Break Down profile **ATTM** 0.202 intercept fractal\_dimension = 4.621 +0.024mean\_gaussianity = 1.392 -0.039 $p_var_5 = 0.9433$ +0.049alpha = 0.892+0.039 $p_var_2 = -0.3456$ +0.01  $p_var_4 = 0.4742$ +0.065 $p_var_3 = 0.0427$ -0.059straightness = 0.01178-0.039 $vac_{ag_1} = -0.6764$ -0.009mean\_squared\_displacement\_ratio = 0.008715 +0.043+0.034 $p_var_1 = -0.6932$ max\_excursion\_normalised = 0.603 -0.069 $alpha_n_3 = 0.8771$ +0.159 $alpha_n_2 = 0.9263$ -0.068 $alpha_n_1 = 1.006$ -0.092+0.008 D = 0.532p-variation = 3 +0.074prediction 0.333 **CTRW** 0.192 intercept fractal\_dimension = 4.621 -0.101 mean\_gaussianity = 1.392 +0.003  $p_var_5 = 0.9433$ -0.026alpha = 0.892-0.032 $p_var_2 = -0.3456$ +0.041p var 4 = 0.4742-0.047p var 3 = 0.0427+0.018 straightness = 0.01178+0  $vac_{lag_1} = -0.6764$ -0.015 mean\_squared\_displacement\_ratio = 0.008715 +0.011 p var 1 = -0.6932-0.046max excursion normalised = 0.603 +0  $alpha_n_3 = 0.8771$ +0 +0  $alpha_n_2 = 0.9263$  $alpha_n_1 = 1.006$ +0 D = 0.532+0 p-variation = 3 +0 prediction 0 **FBM** 0.206 intercept fractal\_dimension = 4.621 +0.092mean\_gaussianity = 1.392 -0.05 $p_var_5 = 0.9433$ -0.175alpha = 0.892+0 +0.021  $p_var_2 = -0.3456$  $p_var_4 = 0.4742$ +0.007 $p_var_3 = 0.0427$ +0.063straightness = 0.01178-0.04 $vac_{ag_1} = -0.6764$ -0.086mean\_squared\_displacement\_ratio = 0.008715 +0.1  $p_var_1 = -0.6932$ -0.134-0.002max\_excursion\_normalised = 0.603  $alpha_n_3 = 0.8771$ +0.001  $alpha_n_2 = 0.9263$ +0 alpha n 1 = 1.006-0.001D = 0.532+0 p-variation = 3 +0 0.002 prediction LW 0.198 intercept fractal dimension = 4.621 -0.072mean\_gaussianity = 1.392 +0.01  $p_var_5 = 0.9433$ +0.137alpha = 0.892-0.058 $p_var_2 = -0.3456$ -0.106 $p_{var_4} = 0.4742$ +0.012  $p_var_3 = 0.0427$ -0.06+0.04straightness = 0.01178+0.174 $vac_{lag_1} = -0.6764$ mean\_squared\_displacement\_ratio = 0.008715 -0.216-0.055 $p_var_1 = -0.6932$ max\_excursion\_normalised = 0.603 -0.001+0.006  $alpha_n_3 = 0.8771$  $alpha_n_2 = 0.9263$ +0 alpha n 1 = 1.006-0.005D = 0.532+0.002p-variation = 3 -0.005prediction 0 SBM 0.202 intercept +0.056fractal\_dimension = 4.621 +0.076 mean\_gaussianity = 1.392  $p_var_5 = 0.9433$ +0.015 alpha = 0.892+0.05  $p_var_2 = -0.3456$ +0.034 $p_var_4 = 0.4742$ -0.037 $p_var_3 = 0.0427$ +0.037 +0.038straightness = 0.01178 $vac_{lag_1} = -0.6764$ -0.065mean\_squared\_displacement\_ratio = 0.008715 +0.062  $p_var_1 = -0.6932$ +0.201 max\_excursion\_normalised = 0.603 +0.072 $alpha_n_3 = 0.8771$ -0.166 $alpha_n_2 = 0.9263$ +0.068  $alpha_n_1 = 1.006$ +0.098 D = 0.532-0.01-0.068p-variation = 3 0.665 prediction 0.00 0.25 0.50 0.75