The manuscript describes four variations of the widely used two-part Markov chain model with the aim of preserving the short and long resolution variability in rainfall. Of the four variations, only one appears to perform adequately. Authors have revised the earlier manuscript taking into account the comments made by the reviewers. The manuscript is suitable for publication subject to making the changes listed below.

Page 3, Lines 62-63: Delete the sentence " While other …… type models." and the relevant reference as the point process models are for short duration rainfall and hence it is not relevant to the current manuscript

Page 4, Line 86:   Delete "calculated" (repeated)

Page 4, Line 87:   Delete "which"

Page 11, Line 333:   Delete (same as Line 341)

Page 11, Line 337:   Delete (same as Line 343)

Page 14, Line 453:   Delete "and the MC model"

Page 16, Line 534:   Change "is best" to "is the best"