**Break Down profile ATTM** 0.224 intercept  $p_var_2 = 0.09021$ -0.08fractal\_dimension = 2.087 -0.013-0.004mean\_gaussianity = 2.8  $p_var_3 = 0.3123$ +0.159 $p_var_5 = 0.6842$ -0.072mean\_squared\_displacement\_ratio = -0.006019 +0.063 alpha = 1.15-0.1-0.136 $p_var_1 = -0.3181$  $vac_{ag_1} = 0.00312$ -0.016alpha\_n\_3 = 1.297 +0.004 $p_var_4 = 0.5015$ -0.028straightness = 0.0972+0 +0.001 max\_excursion\_normalised = 0.2898  $alpha_n_2 = 1.342$ -0.001 $alpha_n_1 = 0.9493$ +0 p-variation = 4 +0.002D = 0.0243+0.001prediction 0.005 **CTRW** 0.194 intercept  $p_var_2 = 0.09021$ +0.134fractal\_dimension = 2.087 +0.224mean\_gaussianity = 2.8 +0.179 $p_var_3 = 0.3123$ -0.045 $p_var_5 = 0.6842$ +0.06 mean\_squared\_displacement\_ratio = -0.006019-0.032alpha = 1.15+0.103 $p_var_1 = -0.3181$ +0.137  $vac_{lag_1} = 0.00312$ +0.016  $alpha_n_3 = 1.297$ -0.002 $p_var_4 = 0.5015$ +0.031 straightness = 0.0972+0 max\_excursion\_normalised = 0.2898 -0.001 $alpha_n_2 = 1.342$ +0.001  $alpha_n_1 = 0.9493$ +0 p-variation = 4 -0.002D = 0.0243-0.001prediction 0.995 **FBM** intercept 0.182 $p_var_2 = 0.09021$ +0.015 fractal\_dimension = 2.087 +0.023-0.106mean\_gaussianity = 2.8 -0.09 $p_var_3 = 0.3123$  $p_var_5 = 0.6842$ -0.014mean\_squared\_displacement\_ratio = -0.006019 -0.007-0.001alpha = 1.15 $p_var_1 = -0.3181$ +0.001  $vac_{ag_1} = 0.00312$ +0 -0.001 $alpha_n_3 = 1.297$ -0.002 $p_var_4 = 0.5015$ straightness = 0.0972+0 max\_excursion\_normalised = 0.2898 +0  $alpha_n_2 = 1.342$ +0  $alpha_n_1 = 0.9493$ +0 p-variation = 4 +0 D = 0.0243+0 0 prediction LW 0.218 intercept  $p_var_2 = 0.09021$ -0.019fractal\_dimension = 2.087 -0.152-0.04mean\_gaussianity = 2.8 -0.007  $p_var_3 = 0.3123$ p var 5 = 0.6842+0.019 mean\_squared\_displacement\_ratio = -0.006019 -0.017-0.002alpha = 1.15 $p_var_1 = -0.3181$ +0  $vac_{lag_1} = 0.00312$ +0  $alpha_n_3 = 1.297$ +0  $p_var_4 = 0.5015$ +0 +0 straightness = 0.0972max\_excursion\_normalised = 0.2898 +0  $alpha_n_2 = 1.342$ +0  $alpha_n_1 = 0.9493$ +0 p-variation = 4 +0 D = 0.0243+0 prediction 0 **SBM** 0.182 intercept -0.051 $p_var_2 = 0.09021$ -0.082fractal\_dimension = 2.087 mean\_gaussianity = 2.8 -0.03 $p_var_3 = 0.3123$ -0.016 $p_var_5 = 0.6842$ +0.007mean\_squared\_displacement\_ratio = -0.006019 -0.008alpha = 1.15+0  $p_var_1 = -0.3181$ -0.002 $vac_{lag_1} = 0.00312$ +0  $alpha_n_3 = 1.297$ +0  $p_var_4 = 0.5015$ -0.001+0 straightness = 0.0972max\_excursion\_normalised = 0.2898 +0  $alpha_n_2 = 1.342$ +0  $alpha_n_1 = 0.9493$ +0 p-variation = 4 +0 D = 0.0243+0 prediction 0.00 0.25 0.50 0.75 1.00