## **Break Down profile ATTM** 0.202 intercept fractal\_dimension = 2.485 +0.054mean\_gaussianity = 2.925 +0.131 $p_var_5 = 0.05221$ +0.214alpha = 0.9748+0.004 -0.138 $p_var_2 = -0.2347$ $p_var_1 = -0.6499$ +0.128 $vac_{lag_1} = -1.189$ -0.021 $p_var_3 = 0.01986$ +0.008 mean\_squared\_displacement\_ratio = 0.0065 +0.004 straightness = 0.005695+0.135 $p_var_4 = 0.08447$ -0.55max\_excursion\_normalised = 4.681 +0 -0.021 $alpha_n_3 = 0.8134$ -0.049D = 1.249alpha\_n\_1 = 1.142 -0.076p-variation = 3 -0.006-0.007 $alpha_n_2 = 0.8515$ 0.013 prediction **CTRW** 0.2 intercept fractal\_dimension = 2.485 +0.022mean\_gaussianity = 2.925 +0.188 $p_var_5 = 0.05221$ -0.17alpha = 0.9748+0.033 $p_var_2 = -0.2347$ +0.113 -0.011 $p_var_1 = -0.6499$ $vac_{lag_1} = -1.189$ -0.002 $p_var_3 = 0.01986$ -0.05-0.038mean\_squared\_displacement\_ratio = 0.0065 -0.081straightness = 0.005695 $p_var_4 = 0.08447$ +0.604max\_excursion\_normalised = 4.681 +0.016 $alpha_n_3 = 0.8134$ +0.022 D = 1.249+0.05 $alpha_n_1 = 1.142$ +0.077 p-variation = 3 +0.006+0.007 $alpha_n_2 = 0.8515$ prediction 0.986 **FBM** 0.178 intercept fractal\_dimension = 2.485 +0.048mean\_gaussianity = 2.925 -0.115 $p_var_5 = 0.05221$ -0.097+0.001 alpha = 0.9748 $p_var_2 = -0.2347$ -0.01 $p_var_1 = -0.6499$ -0.002 $vac_{lag_1} = -1.189$ +0.02 $p_var_3 = 0.01986$ +0.05 mean\_squared\_displacement\_ratio = 0.0065 -0.048-0.024straightness = 0.005695 $p_var_4 = 0.08447$ -0.001max\_excursion\_normalised = 4.681 +0 $alpha_n_3 = 0.8134$ +0 D = 1.249+0 $alpha_n_1 = 1.142$ +0 p-variation = 3 +0 $alpha_n_2 = 0.8515$ +0 prediction 0 LW 0.212 intercept fractal dimension = 2.485 -0.106mean\_gaussianity = 2.925 -0.067 $p_var_5 = 0.05221$ +0.054 -0.068alpha = 0.9748 $p_var_2 = -0.2347$ -0.022 $p_var_1 = -0.6499$ -0.002+0.001 $vac_{lag_1} = -1.189$ -0.001 $p_var_3 = 0.01986$ mean\_squared\_displacement\_ratio = 0.0065 +0 straightness = 0.005695+0 $p_var_4 = 0.08447$ +0 max\_excursion\_normalised = 4.681 +0 $alpha_n_3 = 0.8134$ +0 D = 1.249+0 $alpha_n_1 = 1.142$ +0 p-variation = 3 +0 $alpha_n_2 = 0.8515$ +0 prediction 0 SBM 0.208 intercept -0.017fractal\_dimension = 2.485 -0.137mean\_gaussianity = 2.925 $p_var_5 = 0.05221$ -0.001alpha = 0.9748+0.03 $p_var_2 = -0.2347$ +0.057 $p_var_1 = -0.6499$ -0.113 $vac_{lag_1} = -1.189$ +0.001 $p_var_3 = 0.01986$ -0.006mean\_squared\_displacement\_ratio = 0.0065 +0.082 straightness = 0.005695-0.031 $p_var_4 = 0.08447$ -0.052max\_excursion\_normalised = 4.681 -0.016 $alpha_n_3 = 0.8134$ -0.002D = 1.249-0.001 $alpha_n_1 = 1.142$ -0.001p-variation = 3 +0 $alpha_n_2 = 0.8515$ +0 prediction 0 0.0 8.0 1.2 0.4