**Interactive comment on** “Multiple Causes of Nonstationarity in the Weihe Annual Low Flow Series” by Bin Xiong et al.

**Anonymous Referee #1**

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2. There are no exact and/or results included in the Abstract section. Or only limited words describing results. More details and particularly in a quantitative way should be provided for description of results and conclusions.

3. In Introduction section, it was noticed that there are numerous researches focused on nonstationary low flow frequency analysis. However, no novel points were listed and hence research motivations were not well justified. Besides, as a tributary of the Yellow River, evaporation or evapotranspiration, irrigation, population, GDP and so on should be included as factors influencing low flow changes. Related works have been done using Budyko framework by Prof. Dawen Yang from Tsinghua University and Prof. Qiang Zhang from Beijing Normal University and other colleagues from China. Besides, I still have no idea about how the authors developed the framework to evaluate low flow frequency from a nonstationary perspective.

4. In Method section, a working framework should be formulated besides some descriptions.

5. Why the authors choose Weihe River basin as a case study? Are there any unique features of the study region when compared to other alternative rivers?