## **Break Down profile ATTM** 0.194 intercept mean\_gaussianity = 6.346 +0.102fractal\_dimension = 1.901 +0.217 $p_var_2 = -0.06314$ -0.225 $p_var_3 = 0.2702$ +0.085 mean\_squared\_displacement\_ratio = -0.01468 -0.029 $p_var_5 = 0.8099$ +0.025p var 1 = -0.4846+0.328alpha = 1.091-0.143 $p_var_4 = 0.5576$ -0.233 $vac_{lag_1} = -1.527$ -0.074-0.054straightness = 0.2067max\_excursion\_normalised = 0.4649 -0.016+0.166 $alpha_n_3 = 1.206$ $alpha_n_2 = 1.593$ +0.005-0.144D = 2.269-0.092alpha n 1 = 1.567p-variation = 4 -0.013prediction 0.1 **CTRW** 0.19 intercept mean\_gaussianity = 6.346 +0.059fractal\_dimension = 1.901 +0.123 $p_var_2 = -0.06314$ +0.249 $p_var_3 = 0.2702$ -0.038mean\_squared\_displacement\_ratio = -0.01468 +0.041 $p_var_5 = 0.8099$ -0.006-0.329 $p_var_1 = -0.4846$ alpha = 1.091+0.147 $p_var_4 = 0.5576$ +0.236 $vac_{lag_1} = -1.527$ +0.065 straightness = 0.2067+0.059max excursion normalised = 0.4649 +0.025 $alpha_n_3 = 1.206$ -0.166-0.005 $alpha_n_2 = 1.593$ D = 2.269+0.143 $alpha_n_1 = 1.567$ +0.093p-variation = 4 +0.013 prediction 0.9 **FBM** 0.214 intercept mean\_gaussianity = 6.346 -0.138fractal\_dimension = 1.901 -0.006-0.007 $p_var_2 = -0.06314$ $p_var_3 = 0.2702$ -0.028mean\_squared\_displacement\_ratio = -0.01468 -0.007 $p_var_5 = 0.8099$ -0.026 $p_var_1 = -0.4846$ +0.003alpha = 1.091-0.005 $p_var_4 = 0.5576$ -0.001 $vac_{lag_1} = -1.527$ +0.007straightness = 0.2067+0 -0.007max\_excursion\_normalised = 0.4649 $alpha_n_3 = 1.206$ +0 $alpha_n_2 = 1.593$ +0 D = 2.269+0 $alpha_n_1 = 1.567$ +0 p-variation = 4 +0 prediction 0 LW 0.196 intercept mean\_gaussianity = 6.346 +0.026 fractal\_dimension = 1.901 -0.191 $p_var_2 = -0.06314$ -0.011 $p_var_3 = 0.2702$ -0.015mean\_squared\_displacement\_ratio = -0.01468 -0.005 $p_var_5 = 0.8099$ +0.006 $p_var_1 = -0.4846$ -0.005alpha = 1.091+0.001 $p_var_4 = 0.5576$ +0.001 vac lag 1 = -1.527+0.002 -0.004straightness = 0.2067max\_excursion\_normalised = 0.4649 -0.001 $alpha_n_3 = 1.206$ +0 $alpha_n_2 = 1.593$ +0 D = 2.269+0 $alpha_n_1 = 1.567$ +0 p-variation = 4 +0 0 prediction SBM 0.206 intercept -0.049mean\_gaussianity = 6.346 -0.144fractal\_dimension = 1.901 $p_var_2 = -0.06314$ -0.006 $p_var_3 = 0.2702$ -0.004mean\_squared\_displacement\_ratio = -0.01468 -0.001 $p_var_5 = 0.8099$ +0.001 $p_var_1 = -0.4846$ +0.003 alpha = 1.091+0 $p_var_4 = 0.5576$ -0.004 $vac_{lag_1} = -1.527$ +0 straightness = 0.2067-0.001max\_excursion\_normalised = 0.4649 -0.001 $alpha_n_3 = 1.206$ +0 $alpha_n_2 = 1.593$ +0 D = 2.269+0.001 $alpha_n_1 = 1.567$ -0.001p-variation = 4 +0 prediction 0 0.0 8.0 0.4