

## ***Interactive comment on “Contrasts between chemical and physical estimates of baseflow help discern multiple sources of water contributing to rivers” by I. Cartwright et al.***

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We thank this reviewer for the continued interest in this paper. Many of these comments (the use of CI rather than EC and the characterisation of the endmembers) were raised elsewhere and we will certainly take them into account in the final manuscript. As to the importance of the upper catchment, while it is true that water from the upper catchment could be considered as a distinct source. Volumetrically much of the water in the Barwon Catchment derives from the areas on the cleared plains (this is from data from the various gauges from in the catchment). This is an interesting point that we can cover in our introduction to the area.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 5943, 2013.