**Break Down profile ATTM** 0.21 intercept  $p_var_3 = 0.6538$ +0.141  $p_var_2 = 0.1939$ -0.023fractal\_dimension = 3.307 +0.149 $p_var_4 = 1.062$ +0.039 alpha = 1.074+0.08  $vac_{lag_1} = 0.824$ -0.044 $p_{var_5} = 1.443$ -0.066mean\_gaussianity = 1.079 -0.086+0.087 mean\_squared\_displacement\_ratio = -0.003432  $p_var_1 = -0.358$ +0.005max\_excursion\_normalised = 0.1663 -0.045alpha\_n\_1 = 1.772 +0.04-0.16straightness = 0.3025-0.012D = 1.496-0.112 $alpha_n_3 = 0.6278$ -0.097 $alpha_n_2 = 0.9293$ p-variation = 4 -0.029prediction 0.078 **CTRW** 0.22 intercept  $p_var_3 = 0.6538$ -0.145  $p_var_2 = 0.1939$ +0.036fractal\_dimension = 3.307 -0.048 $p_var_4 = 1.062$ -0.053alpha = 1.074-0.002vac lag 1 = 0.824-0.004 $p_var_5 = 1.443$ +0.034mean\_gaussianity = 1.079 +0.022mean\_squared\_displacement\_ratio = -0.003432 +0.036  $p_var_1 = -0.358$ -0.093max\_excursion\_normalised = 0.1663 +0 alpha\_n\_1 = 1.772 +0.001 straightness = 0.3025 -0.001-0.001D = 1.496 $alpha_n_3 = 0.6278$ -0.001 $alpha_n_2 = 0.9293$ -0.001p-variation = 4 +0 prediction 0.001 **FBM** intercept 0.182  $p_var_3 = 0.6538$ +0.007 $p_var_2 = 0.1939$ +0.02fractal\_dimension = 3.307 +0.019  $p_var_4 = 1.062$ -0.043alpha = 1.074-0.045 $vac_{lag_1} = 0.824$ +0.018  $p_{var_5} = 1.443$ -0.034mean\_gaussianity = 1.079 +0.002 mean\_squared\_displacement\_ratio = -0.003432 -0.067 $p_var_1 = -0.358$ +0.013 max\_excursion\_normalised = 0.1663 -0.054 $alpha_n_1 = 1.772$ +0.071straightness = 0.3025-0.044-0.033D = 1.496 $alpha_n_3 = 0.6278$ +0.004 $alpha_n_2 = 0.9293$ -0.007-0.003p-variation = 4 prediction 0.007 LW 0.176 intercept  $p_var_3 = 0.6538$ -0.006 $p_var_2 = 0.1939$ -0.003fractal\_dimension = 3.307 -0.114+0.01 $p_var_4 = 1.062$ alpha = 1.074-0.006 $vac_{lag_1} = 0.824$ -0.023+0.037  $p_var_5 = 1.443$ mean\_gaussianity = 1.079 -0.063mean\_squared\_displacement\_ratio = -0.003432 -0.007 $p_var_1 = -0.358$ +0 max\_excursion\_normalised = 0.1663 +0 alpha\_n\_1 = 1.772 +0.001 straightness = 0.3025+0 -0.001D = 1.496 $alpha_n_3 = 0.6278$ +0  $alpha_n_2 = 0.9293$ +0 p-variation = 4 +0 prediction 0 **SBM** 0.212 intercept +0.002  $p_var_3 = 0.6538$ -0.029 $p_var_2 = 0.1939$ fractal\_dimension = 3.307 -0.006 $p_var_4 = 1.062$ +0.047alpha = 1.074-0.026 $vac_{lag_1} = 0.824$ +0.052  $p_var_5 = 1.443$ +0.028 mean\_gaussianity = 1.079 +0.124mean\_squared\_displacement\_ratio = -0.003432-0.048 $p_var_1 = -0.358$ +0.075max\_excursion\_normalised = 0.1663 +0.099 -0.113 $alpha_n_1 = 1.772$ straightness = 0.3025+0.204D = 1.496+0.046 $alpha_n_3 = 0.6278$ +0.108  $alpha_n_2 = 0.9293$ +0.105 +0.033 p-variation = 4 0.913 prediction 0.0 0.4 0.8