## **Break Down profile ATTM** 0.208 intercept mean\_gaussianity = 8.972 +0.139 $p_var_2 = -0.1334$ -0.115fractal\_dimension = 2.119 +0.16 $p_var_5 = -0.05708$ +0.236+0.189 $p_var_1 = -0.496$ mean\_squared\_displacement\_ratio = -0.004192 +0.043p var 3 = -0.02235+0.069-0.076alpha = 1.152 $p_var_4 = -0.02211$ -0.383-0.083 $vac_{lag_1} = -0.2378$ straightness = 0.1123-0.028 $alpha_n_3 = 0.9829$ +0.095 $alpha_n_1 = 1.221$ -0.001 $max_excursion_normalised = 0.3421$ +0.038 -0.103D = 0.8216-0.017 $alpha_n_2 = 1.029$ p-variation = 4 +0.006prediction 0.377 **CTRW** 0.216 intercept mean\_gaussianity = 8.972 +0.057 $p_var_2 = -0.1334$ +0.157+0.105 fractal\_dimension = 2.119 $p_var_5 = -0.05708$ -0.18-0.176 $p_var_1 = -0.496$ -0.041mean\_squared\_displacement\_ratio = -0.004192 $p_var_3 = -0.02235$ -0.069+0.076 alpha = 1.152 $p_var_4 = -0.02211$ +0.382 $vac_{lag_1} = -0.2378$ +0.082 straightness = 0.1123+0.029-0.095 $alpha_n_3 = 0.9829$ alpha\_n\_1 = 1.221 +0.001 -0.037max\_excursion\_normalised = 0.3421 D = 0.8216+0.103 alpha n 2 = 1.029+0.017p-variation = 4 -0.006prediction 0.622 **FBM** 0.198 intercept mean\_gaussianity = 8.972 -0.134 $p_var_2 = -0.1334$ +0.004fractal\_dimension = 2.119 -0.013-0.054 $p_var_5 = -0.05708$ $p_var_1 = -0.496$ -0.001mean\_squared\_displacement\_ratio = -0.004192 +0 $p_var_3 = -0.02235$ +0 alpha = 1.152+0 $p_var_4 = -0.02211$ +0 +0.001 $vac_{lag_1} = -0.2378$ straightness = 0.1123-0.001 $alpha_n_3 = 0.9829$ +0 alpha\_n\_1 = 1.221 +0 $max_excursion_normalised = 0.3421$ +0 D = 0.8216+0 $alpha_n_2 = 1.029$ +0 p-variation = 4 +0 prediction 0 LW 0.174 intercept mean\_gaussianity = 8.972 +0.013 -0.022 $p_var_2 = -0.1334$ fractal\_dimension = 2.119 -0.153+0.001 $p_var_5 = -0.05708$ $p_var_1 = -0.496$ -0.012-0.001mean\_squared\_displacement\_ratio = -0.004192 $p_var_3 = -0.02235$ +0 alpha = 1.152+0 $p_var_4 = -0.02211$ +0 vac lag 1 = -0.2378+0 straightness = 0.1123+0 $alpha_n_3 = 0.9829$ +0 $alpha_n_1 = 1.221$ +0 max\_excursion\_normalised = 0.3421 +0 D = 0.8216+0 $alpha_n_2 = 1.029$ +0 p-variation = 4 +0 0 prediction **SBM** 0.204 intercept -0.074mean\_gaussianity = 8.972 -0.025 $p_var_2 = -0.1334$ fractal\_dimension = 2.119 -0.1 $p_var_5 = -0.05708$ -0.004 $p_var_1 = -0.496$ +0 mean\_squared\_displacement\_ratio = -0.004192 -0.001 $p_var_3 = -0.02235$ +0 alpha = 1.152+0.001 $p_var_4 = -0.02211$ +0.001 $vac_{lag_1} = -0.2378$ +0 straightness = 0.1123-0.001 $alpha_n_3 = 0.9829$ +0 $alpha_n_1 = 1.221$ +0 max\_excursion\_normalised = 0.3421 -0.001D = 0.8216+0 $alpha_n_2 = 1.029$ +0 p-variation = 4 +0

prediction

0.001

0.4

0.0

8.0