Break Down profile **ATTM** 0.22 intercept mean\_gaussianity = 43.82 +0.224fractal\_dimension = 2.05 +0.352  $p_var_3 = 0.2528$ +0.017  $p_var_1 = -0.8356$ -0.227+0.3 alpha = 0.1257 $p_var_5 = 0.5189$ +0.063  $p_var_2 = -0.2056$ -0.039mean\_squared\_displacement\_ratio = 0.04265 -0.029 $vac_{lag_1} = -1.697$ +0.013 straightness = 0.04448-0.005max\_excursion\_normalised = 0.7568 -0.026 $p_var_4 = 0.4094$ -0.014-0.111 $alpha_n_3 = 0.09706$  $alpha_n_2 = 0.1125$ -0.438+0.009  $alpha_n_1 = 0.2799$ p-variation = 4 +0.006-0.062D = 0.057730.251 prediction **CTRW** 0.214 intercept mean\_gaussianity = 43.82 -0.012fractal\_dimension = 2.05 -0.047 $\pm 0.021$  $p_var_3 = 0.2528$  $p_var_1 = -0.8356$ +0.257-0.28alpha = 0.1257-0.06 $p_var_5 = 0.5189$ p var 2 = -0.2056+0.039mean\_squared\_displacement\_ratio = 0.04265 +0.028-0.013 $vac_{lag_1} = -1.697$ straightness = 0.04448+0.007+0.026 max\_excursion\_normalised = 0.7568  $p_var_4 = 0.4094$ +0.014  $alpha_n_3 = 0.09706$ +0.111 $alpha_n_2 = 0.1125$ +0.438  $alpha_n_1 = 0.2799$ -0.009p-variation = 4 -0.006D = 0.05773+0.062 prediction 0.749 **FBM** 0.206 intercept mean\_gaussianity = 43.82 -0.145fractal\_dimension = 2.05 -0.037 $p_var_3 = 0.2528$ +0.018  $p_var_1 = -0.8356$ -0.021alpha = 0.1257-0.02 $p_var_5 = 0.5189$ -0.001 $p_var_2 = -0.2056$ +0 mean\_squared\_displacement\_ratio = 0.04265 +0 +0.001  $vac_{lag_1} = -1.697$ straightness = 0.04448-0.001max\_excursion\_normalised = 0.7568 +0  $p_var_4 = 0.4094$ +0  $alpha_n_3 = 0.09706$ +0  $alpha_n_2 = 0.1125$ +0  $alpha_n_1 = 0.2799$ +0 p-variation = 4 +0 D = 0.05773+0 prediction 0 LW 0.2 intercept mean\_gaussianity = 43.82 +0.018 fractal\_dimension = 2.05 -0.197-0.012 $p_var_3 = 0.2528$ -0.008 $p_var_1 = -0.8356$ alpha = 0.1257-0.002 $p_var_5 = 0.5189$ +0  $p_var_2 = -0.2056$ +0 mean\_squared\_displacement\_ratio = 0.04265 +0  $vac_{lag_1} = -1.697$ +0 straightness = 0.04448+0 max excursion normalised = 0.7568 +0  $p_var_4 = 0.4094$ +0  $alpha_n_3 = 0.09706$ +0  $alpha_n_2 = 0.1125$ +0  $alpha_n_1 = 0.2799$ +0 p-variation = 4 +0 D = 0.05773+0 prediction 0 **SBM** 0.16 intercept -0.086mean\_gaussianity = 43.82 fractal\_dimension = 2.05 -0.07 $p_var_3 = 0.2528$ -0.002 $p_var_1 = -0.8356$ -0.002alpha = 0.1257+0.001 $p_var_5 = 0.5189$ -0.001 $p_var_2 = -0.2056$ +0 mean\_squared\_displacement\_ratio = 0.04265 +0.001 $vac_{lag_1} = -1.697$ -0.001straightness = 0.04448+0 max\_excursion\_normalised = 0.7568 +0  $p_var_4 = 0.4094$ +0  $alpha_n_3 = 0.09706$ +0  $alpha_n_2 = 0.1125$ +0  $alpha_n_1 = 0.2799$ +0 p-variation = 4 +0 D = 0.05773+0 prediction 0 0.0 0.4 8.0