## Break Down profile **ATTM** 0.162 intercept $p_var_3 = 0.2592$ +0.088fractal\_dimension = 5.974 -0.01 $p_var_2 = -0.1442$ -0.009alpha = 0.9027+0.082 $p_var_4 = 0.6554$ +0.089 mean\_gaussianity = 0.2961 -0.162 $p_var_1 = -0.5617$ +0.005 $p_var_5 = 1.048$ -0.105 $max\_excursion\_normalised = 0.1036$ -0.024mean\_squared\_displacement\_ratio = 0.006558 +0.045straightness = 0.05362+0.04 $alpha_n_3 = 0.9864$ -0.018 $vac_{lag_1} = -0.03614$ +0.025 +0.021 $alpha_n_2 = 1.122$ -0.063 $alpha_n_1 = 0.6982$ D = 0.02688-0.132+0.002p-variation = 3 prediction 0.037 **CTRW** 0.202 intercept $p_var_3 = 0.2592$ -0.093fractal\_dimension = 5.974 -0.07 $p_var_2 = -0.1442$ +0.035-0.005alpha = 0.9027-0.053 $p_var_4 = 0.6554$ mean gaussianity = 0.2961 -0.013p var 1 = -0.5617-0.003 $p_var_5 = 1.048$ +0 max\_excursion\_normalised = 0.1036 +0 mean\_squared\_displacement\_ratio = 0.006558 +0 straightness = 0.05362+0 $alpha_n_3 = 0.9864$ +0 $vac_{lag_1} = -0.03614$ +0 $alpha_n_2 = 1.122$ +0 $alpha_n_1 = 0.6982$ +0 D = 0.02688+0 p-variation = 3 +0 prediction 0 **FBM** 0.216 intercept $p_var_3 = 0.2592$ +0.007fractal\_dimension = 5.974 +0.087 $p_var_2 = -0.1442$ +0.078 alpha = 0.9027-0.17-0.014 $p_var_4 = 0.6554$ mean\_gaussianity = 0.2961 +0.09 $p_var_1 = -0.5617$ -0.115 $p_var_5 = 1.048$ -0.028 -0.065max\_excursion\_normalised = 0.1036 -0.012 mean\_squared\_displacement\_ratio = 0.006558 straightness = 0.05362+0.02 $alpha_n_3 = 0.9864$ -0.02 $vac_{lag_1} = -0.03614$ -0.018 $alpha_n_2 = 1.122$ -0.013alpha n 1 = 0.6982-0.005-0.014D = 0.02688p-variation = 3 -0.008 prediction 0.014 LW 0.228 intercept $p_var_3 = 0.2592$ -0.01 $fractal\_dimension = 5.974$ -0.012 $p_var_2 = -0.1442$ -0.079 alpha = 0.9027+0.003 $p_var_4 = 0.6554$ -0.009mean\_gaussianity = 0.2961 -0.027 $p_var_1 = -0.5617$ -0.018+0.114 $p_var_5 = 1.048$ max\_excursion\_normalised = 0.1036 +0.028 mean squared displacement ratio = 0.006558 -0.167 straightness = 0.05362-0.004 $alpha_n_3 = 0.9864$ -0.003 $vac_{lag_1} = -0.03614$ -0.026 $alpha_n_2 = 1.122$ -0.011alpha n 1 = 0.6982-0.003D = 0.02688+0.006 p-variation = 3 -0.009prediction 0 SBM 0.192 intercept $p_var_3 = 0.2592$ +0.008 $fractal\_dimension = 5.974$ +0.005 $p_var_2 = -0.1442$ -0.025alpha = 0.9027+0.091 $p_var_4 = 0.6554$ -0.013mean\_gaussianity = 0.2961 +0.112 $p_var_1 = -0.5617$ +0.132 $p_var_5 = 1.048$ +0.019 max\_excursion\_normalised = 0.1036 +0.061 mean\_squared\_displacement\_ratio = 0.006558 +0.133straightness = 0.05362-0.056 $alpha_n_3 = 0.9864$ +0.041 $vac_{lag_1} = -0.03614$ +0.019 $alpha_n_2 = 1.122$ +0.003 $alpha_n_1 = 0.6982$ +0.071 D = 0.02688+0.141 p-variation = 3 +0.016 0.949 prediction 0.0 0.4 8.0

0.2

0

-8

-6

-2

0

2

ATTM