## Break Down profile **ATTM** 0.244 intercept mean\_gaussianity = 5.553 +0.086 fractal\_dimension = 2.346 +0.231 $p_var_5 = -0.2177$ +0.213 $p_var_1 = -0.8056$ +0 $p_var_3 = -0.1344$ -0.23 $p_var_2 = -0.3824$ +0.164 +0.003 alpha = 0.7832 $vac_{lag_1} = -1.202$ -0.068mean\_squared\_displacement\_ratio = 0.01425 +0.044straightness = 0.03152+0.088 $p_var_4 = -0.144$ -0.618max\_excursion\_normalised = 0.8615 +0.181 +0.048 $alpha_n_2 = 1.116$ $alpha_n_3 = 0.9422$ +0.116-0.014 $alpha_n_1 = 0.9106$ -0.135D = 0.4317p-variation = 2 +0.0470.399 prediction **CTRW** 0.172 intercept mean\_gaussianity = 5.553 +0.061 fractal\_dimension = 2.346 +0.06 $p_var_5 = -0.2177$ -0.15 $p_var_1 = -0.8056$ +0.062+0.245 $p_var_3 = -0.1344$ $p_var_2 = -0.3824$ -0.166alpha = 0.7832-0.006 $vac_{lag_1} = -1.202$ +0.025mean\_squared\_displacement\_ratio = 0.01425 -0.064-0.035straightness = 0.03152 $p_var_4 = -0.144$ +0.631 max\_excursion\_normalised = 0.8615 -0.173-0.048 $alpha_n_2 = 1.116$ -0.116 $alpha_n_3 = 0.9422$ $alpha_n_1 = 0.9106$ +0.014 D = 0.4317+0.135p-variation = 2 -0.0470.601 prediction **FBM** 0.184 intercept mean\_gaussianity = 5.553 -0.106fractal\_dimension = 2.346 +0.011 $p_var_5 = -0.2177$ -0.084-0.003 $p_var_1 = -0.8056$ $p_var_3 = -0.1344$ +0 $p_var_2 = -0.3824$ +0.003 +0.002 alpha = 0.7832 $vac_{ag_1} = -1.202$ +0.044mean\_squared\_displacement\_ratio = 0.01425 -0.009straightness = 0.03152-0.034 $p_var_4 = -0.144$ -0.005max\_excursion\_normalised = 0.8615 -0.004 $alpha_n_2 = 1.116$ +0 $alpha_n_3 = 0.9422$ +0 $alpha_n_1 = 0.9106$ +0 D = 0.4317+0 p-variation = 2 +0 prediction 0 LW 0.19 intercept mean\_gaussianity = 5.553 +0.025fractal\_dimension = 2.346 -0.188+0.034 $p_var_5 = -0.2177$ -0.044 $p_var_1 = -0.8056$ $p_var_3 = -0.1344$ -0.015 $p_var_2 = -0.3824$ -0.002+0 alpha = 0.7832+0.001 $vac_{lag_1} = -1.202$ mean\_squared\_displacement\_ratio = 0.01425 -0.001straightness = 0.03152+0 $p_var_4 = -0.144$ +0 max\_excursion\_normalised = 0.8615 +0 alpha\_n\_2 = 1.116 +0 $alpha_n_3 = 0.9422$ +0 $alpha_n_1 = 0.9106$ +0 D = 0.4317+0 p-variation = 2 +0 prediction 0 **SBM** 0.21 intercept -0.065mean\_gaussianity = 5.553 fractal\_dimension = 2.346 -0.114-0.013 $p_var_5 = -0.2177$ $p_var_1 = -0.8056$ -0.016 $p_var_3 = -0.1344$ +0 $p_var_2 = -0.3824$ +0.002alpha = 0.7832+0.002 $vac_{lag_1} = -1.202$ -0.003mean\_squared\_displacement\_ratio = 0.01425 +0.029 straightness = 0.03152-0.019 $p_var_4 = -0.144$ -0.009-0.004max\_excursion\_normalised = 0.8615 $alpha_n_2 = 1.116$ +0 $alpha_n_3 = 0.9422$ +0

 $alpha_n_1 = 0.9106$ +0 D = 0.4317+0 p-variation = 2 +0 prediction 0 0.00 0.25 0.50 0.75 1.00