

Interactive comment on “Gains from modelling dependence of rainfall variables into a stochastic model: application of the copula approach at several sites” by P. Cantet and P. Arnaud

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Indeed a similar version of this paper was submitted to the Atmospheric Research (AR) Journal last year.

Nevertheless, the content of this new version was obviously changed. The introduction has been totally modified in order to focus the paper on the topic of rainfall quantile estimation and some referee remarks was taken into consideration. For example, the Genest-Remillard test has been performed to validate the Frank copula (See line 3-11 p.11241).

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As the methodology remains unchanged, the referee is to keep his negative opinion. I will be pleased to respond to his comments about the new version. All contributions are welcome to improve the quality of the paper.

Note that the second referee (of the AR submission) was accepted the previous paper with minor revisions. According to him, it was an interesting paper but the major problem was the poor English. That's why, the new manuscript was corrected by a mother tongue proof reader.

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