{lag_1} = -6.582$ +0.07mean\_squared\_displacement\_ratio = 0.02254 +0.154straightness = 0.006695+0.004 $p_var_1 = -0.6984$ +0.247 $p_var_4 = -0.2957$ -0.101+0.006 D = 2.975max\_excursion\_normalised = 2.928 +0.18 $alpha_n_3 = 0.7305$ +0.012 $alpha_n_1 = 1.183$ +0.007 $alpha_n_2 = 0.7845$ +0.01 -0.008p-variation = 1 0.973 prediction 0.0 0.8 1.2 0.4