CCHydro18 –
more of the same or a real surplus?

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Background, Swiss regime changes with CH2011

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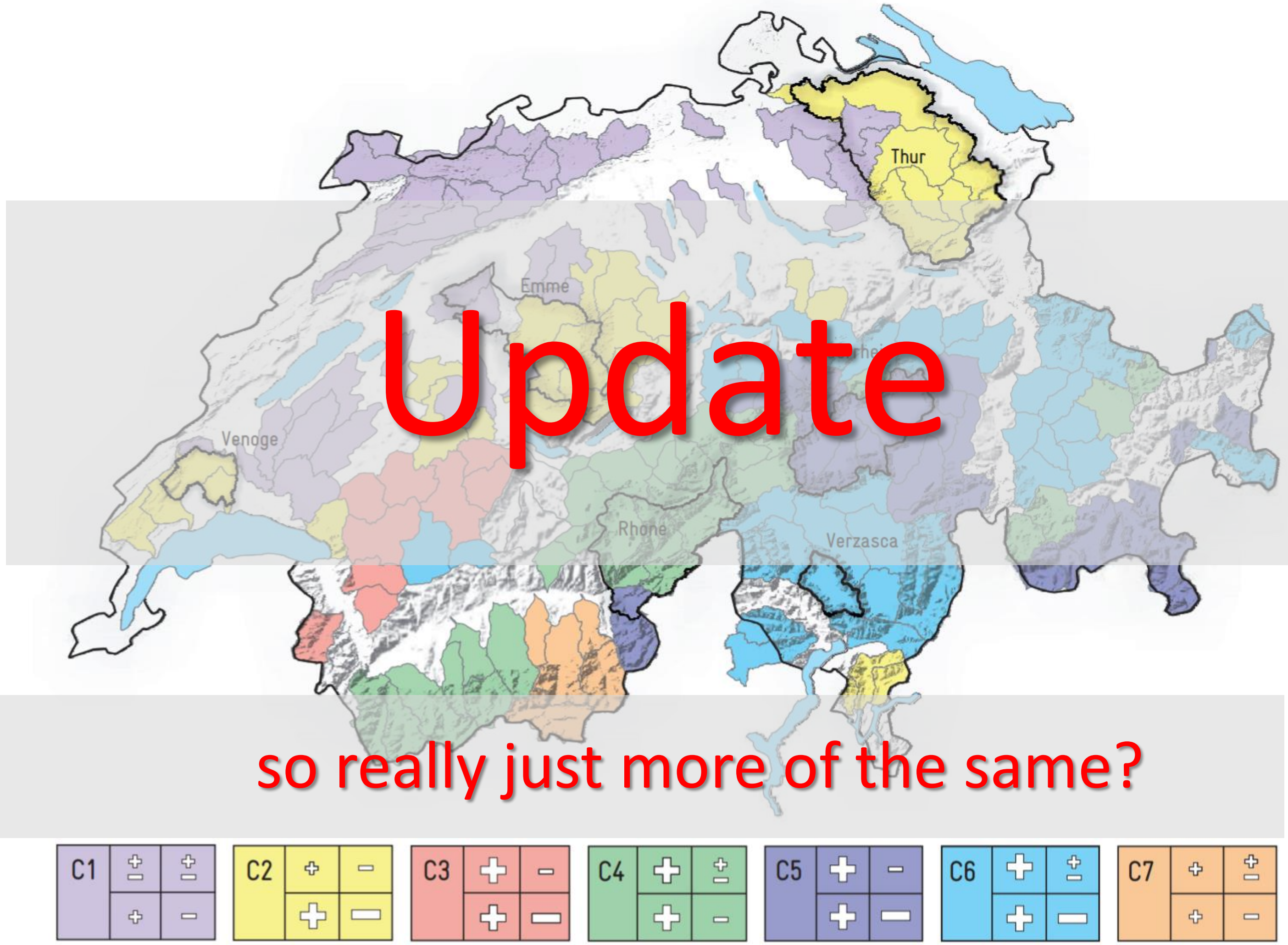
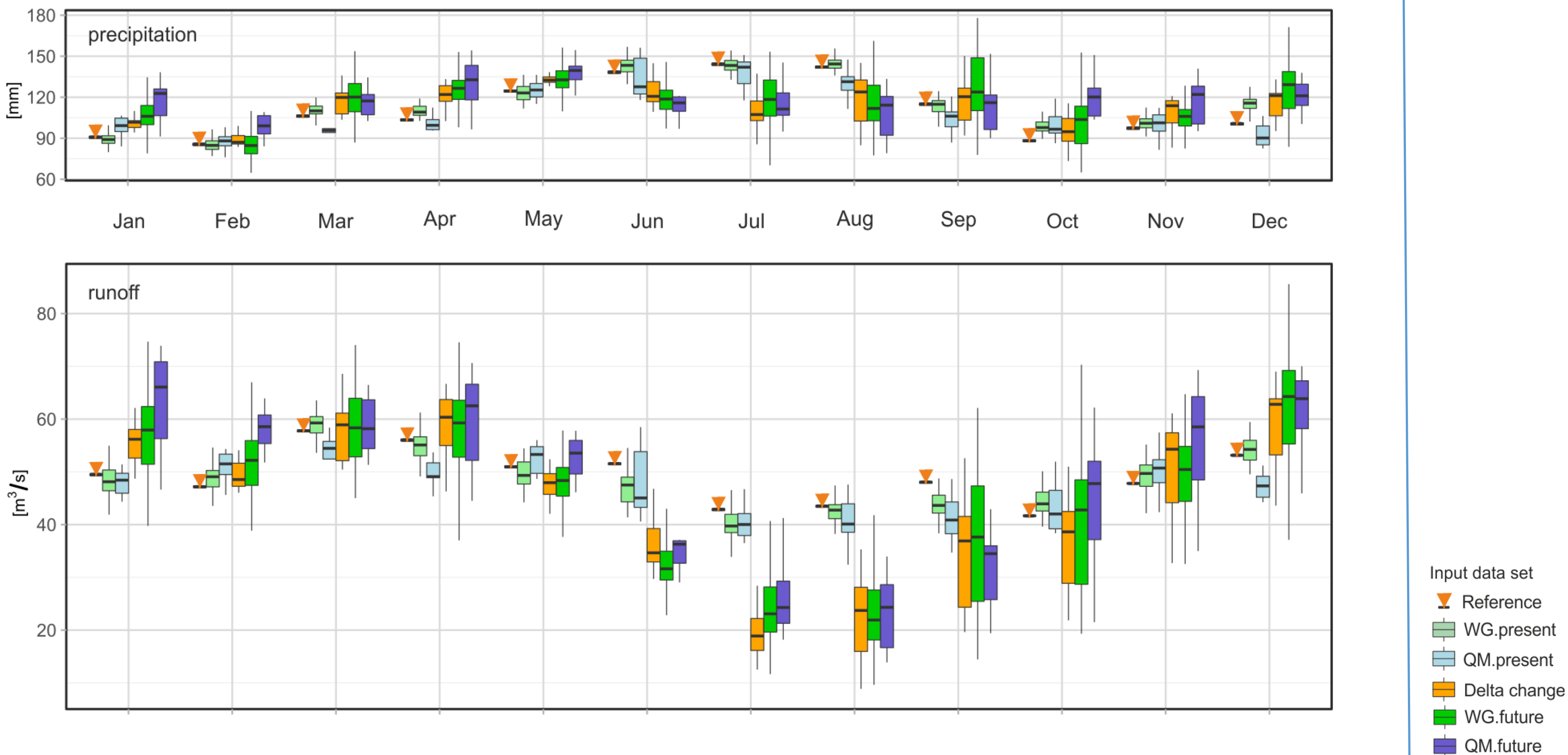


Köplin et al. 2012, CH2014 Impacts

Surplus of quantile mapping in CH2018 – a Thur example

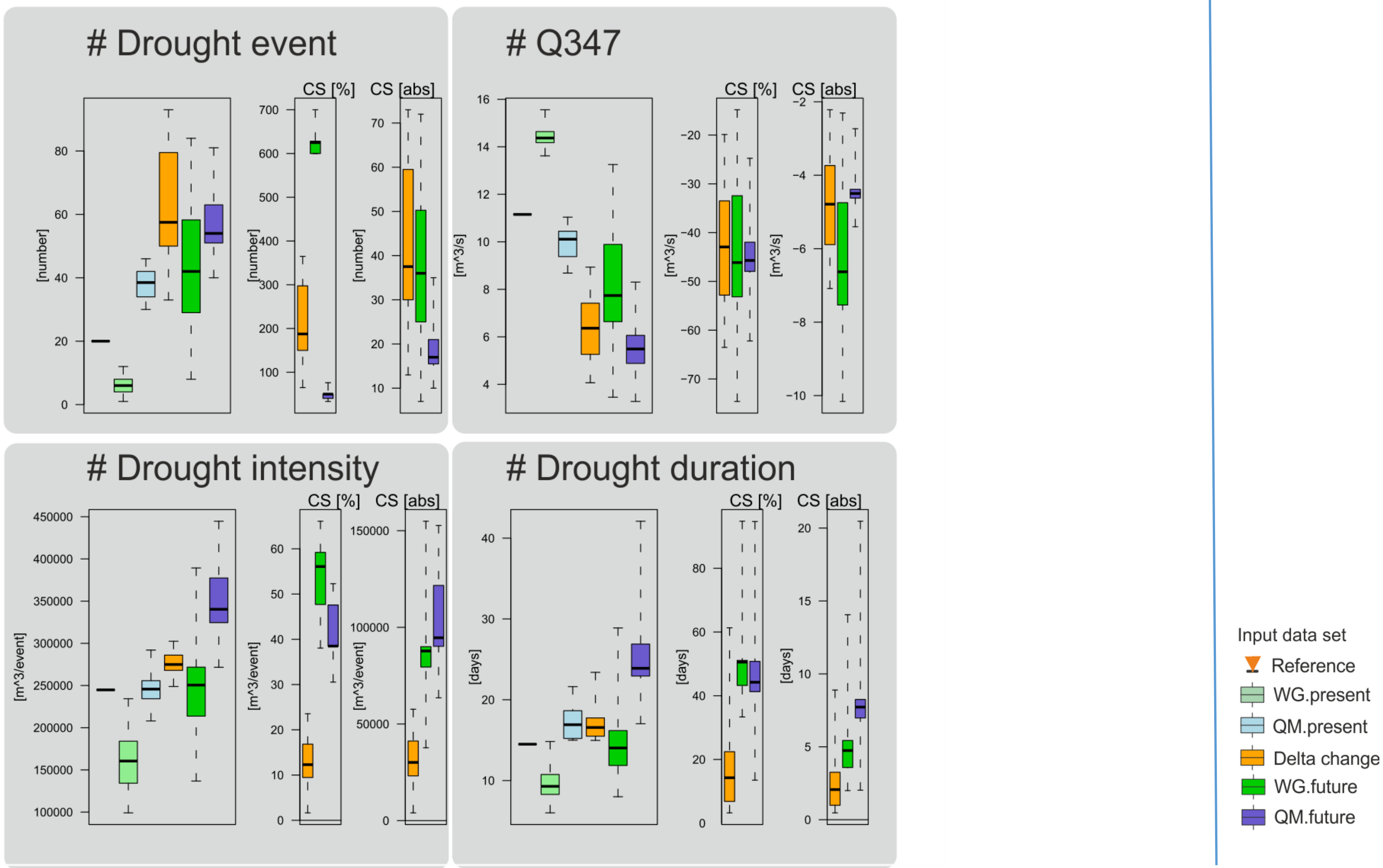
- «different» seasonal change signals



Rössler et al. 2017, submitted

Surplus of quantile mapping in CH2018 – a Thur example

- «Better» representation of extremes



Rössler et al. 2017, submitted

Surplus of transient scenarios – example from the Thur

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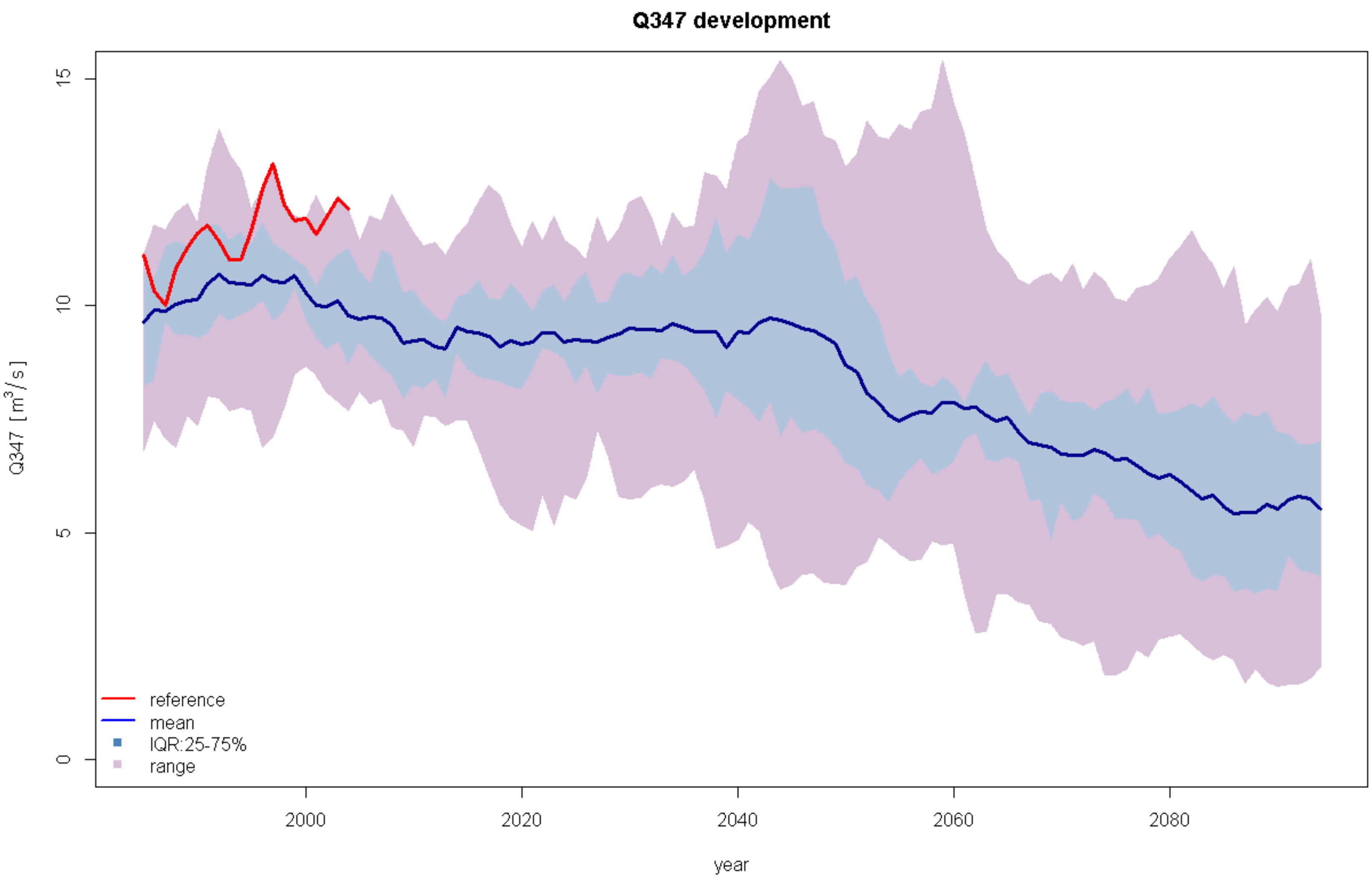
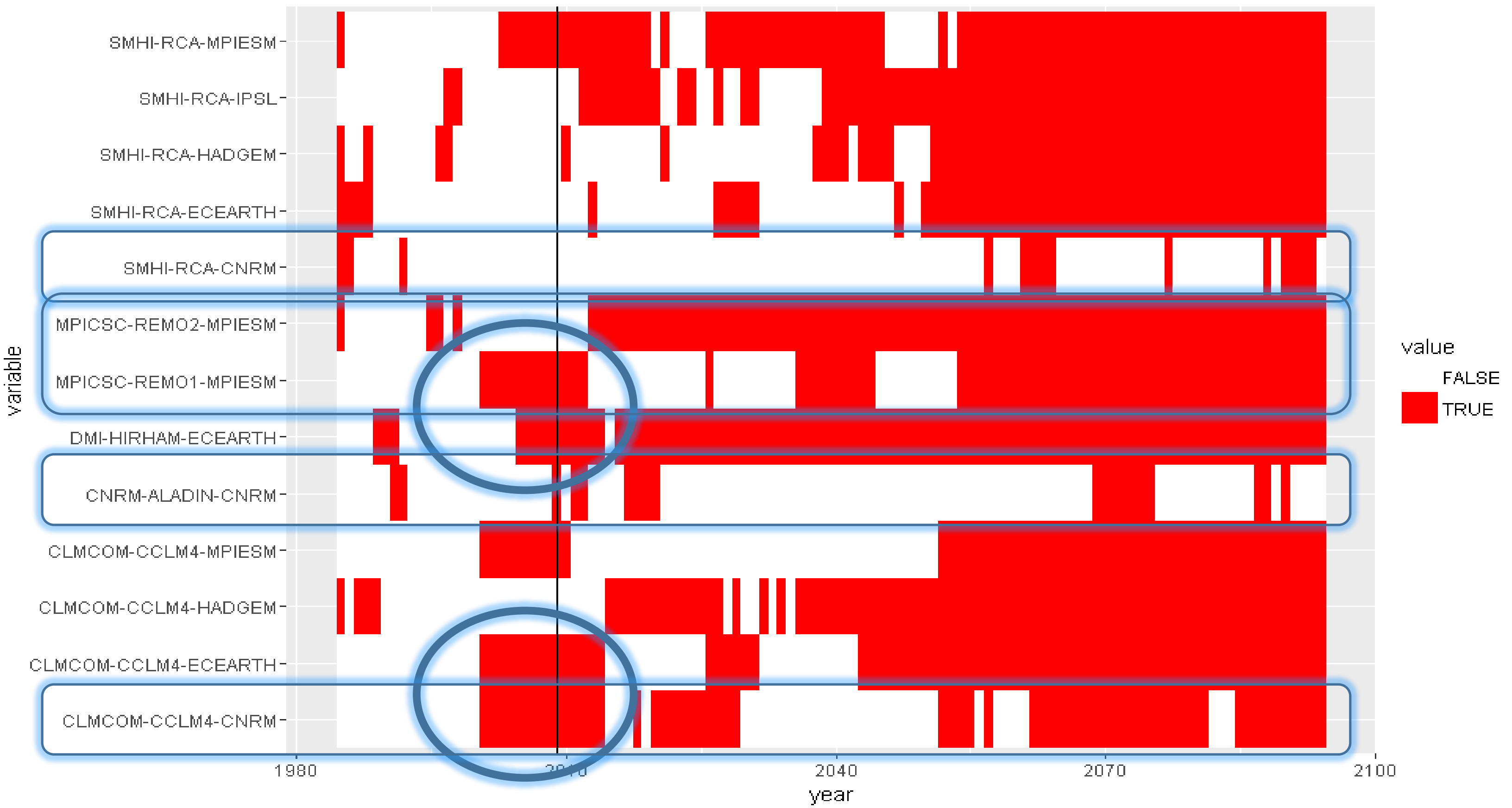


Conclusion – more of the same ? NO !

AIMS of the project **CCHydro18**

- swisswide new transient streamflow time series
- time of emergence of changing regime types
  → synthesis chapter on regime changes
- with a new quality for extremes values (Q347, flood changes), changes in low flow and flood indices

Time of Emergence – example from the Thur



Time of Emergence – example from the Thur

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