You will see that your paper has received two reviews, and you are now invited to respond to them with author comments. After that I will be asked to decide whether the paper should be resubmitted or rejected - please do not spend time preparing a new version until we reach that stage, and I have seen your responses. Please do consider very carefully the comments of both reviewers. Although they come from very different perspectives, they illustrate that you have missed the mark with both your potential audiences: the data practitioner who found the paper aimed (if she'll forgive me for the paraphrase), above her head; and the expert in uncertainty quantification who felt among other things that you had not cited the most relevant literature and were not therefore really addressing the constituency most likely to engage with the paper. In making your responses therefore you may want to reconsider whether you can effectively address both audiences you claimed to be targeting. You should also address how you will shorten the paper as I agree with rev 2 that the paper needs to be much shorter.

I look forward to reading your responses so that I can consider how to proceed.