Break Down profile **ATTM** 0.21 intercept fractal_dimension = 3.619 +0.061 $p_var_5 = 0.5831$ +0.021 $p_var_2 = -0.2873$ +0.033mean_gaussianity = 0.8351 -0.095+0.188 alpha = 0.566 $p_var_1 = -0.6405$ +0.055mean_squared_displacement_ratio = 0.08304 -0.181+0.066 straightness = 0.05533 $vac_{ag_1} = -0.8296$ -0.15-0.057 $p_var_3 = 0.0298$ $p_{var_4} = 0.316$ +0.103max_excursion_normalised = 0.8373 -0.047D = 0.2693-0.018 $alpha_n_3 = 0.4544$ -0.052 $alpha_n_1 = 0.8386$ -0.003 $alpha_n_2 = 0.6007$ +0.074 p-variation = 1 +0.04 prediction 0.247 **CTRW** 0.218 intercept fractal_dimension = 3.619 -0.045 $p_var_5 = 0.5831$ -0.02 $p_var_2 = -0.2873$ +0.028 mean_gaussianity = 0.8351 +0.019 alpha = 0.566-0.003 $p_var_1 = -0.6405$ -0.149mean_squared_displacement ratio = 0.08304 -0.028straightness = 0.05533+0.006 -0.002 $vac_{lag_1} = -0.8296$ -0.018 $p_var_3 = 0.0298$ $p_{var_4} = 0.316$ +0 max_excursion_normalised = 0.8373 +0 D = 0.2693-0.002 $alpha_n_3 = 0.4544$ -0.001 $alpha_n_1 = 0.8386$ +0.001 $alpha_n_2 = 0.6007$ +0 p-variation = 1 +0.002 prediction 0.005 **FBM** 0.2 intercept fractal_dimension = 3.619 +0.067 $p_var_5 = 0.5831$ -0.108+0.059 $p_var_2 = -0.2873$ mean_gaussianity = 0.8351 +0.067alpha = 0.566-0.143 $p_var_1 = -0.6405$ -0.008mean_squared_displacement_ratio = 0.08304 ± 0.017 straightness = 0.05533-0.053+0.014 $vac_{ag_1} = -0.8296$ $p_var_3 = 0.0298$ +0.062 $p_var_4 = 0.316$ +0.075max_excursion_normalised = 0.8373 -0.144D = 0.2693+0.047 $alpha_n_3 = 0.4544$ +0.052 -0.061 $alpha_n_1 = 0.8386$ $alpha_n_2 = 0.6007$ -0.018+0.027 p-variation = 1 prediction 0.151 LW intercept 0.186 fractal_dimension = 3.619 -0.103 $p_var_5 = 0.5831$ +0.09 $p_var_2 = -0.2873$ -0.076mean_gaussianity = 0.8351 -0.055-0.036alpha = 0.566 $p_var_1 = -0.6405$ -0.005mean_squared_displacement_ratio = 0.08304 +0 straightness = 0.05533+0 $vac_{ag_1} = -0.8296$ +0 $p_var_3 = 0.0298$ +0 $p_var_4 = 0.316$ +0 max_excursion_normalised = 0.8373 +0 D = 0.2693+0.006 $alpha_n_3 = 0.4544$ +0.003 $alpha_n_1 = 0.8386$ -0.009 $alpha_n_2 = 0.6007$ +0 p-variation = 1 -0.0010 prediction **SBM** 0.186 intercept fractal_dimension = 3.619 +0.02 $p_var_5 = 0.5831$ +0.017 $p_var_2 = -0.2873$ -0.044 mean_gaussianity = 0.8351 +0.065alpha = 0.566-0.006 $p_var_1 = -0.6405$ +0.107 mean_squared_displacement_ratio = 0.08304 +0.193straightness = 0.05533-0.018 $vac_{lag_1} = -0.8296$ +0.138+0.013 $p_var_3 = 0.0298$ $p_var_4 = 0.316$ -0.179max_excursion_normalised = 0.8373 +0.192 -0.034D = 0.2693 $alpha_n_3 = 0.4544$ -0.002 $alpha_n_1 = 0.8386$ +0.073 $alpha_n_2 = 0.6007$ -0.056-0.068p-variation = 1 0.597 prediction 0.00 0.25 0.50 0.75

0

-6

-2

0

2

FBM