## **Break Down profile ATTM** 0.226 intercept $p_var_2 = -0.789$ +0.14 fractal\_dimension = 3.653 +0.141 $p_var_5 = -0.7569$ +0.008 alpha = 0.2129+0.107 $p_var_1 = -0.8639$ +0.063 -0.025 $p_var_3 = -0.7517$ mean gaussianity = 0.6628 -0.111straightness = 0.03327+0.076 $alpha_n_2 = 1.891$ -0.052max\_excursion\_normalised = 0.8097 -0.079 $vac_{lag_1} = -0.2943$ +0.084 $p_var_4 = -0.7428$ -0.102-0.18mean\_squared\_displacement\_ratio = 0.2129 -0.075p-variation = 0 -0.153 $alpha_n_3 = 0.2067$ -0.032 $alpha_n_1 = 0.0503$ D = 0.05297-0.023prediction 0.012 **CTRW** 0.186 intercept $p_var_2 = -0.789$ -0.104fractal\_dimension = 3.653 -0.017 $p_var_5 = -0.7569$ -0.014alpha = 0.2129-0.012 $p_var_1 = -0.8639$ +0.006p var 3 = -0.7517-0.005mean\_gaussianity = 0.6628 -0.028straightness = 0.03327+0.003 $alpha_n_2 = 1.891$ -0.003max\_excursion\_normalised = 0.8097 +0.001 $vac_{lag_1} = -0.2943$ +0.002 $p_var_4 = -0.7428$ +0 mean squared displacement ratio = 0.2129 +0.002 +0.002p-variation = 0 $alpha_n_3 = 0.2067$ -0.012alpha n 1 = 0.0503+0.002 D = 0.05297+0 prediction 0.008 **FBM** intercept 0.206 $p_var_2 = -0.789$ +0.004 fractal\_dimension = 3.653 +0.024-0.072 $p_var_5 = -0.7569$ alpha = 0.2129-0.019 $p_var_1 = -0.8639$ +0 $p_var_3 = -0.7517$ +0.024 mean\_gaussianity = 0.6628 +0.08 straightness = 0.03327-0.072 $alpha_n_2 = 1.891$ -0.072-0.045max\_excursion\_normalised = 0.8097 $vac_{lag_1} = -0.2943$ -0.003 $p_var_4 = -0.7428$ +0.086 mean\_squared\_displacement\_ratio = 0.2129 +0.015 p-variation = 0 -0.066 $alpha_n_3 = 0.2067$ +0.072 $alpha_n_1 = 0.0503$ +0.005-0.136D = 0.05297prediction 0.031 LW intercept 0.17 $p_var_2 = -0.789$ -0.023fractal\_dimension = 3.653 -0.118 +0,037 $p_var_5 = -0.7569$ alpha = 0.2129-0.035 $p_var_1 = -0.8639$ -0.019 $p_var_3 = -0.7517$ -0.001-0.009mean\_gaussianity = 0.6628 straightness = 0.03327+0 $alpha_n_2 = 1.891$ +0 max\_excursion\_normalised = 0.8097 +0 +0.002 $vac_{lag_1} = -0.2943$ +0.002 $p_var_4 = -0.7428$ -0.003mean\_squared\_displacement\_ratio = 0.2129 -0.001p-variation = 0 $alpha_n_3 = 0.2067$ +0 $alpha_n_1 = 0.0503$ +0 D = 0.05297+0 prediction 0 SBM 0.212 intercept $p_var_2 = -0.789$ -0.017fractal\_dimension = 3.653 -0.03 $p_var_5 = -0.7569$ +0.041alpha = 0.2129-0.041 $p_var_1 = -0.8639$ -0.05 $p_var_3 = -0.7517$ +0.007mean\_gaussianity = 0.6628 +0.069 -0.007straightness = 0.03327 $alpha_n_2 = 1.891$ +0.126max\_excursion\_normalised = 0.8097 +0.124 $vac_{ag_1} = -0.2943$ -0.084 $p_var_4 = -0.7428$ +0.015 mean\_squared\_displacement\_ratio = 0.2129 +0.166p-variation = 0 +0.14 $alpha_n_3 = 0.2067$ +0.093 $alpha_n_1 = 0.0503$ +0.025 D = 0.05297+0.159 prediction 0.948 0.0 0.8 0.4