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River model scenario analysis for the Southern Gulf catchments: Supplementary material

A technical report from the CSIRO Southern Gulf Water Resource
Assessment for the National Water Grid

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Aspects of the Assessment have been undertaken in conjunction with the Northern Territory and Queensland governments.

The Assessment was guided by two committees:

- i. The Governance Committee: CRC for Northern Australia/James Cook University; CSIRO; National Water Grid (Department of Climate Change, Energy, the Environment and Water); Northern Land Council; NT Department of Environment, Parks and Water Security; NT Department of Industry, Tourism and Trade; Office of Northern Australia; Queensland Department of Agriculture and Fisheries; Queensland Department of Regional Development, Manufacturing and Water
- ii. The Southern Gulf catchments Steering Committee: Amateur Fishermen's Association of the NT; Austral Fisheries; Burketown Shire; Carpentaria Land Council Aboriginal Corporation; Health and Wellbeing Queensland; National Water Grid (Department of Climate Change, Energy, the Environment and Water); Northern Prawn Fisheries; Queensland Department of Agriculture and Fisheries; NT Department of Environment, Parks and Water Security; NT Department of Industry, Tourism and Trade; Office of Northern Australia; Queensland Department of Regional Development, Manufacturing and Water; Southern Gulf NRM

Responsibility for the Assessment's content lies with CSIRO. The Assessment's committees did not have an opportunity to review the Assessment results or outputs prior to their release.

This report was reviewed by Ashkan Shokri (CSIRO) and Mahdi Montazeri (CSIRO).

Acknowledgement of Country

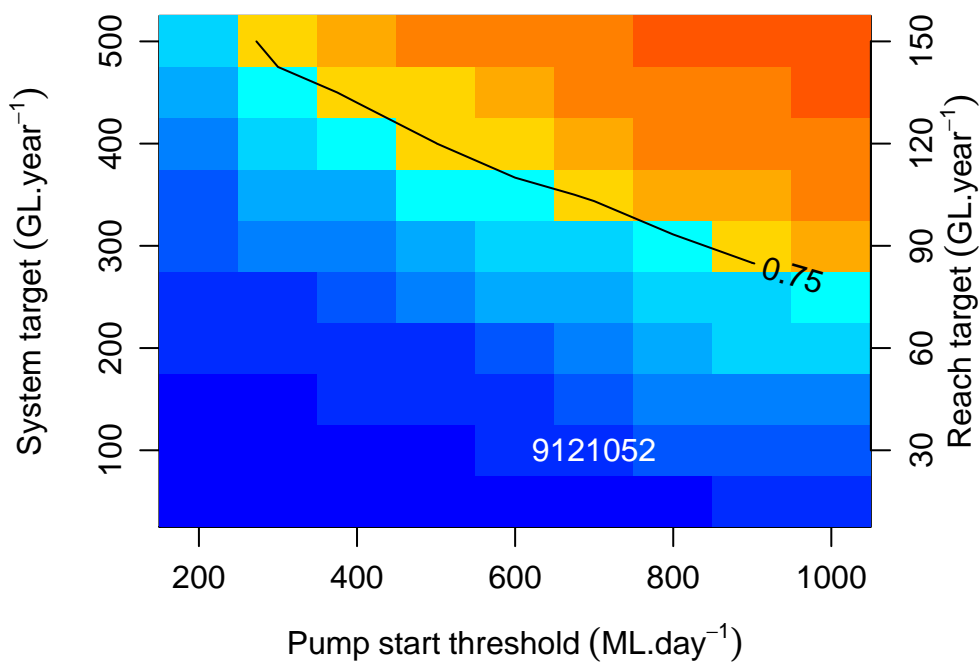
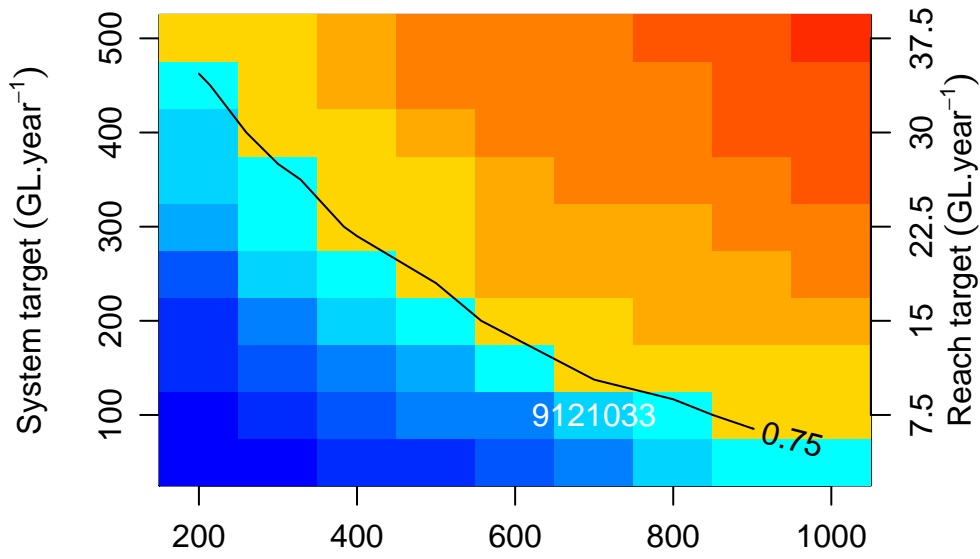
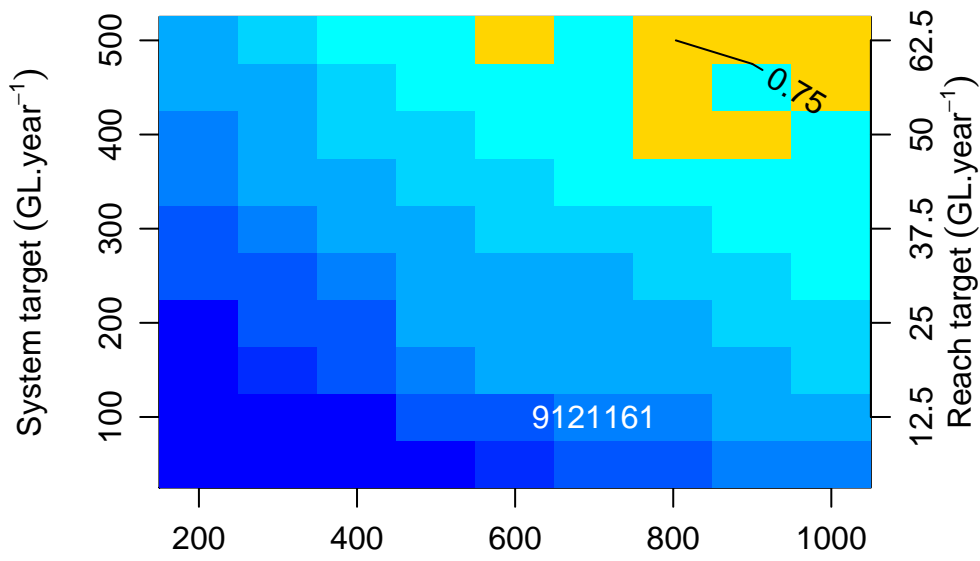
CSIRO acknowledges the Traditional Owners of the lands, seas and waters of the area that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their elders past and present.

Photo

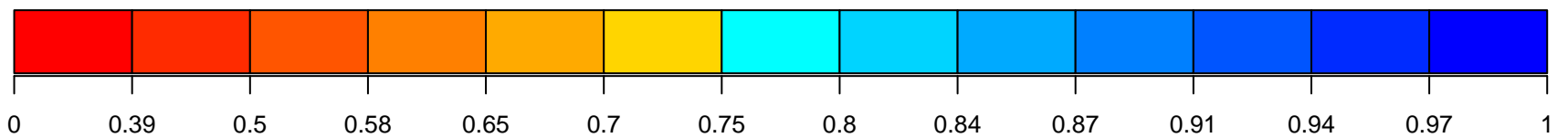
Leichhardt River Source: CSIRO

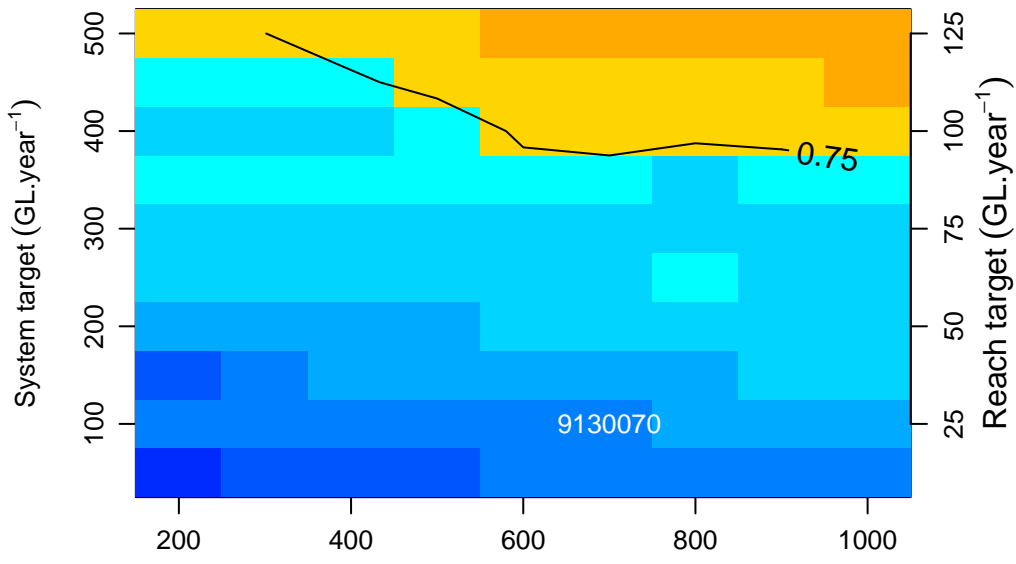
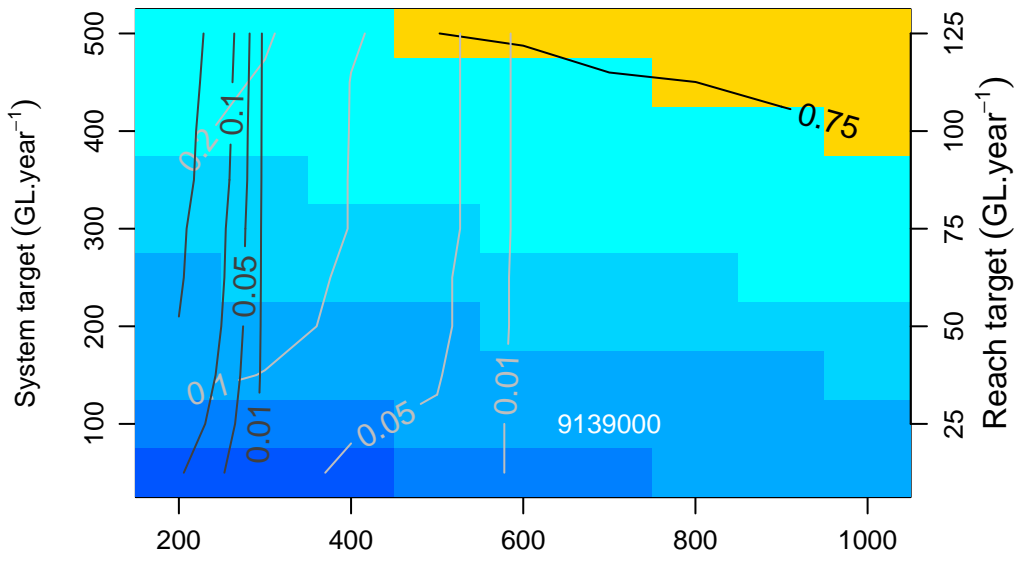
Supplementary material: Water harvest
annual reliability of supply plots, Southern Gulf
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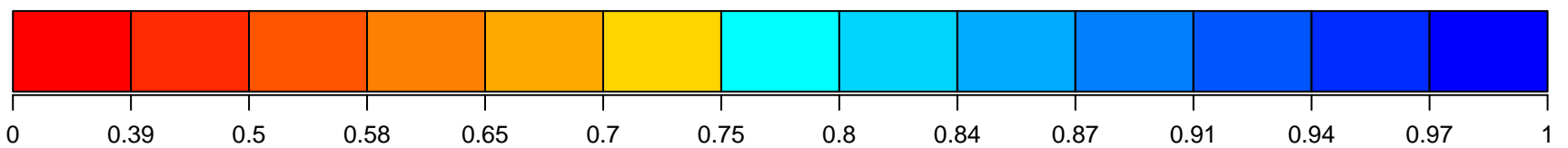


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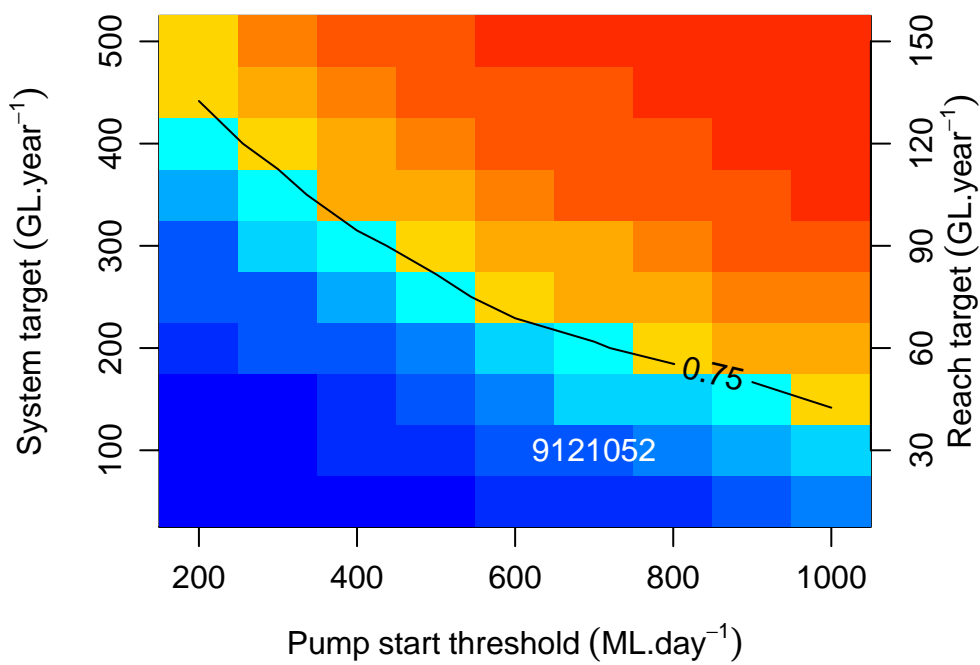
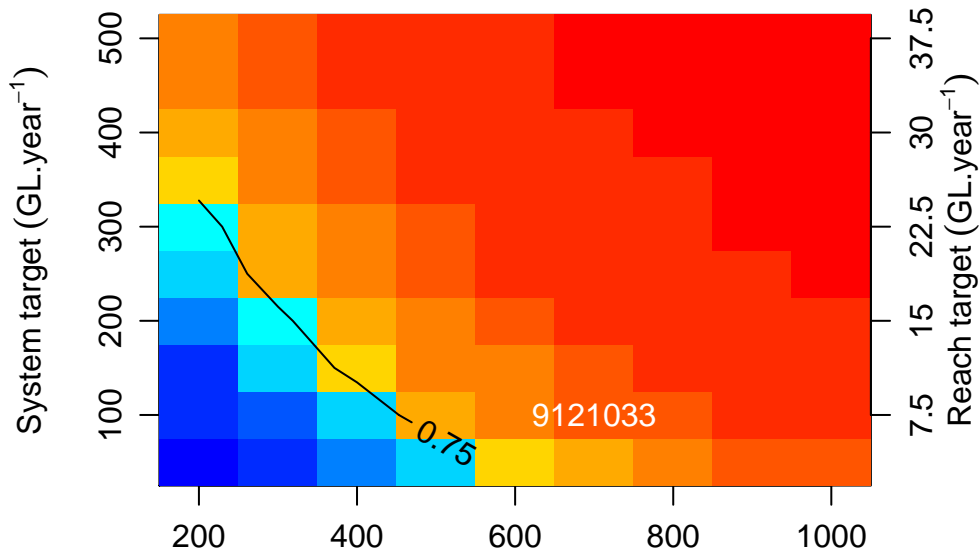
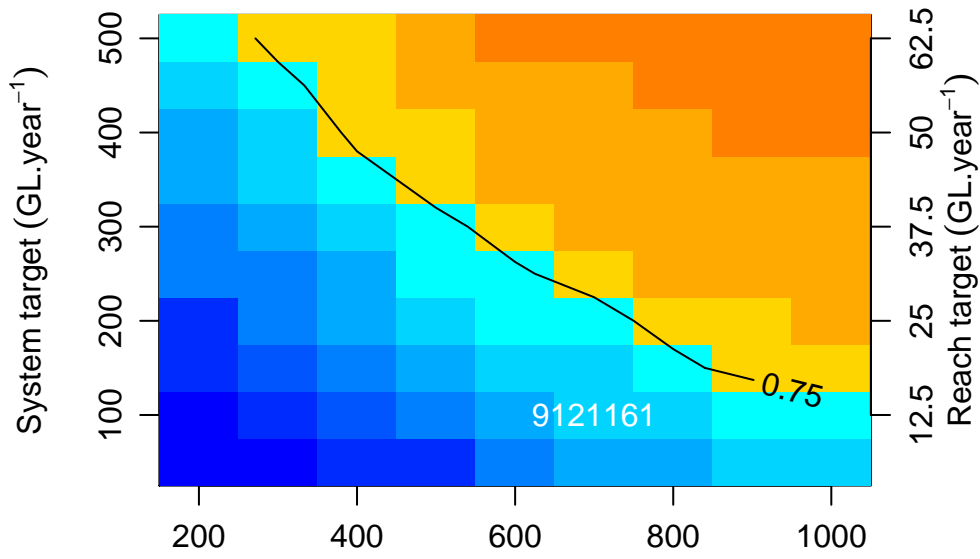




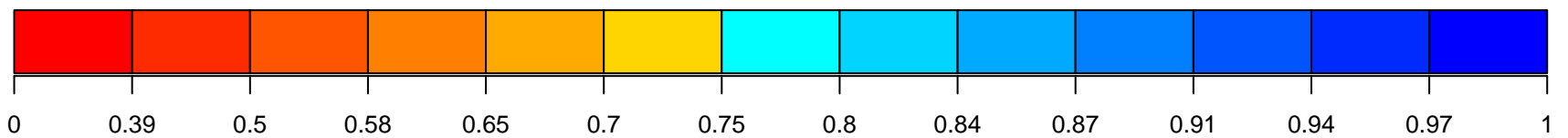
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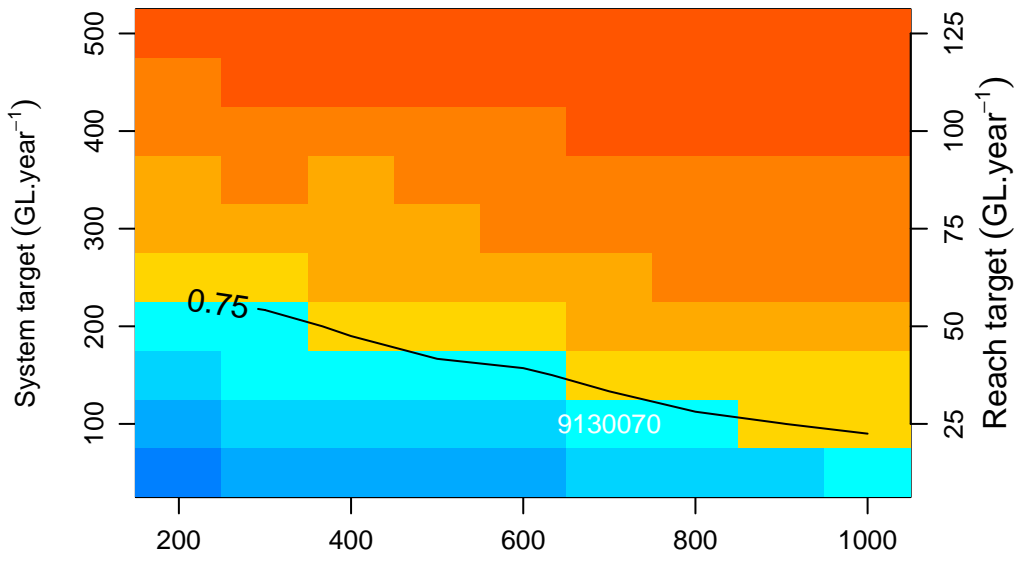
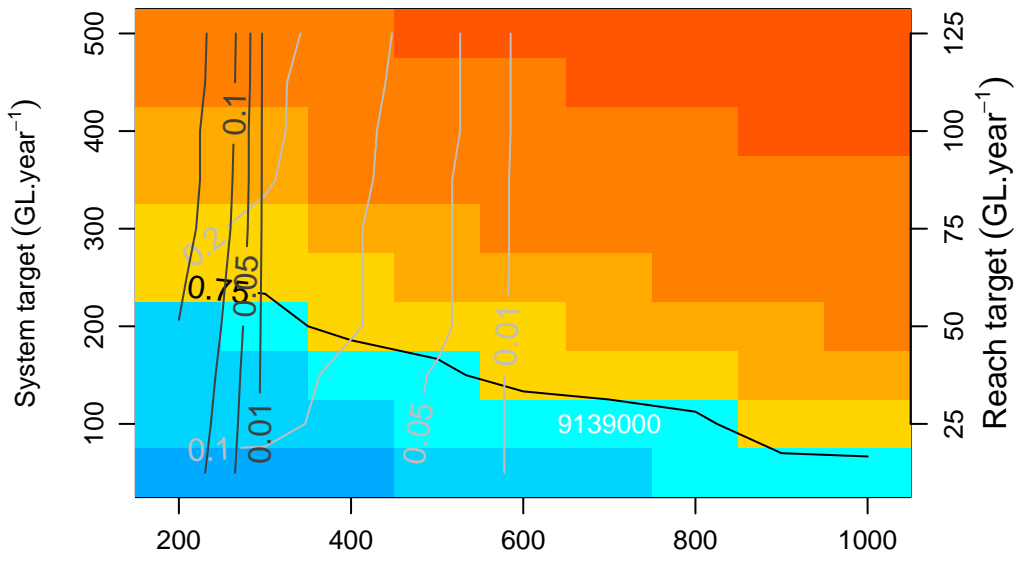


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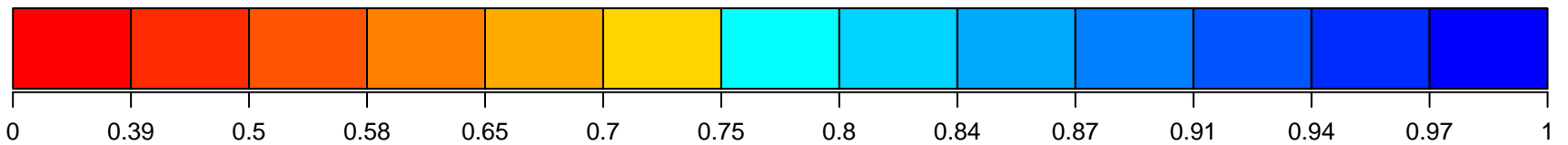


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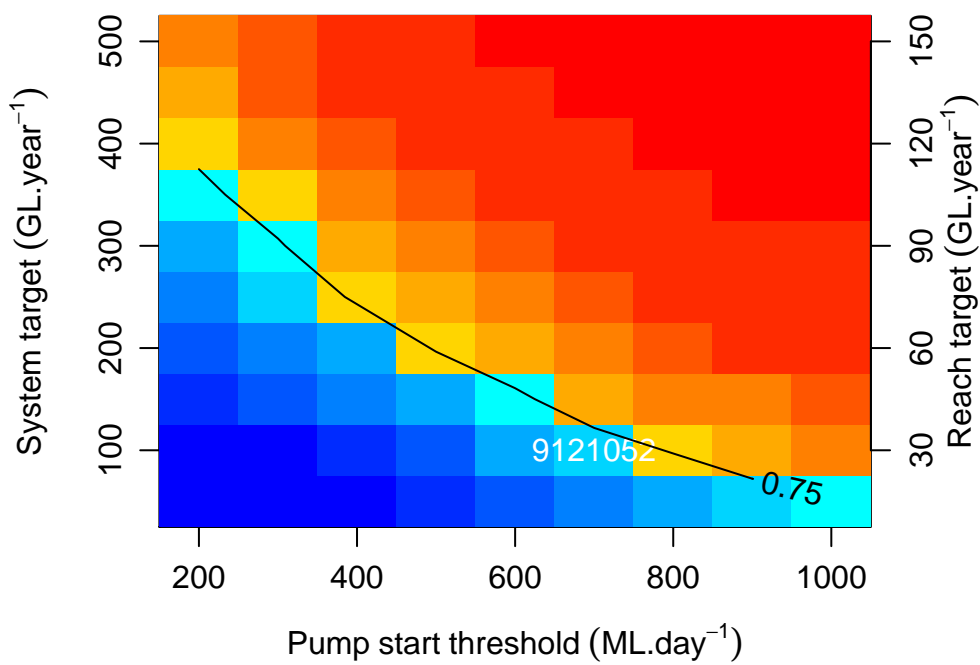
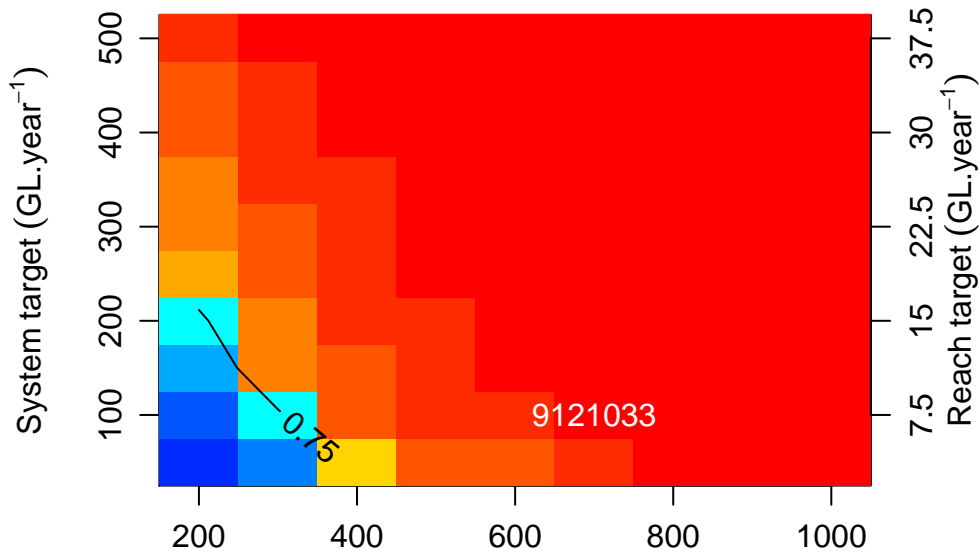
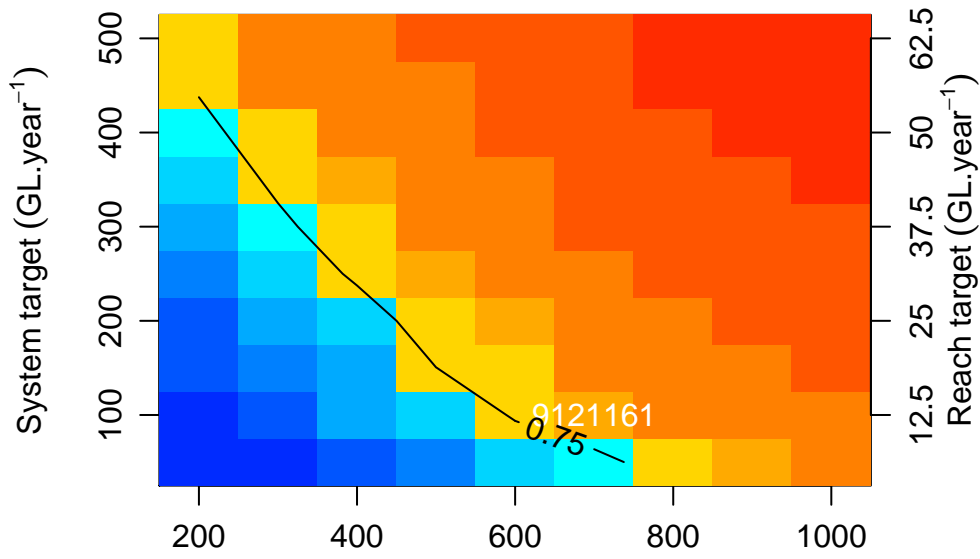




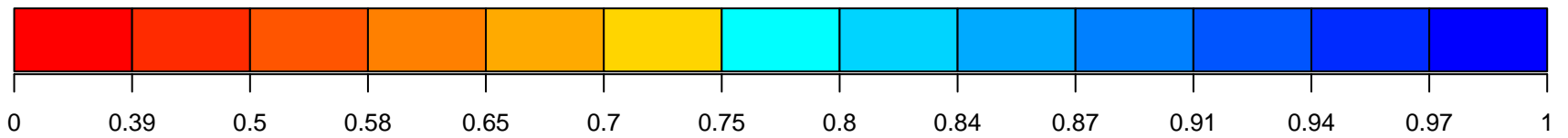
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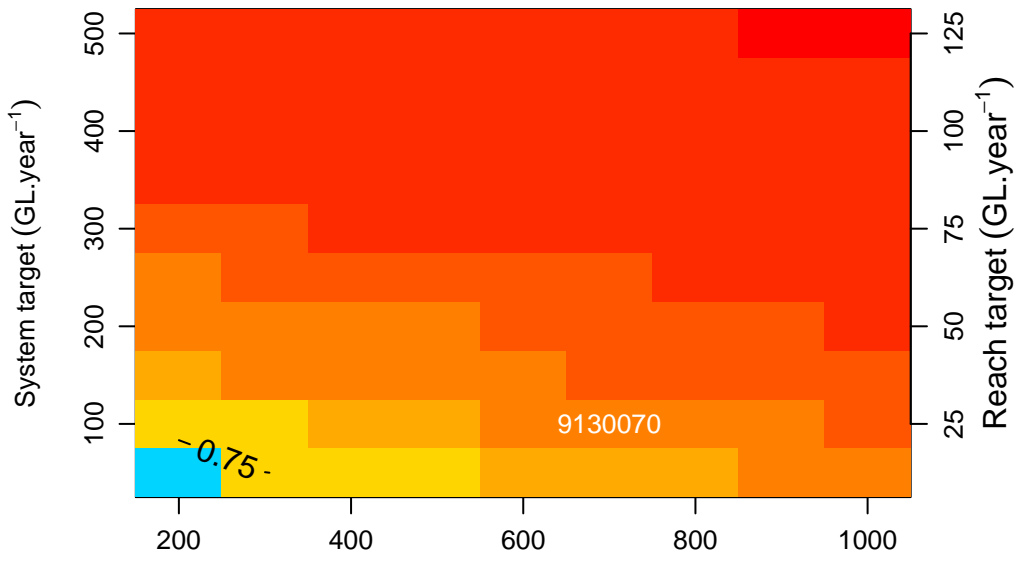
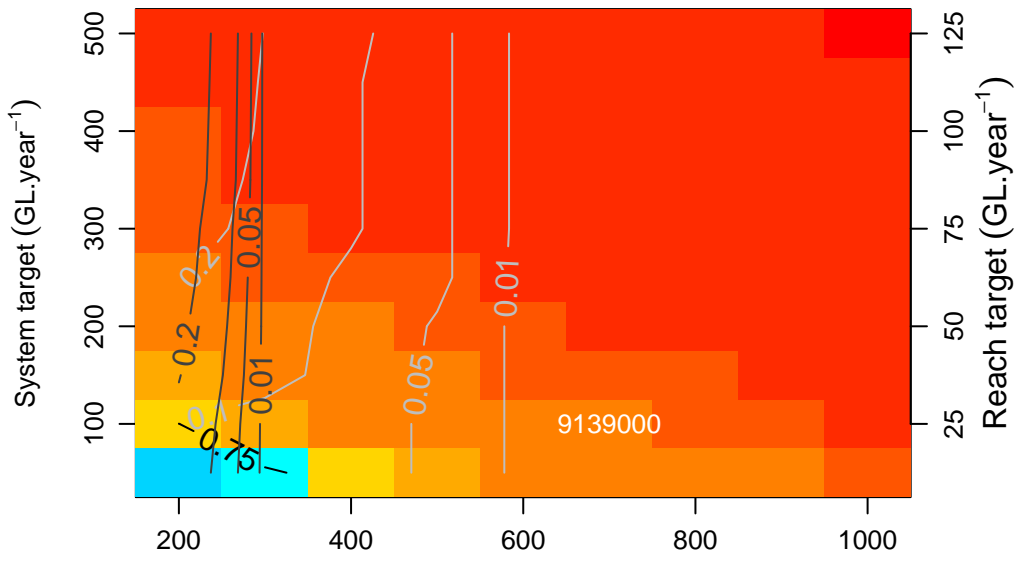


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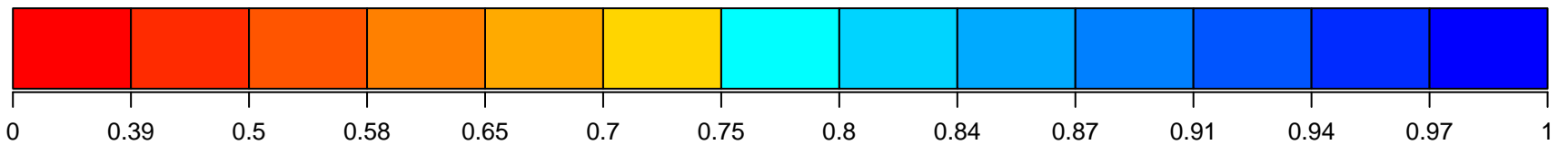


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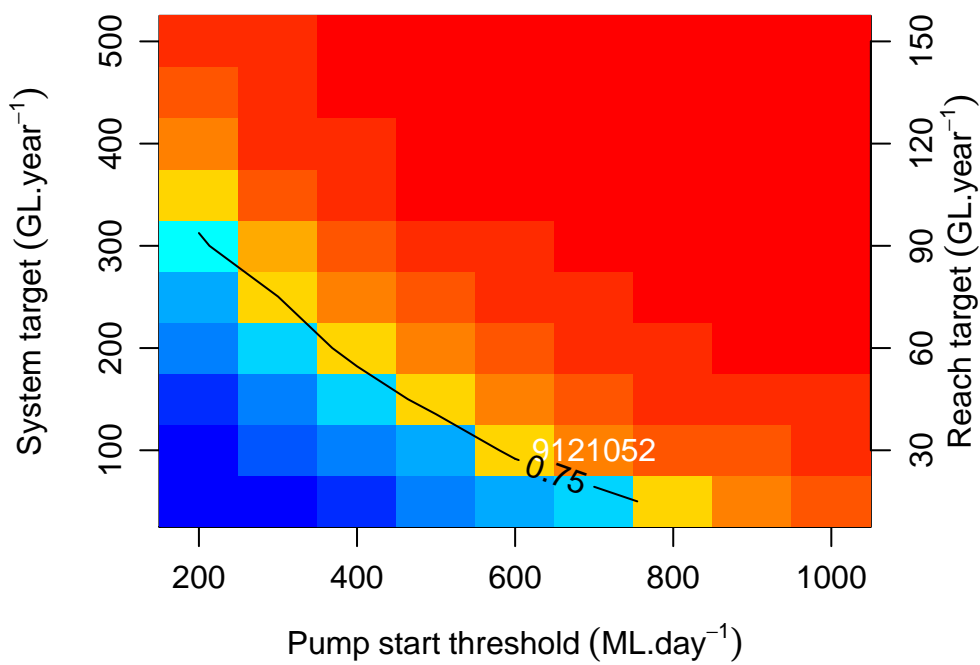
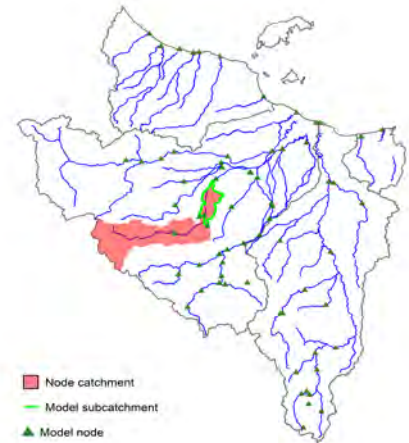
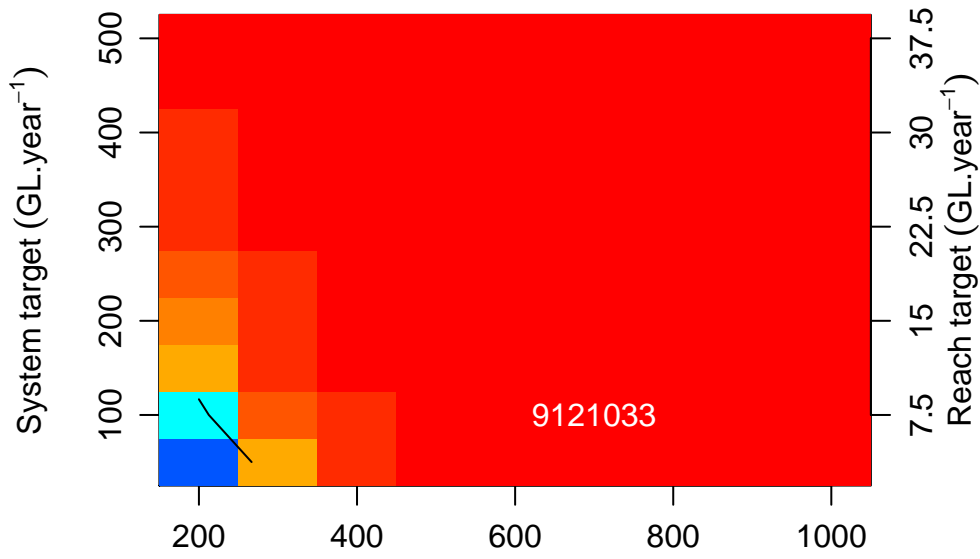
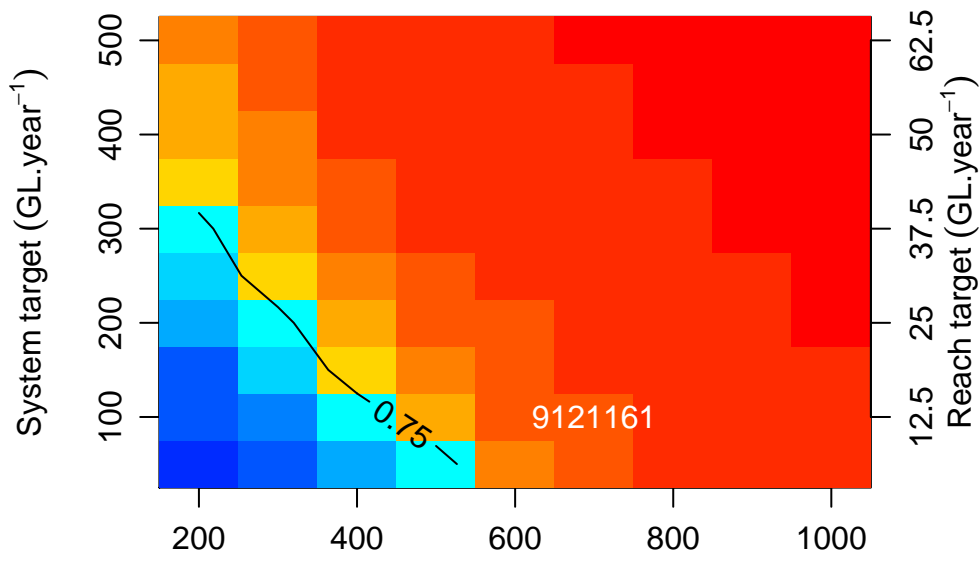




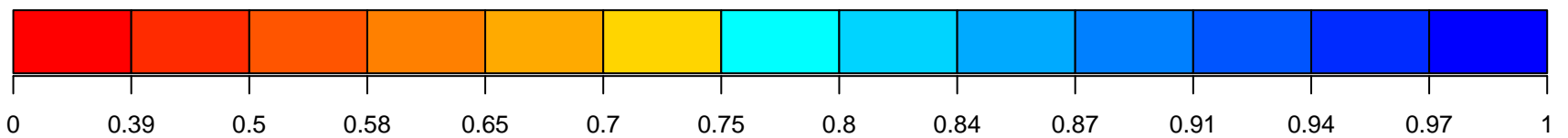
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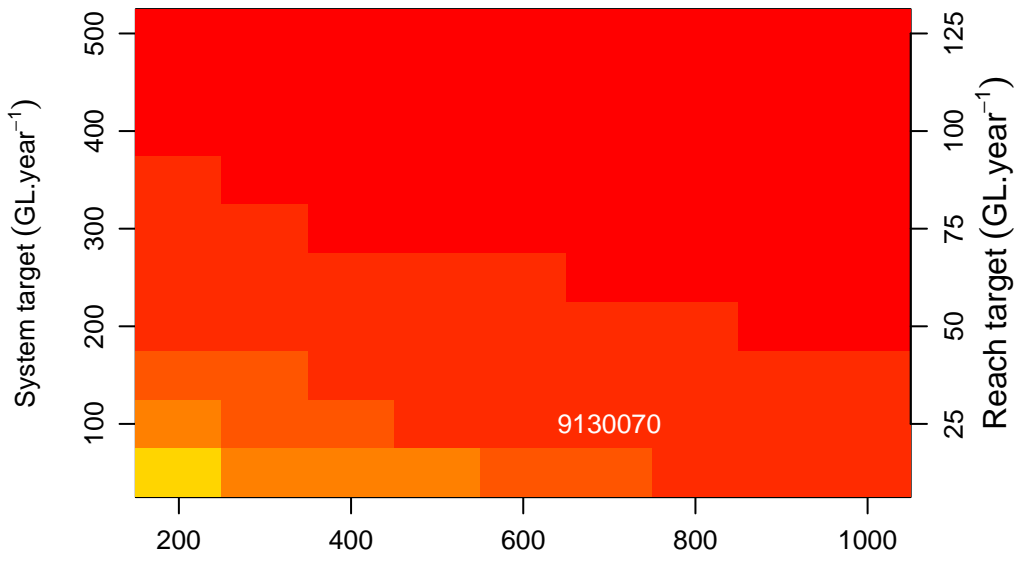
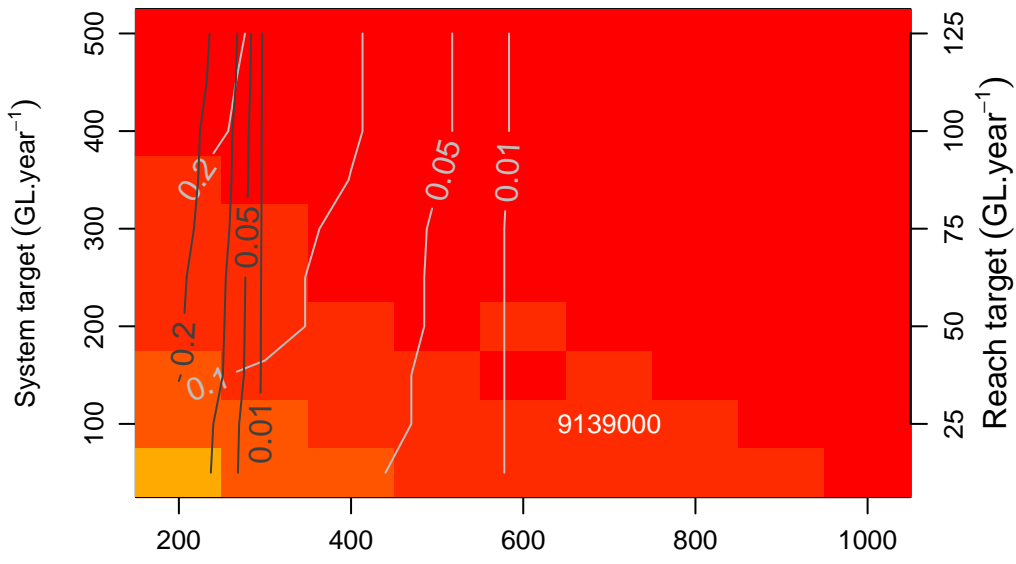


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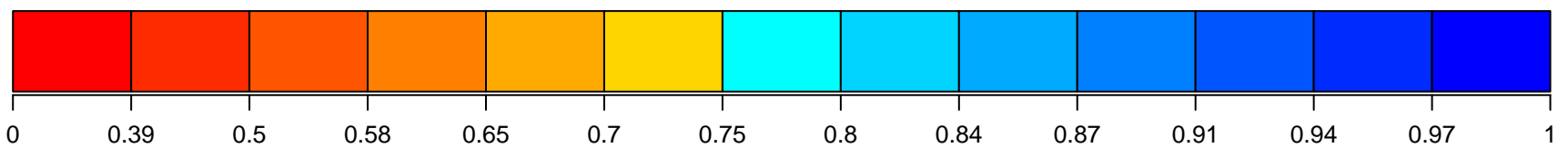


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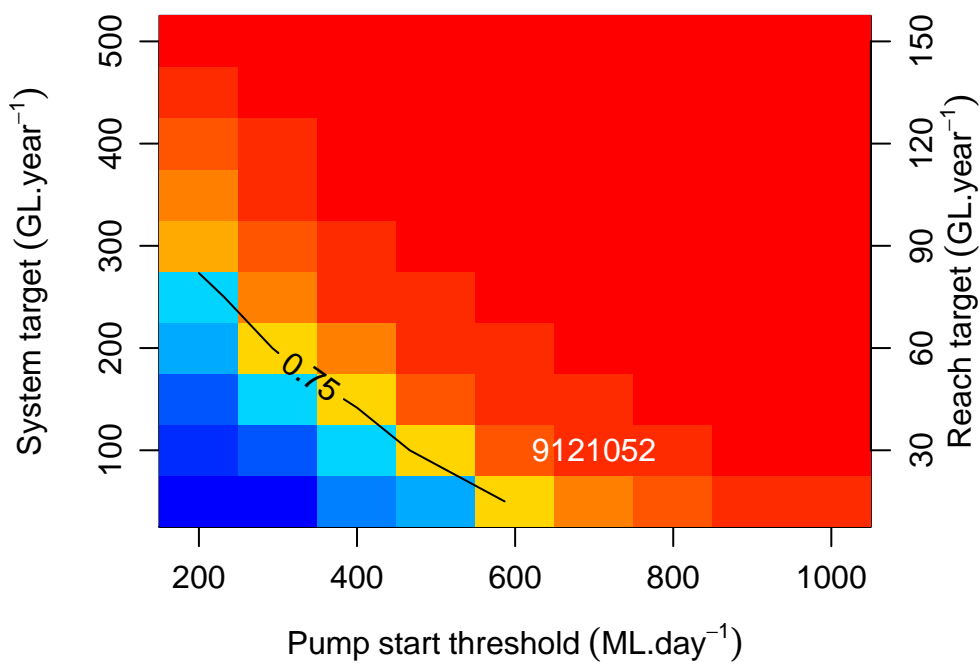
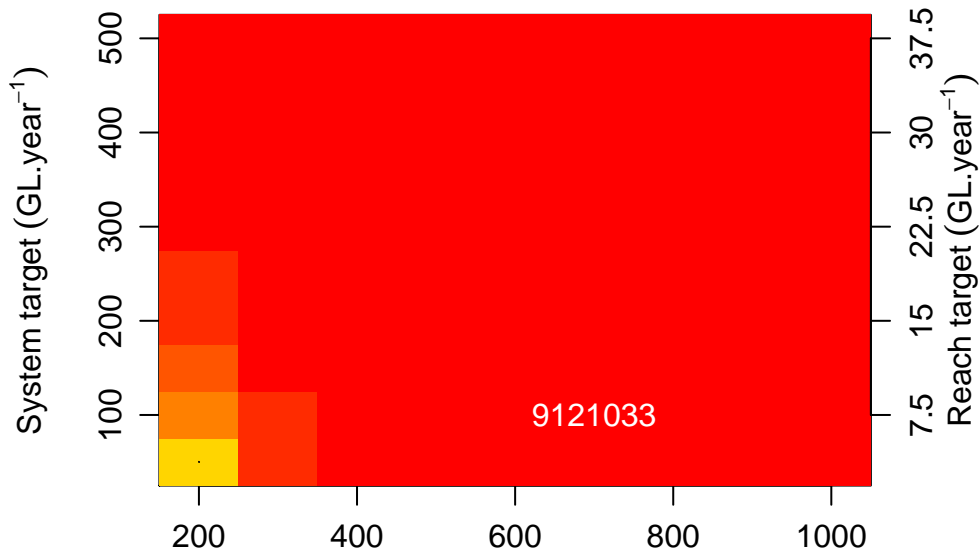
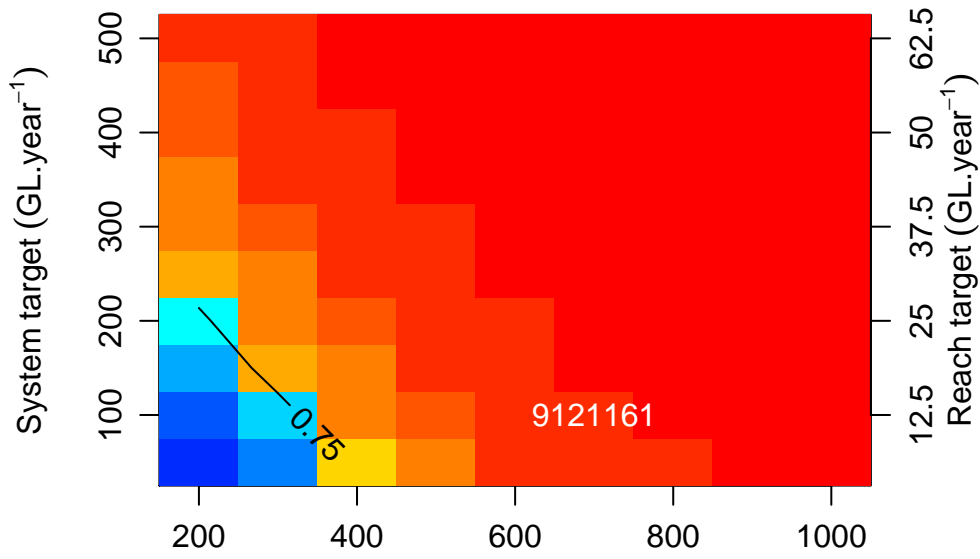




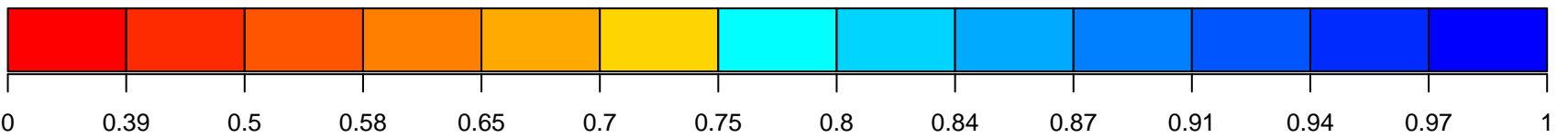
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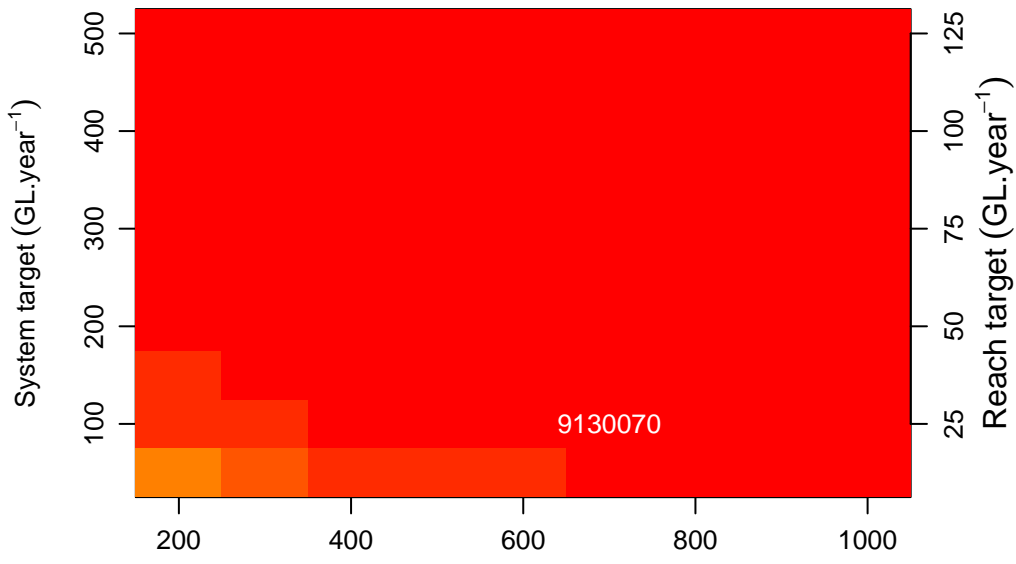
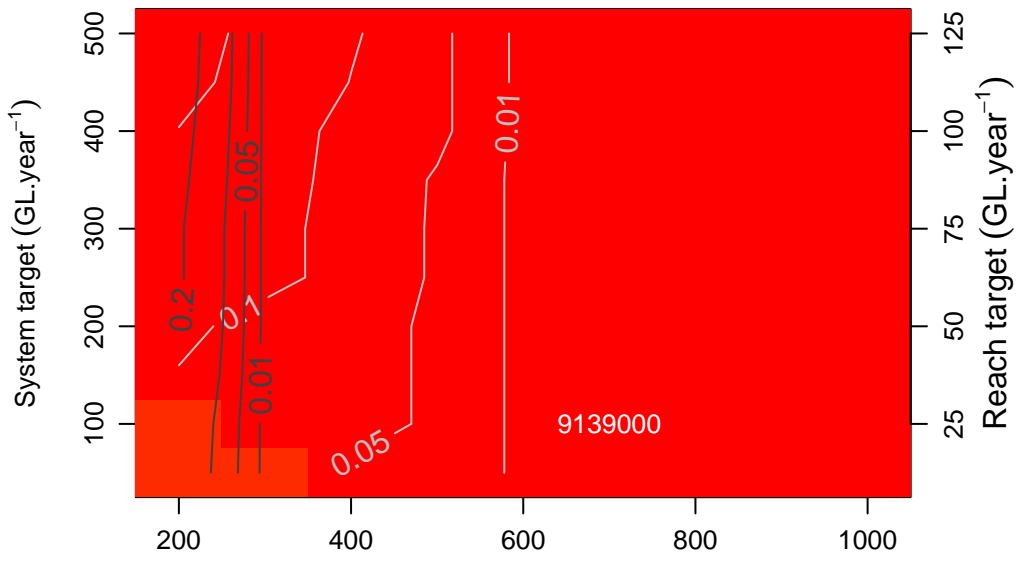


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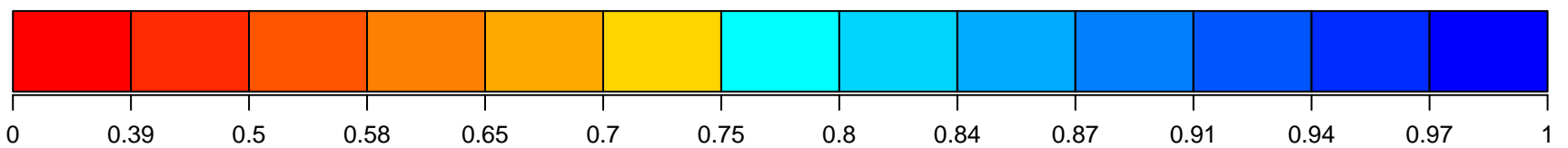


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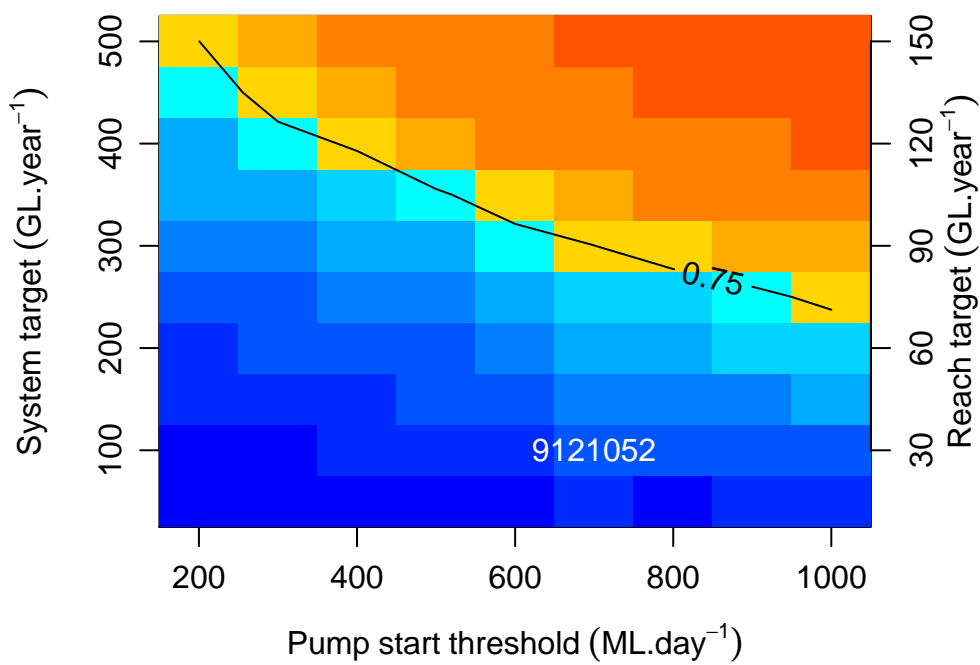
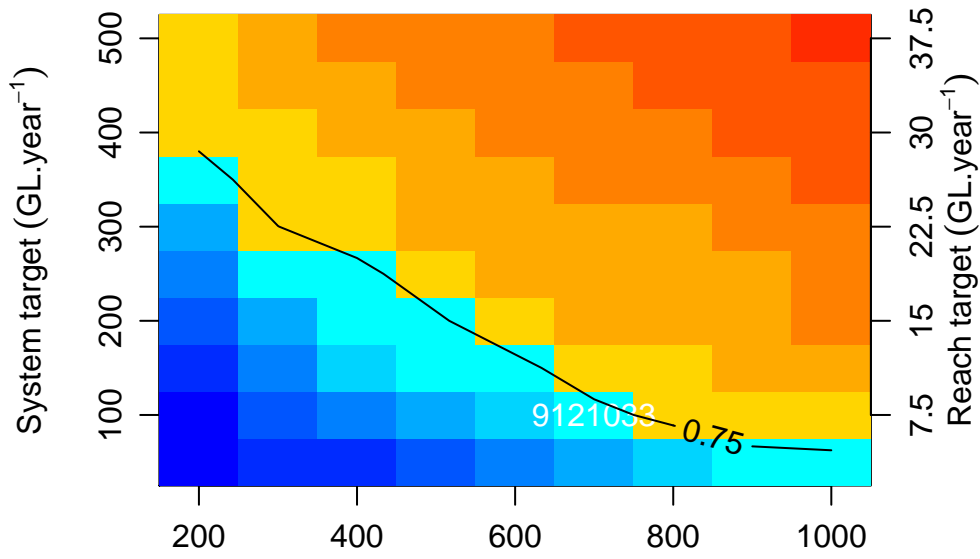
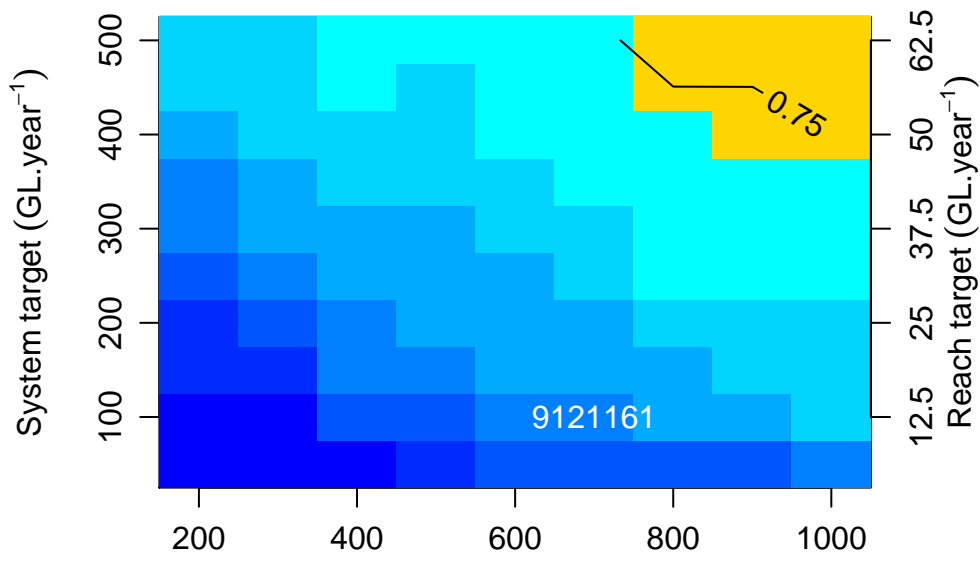




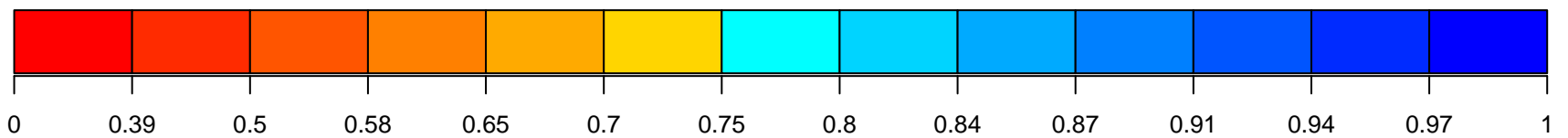
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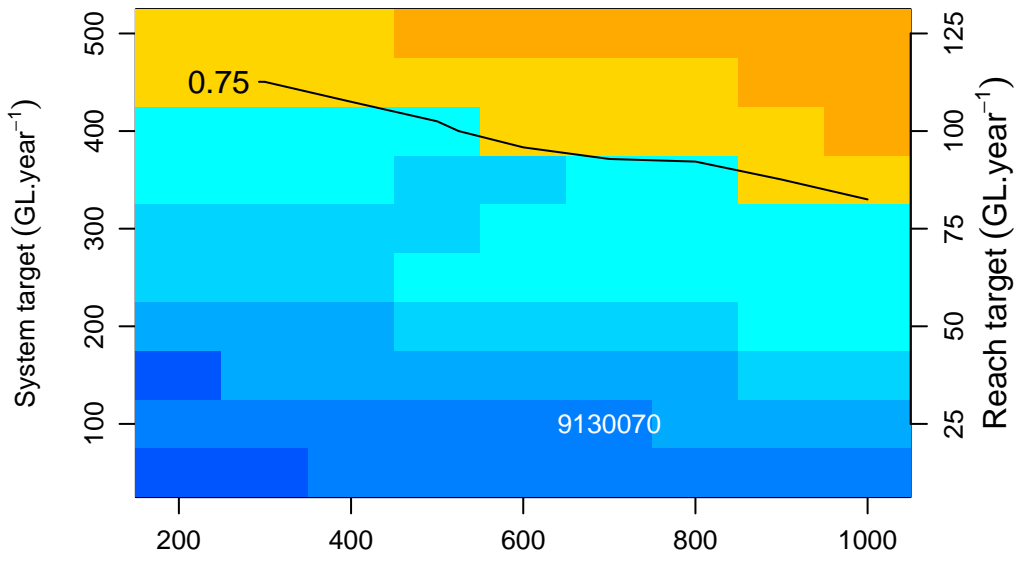
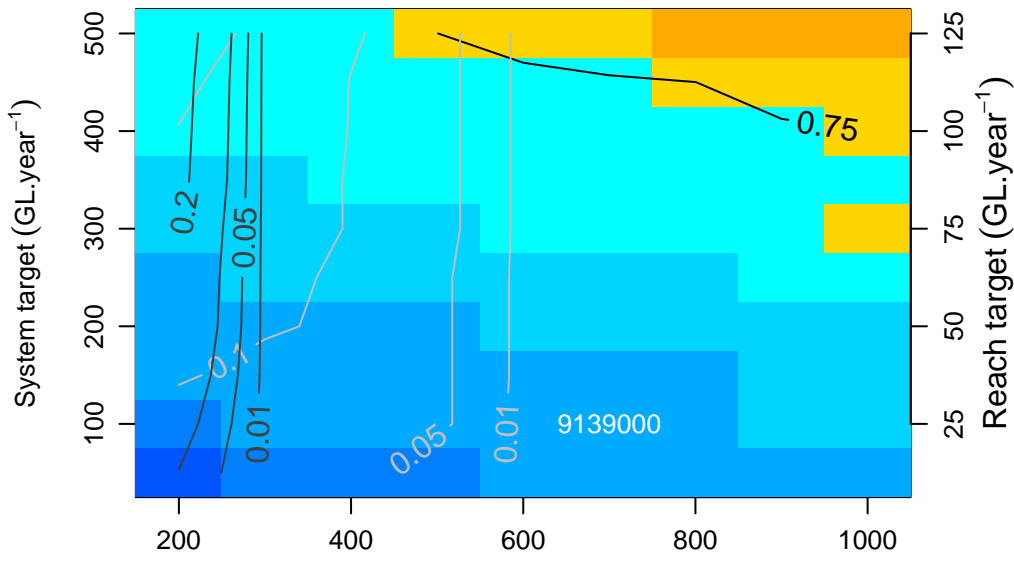


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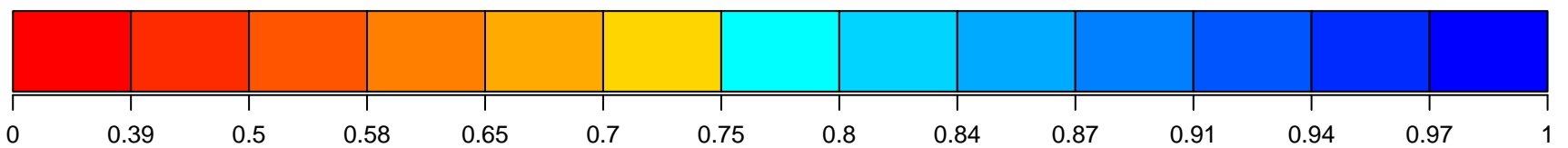


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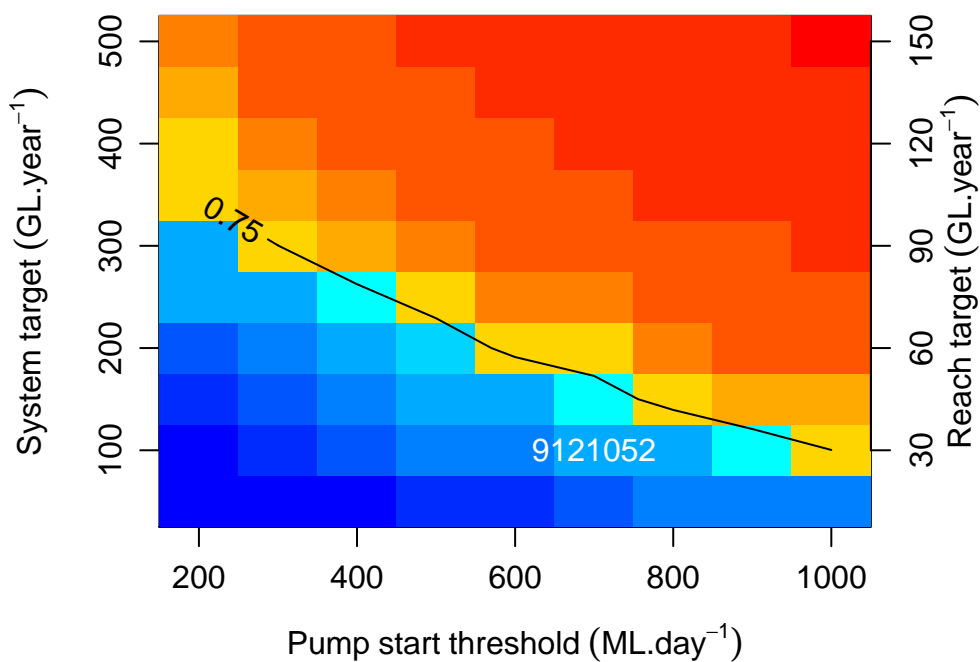
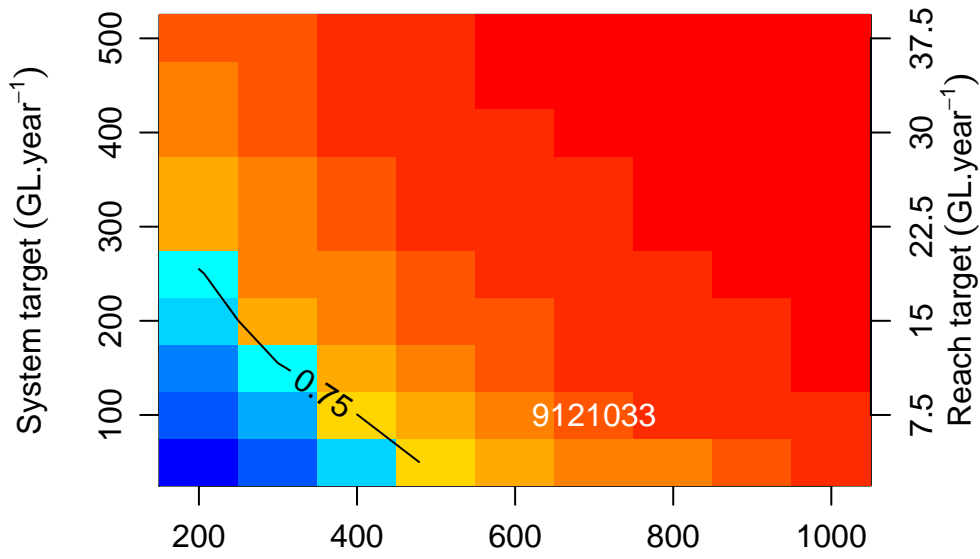
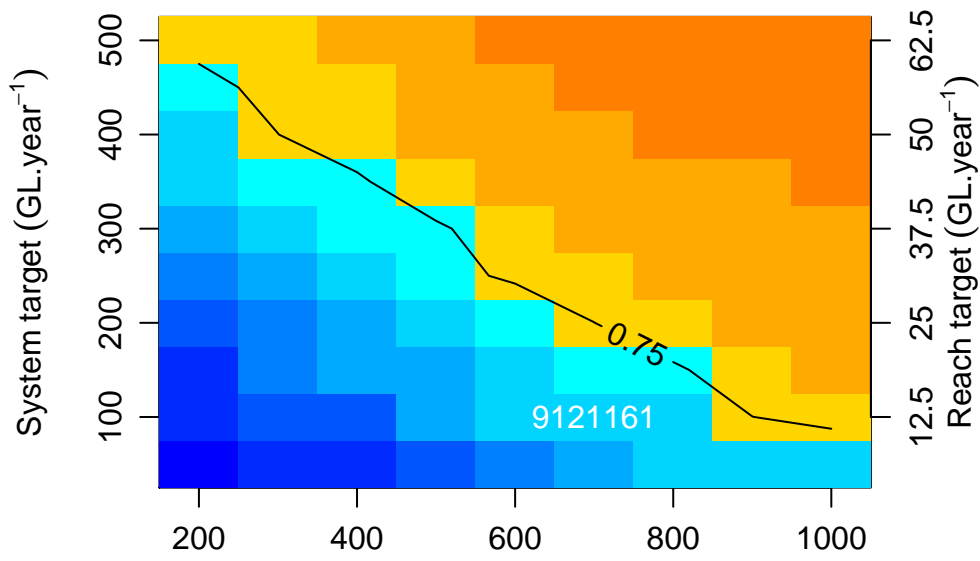




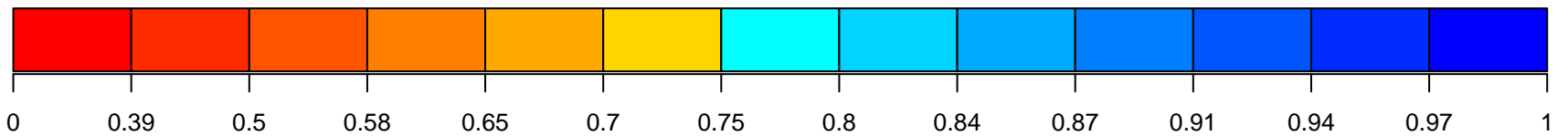
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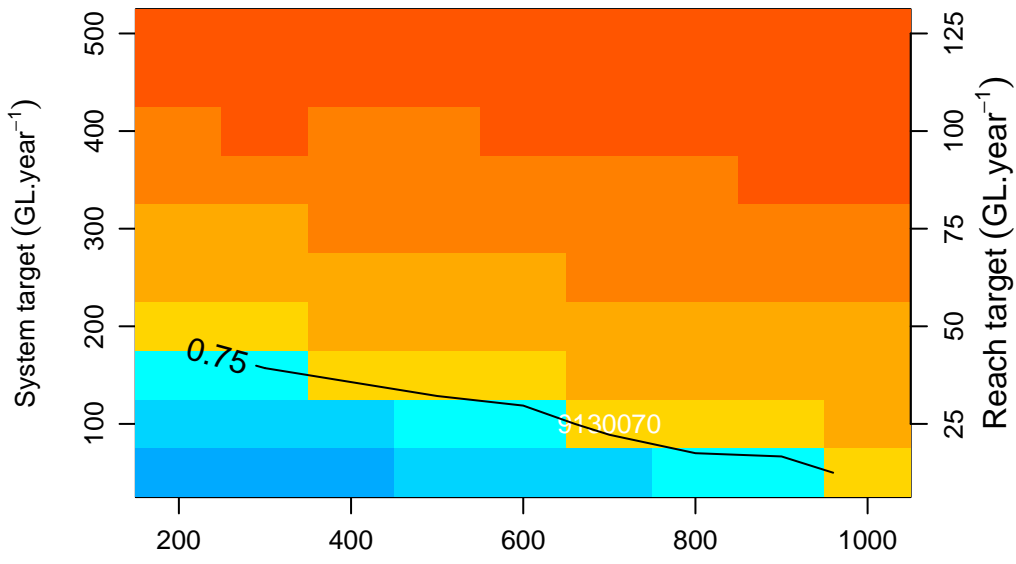
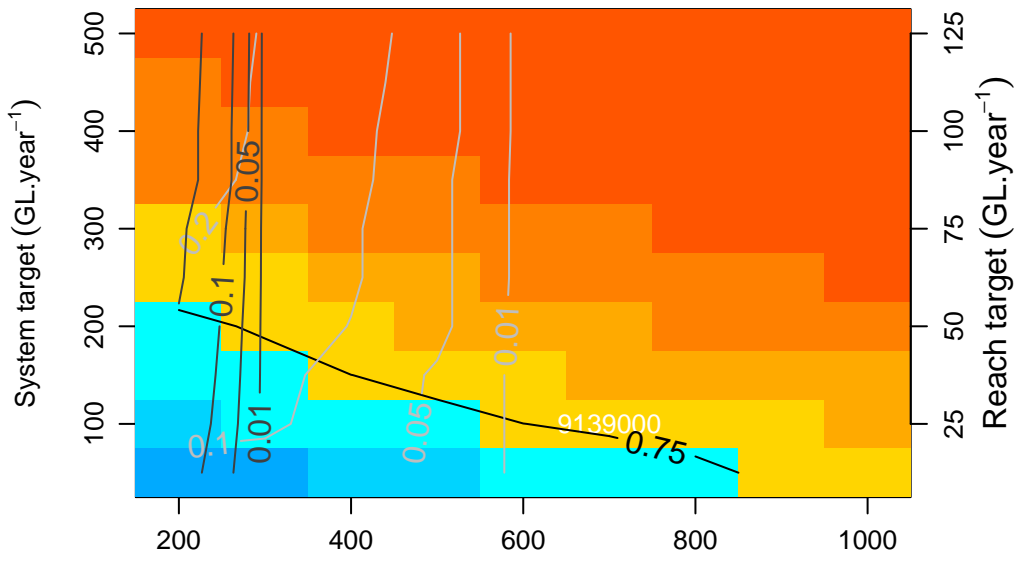


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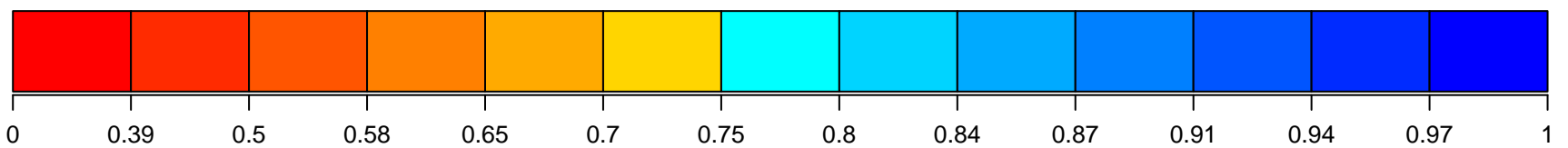


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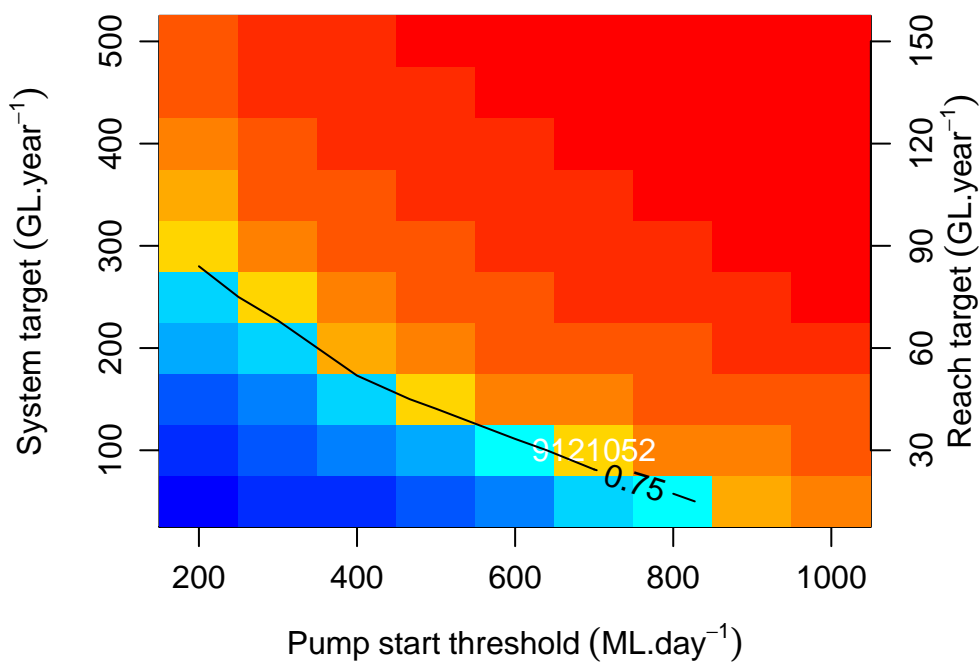
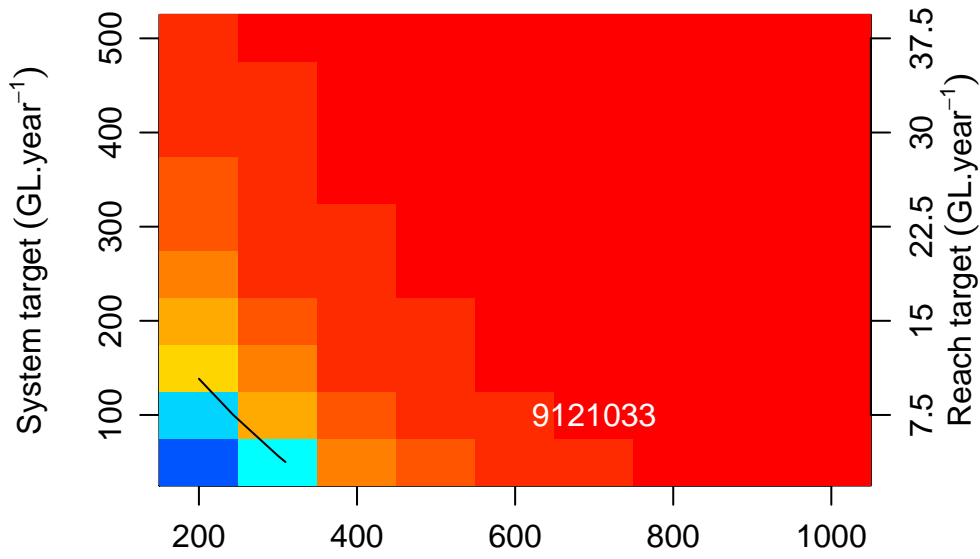
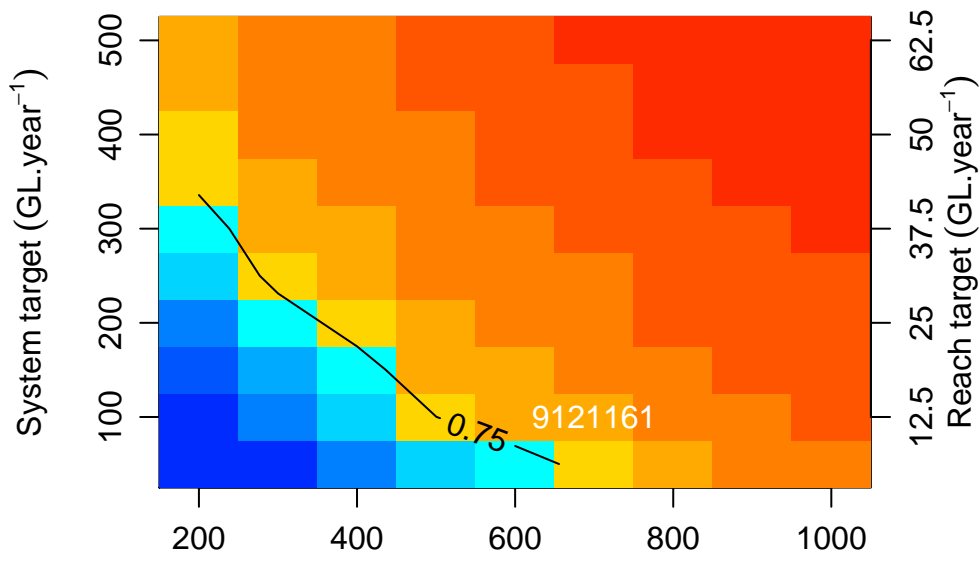




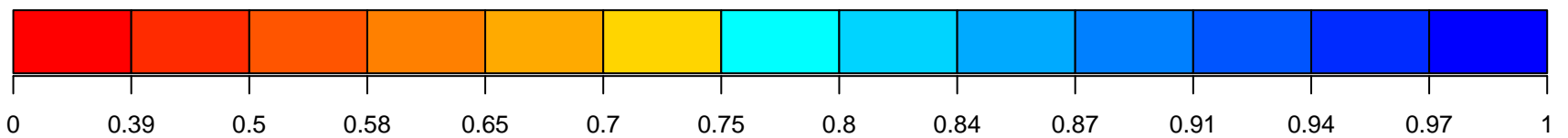
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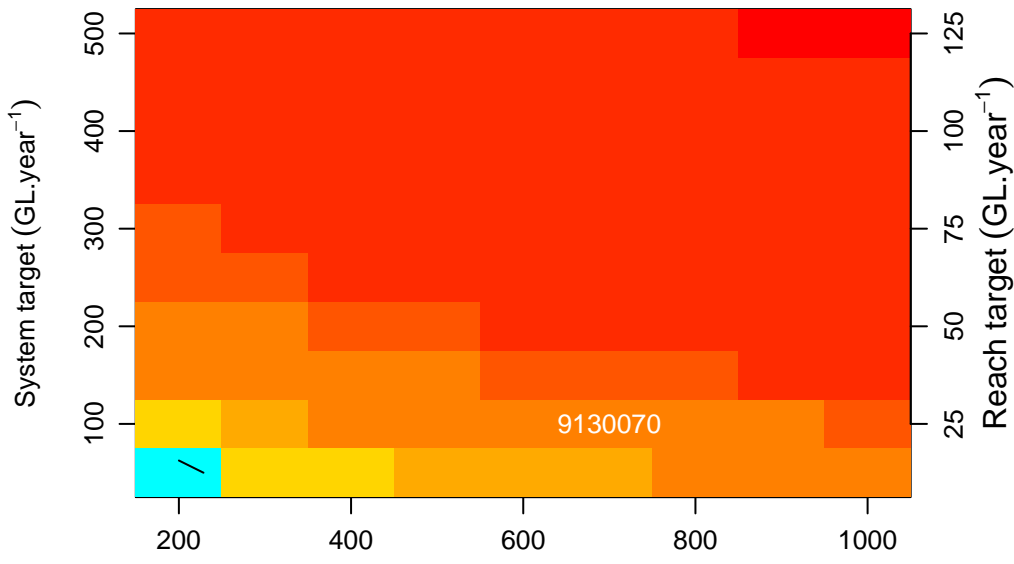
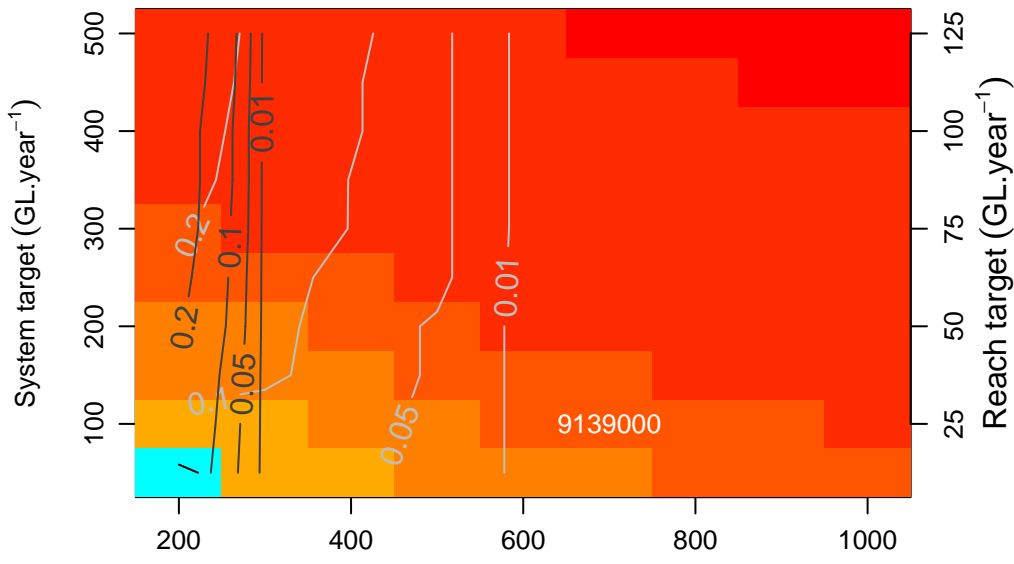


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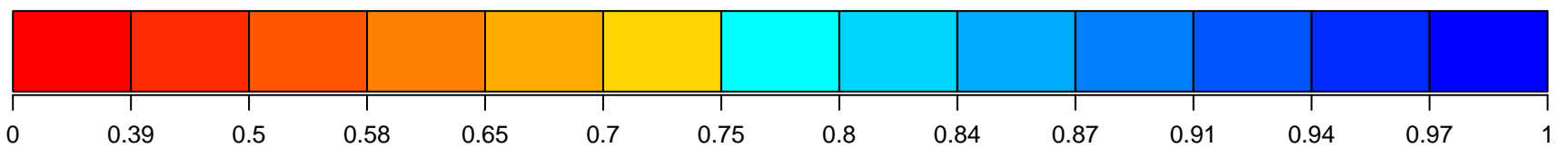


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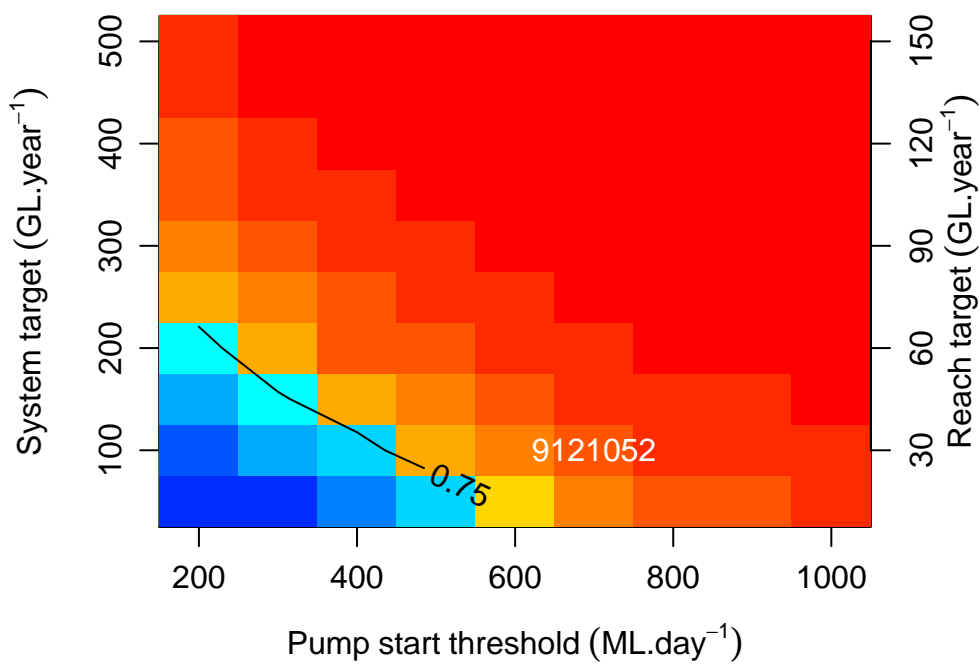
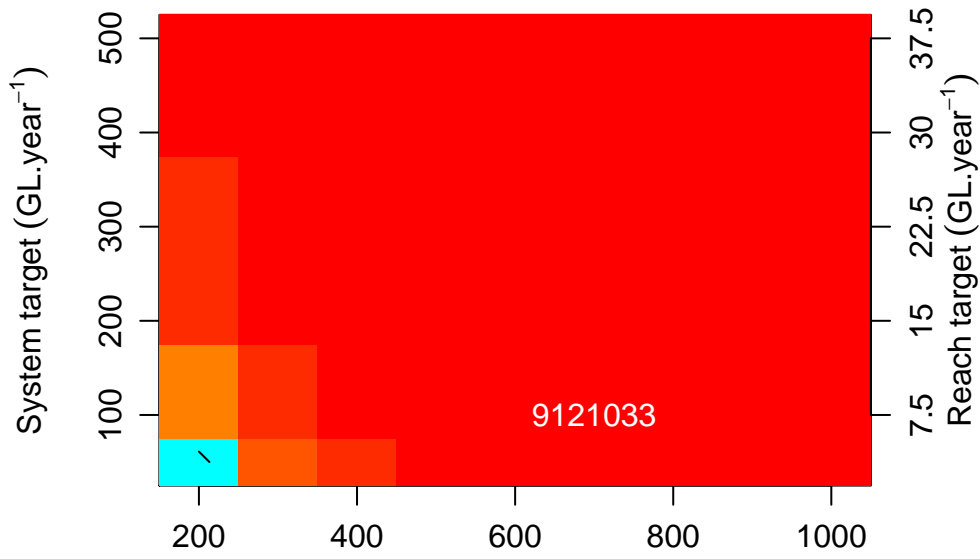
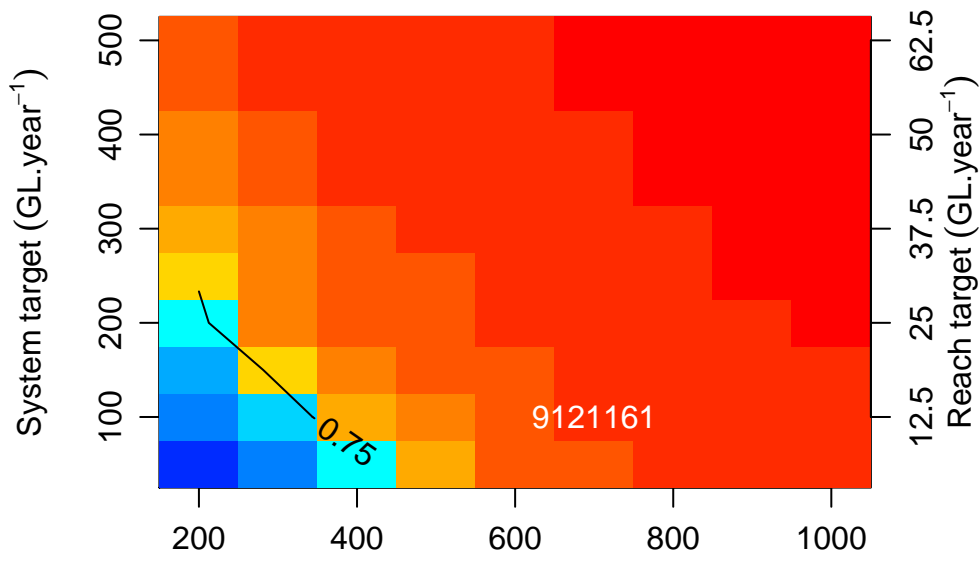




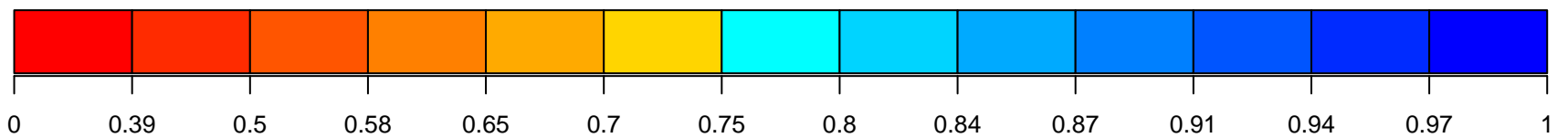
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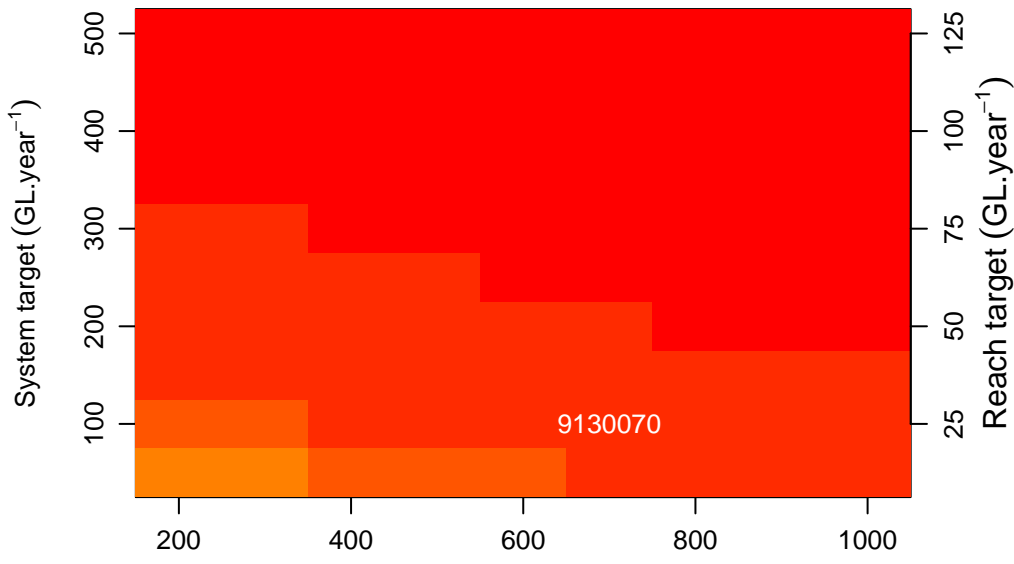
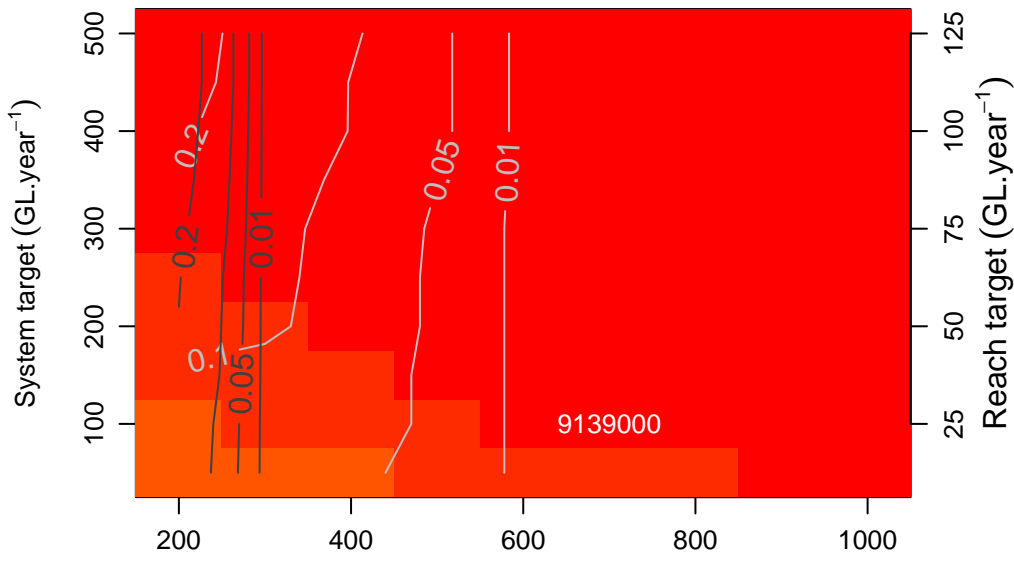


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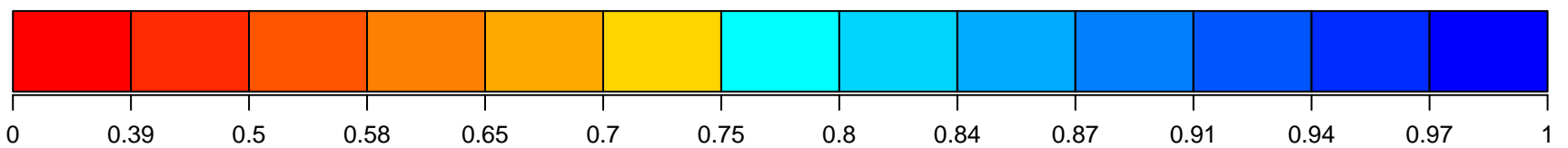


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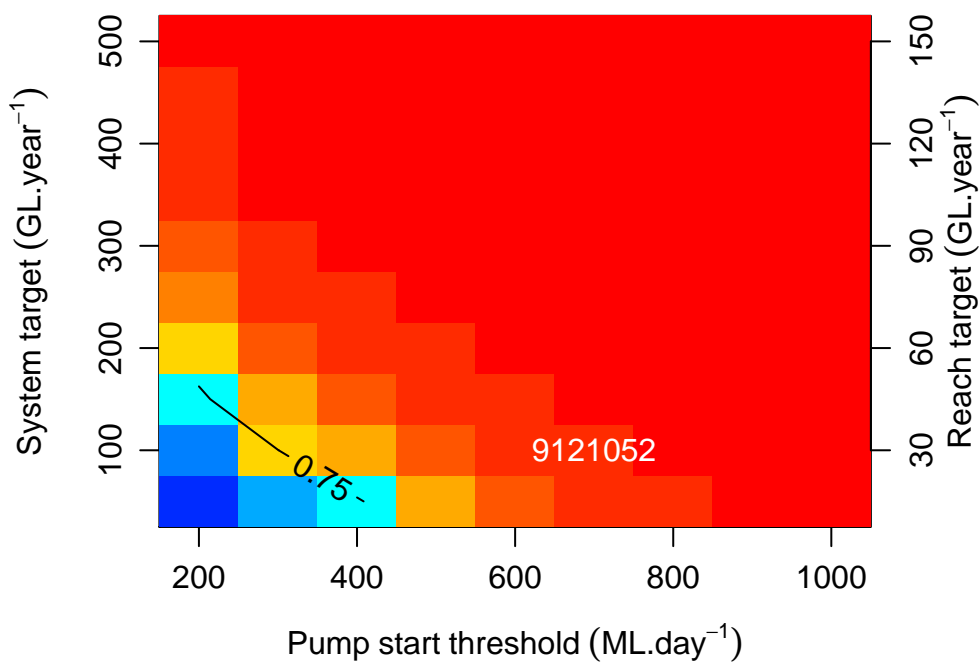
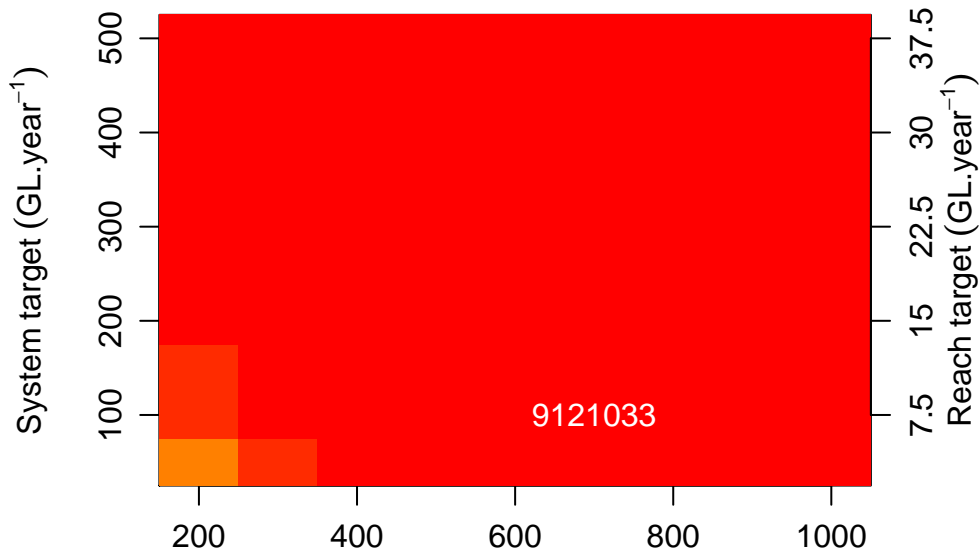
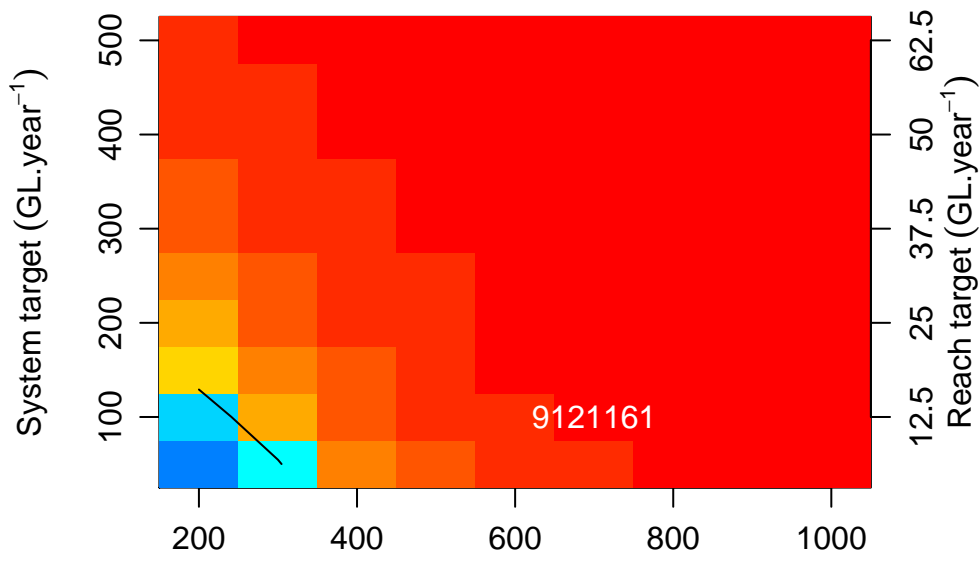




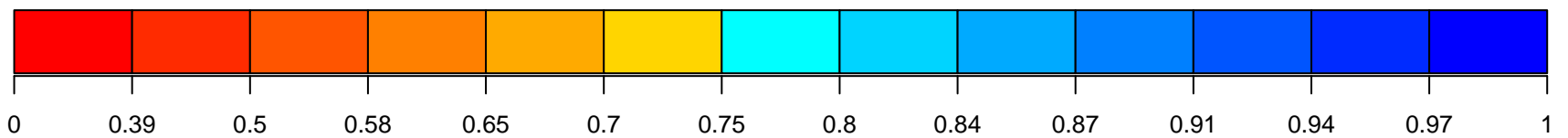
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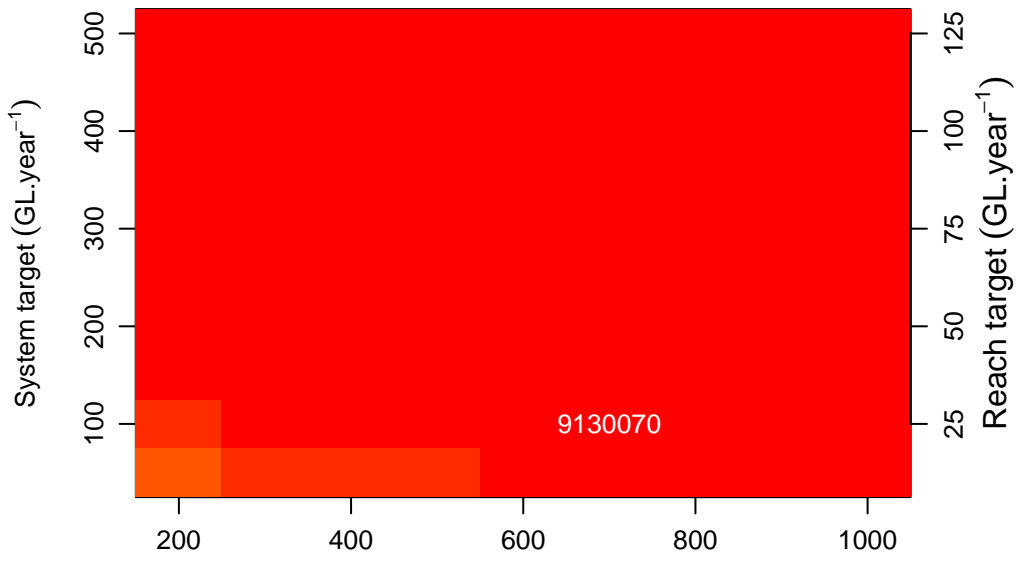
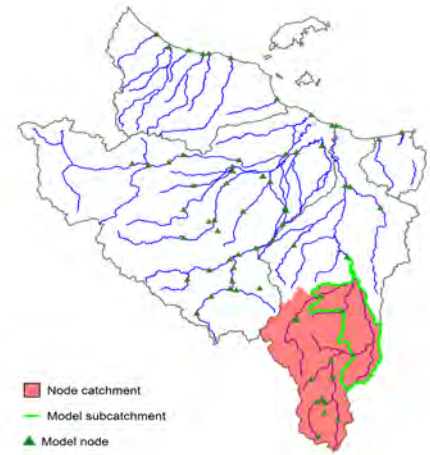
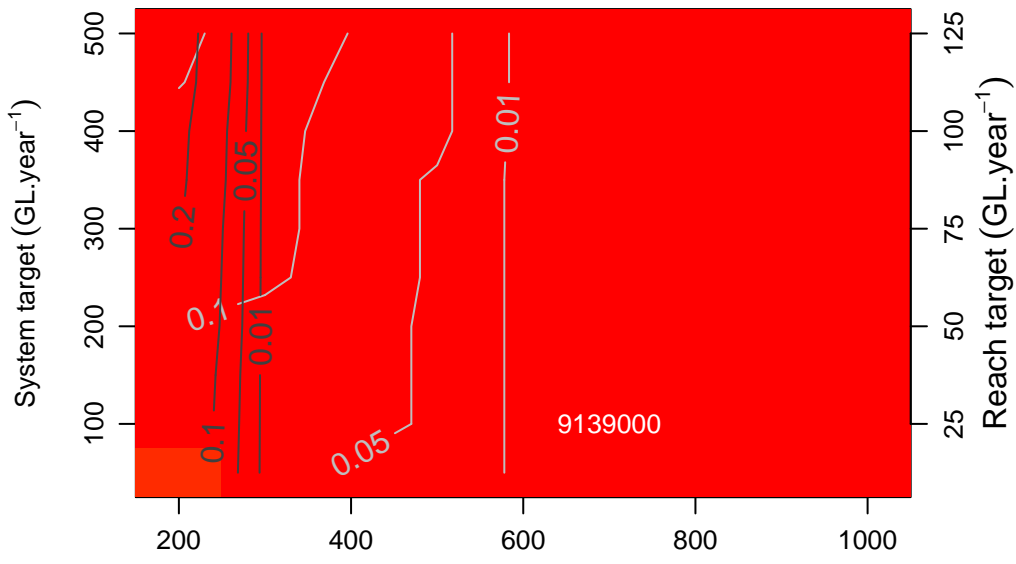


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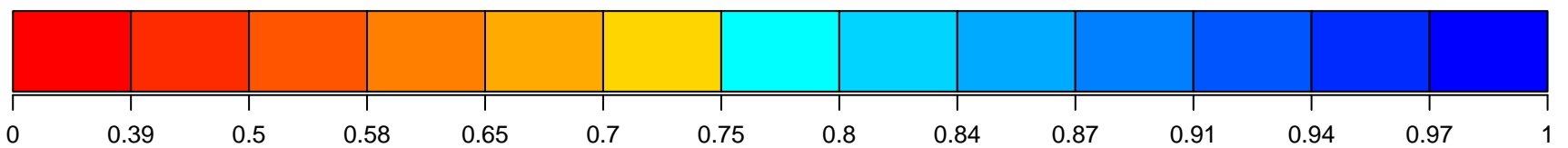


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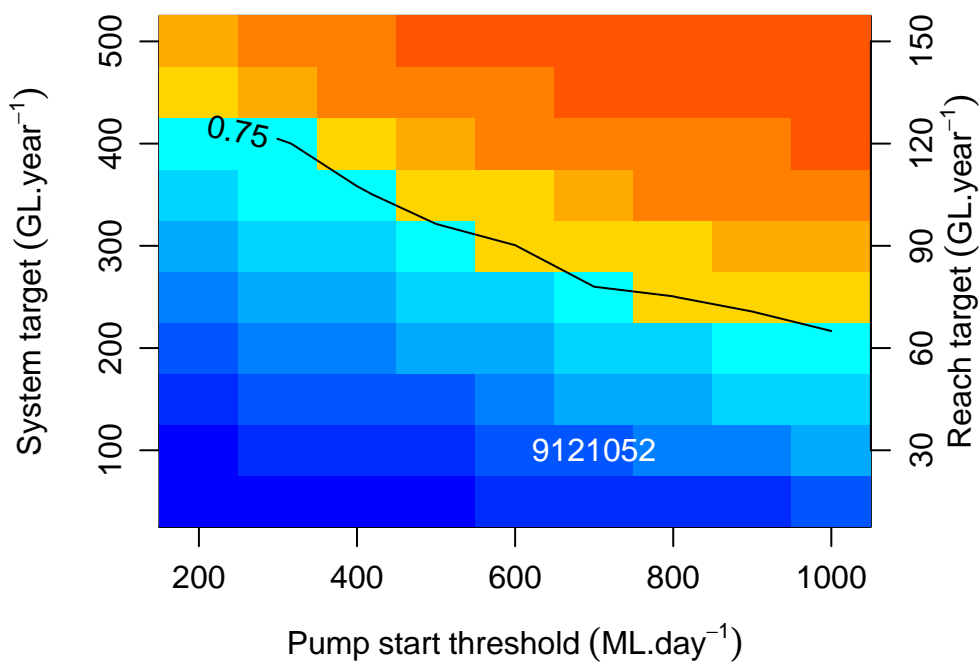
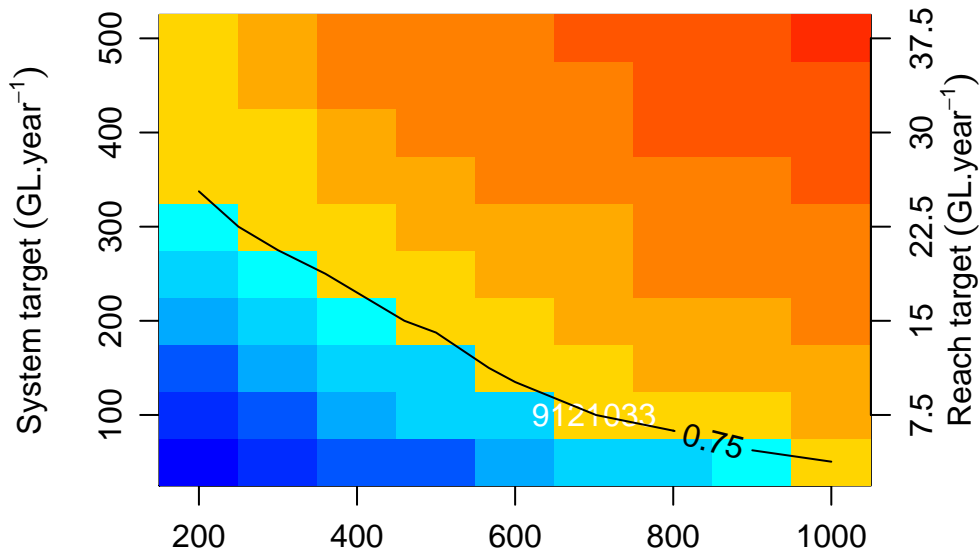
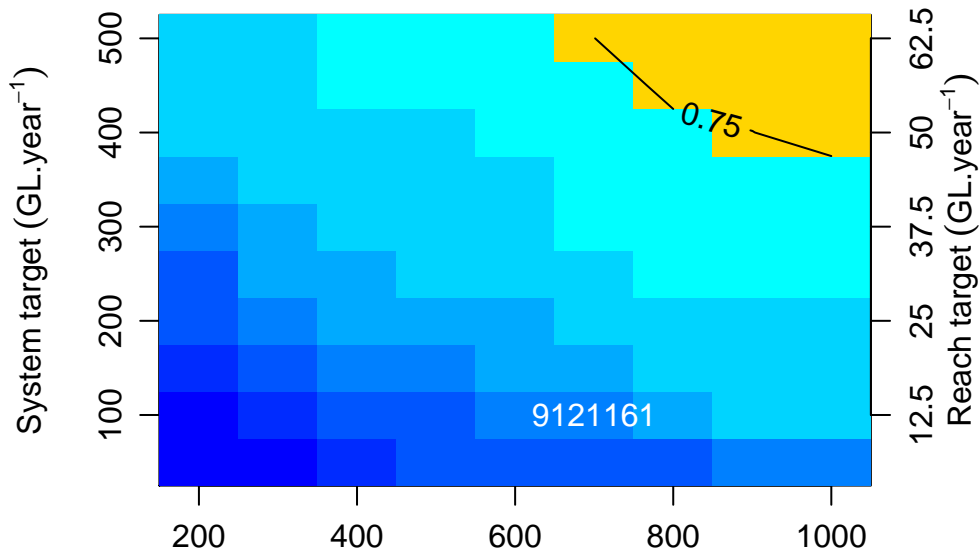




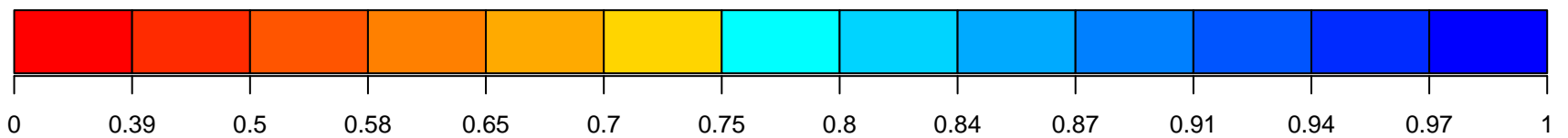
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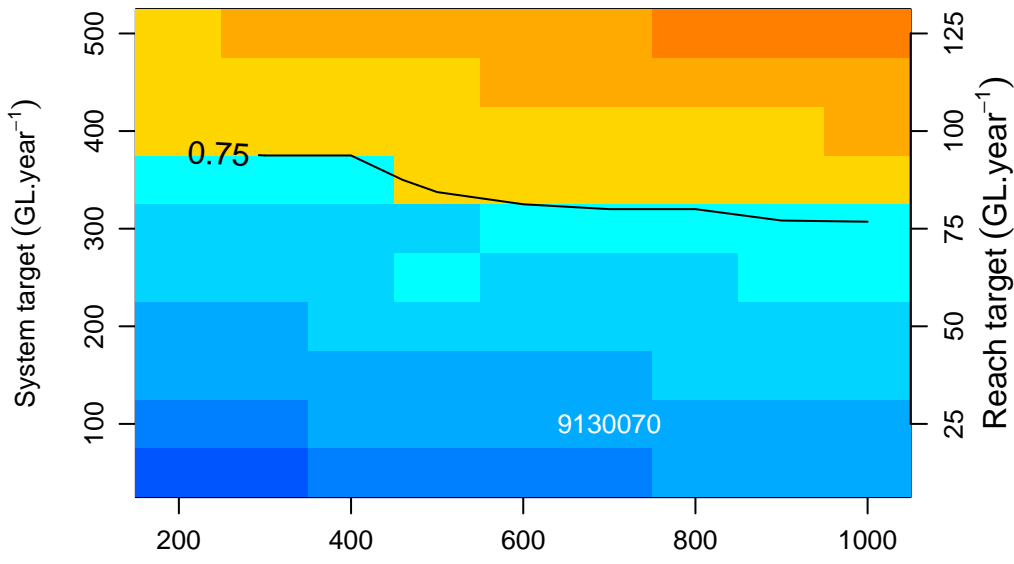
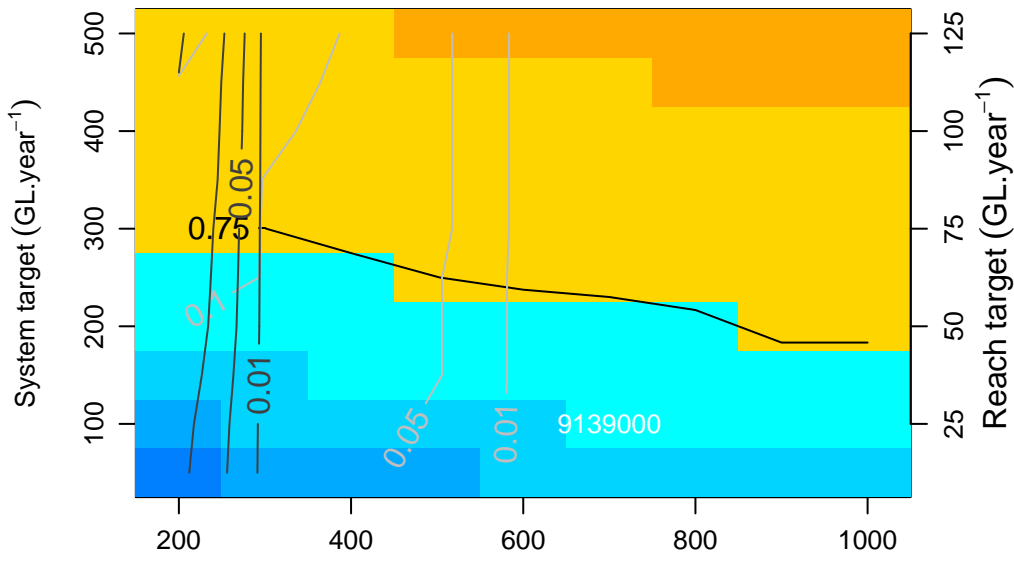


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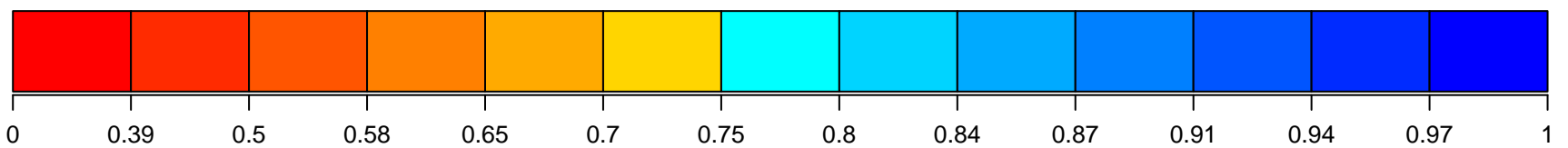


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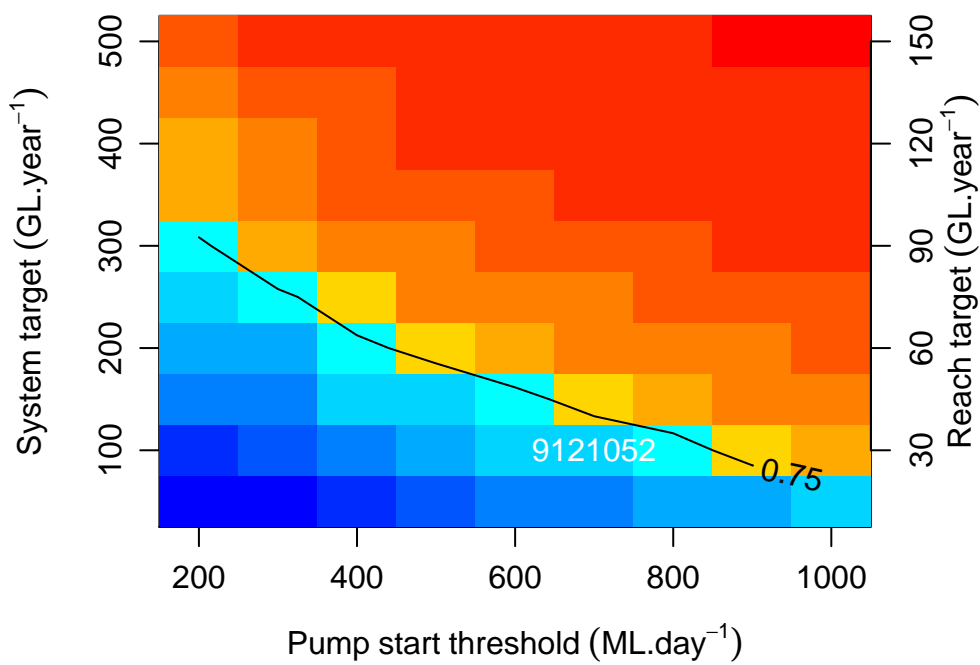
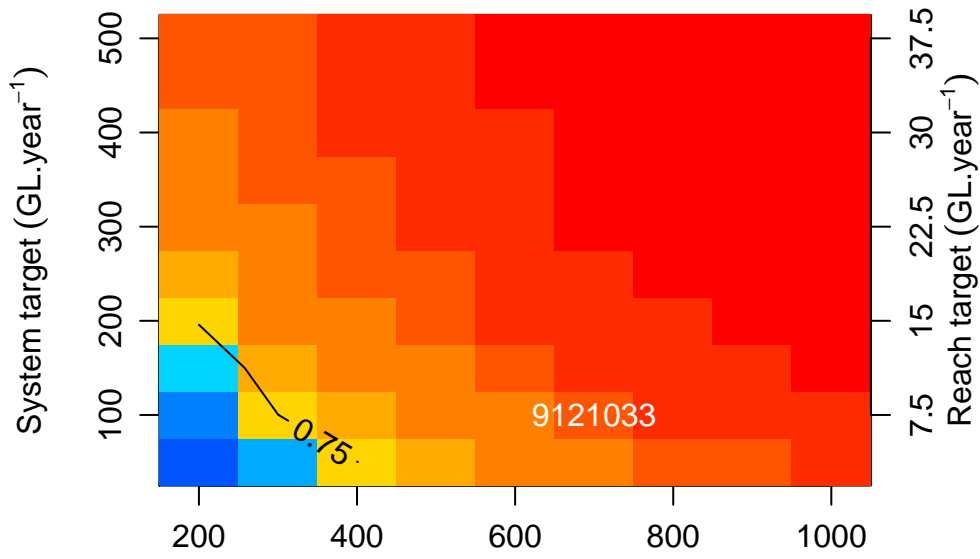
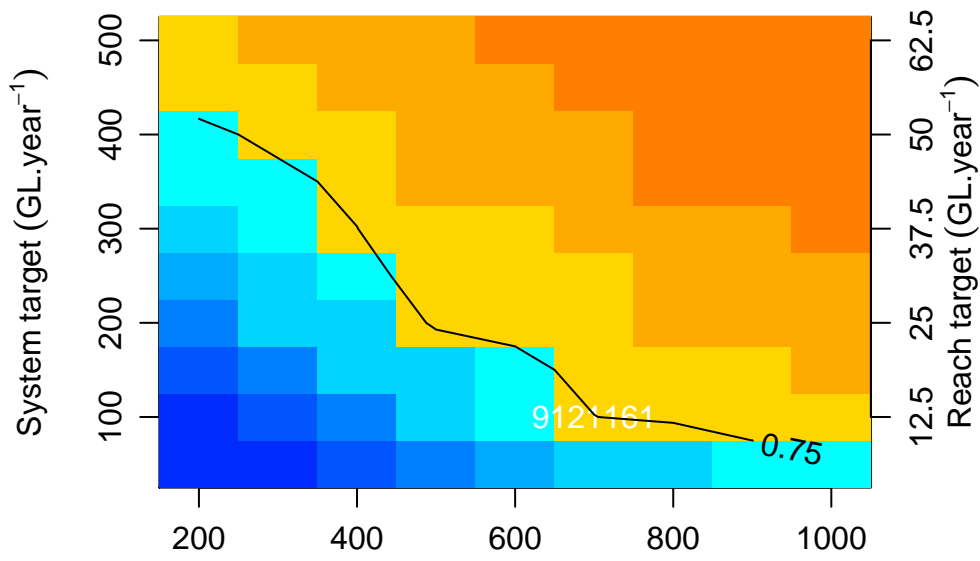




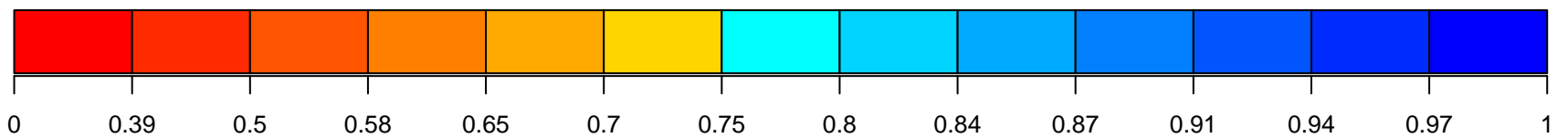
Annual reliability colour scale

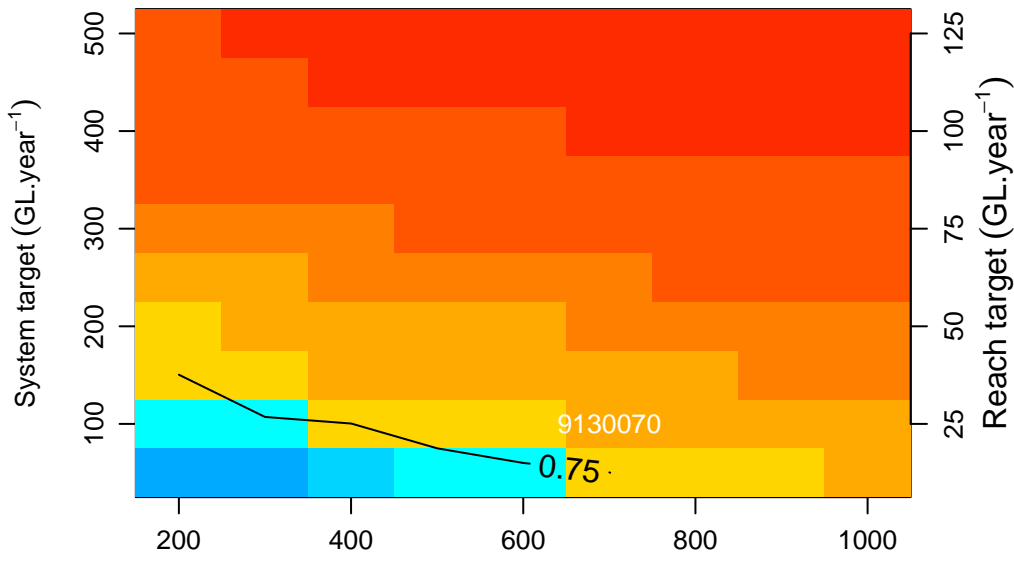
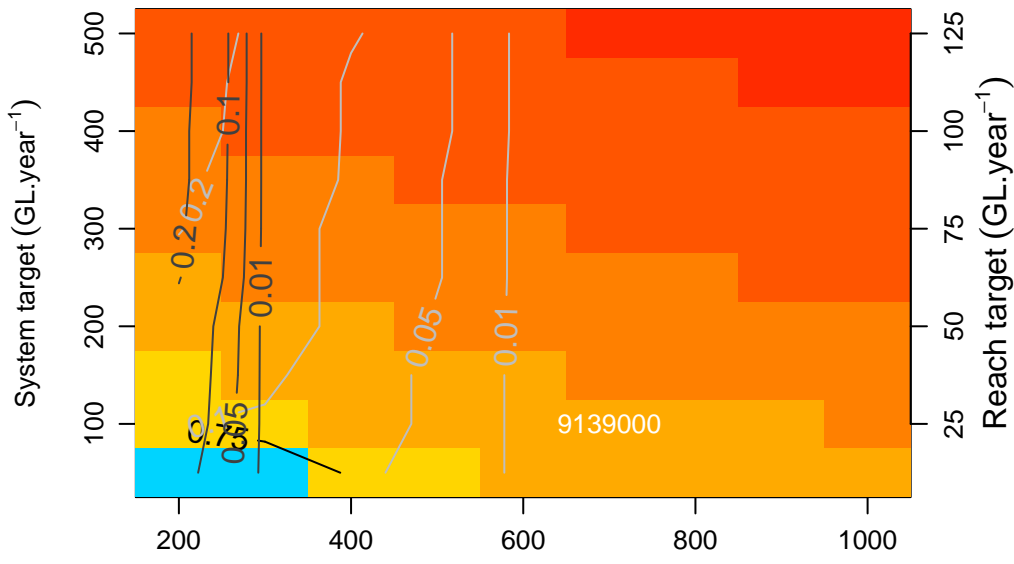


Pump rate : 20 days, EOS : 100

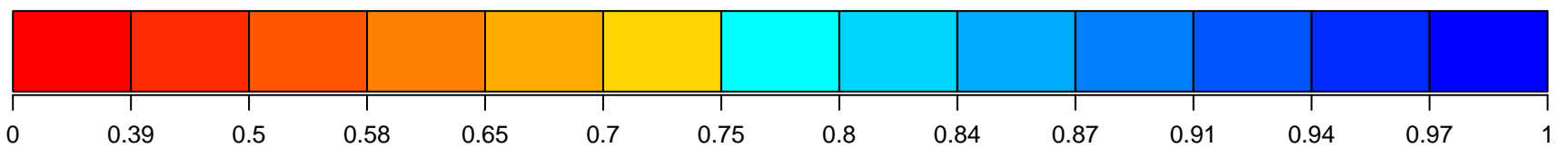


Annual reliability colour scale

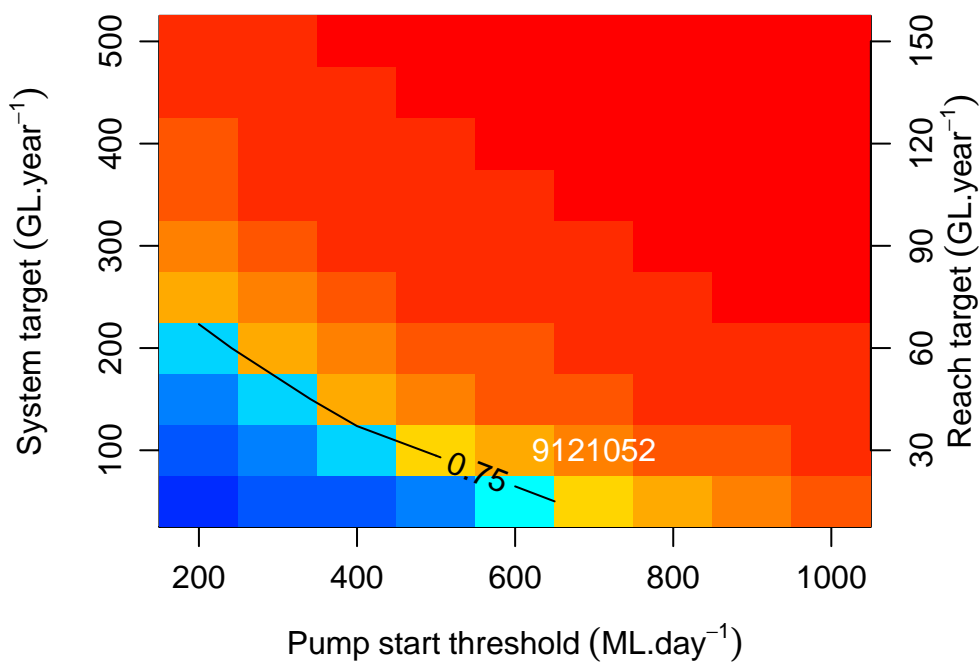
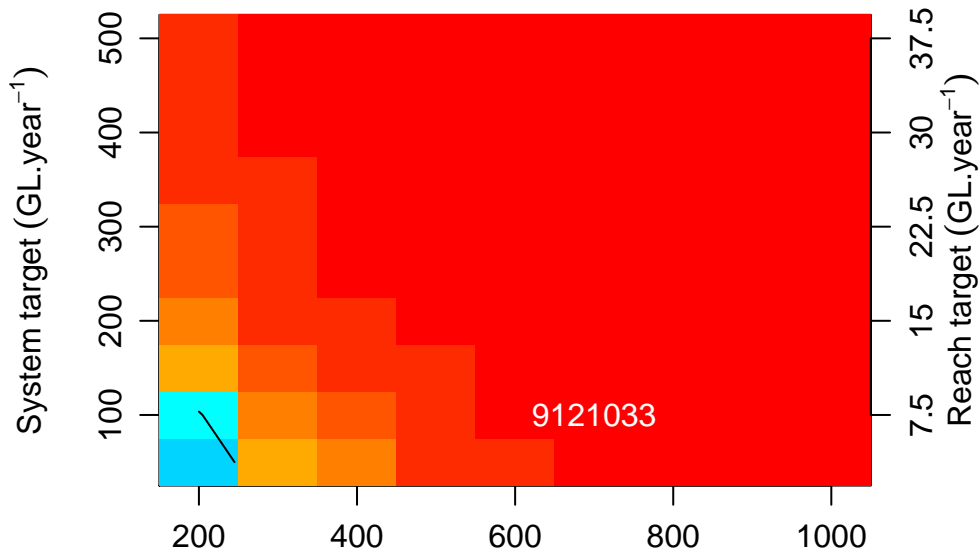
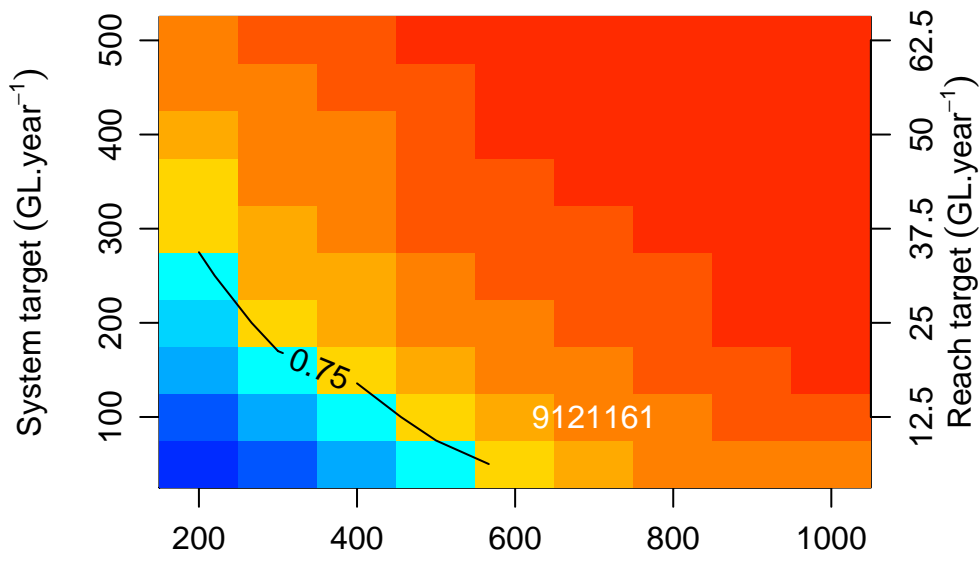




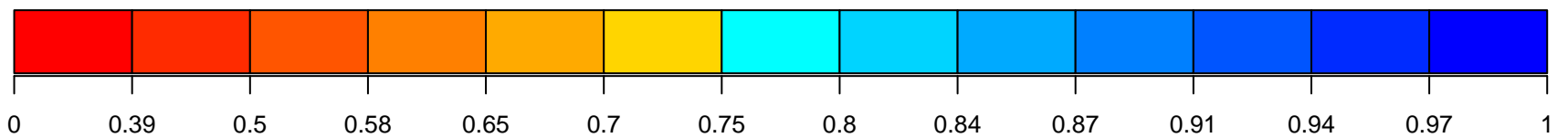
Annual reliability colour scale

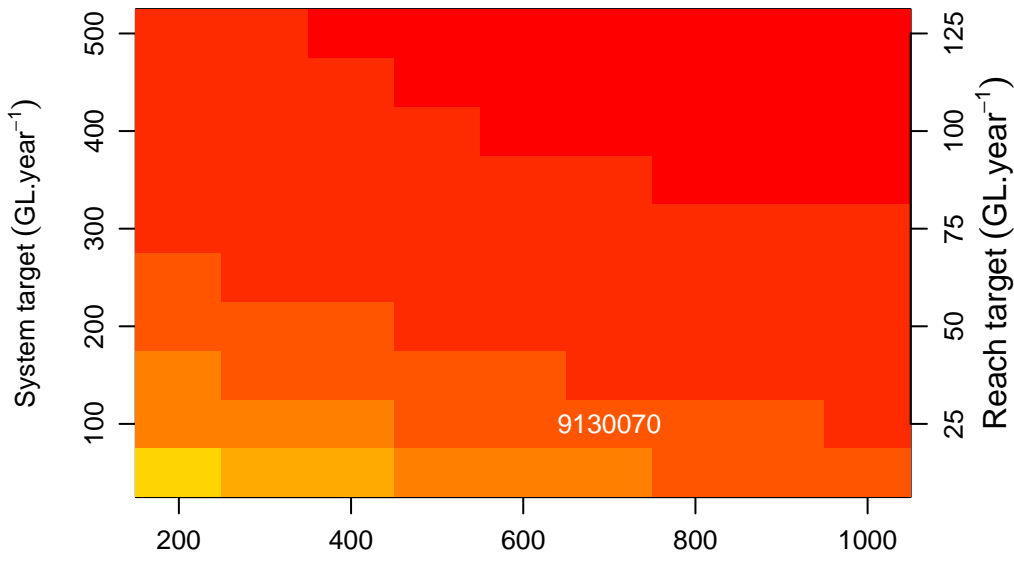
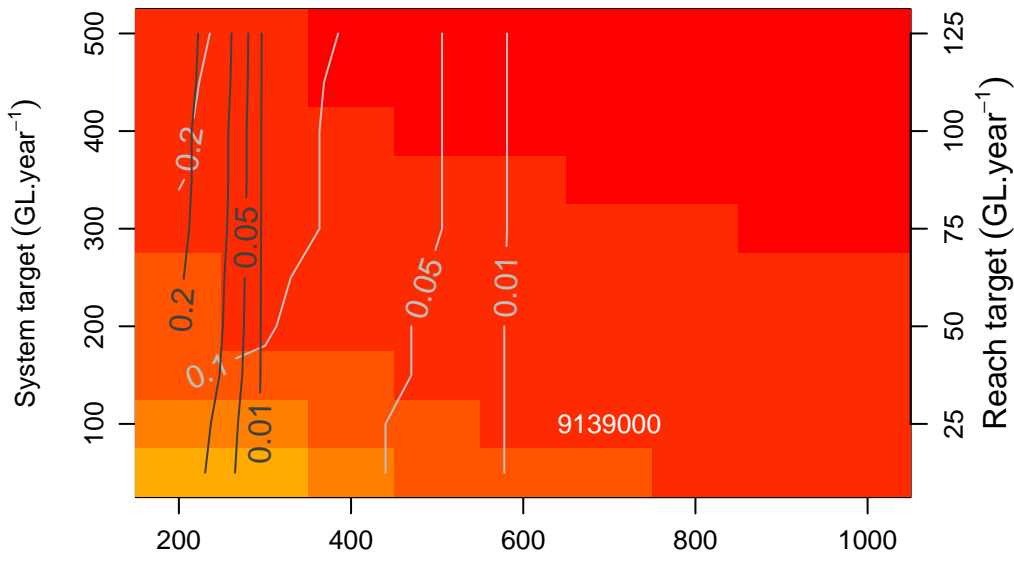


Pump rate : 30 days, EOS : 100

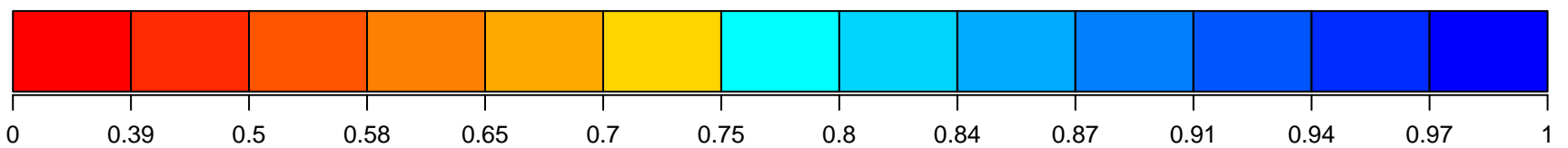


Annual reliability colour scale

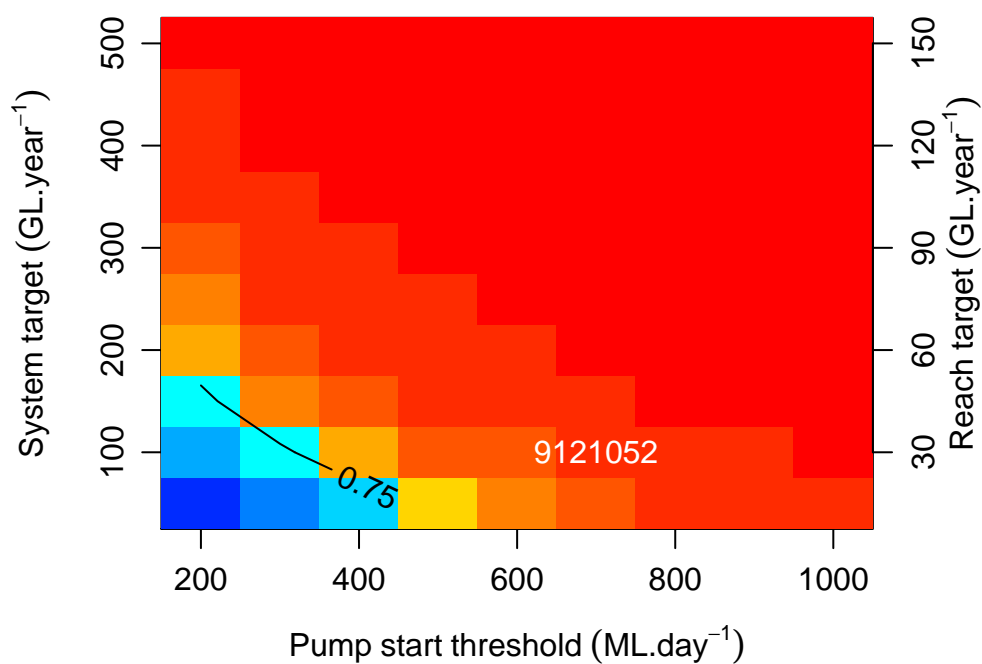
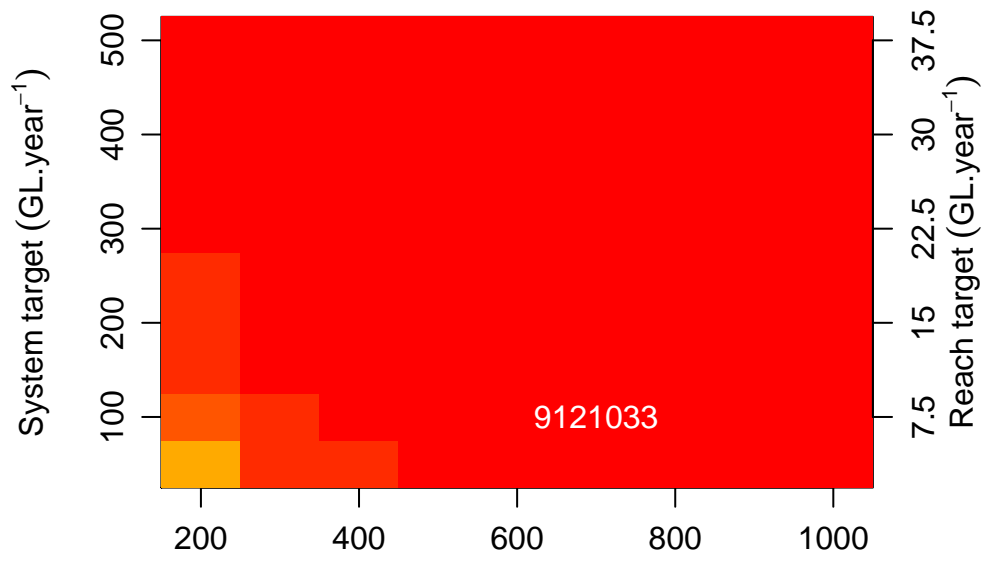
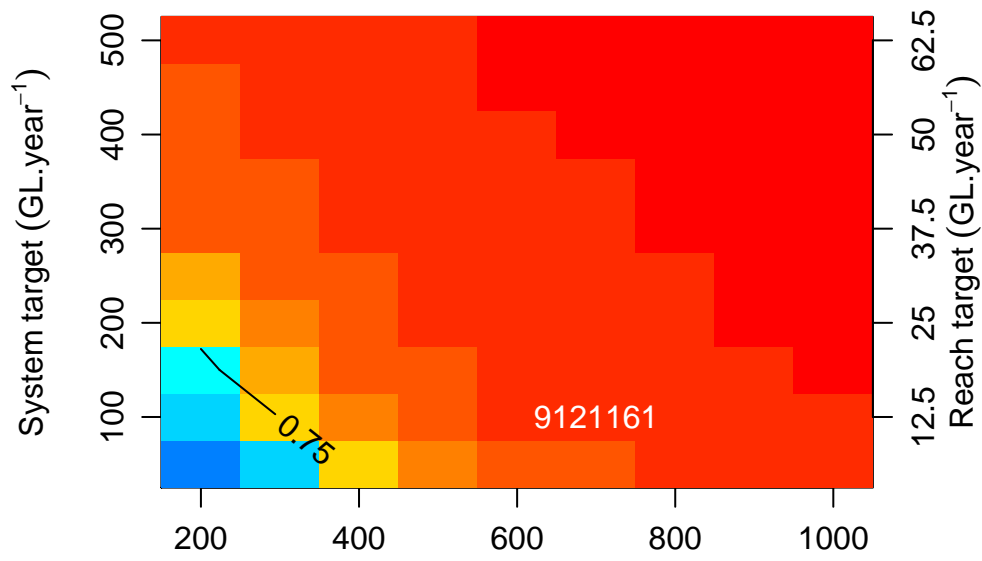




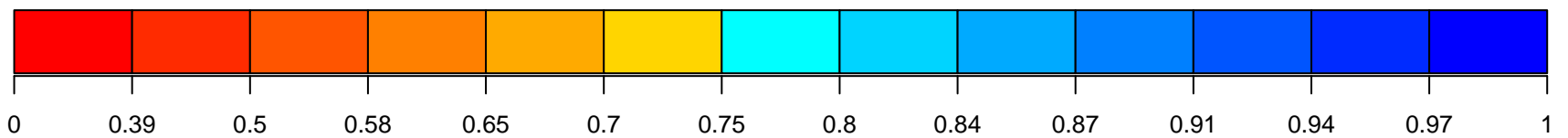
Annual reliability colour scale

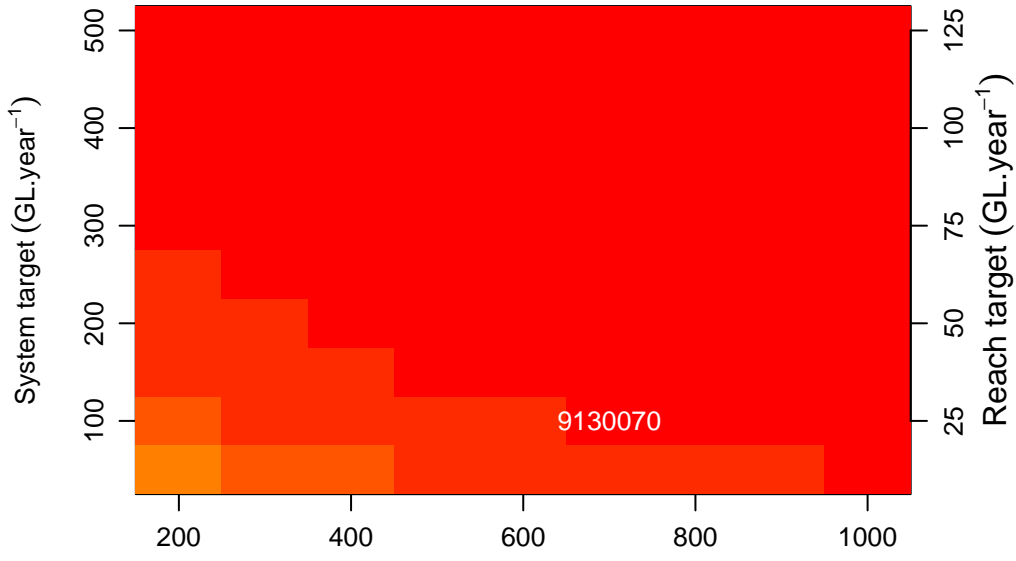
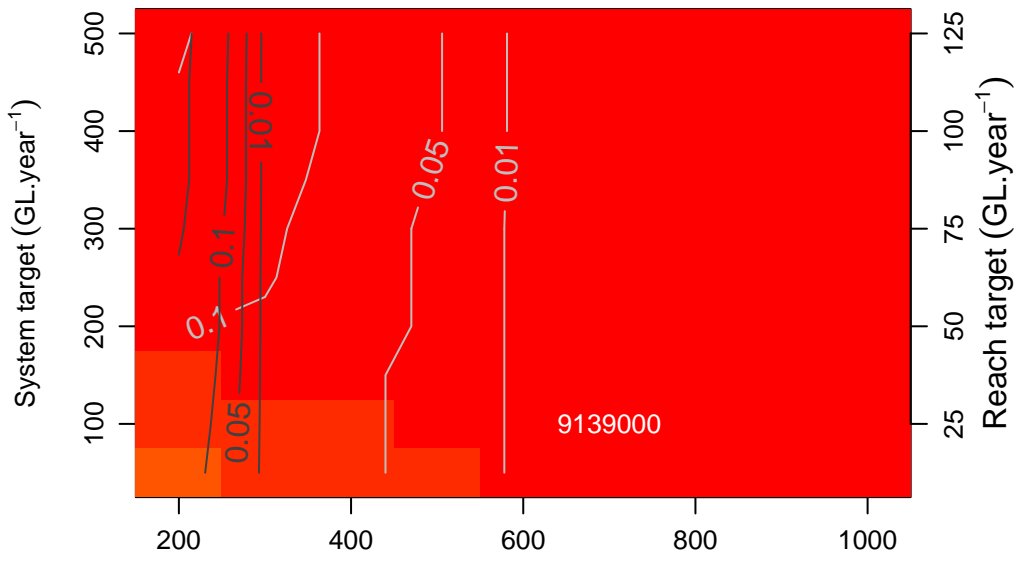


Pump rate : 40 days, EOS : 100

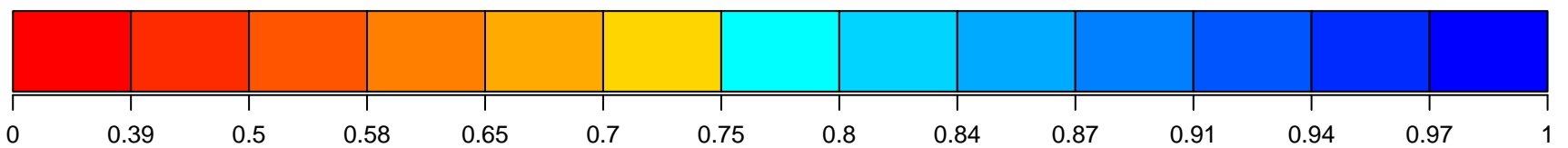


Annual reliability colour scale

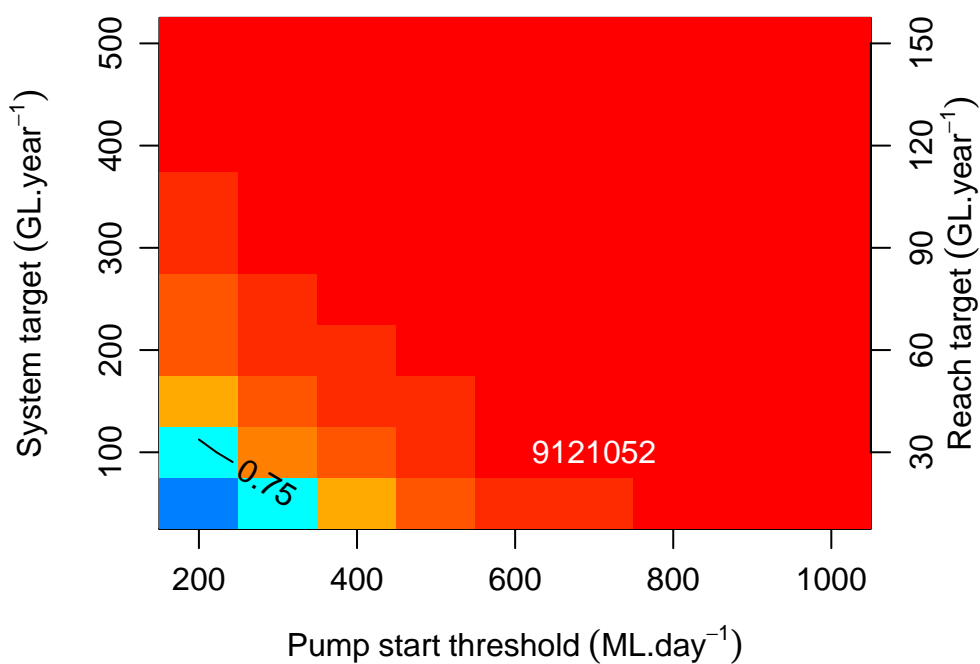
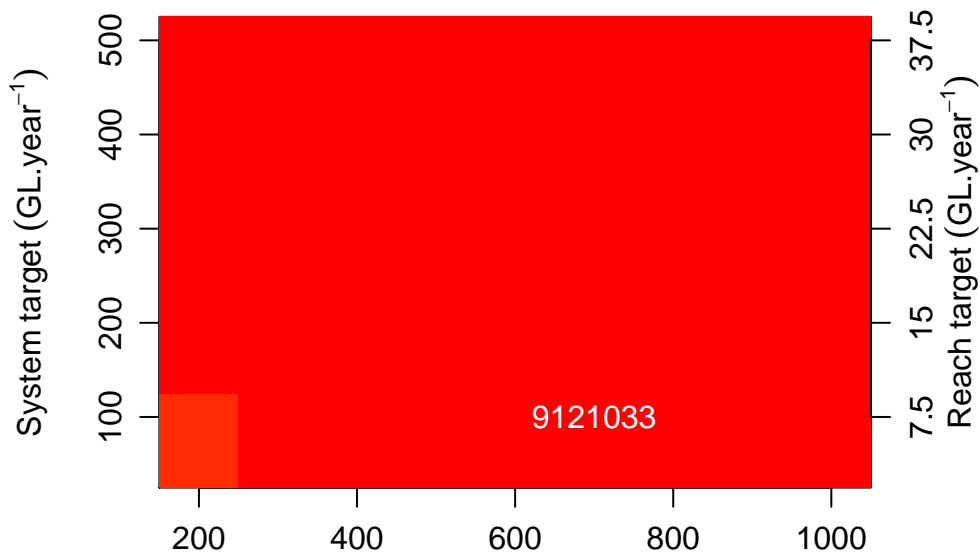
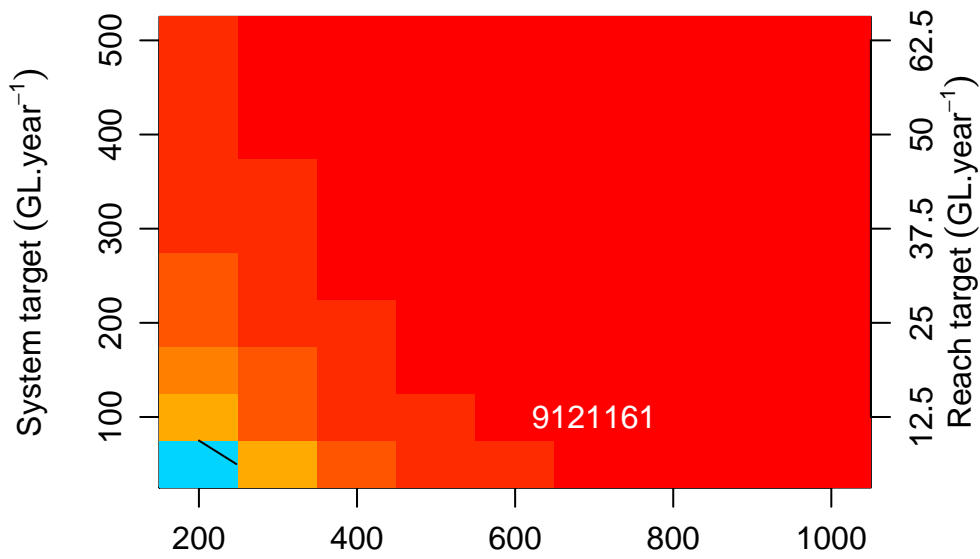




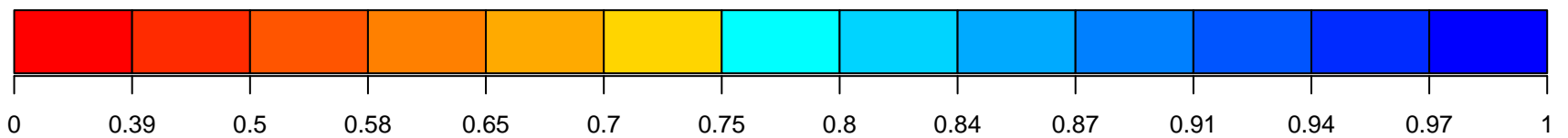
Annual reliability colour scale

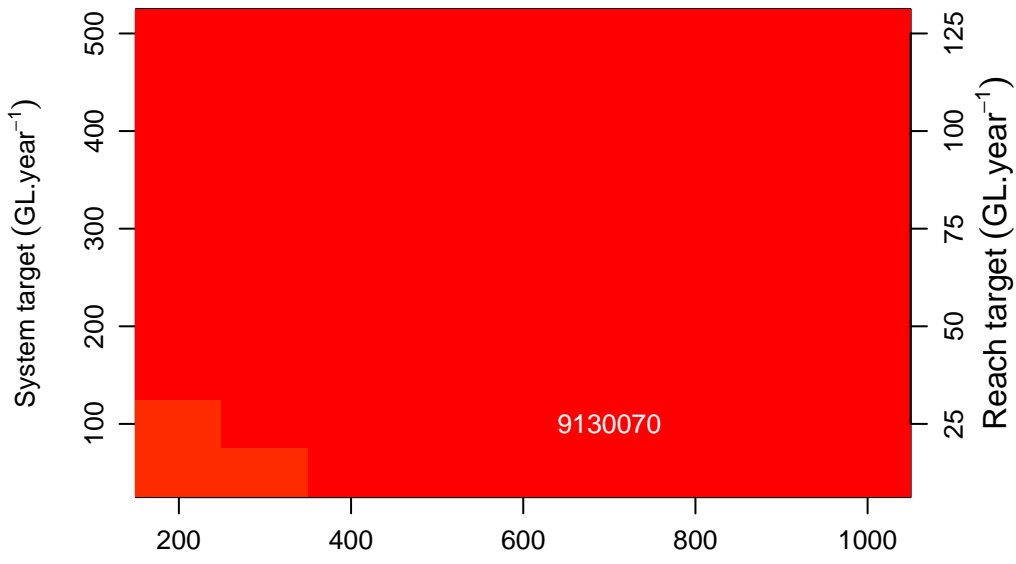
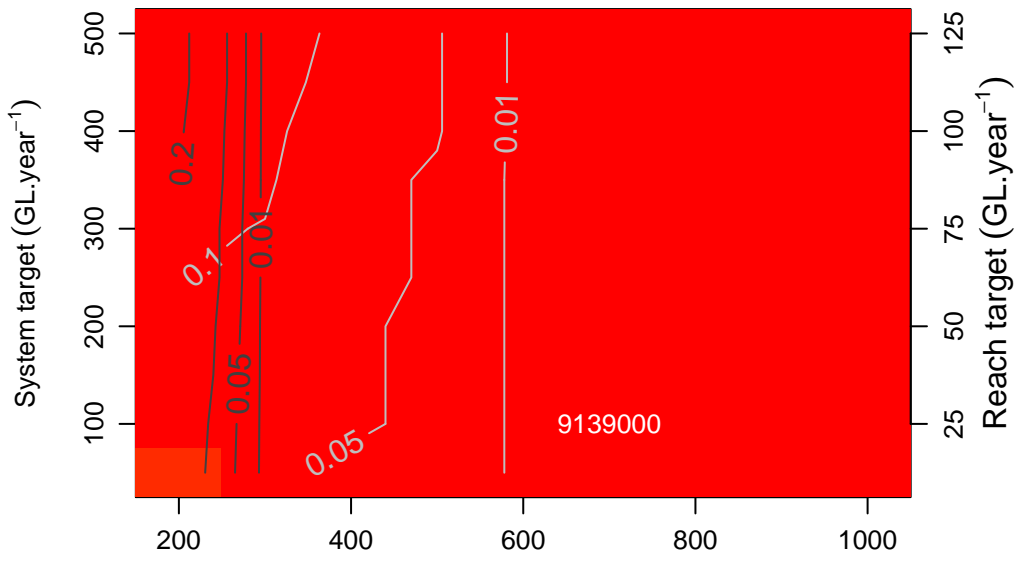


Pump rate : 50 days, EOS : 100

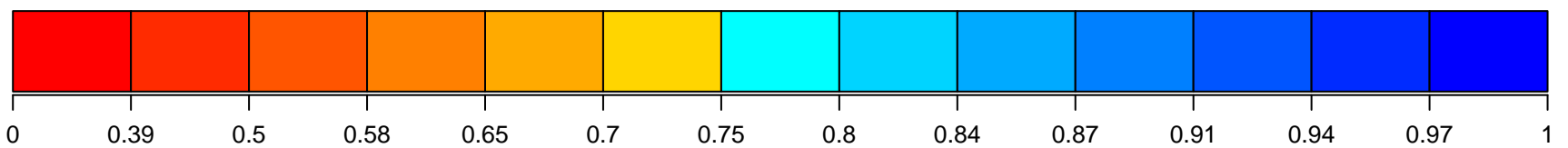


Annual reliability colour scale

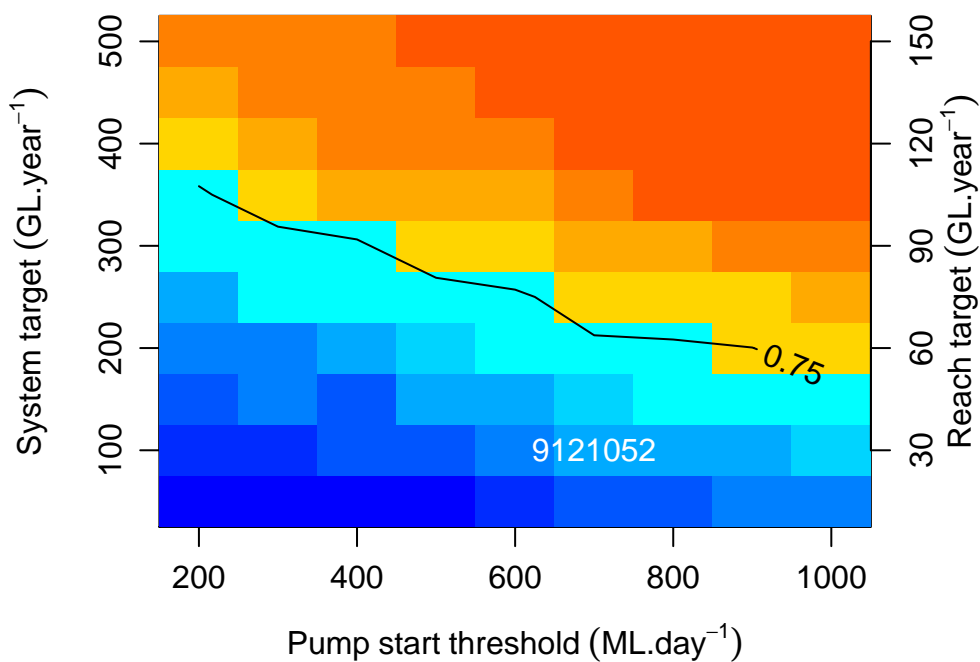
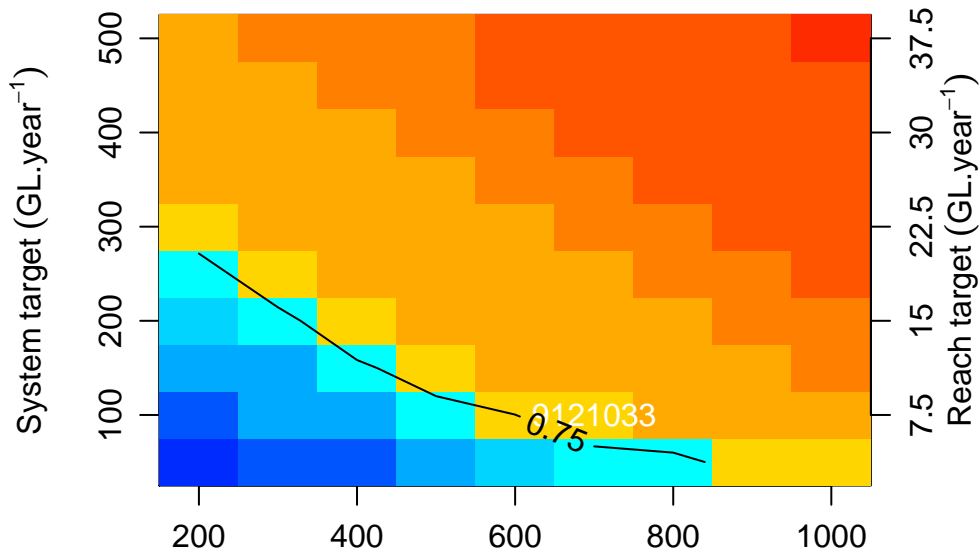
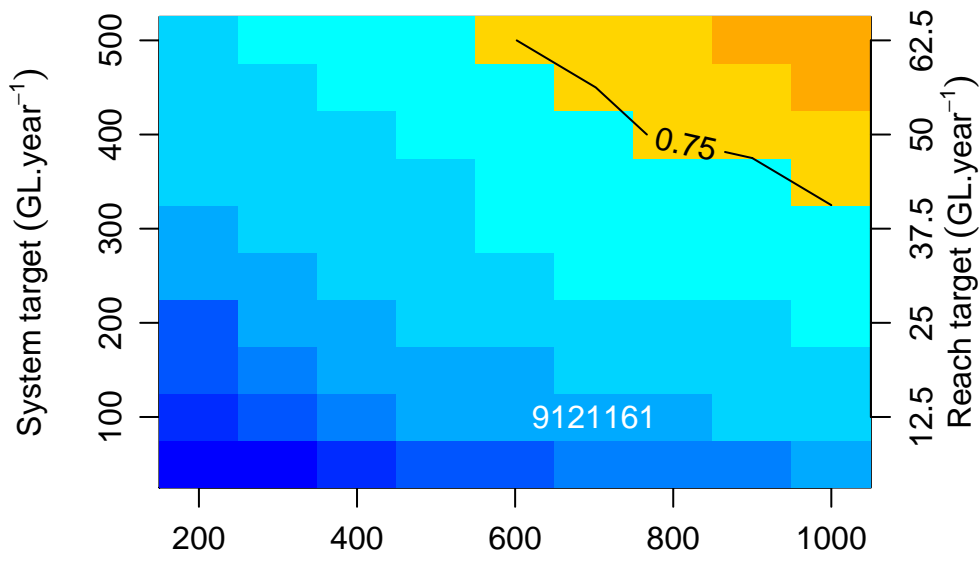




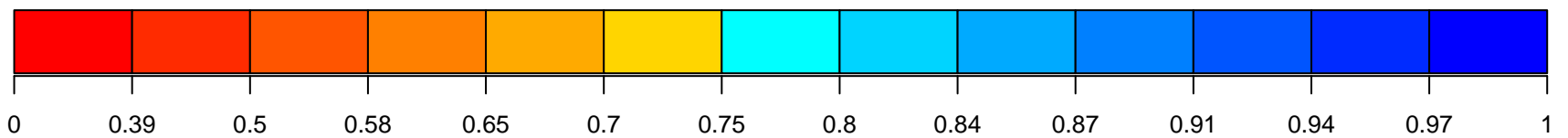
Annual reliability colour scale

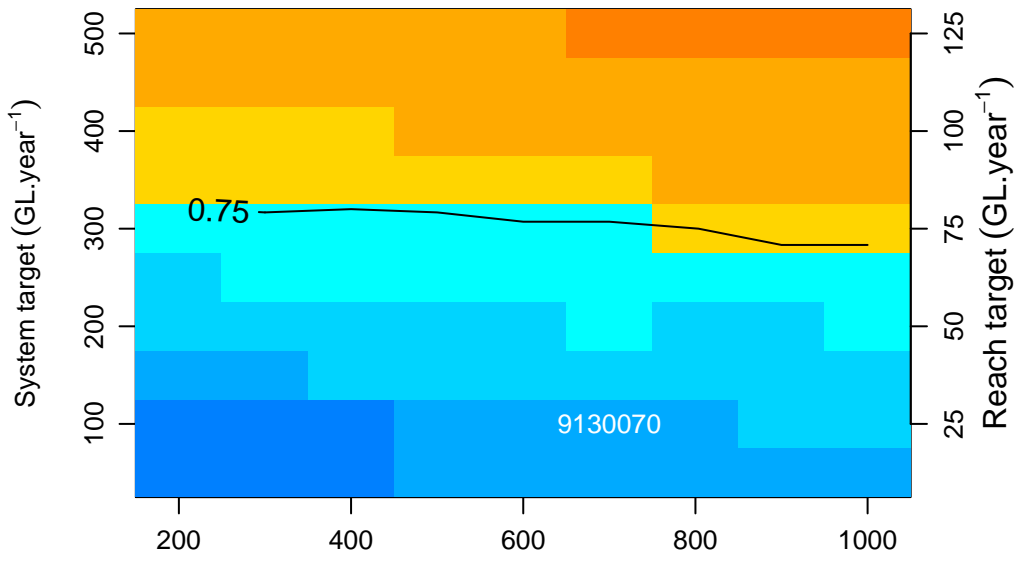
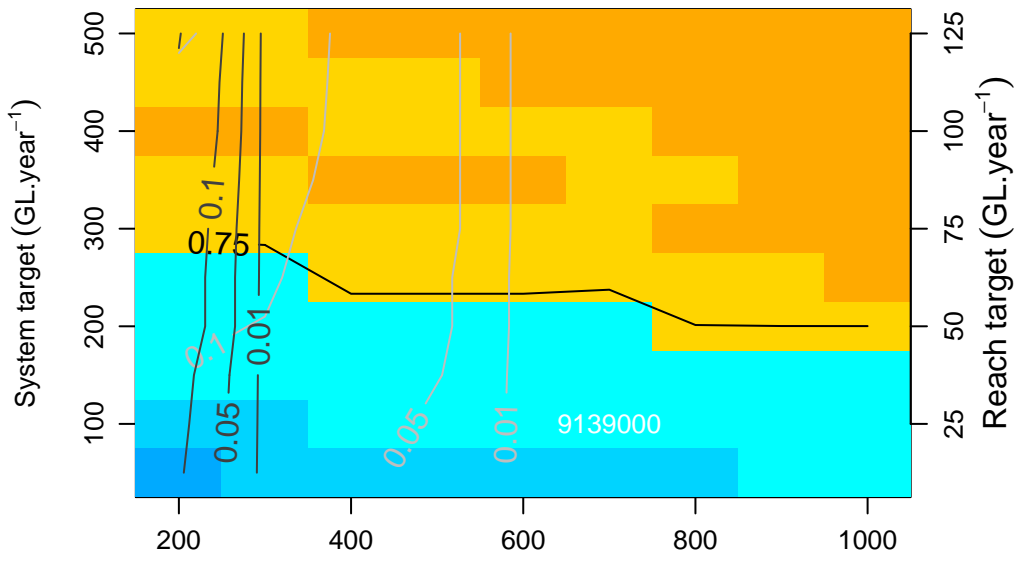


Pump rate : 10 days, EOS : 150

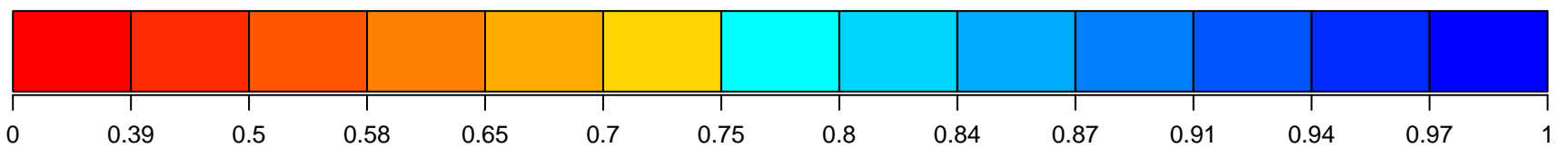


Annual reliability colour scale

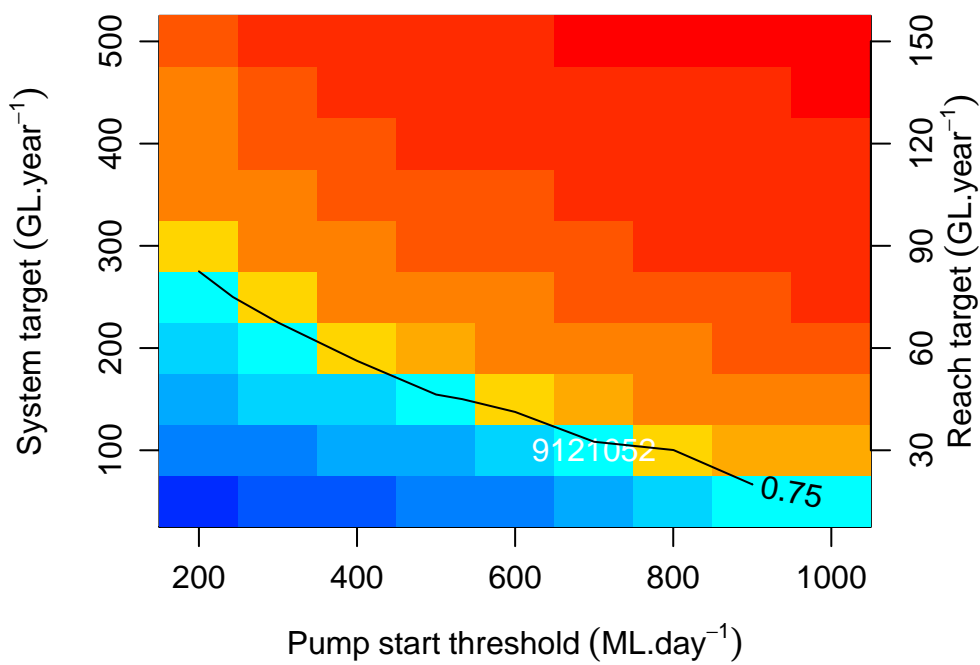
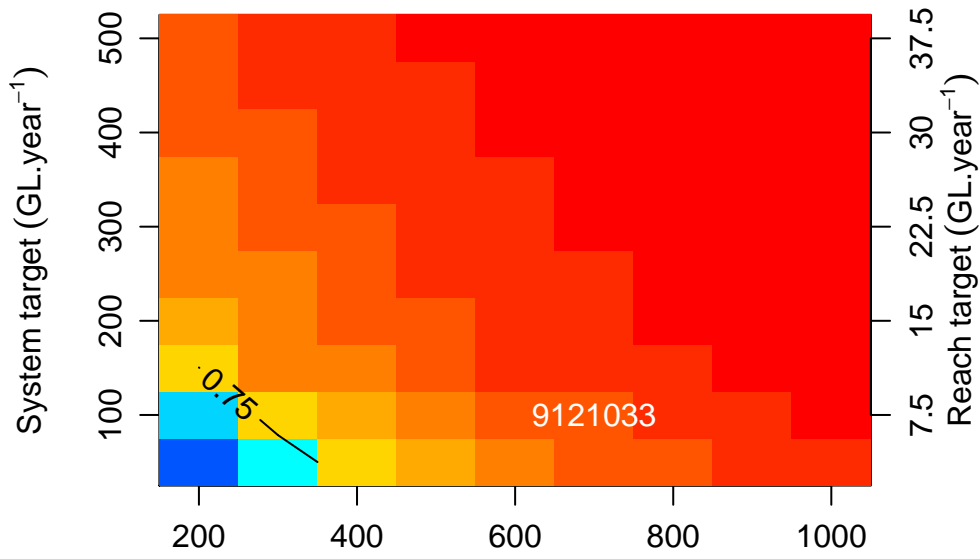
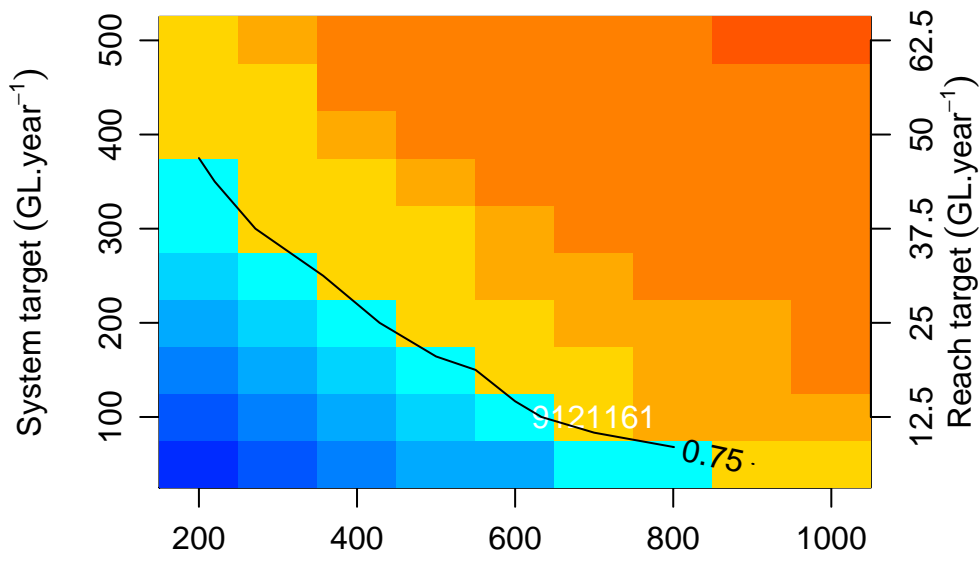




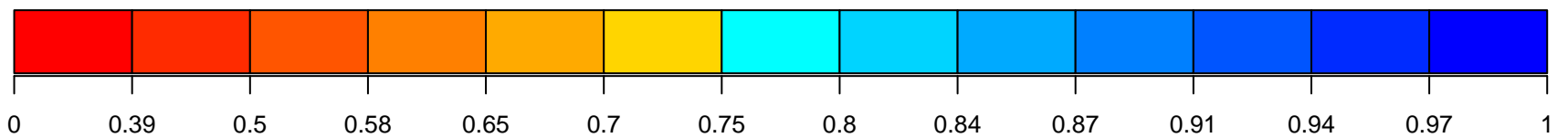
Annual reliability colour scale

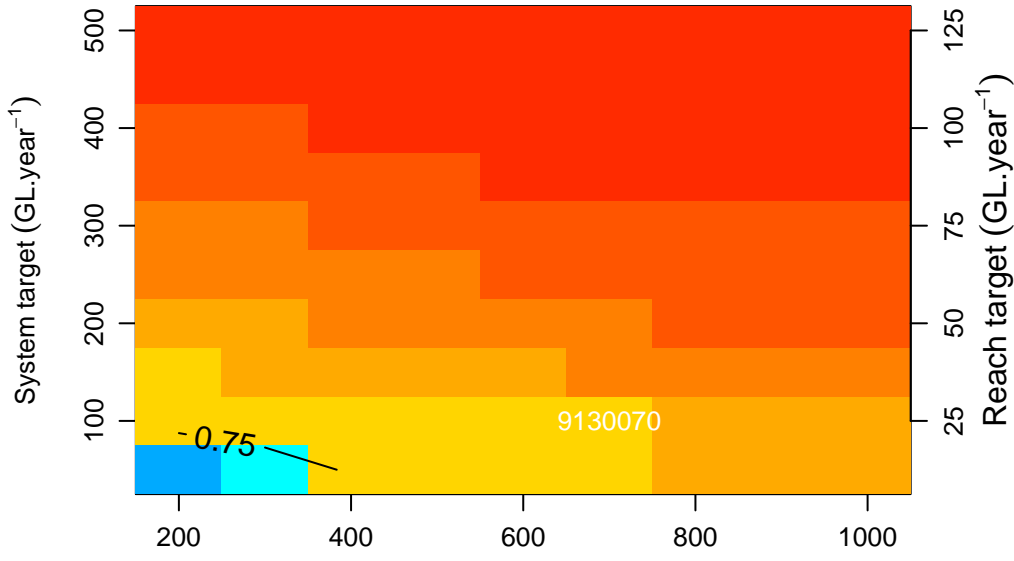
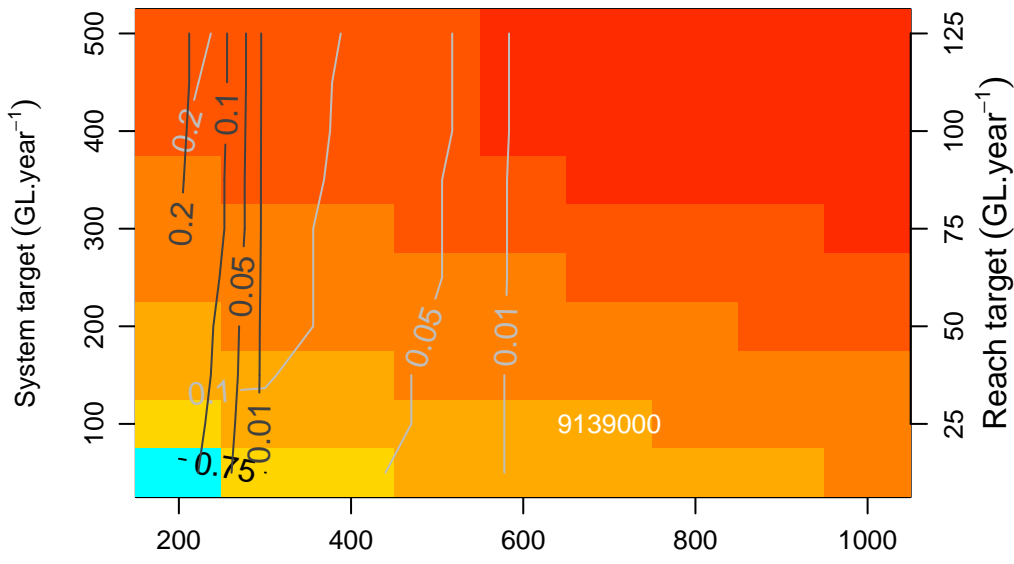


Pump rate : 20 days, EOS : 150

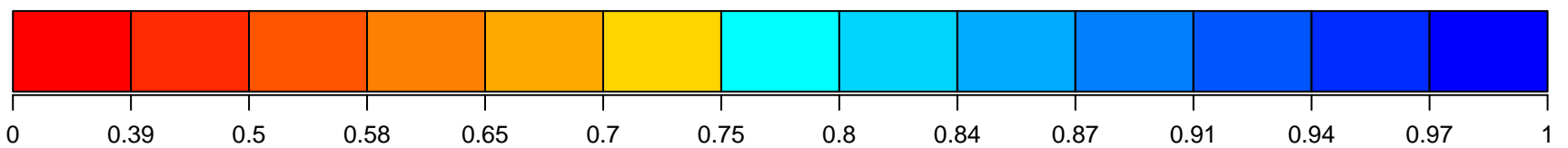


Annual reliability colour scale

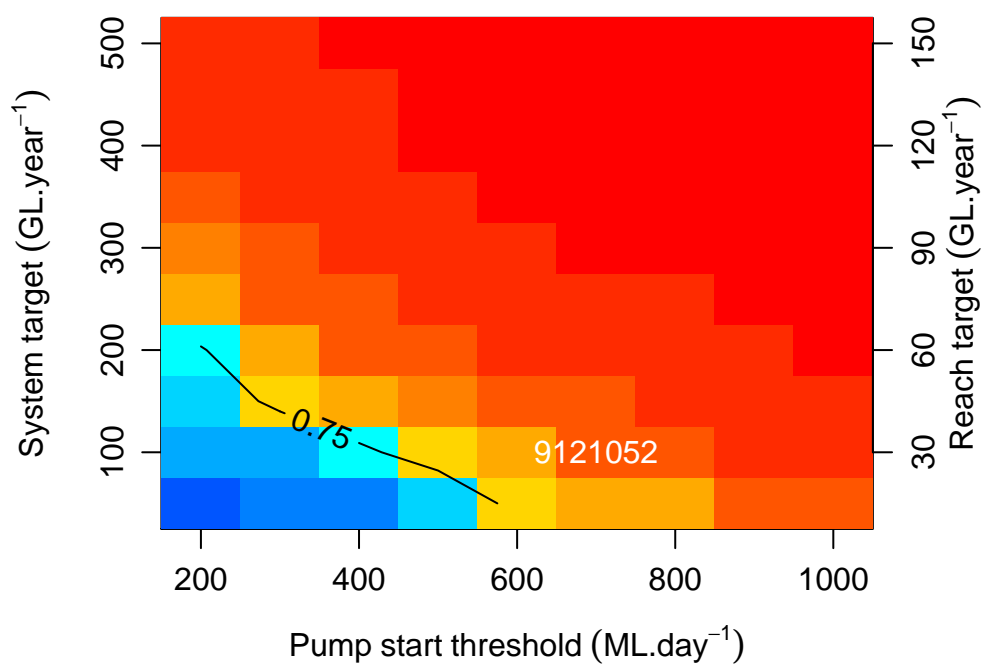
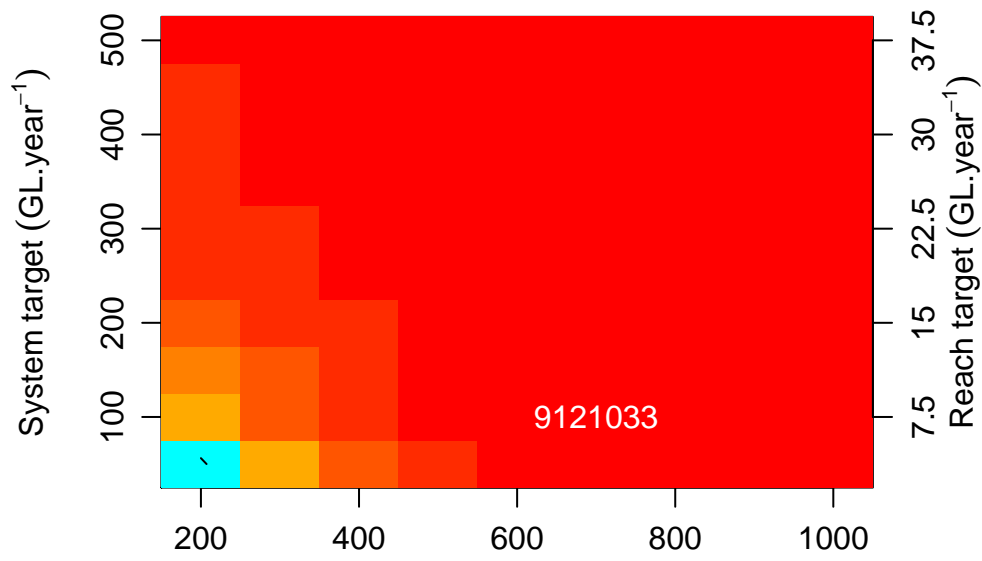
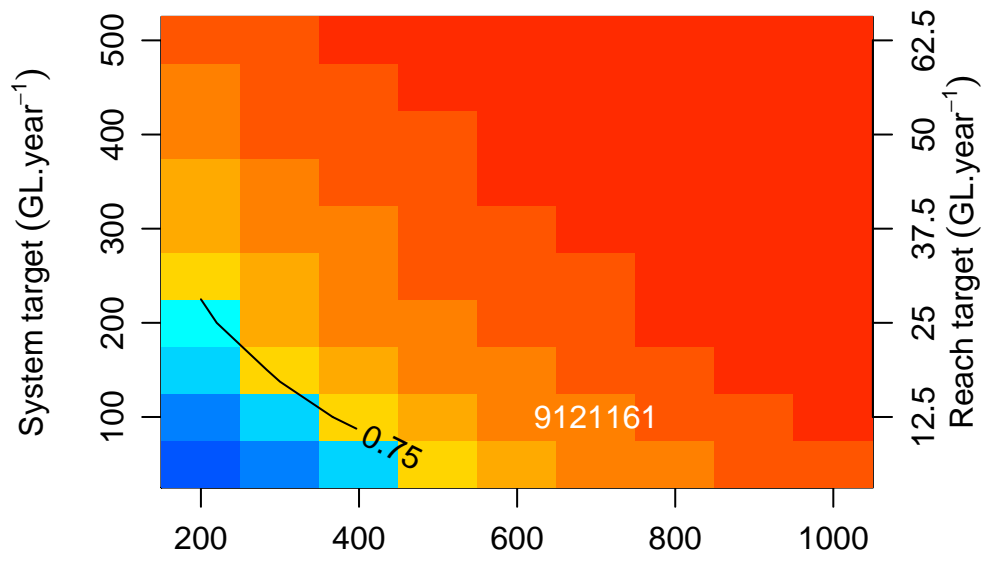




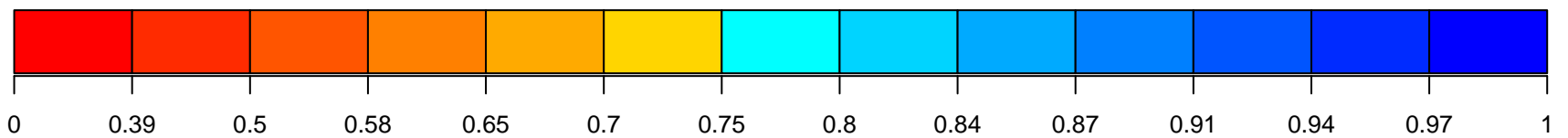
Annual reliability colour scale

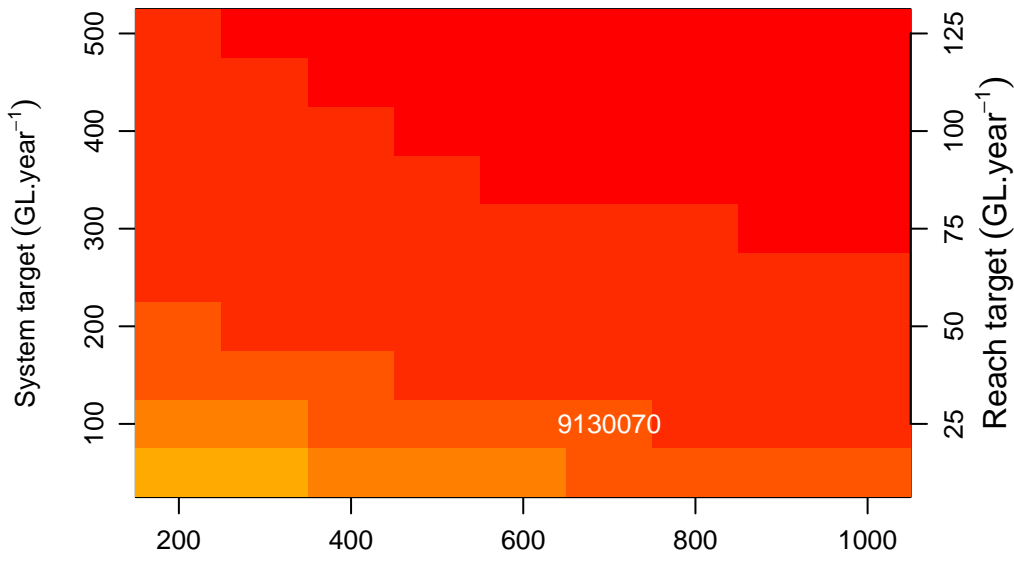
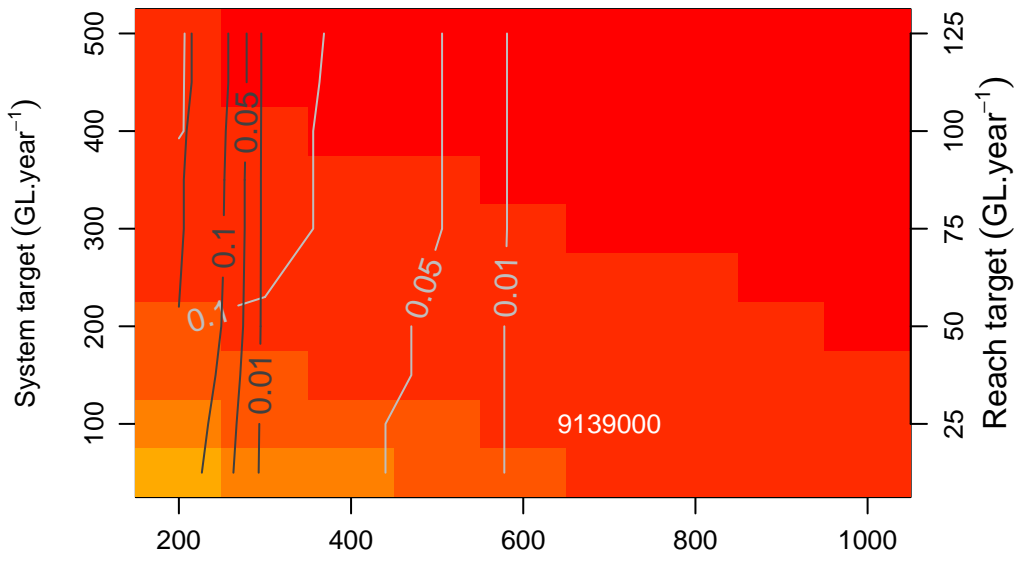


Pump rate : 30 days, EOS : 150

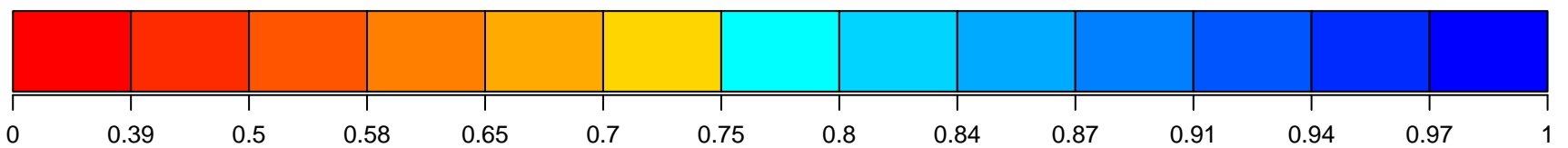


Annual reliability colour scale

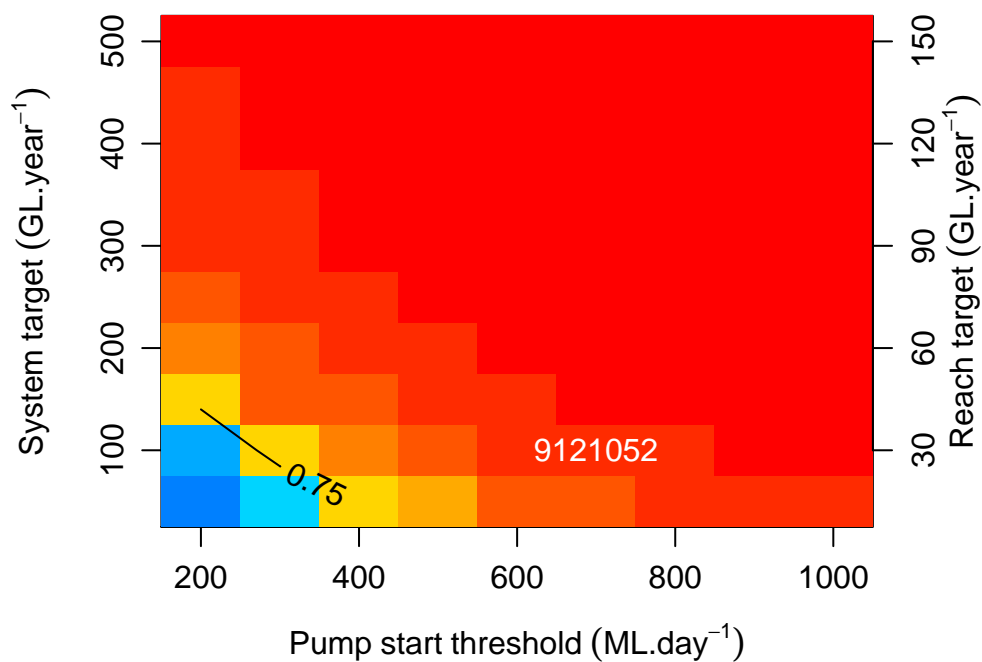
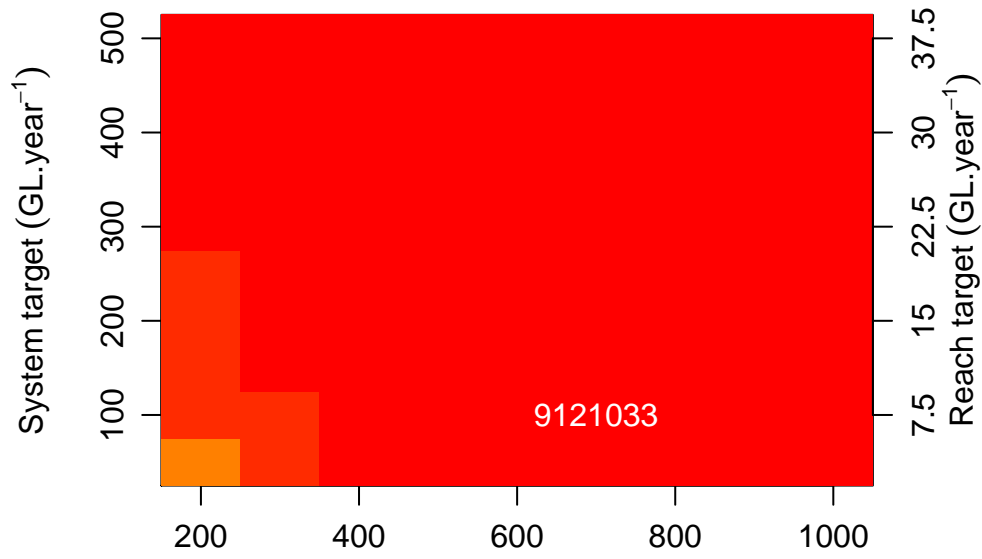
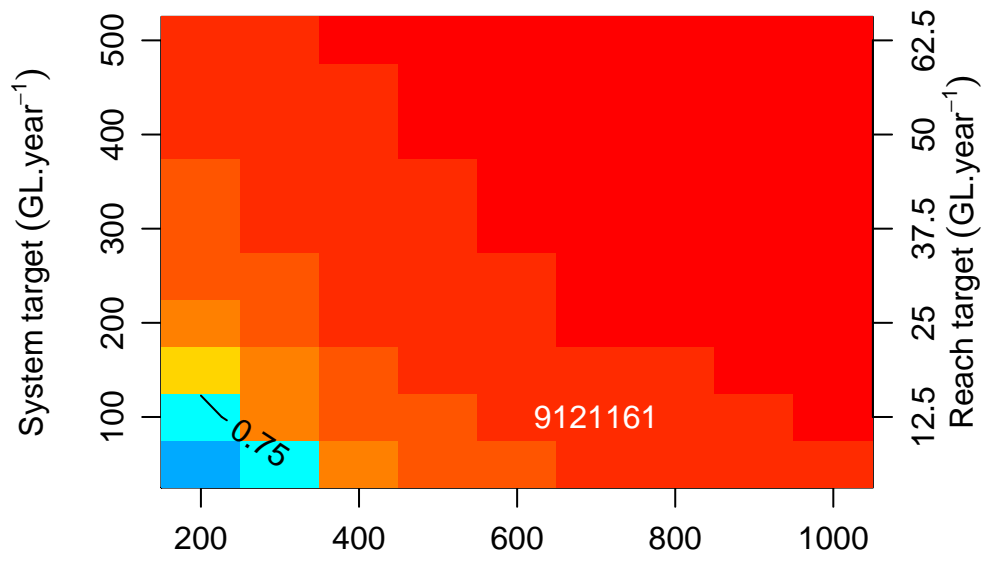




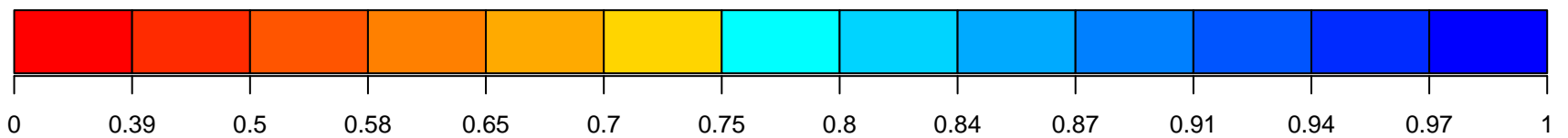
Annual reliability colour scale

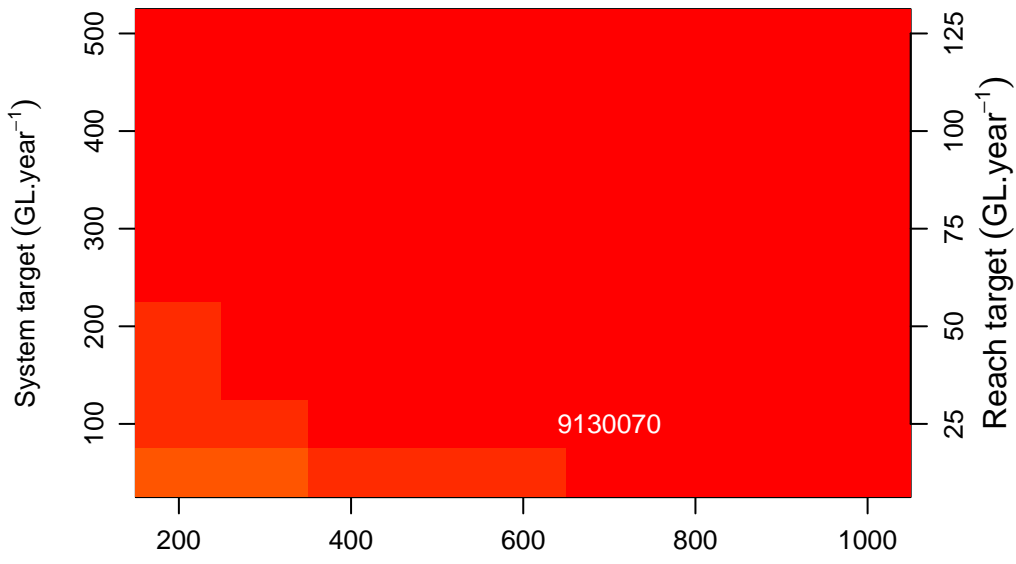
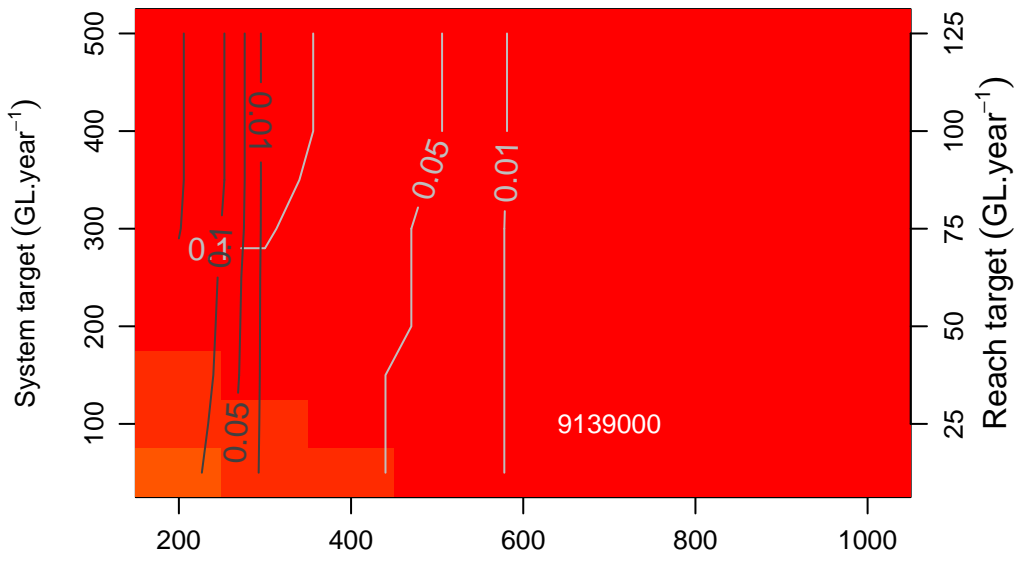


Pump rate : 40 days, EOS : 150

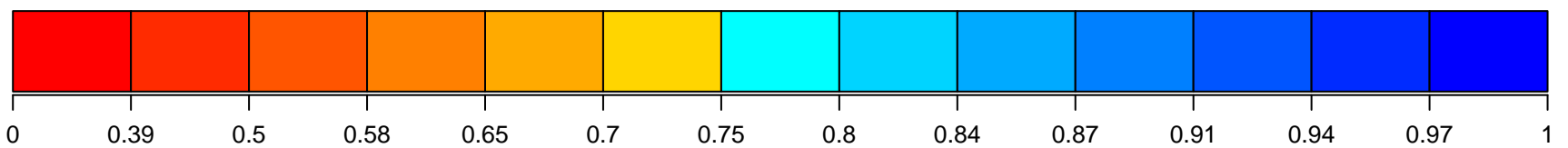


Annual reliability colour scale

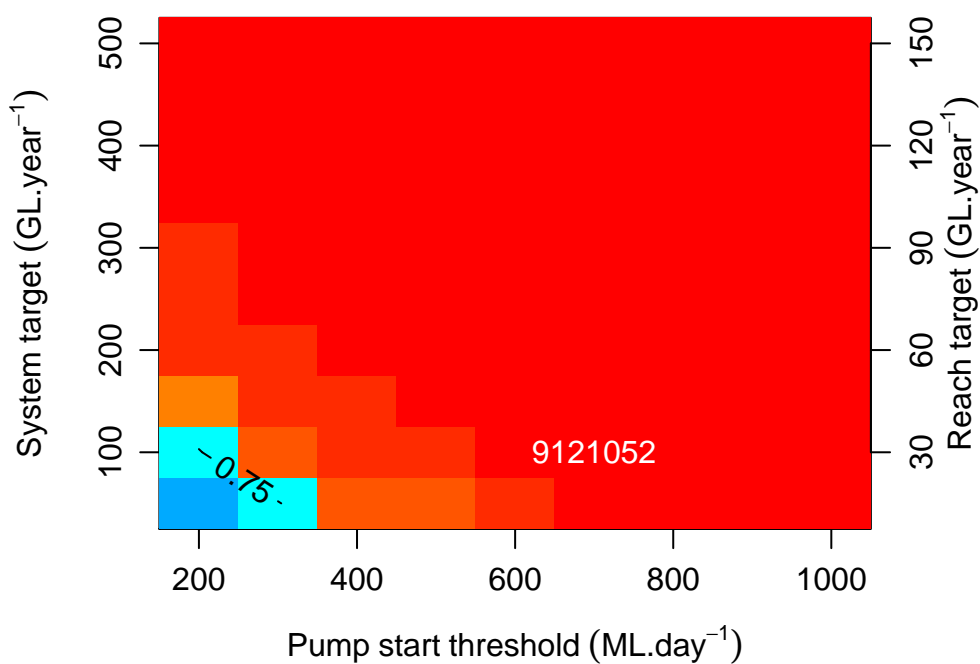
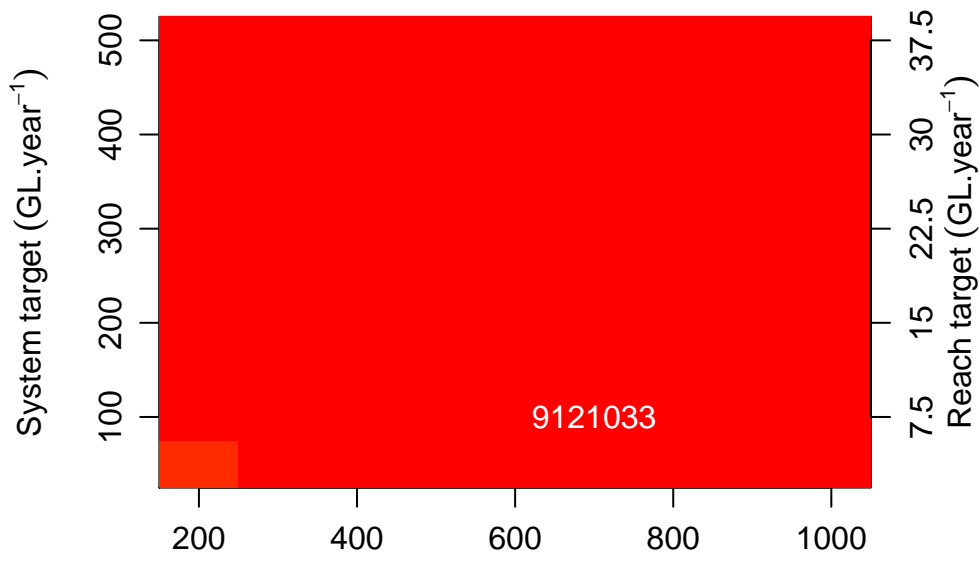
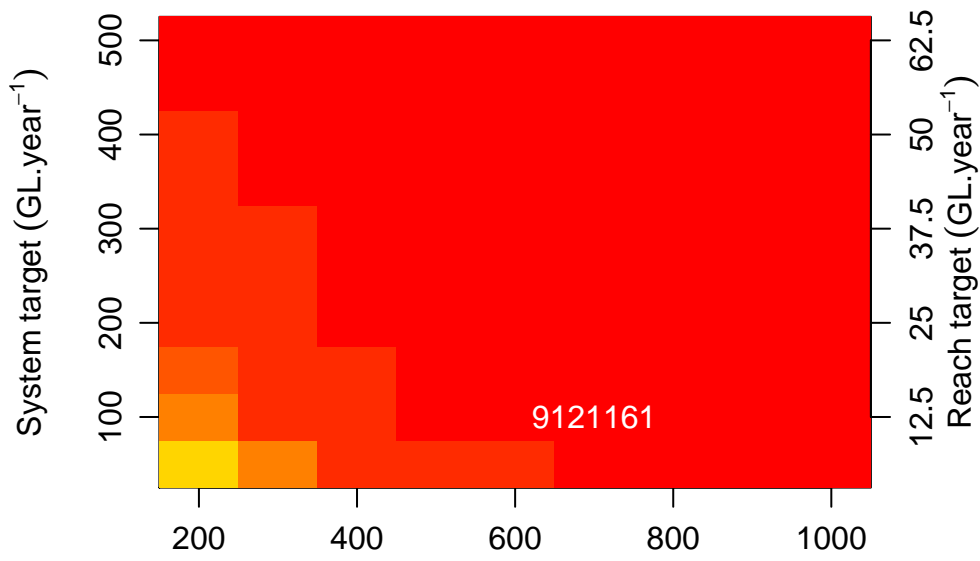




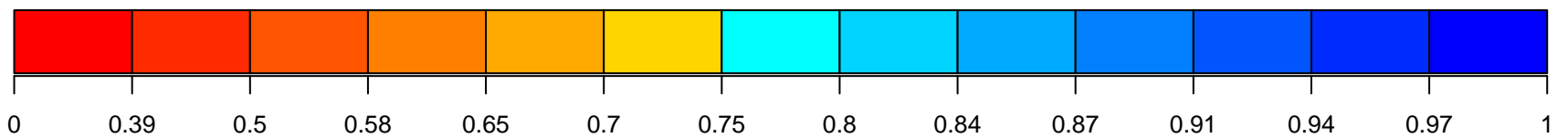
Annual reliability colour scale

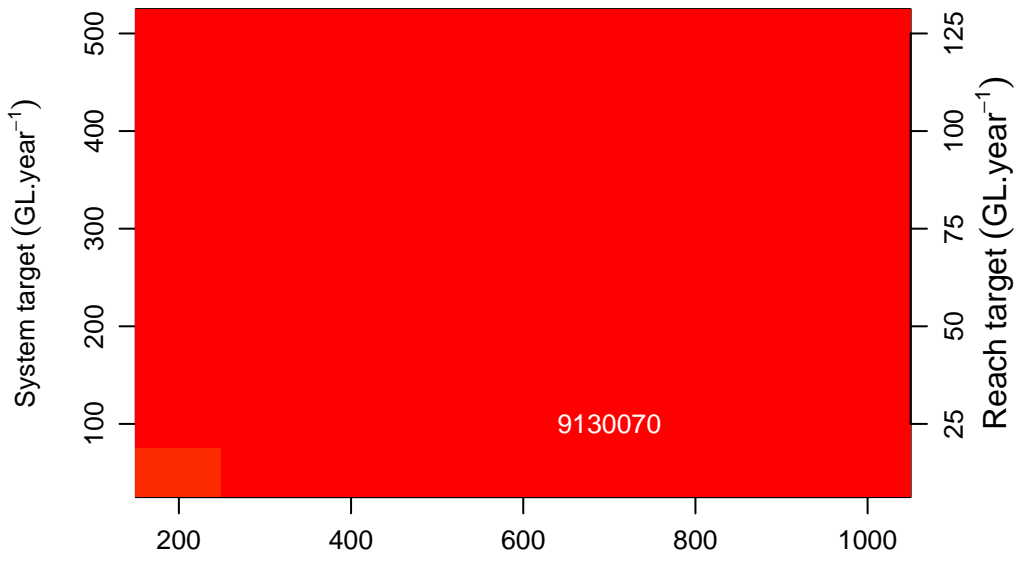
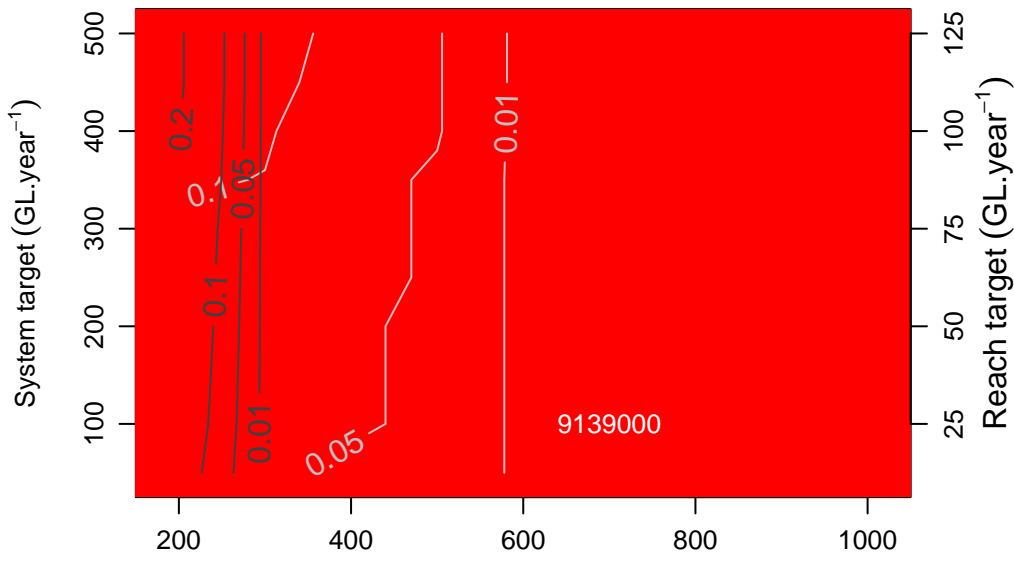


Pump rate : 50 days, EOS : 150

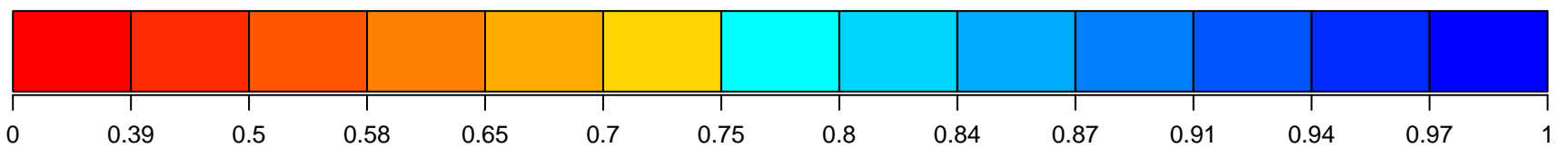


Annual reliability colour scale

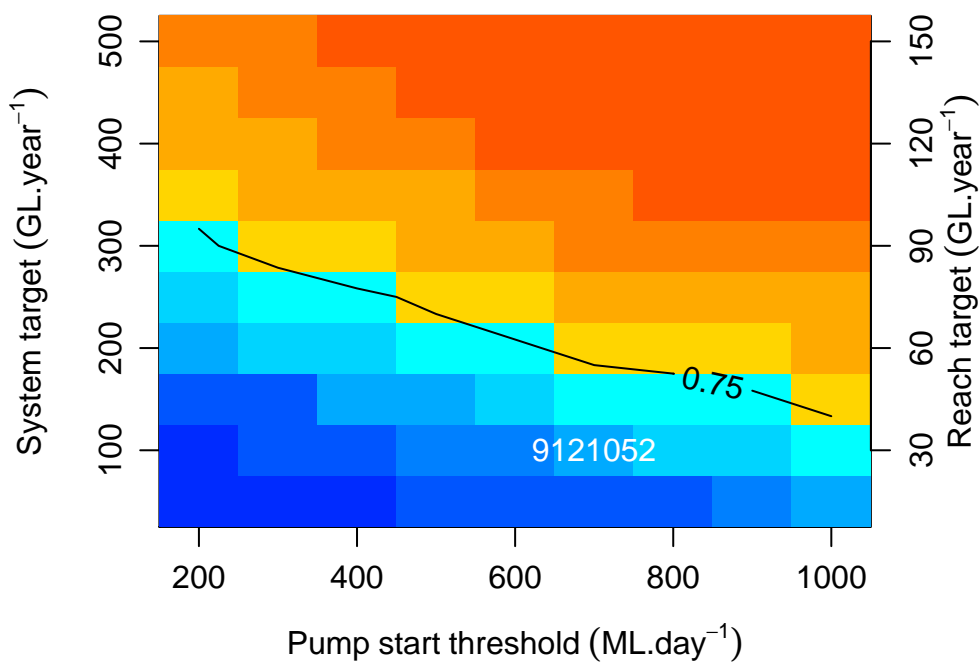
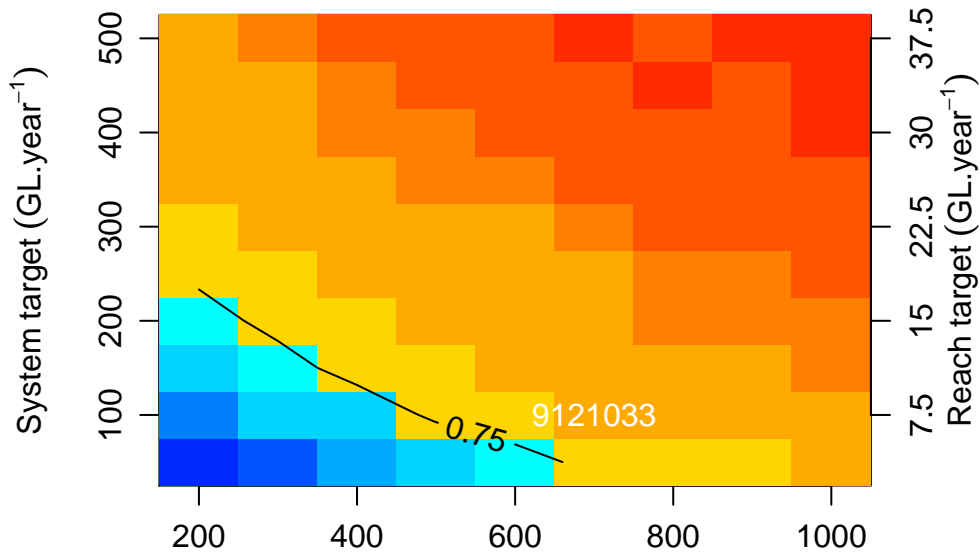
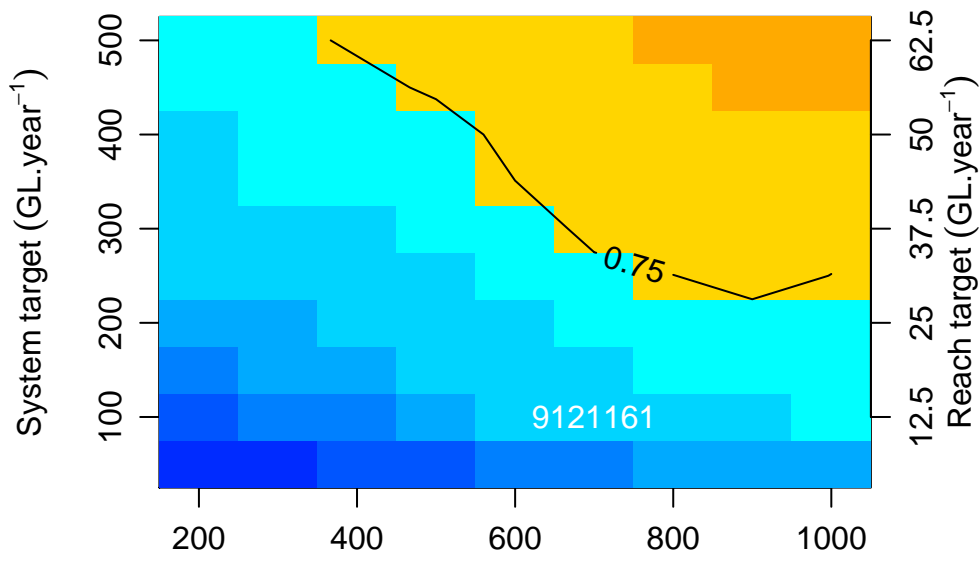




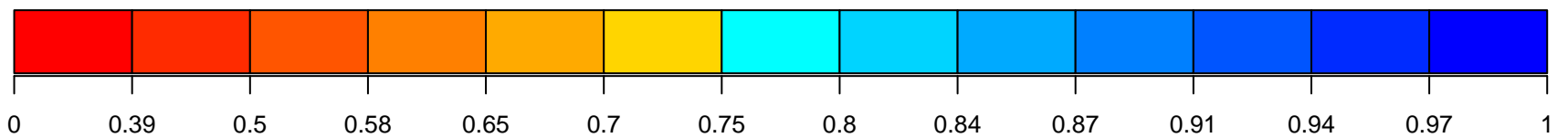
Annual reliability colour scale

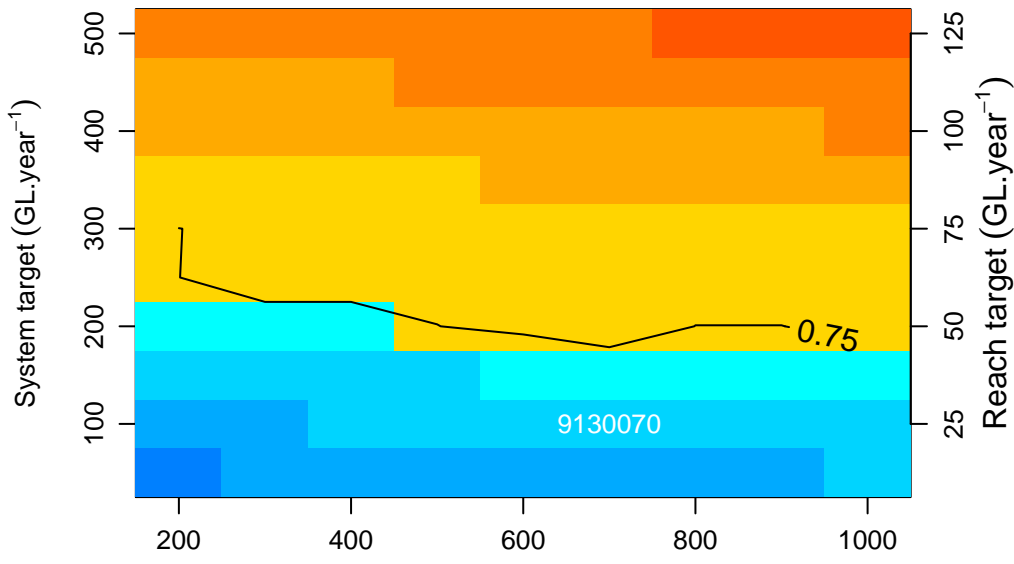
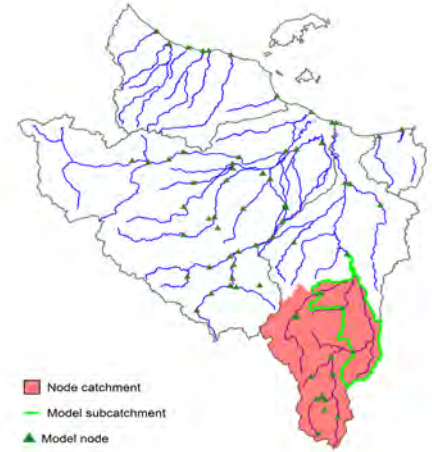
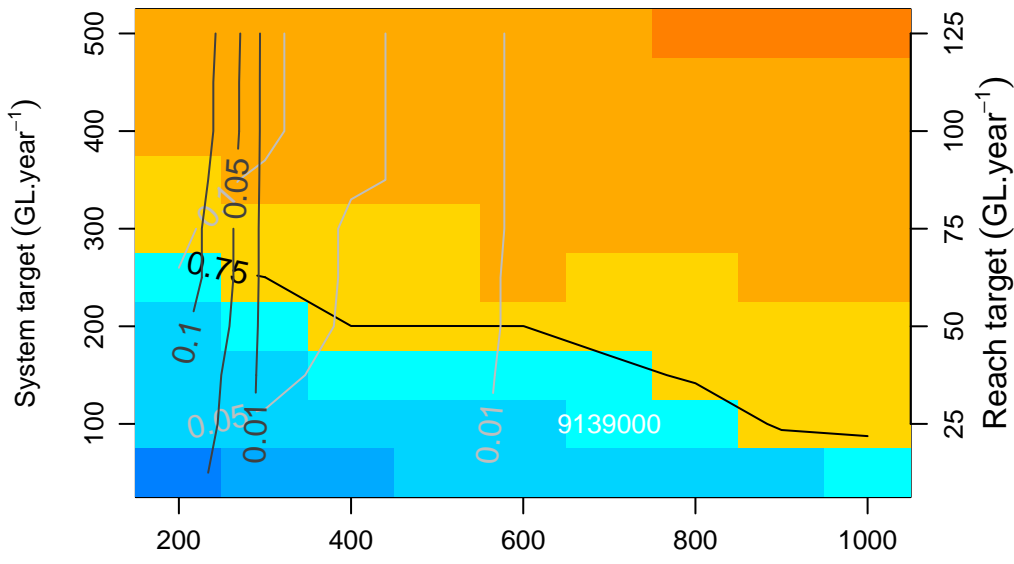


Pump rate : 10 days, EOS : 200

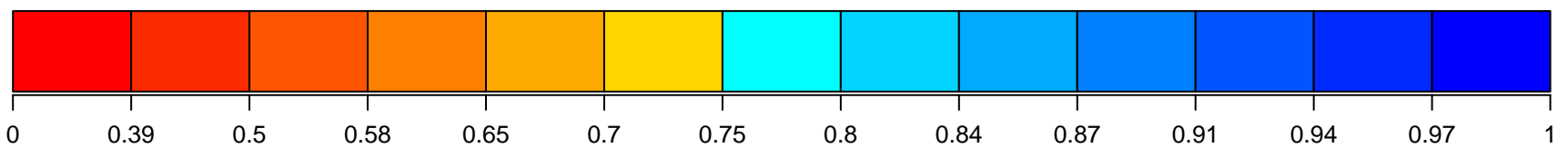


Annual reliability colour scale

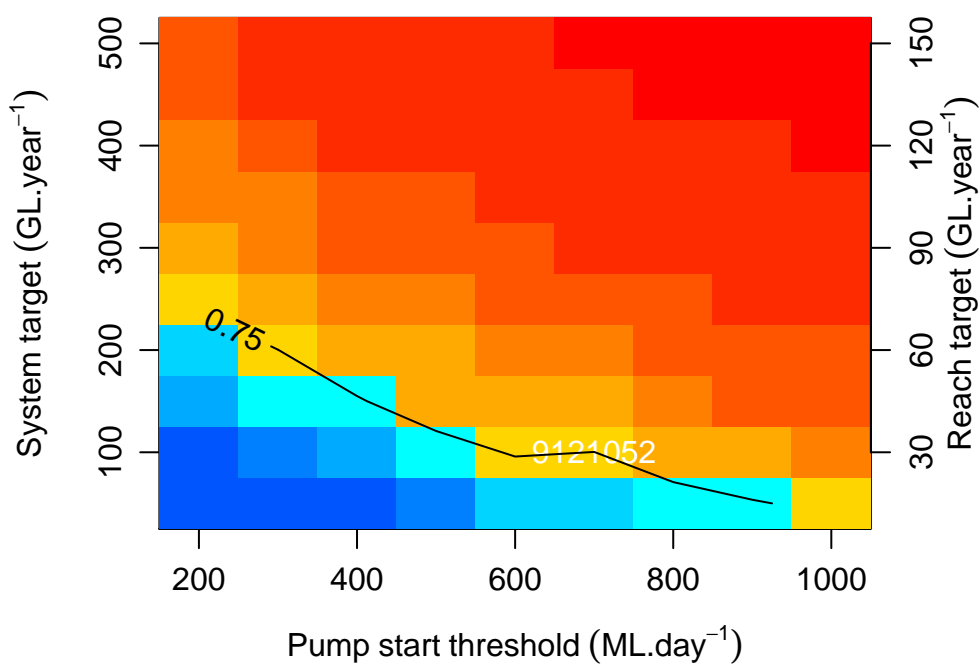
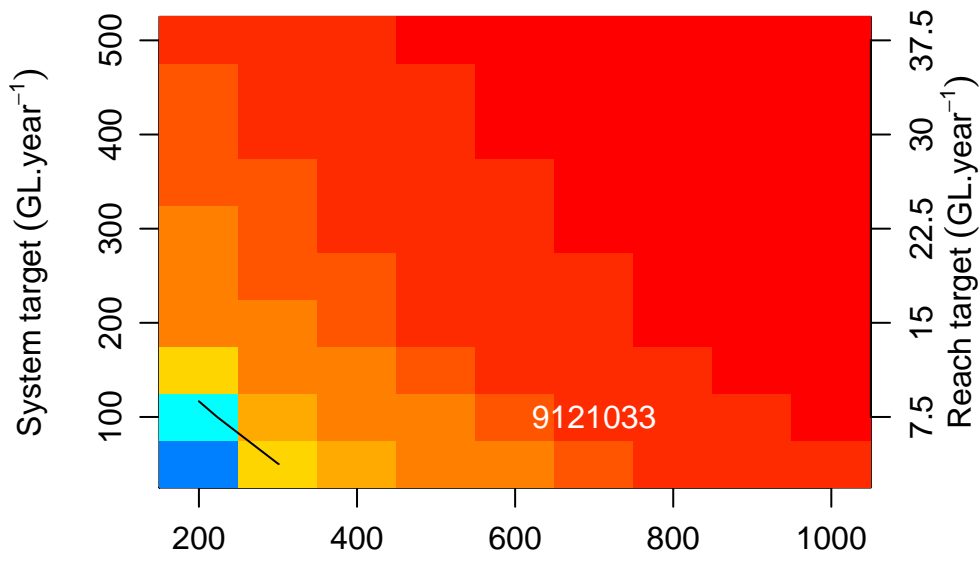
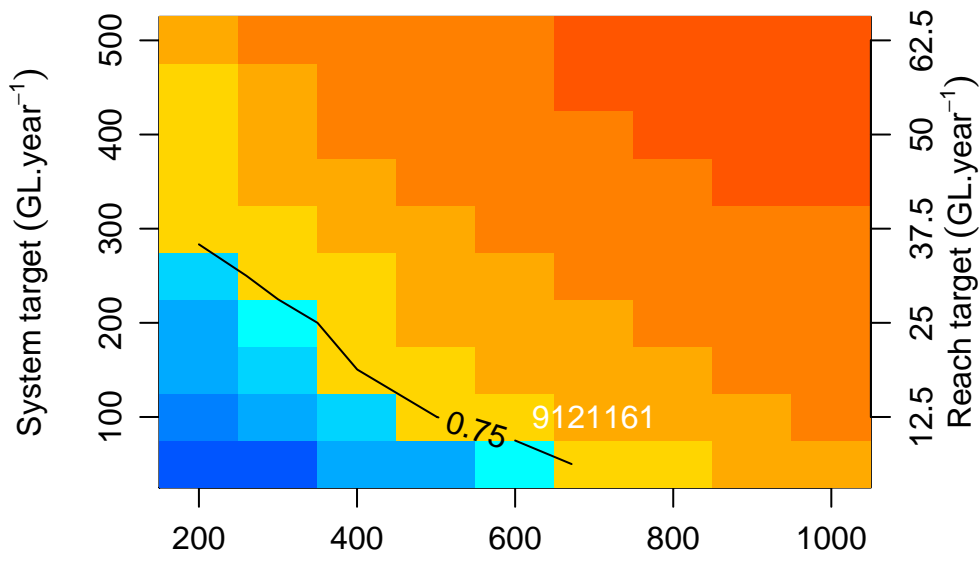




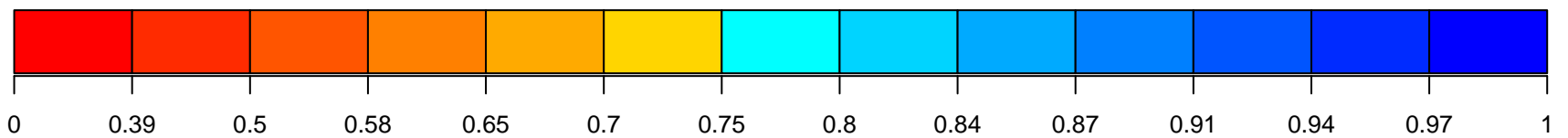
Annual reliability colour scale

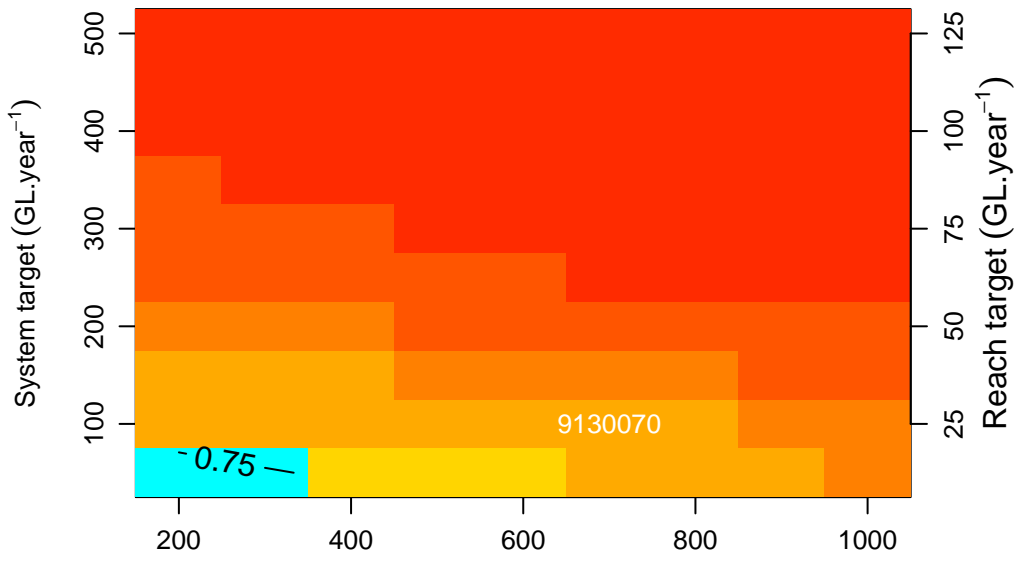
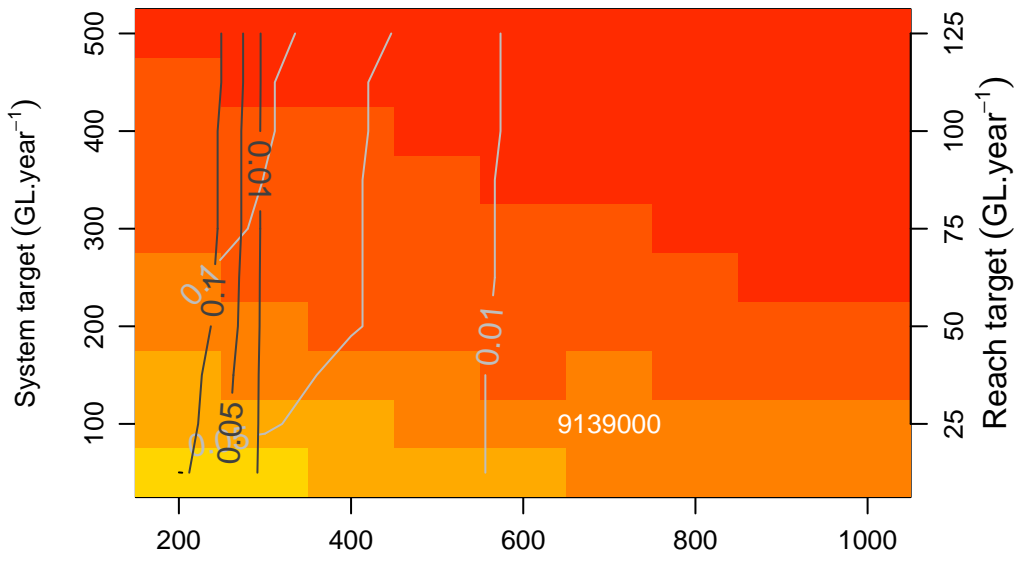


Pump rate : 20 days, EOS : 200

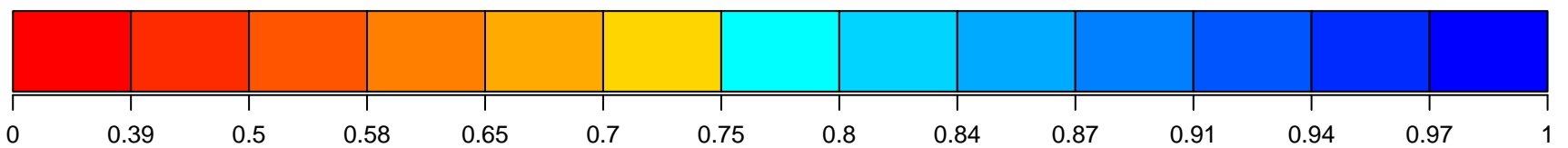


Annual reliability colour scale

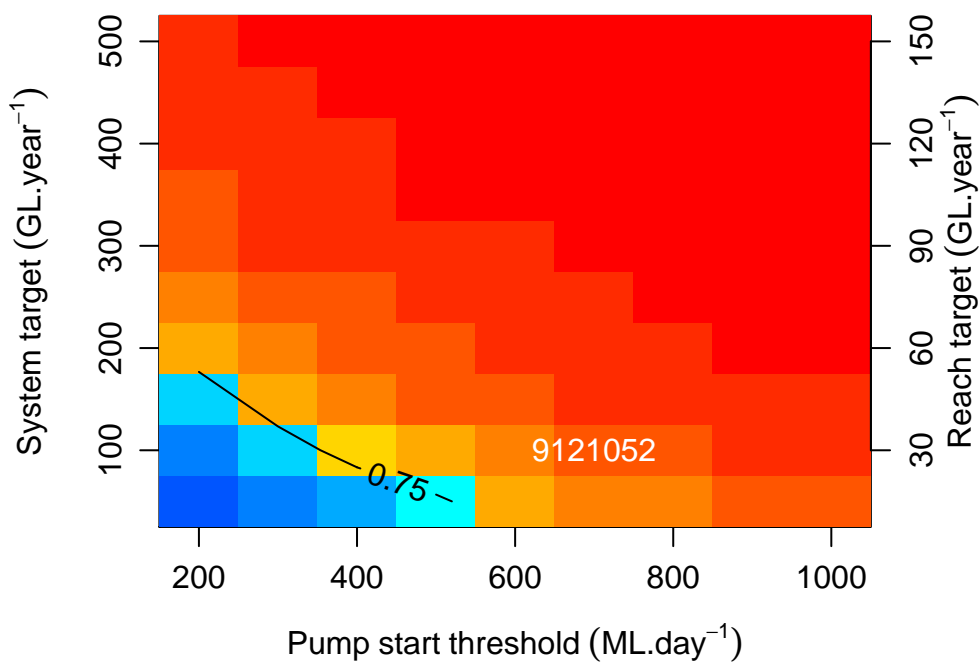
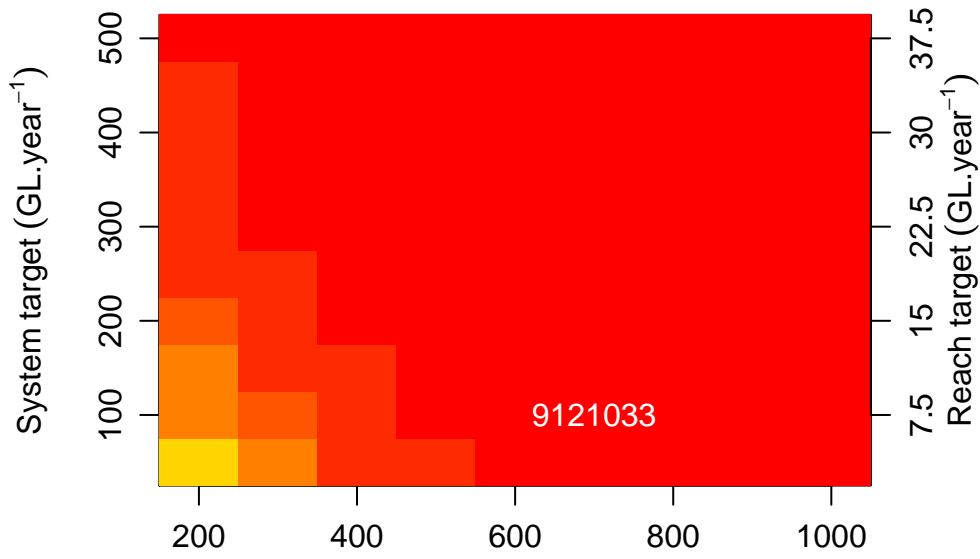
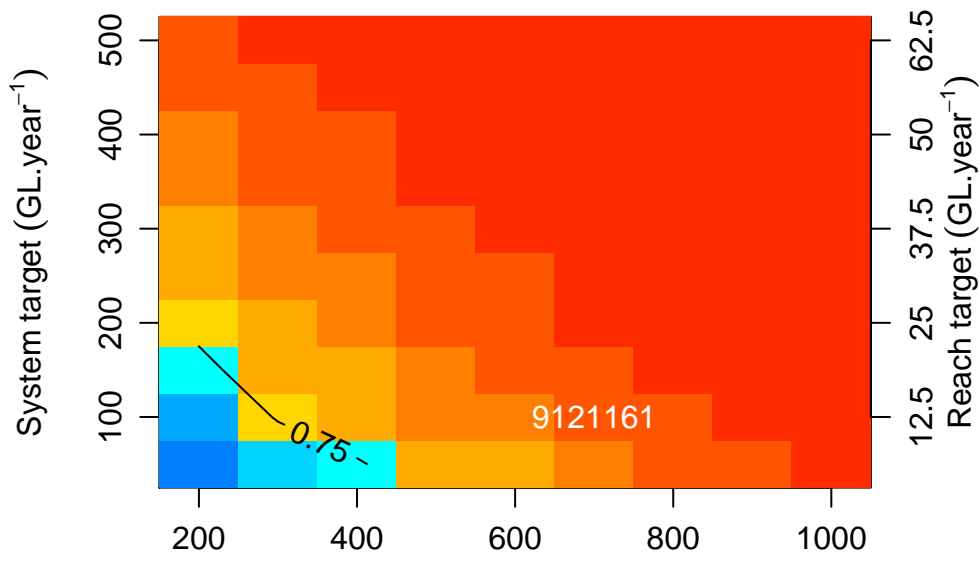




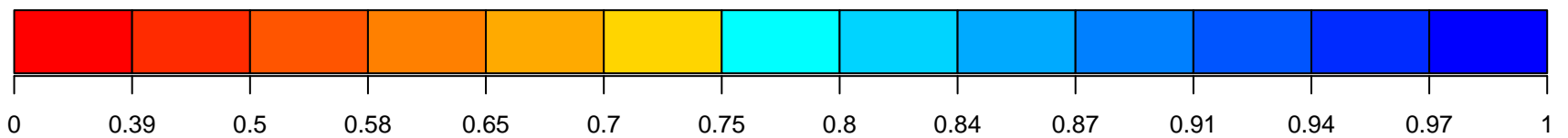
Annual reliability colour scale

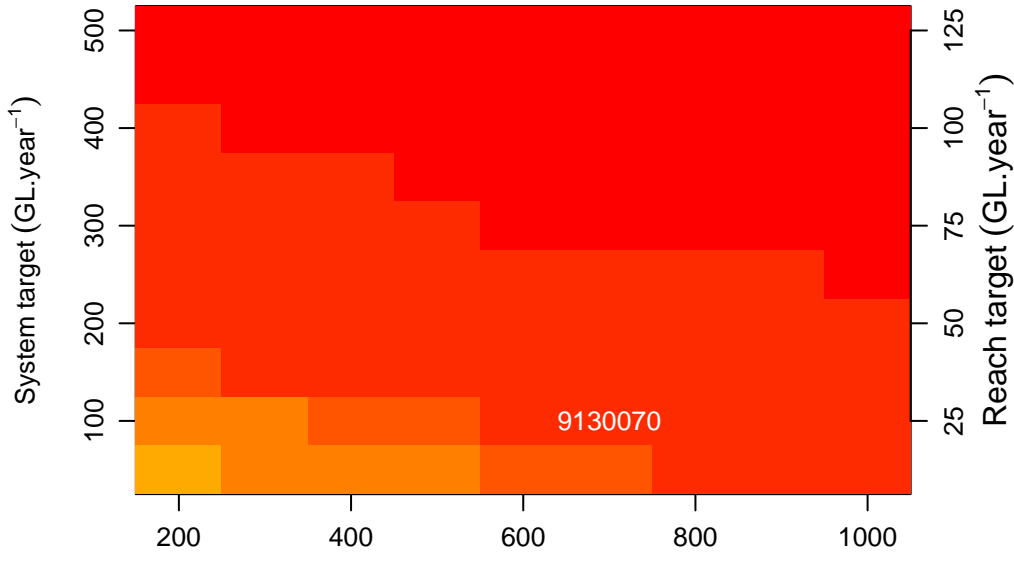
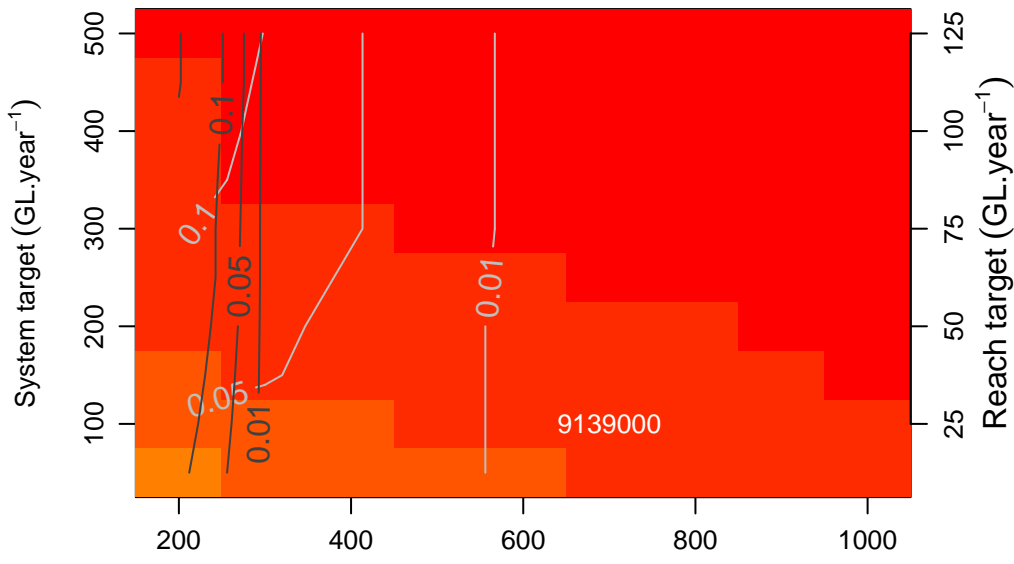


Pump rate : 30 days, EOS : 200

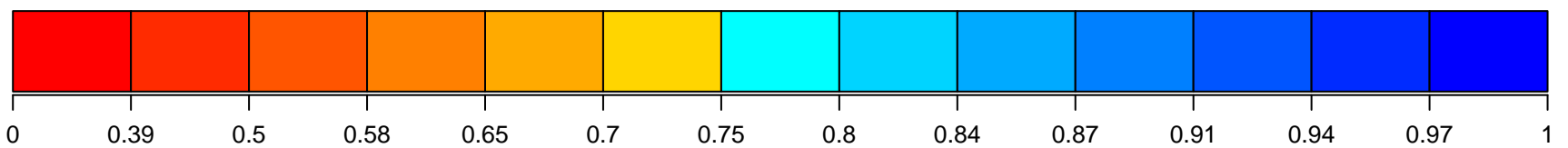


Annual reliability colour scale

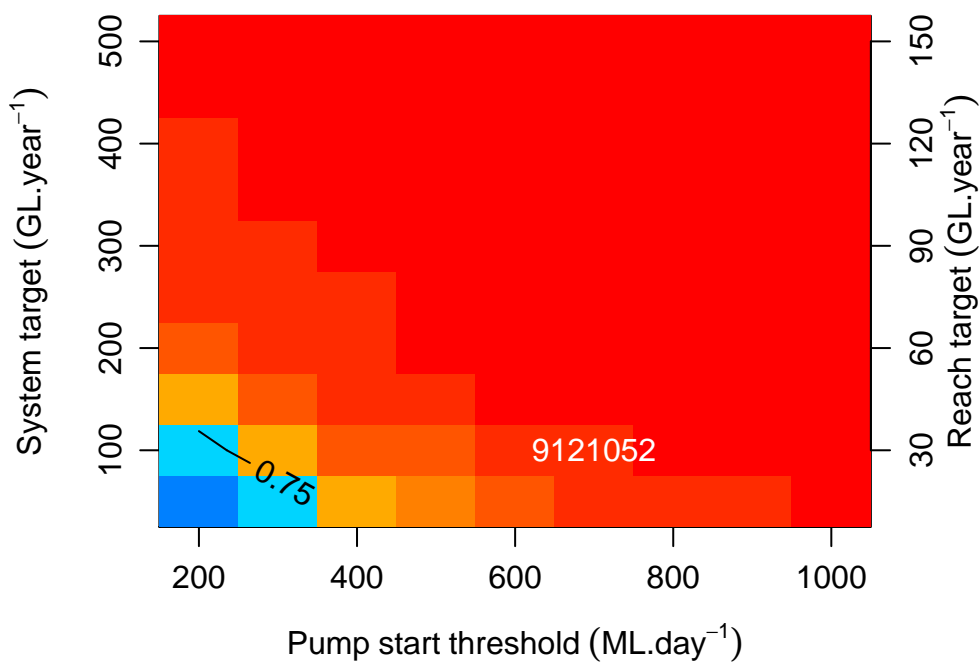
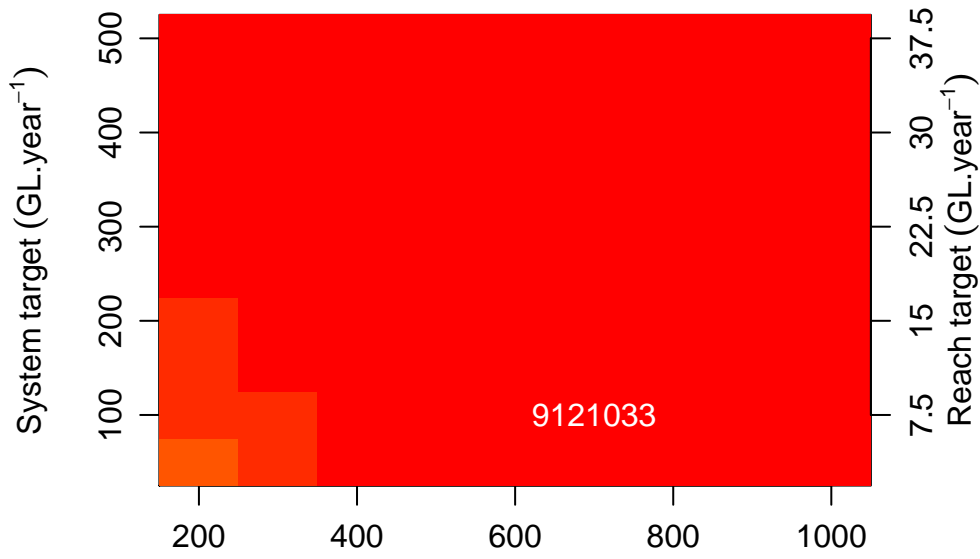
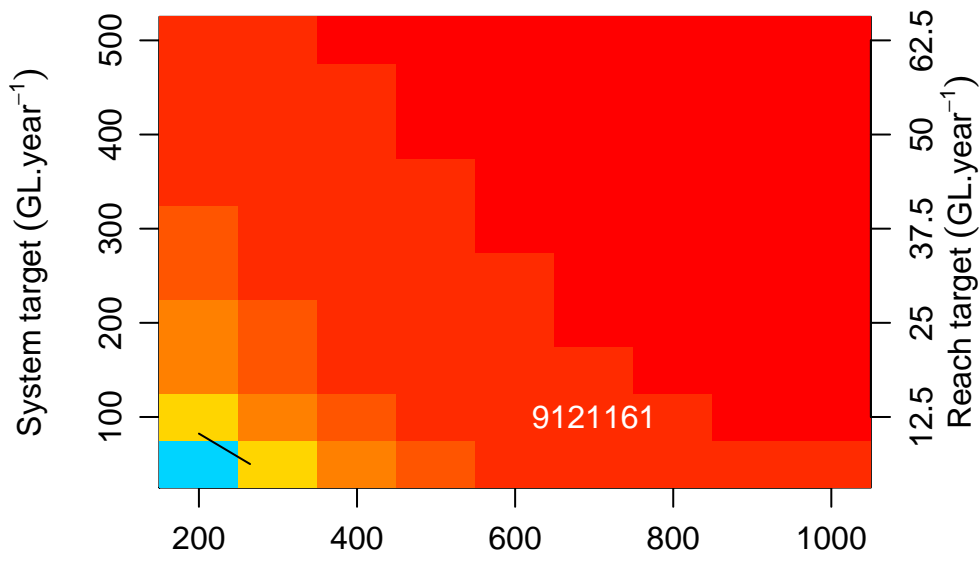




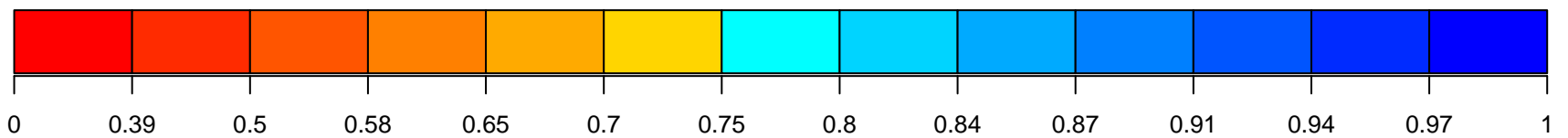
Annual reliability colour scale

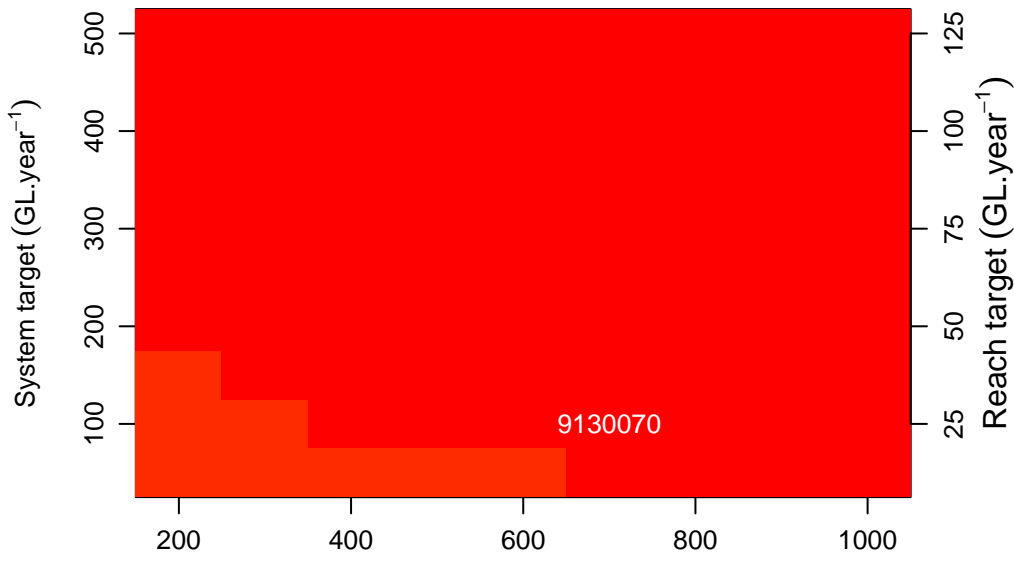
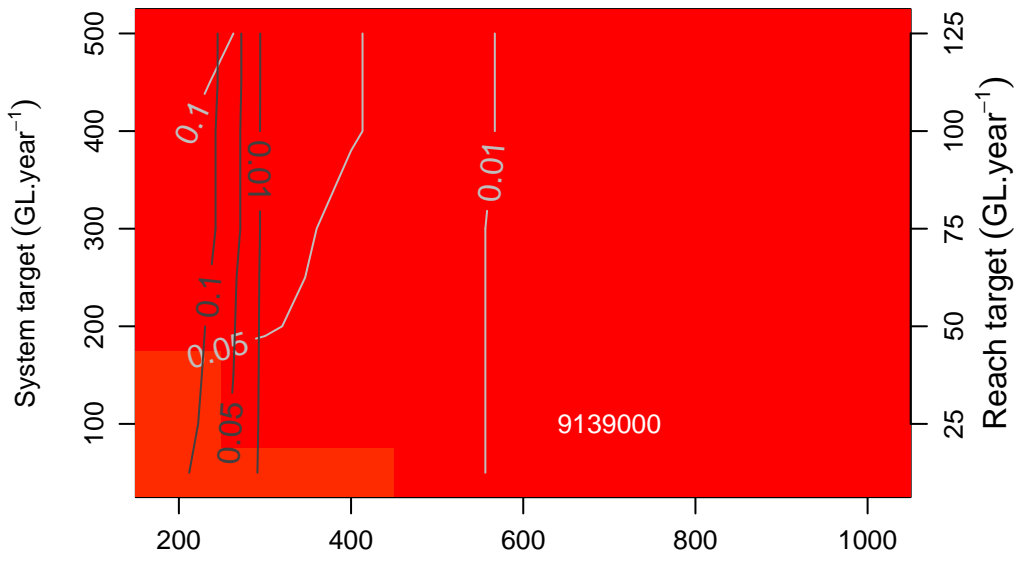


Pump rate : 40 days, EOS : 200

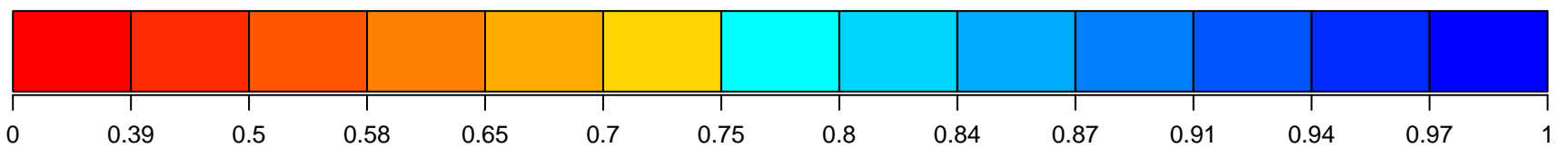


Annual reliability colour scale

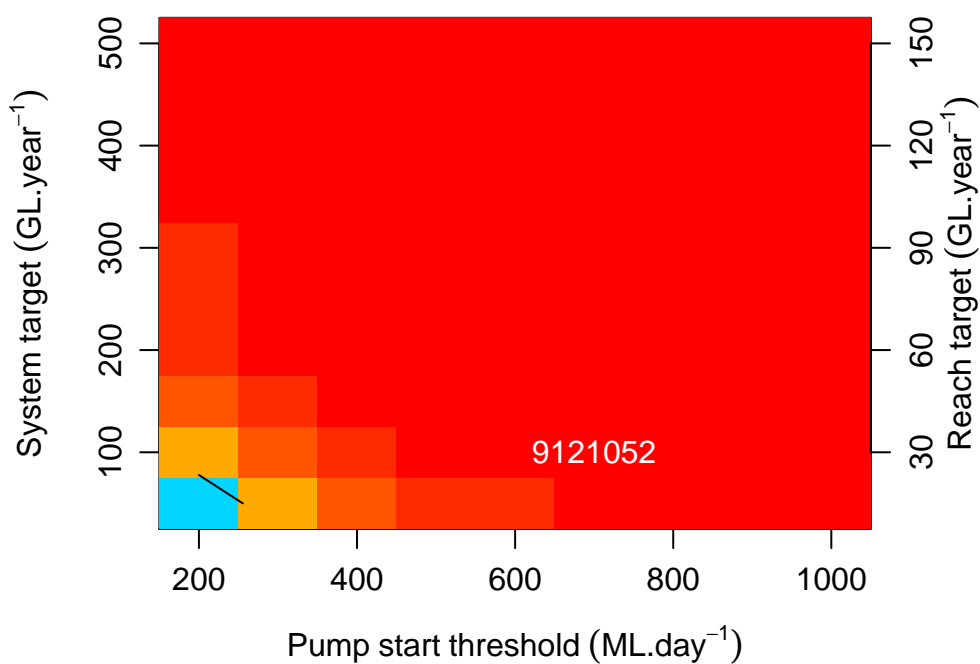
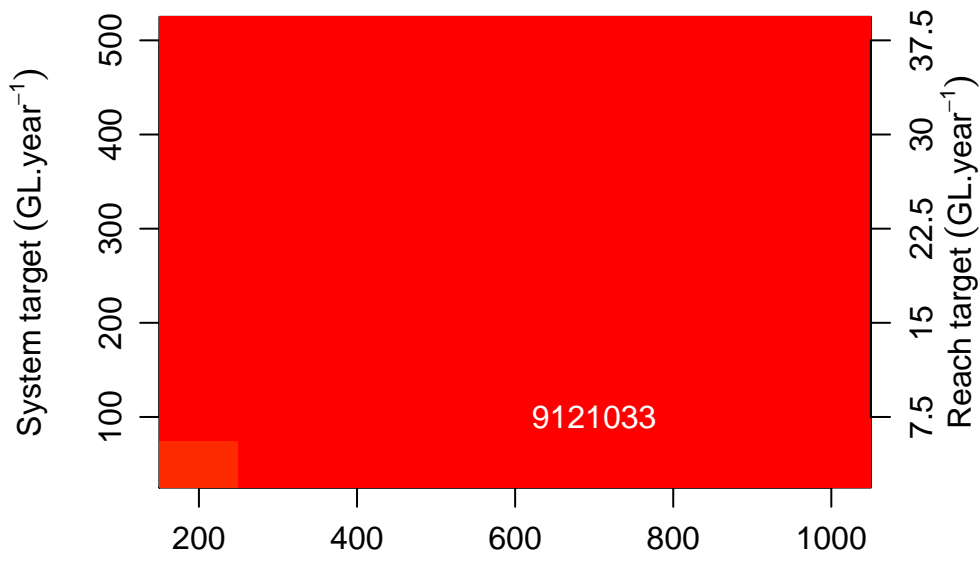
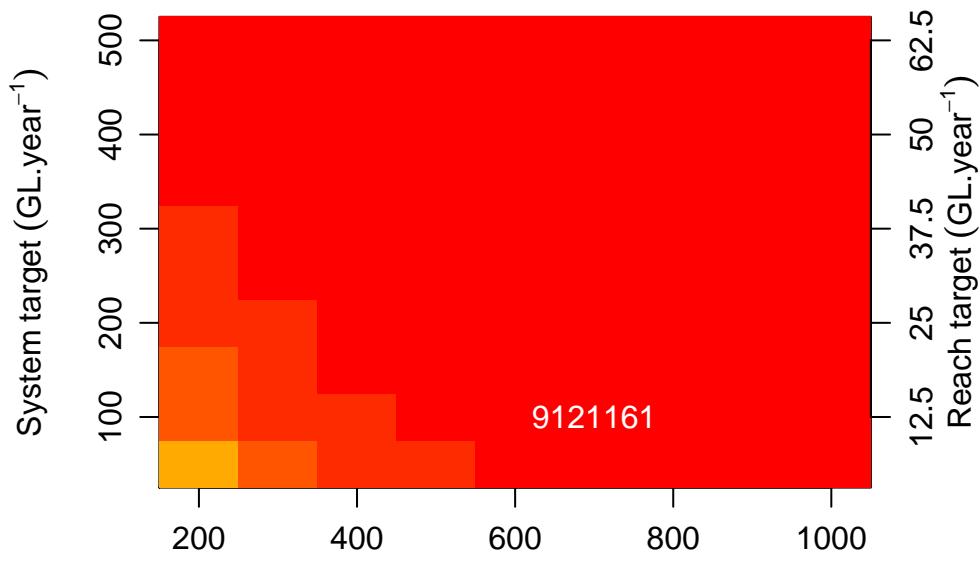




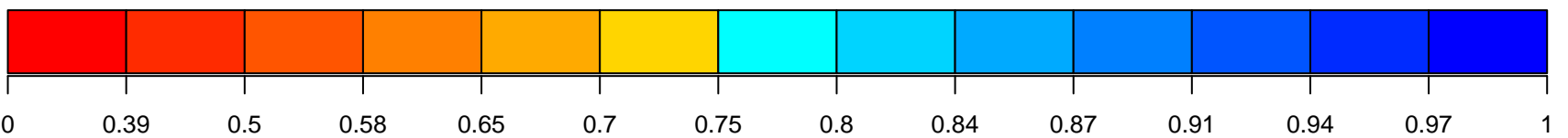
Annual reliability colour scale

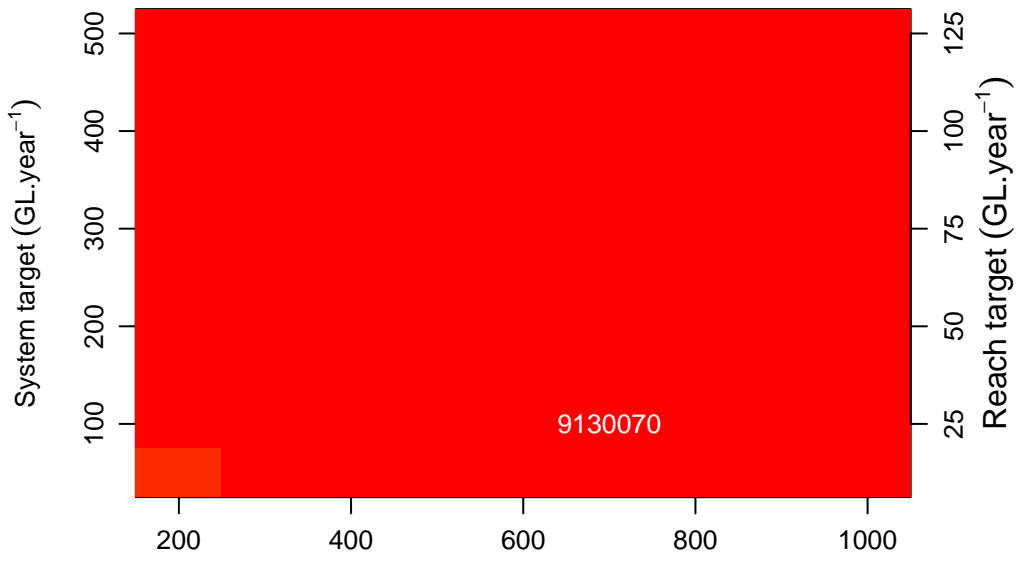
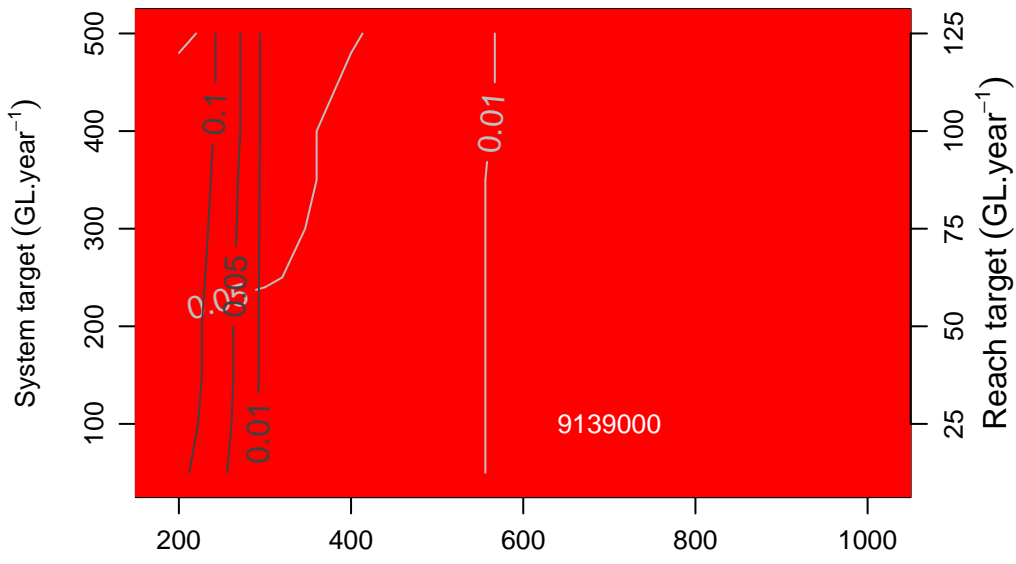


Pump rate : 50 days, EOS : 200

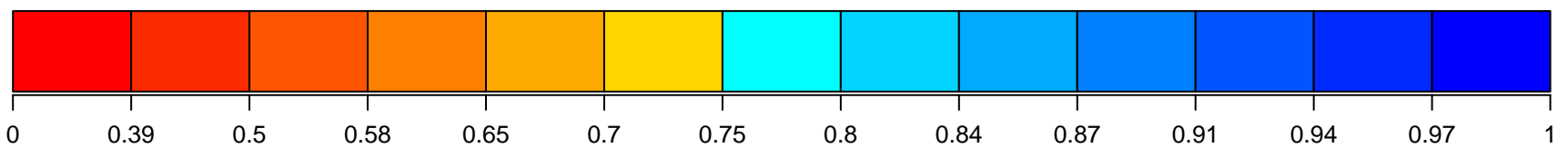


Annual reliability colour scale

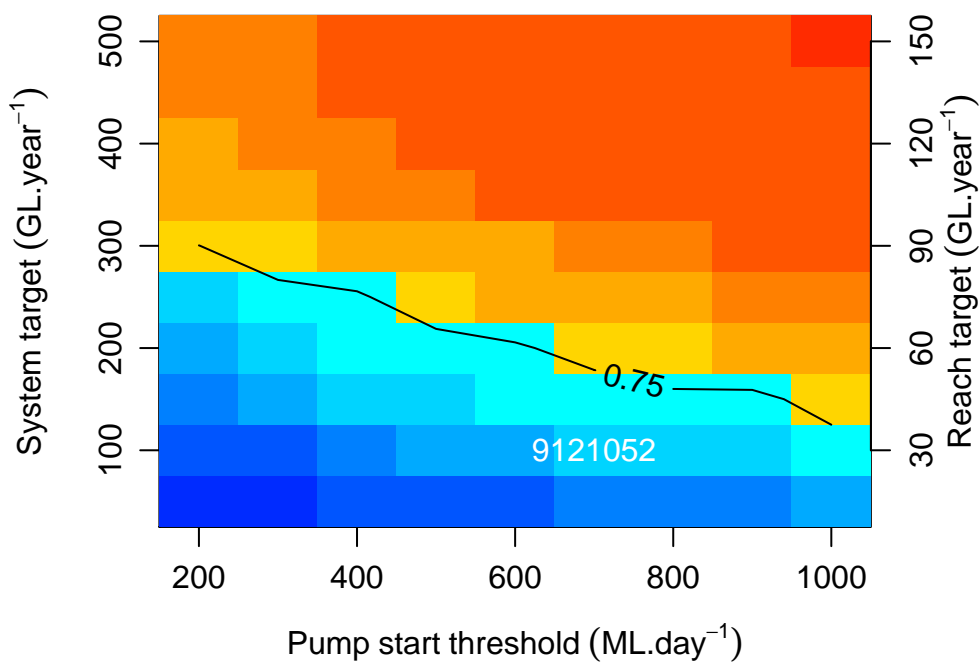
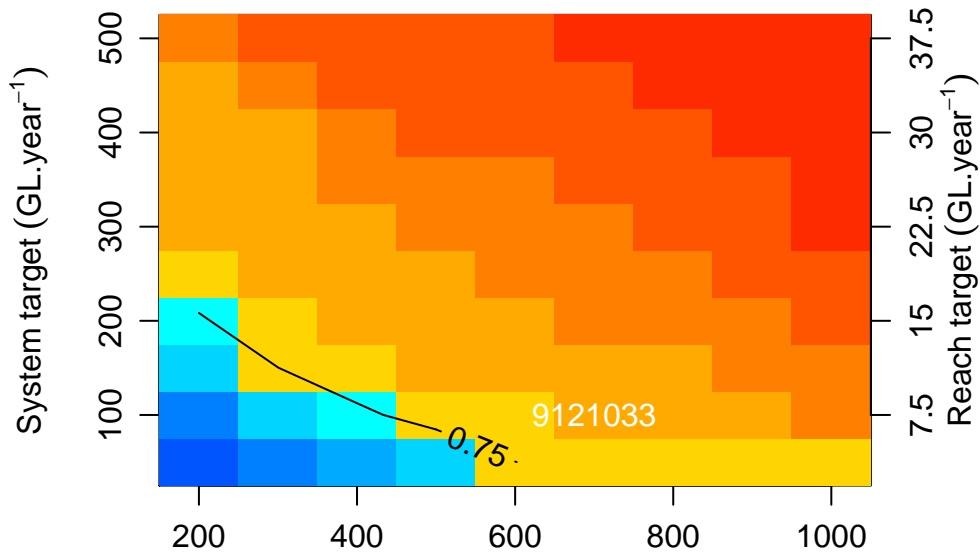
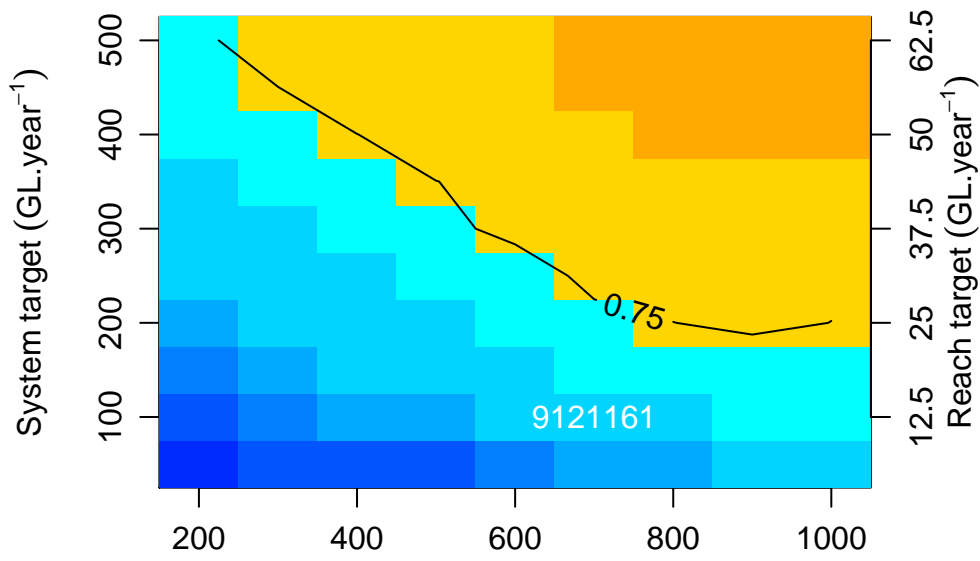




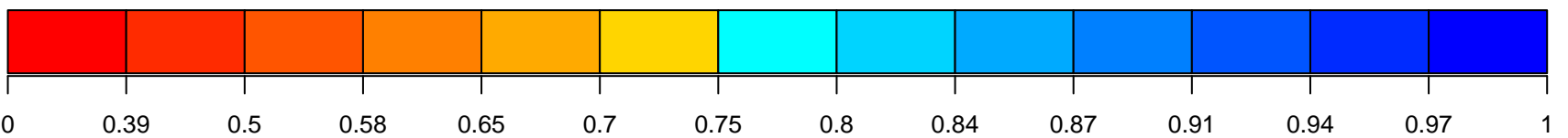
Annual reliability colour scale

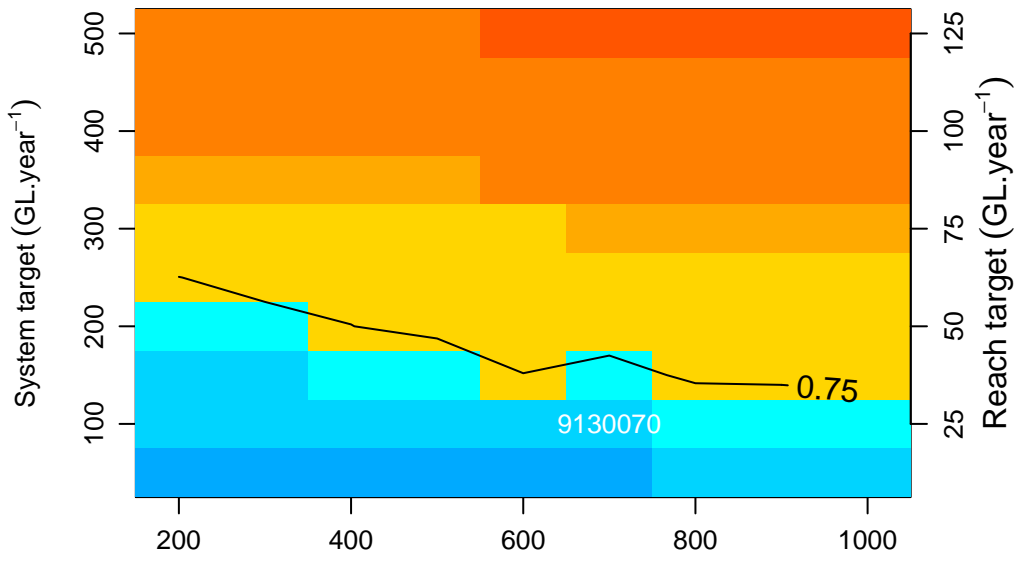
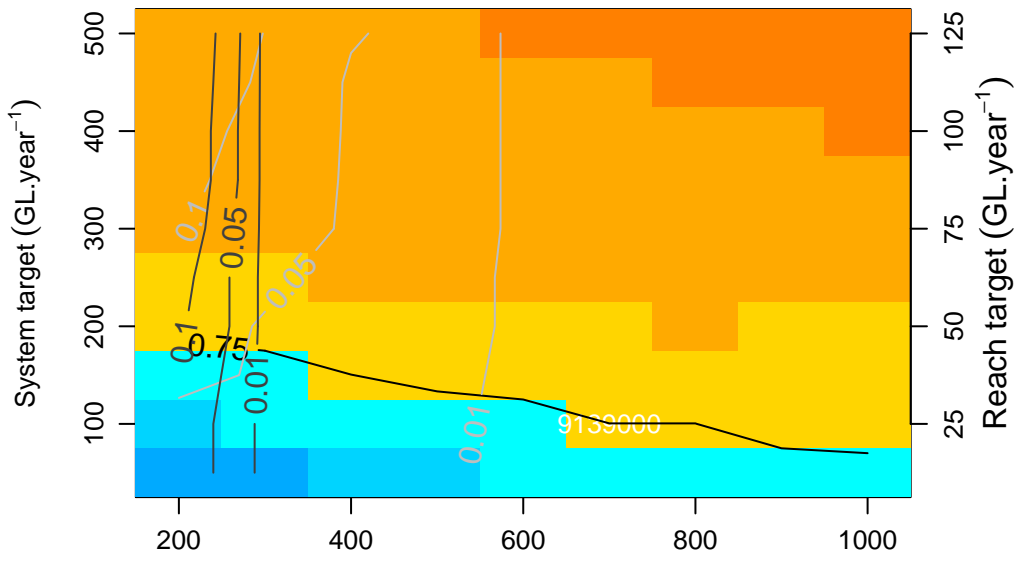


Pump rate : 10 days, EOS : 250

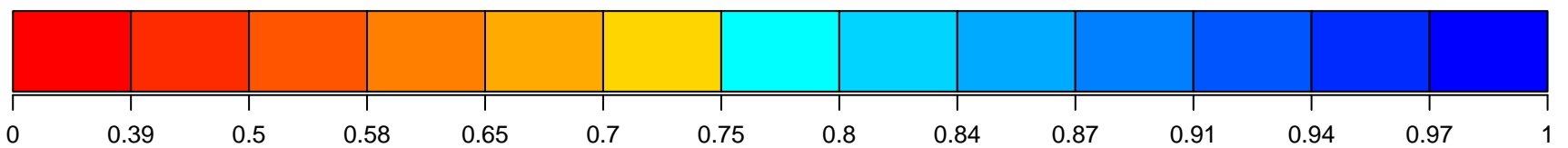


Annual reliability colour scale

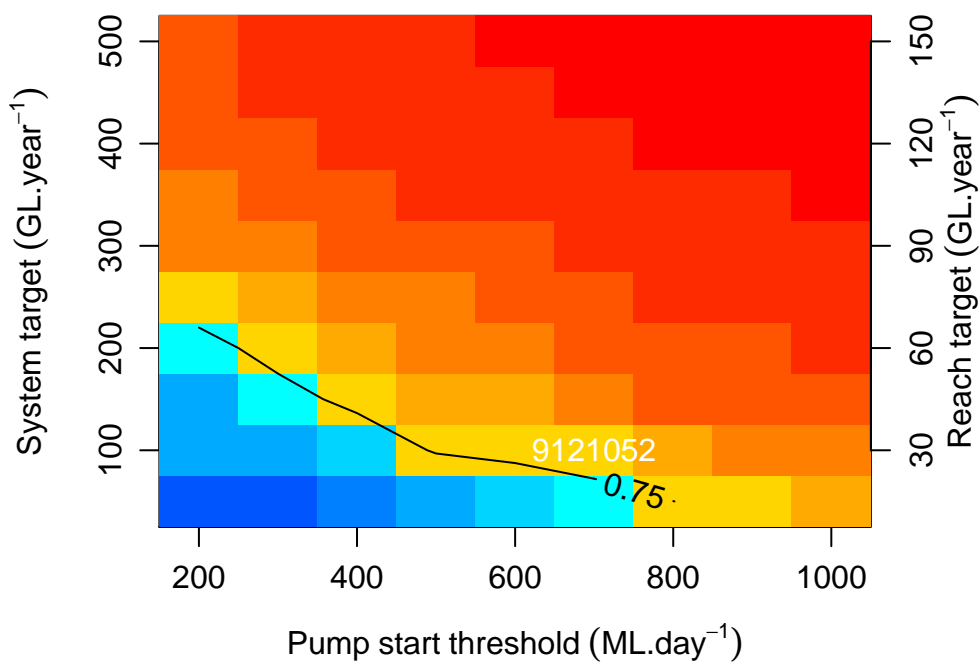
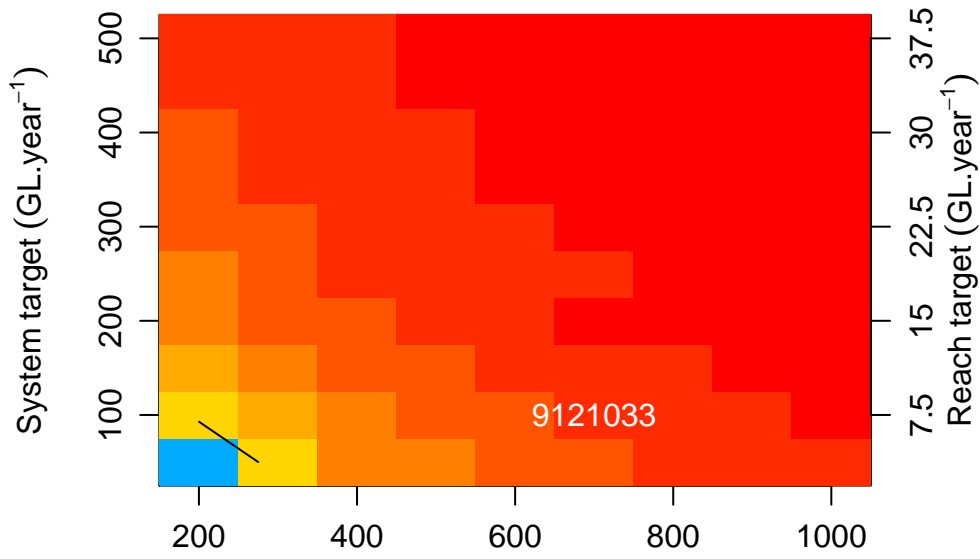
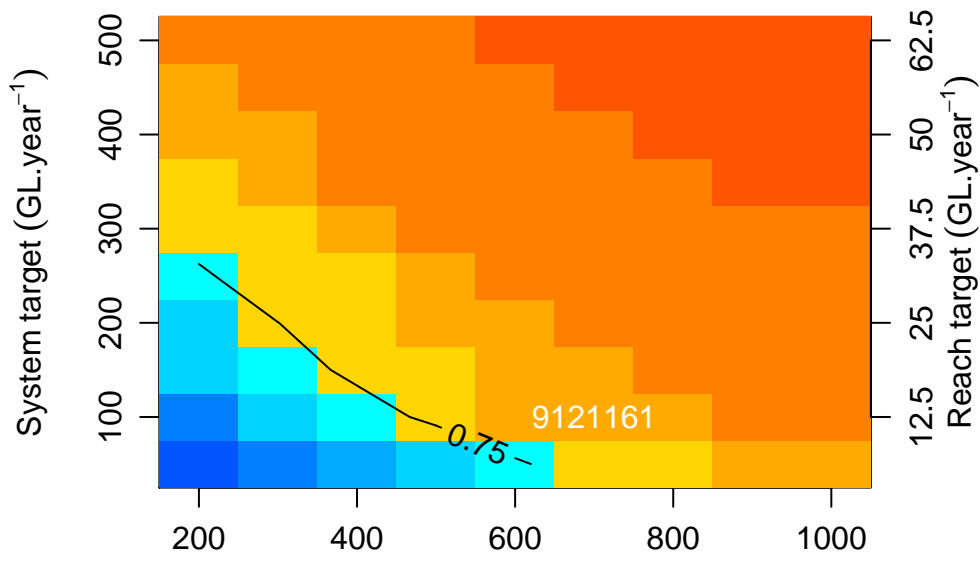




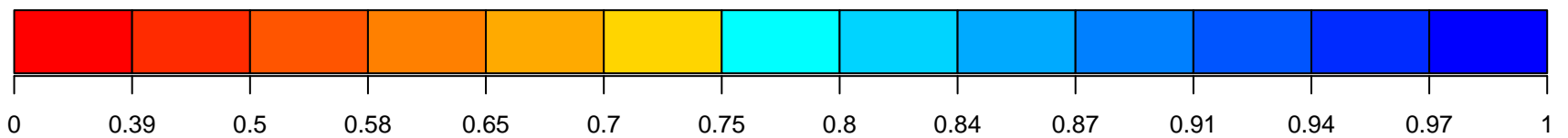
Annual reliability colour scale

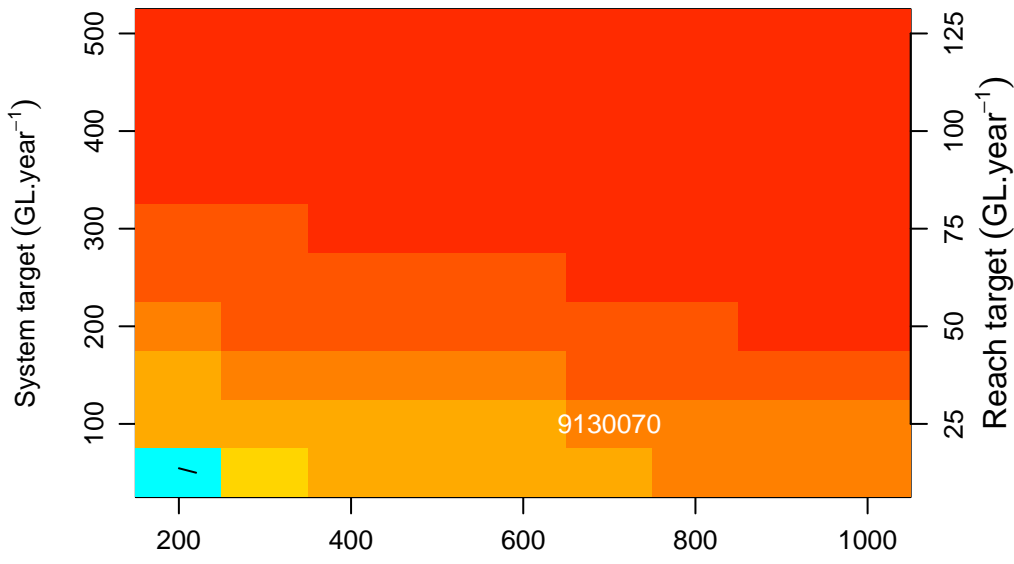
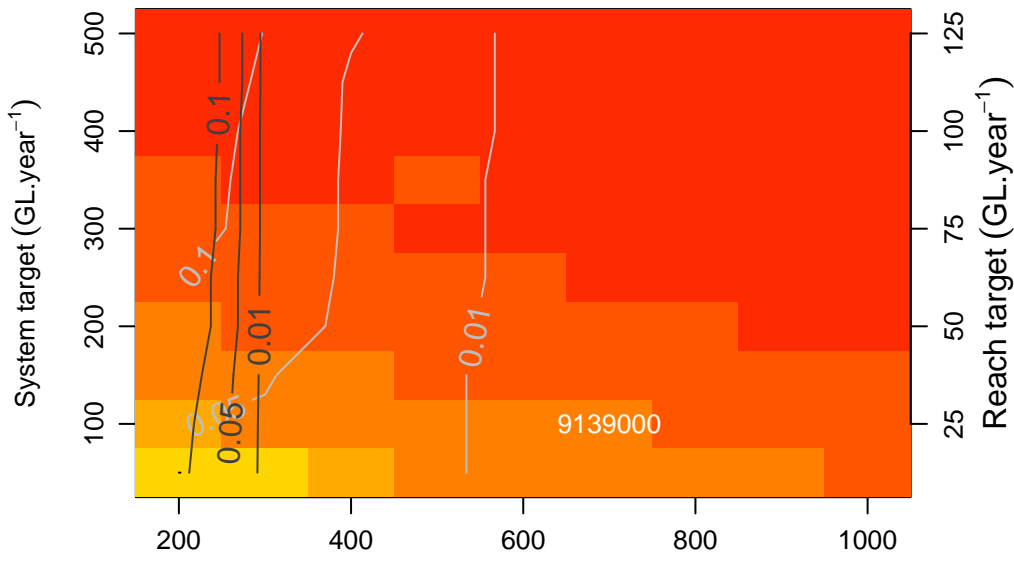


Pump rate : 20 days, EOS : 250

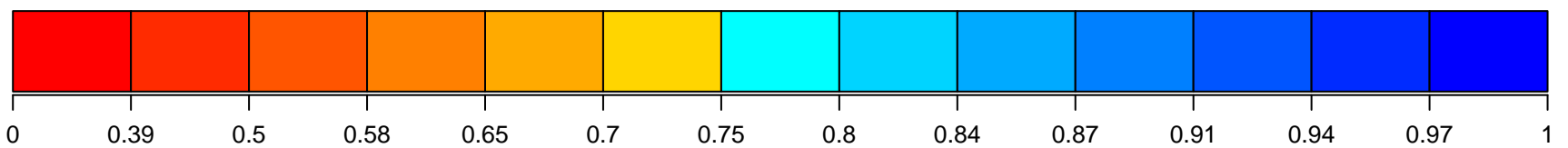


Annual reliability colour scale

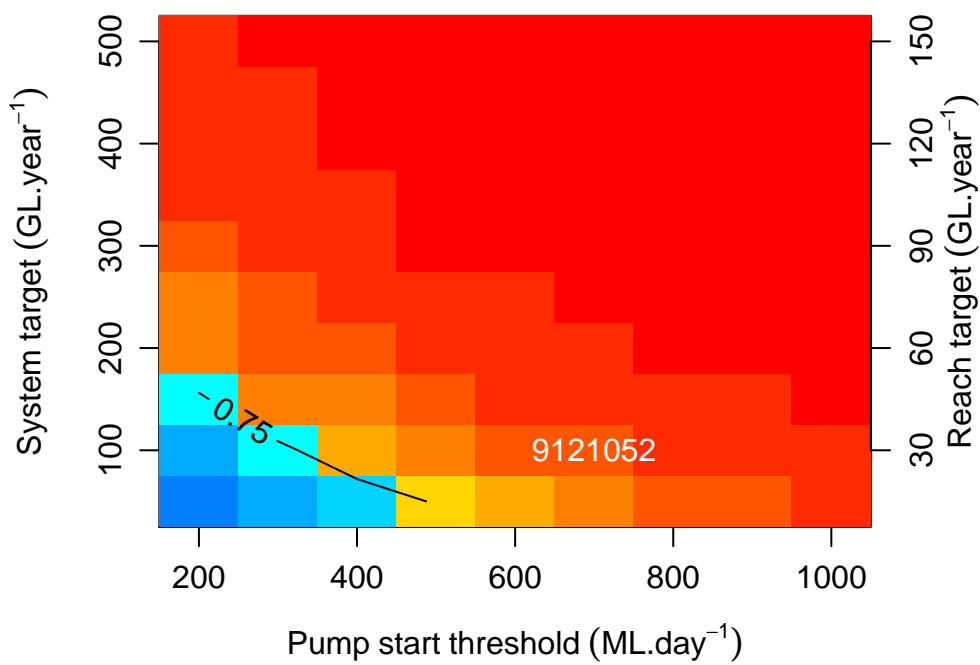
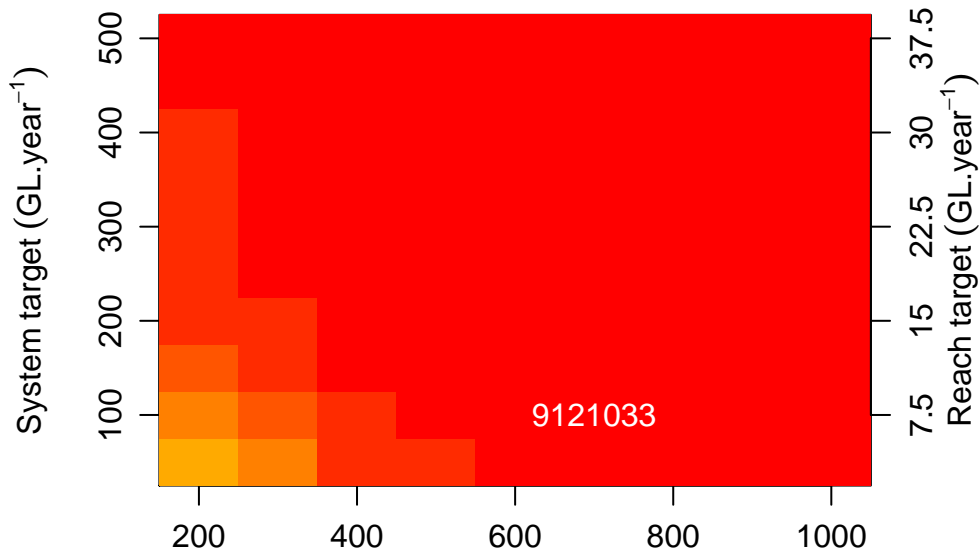
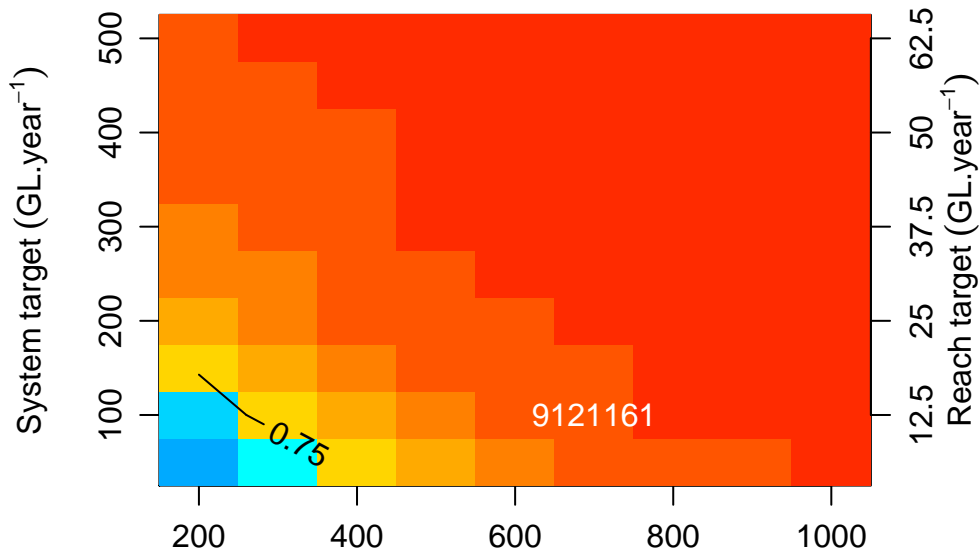




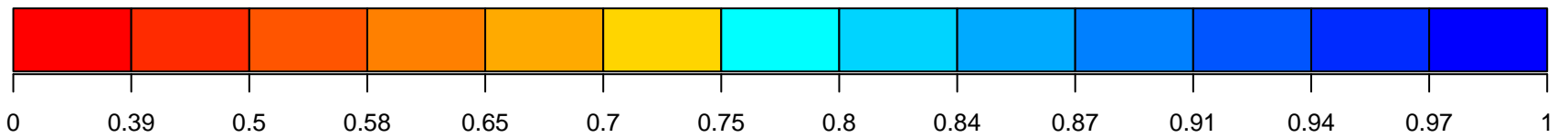
Annual reliability colour scale

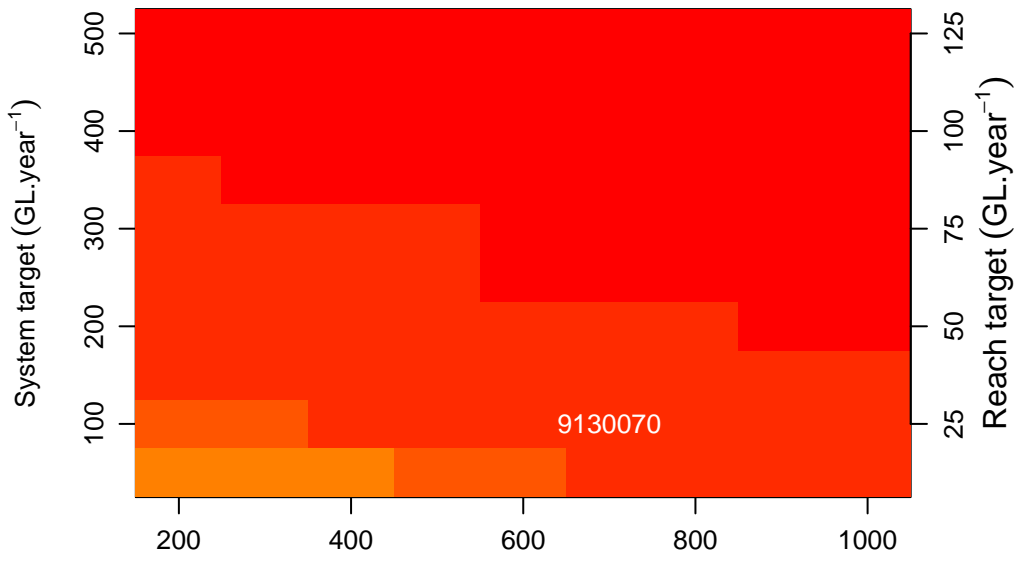
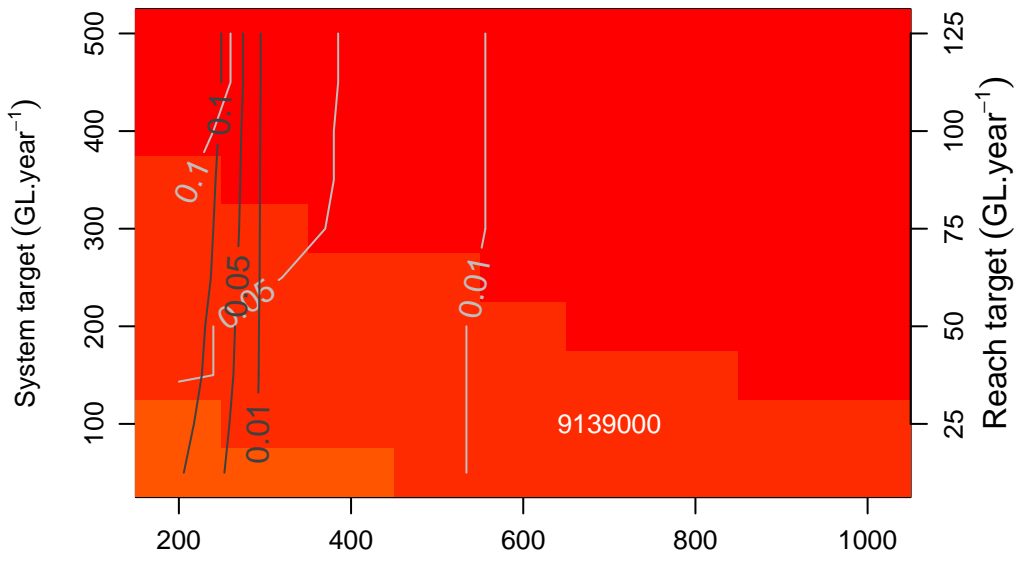


Pump rate : 30 days, EOS : 250

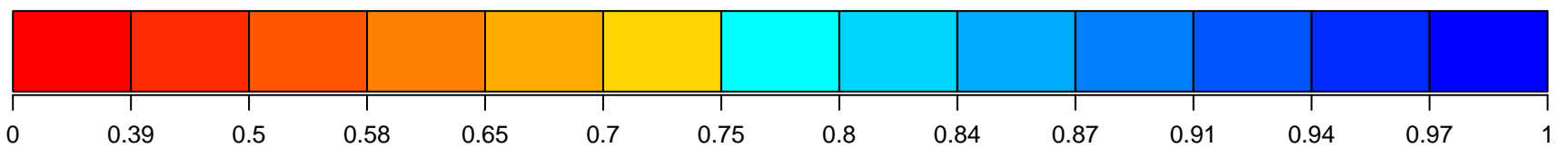


Annual reliability colour scale

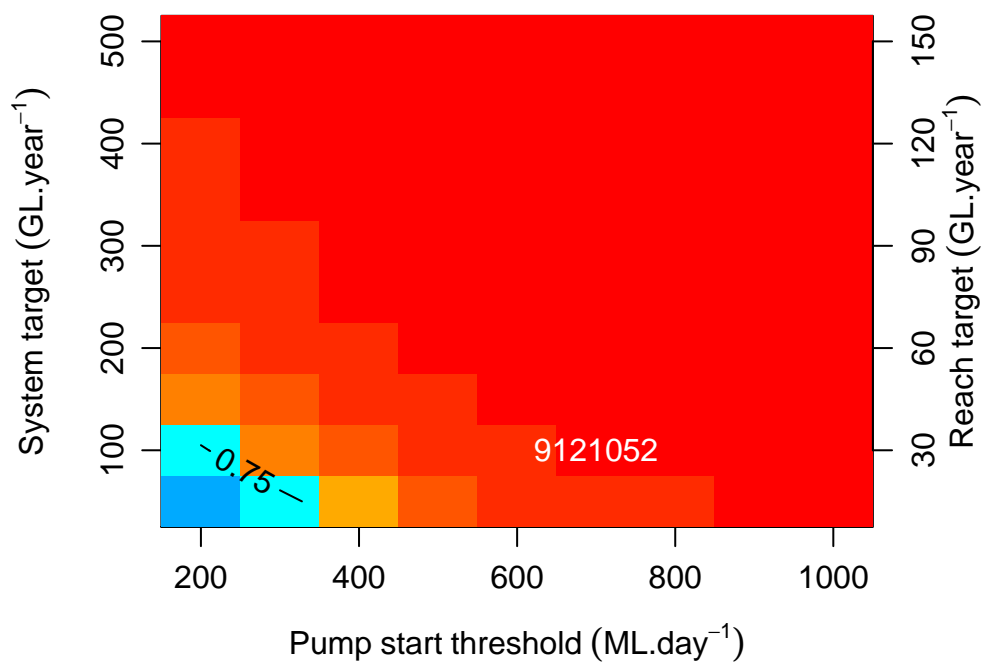
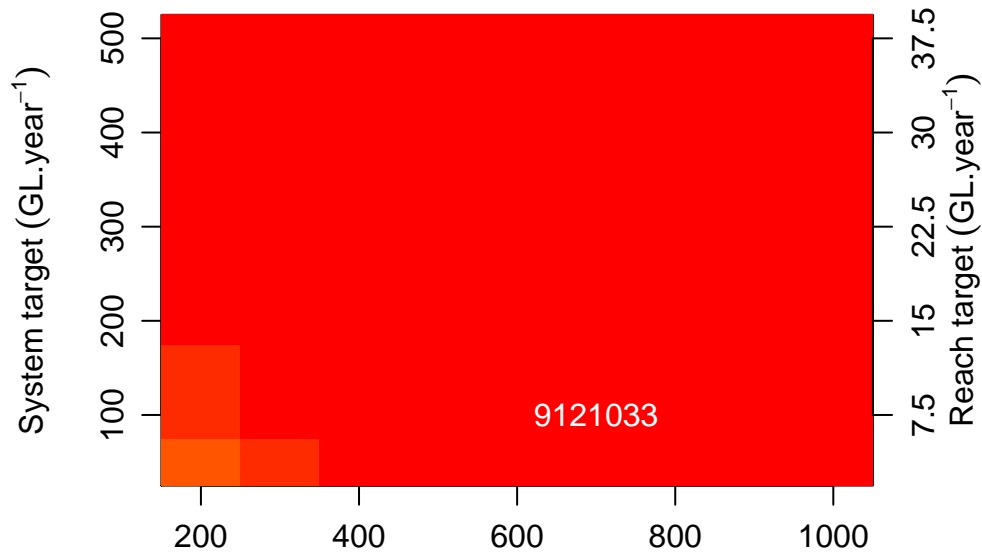
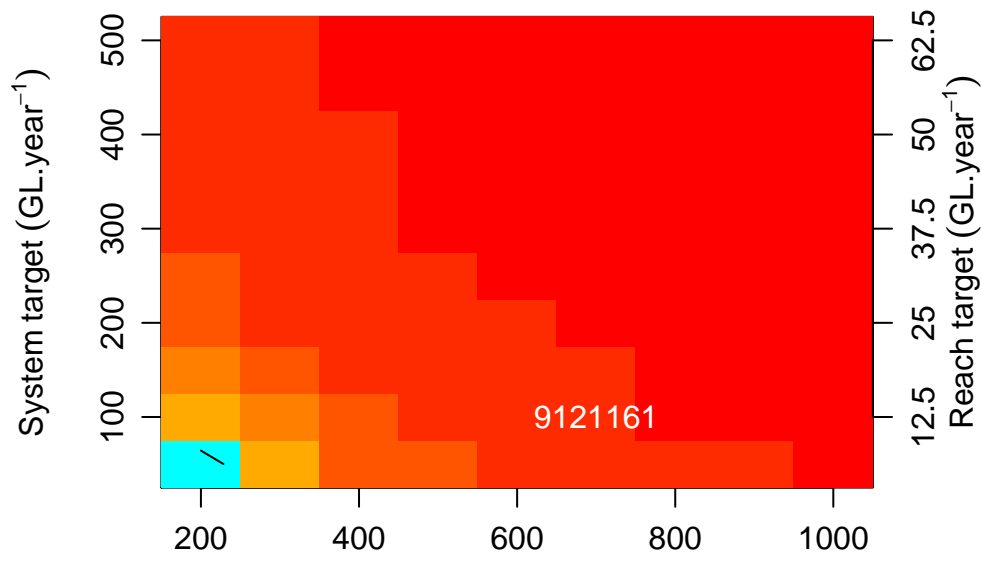




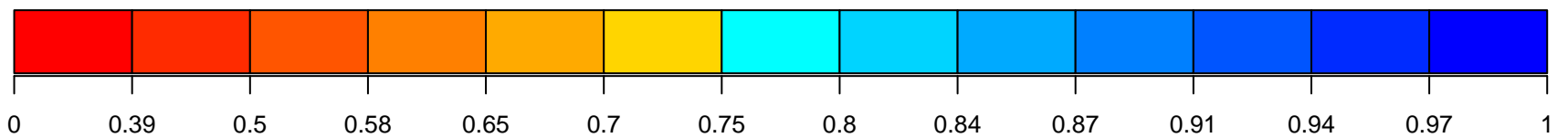
Annual reliability colour scale

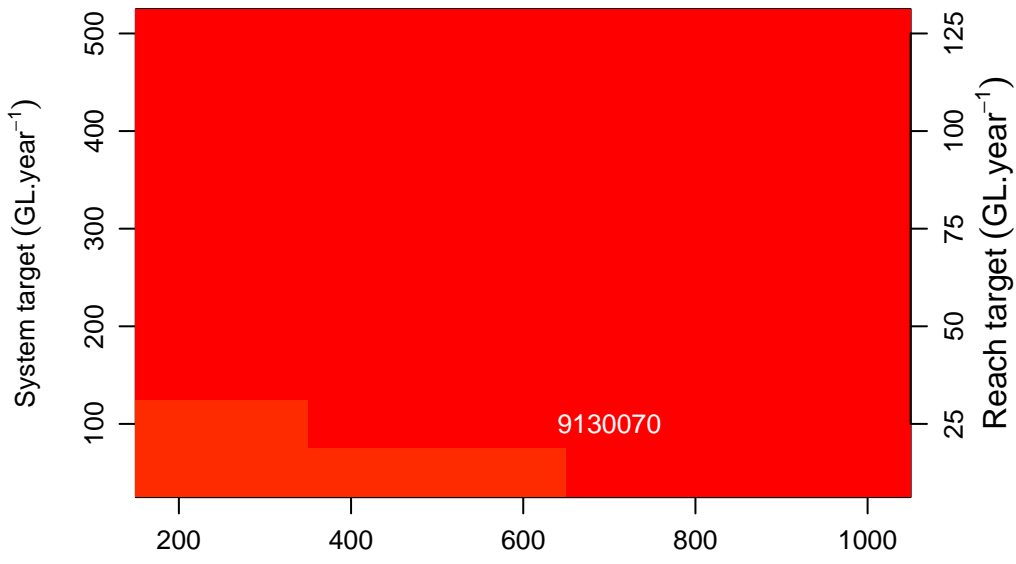
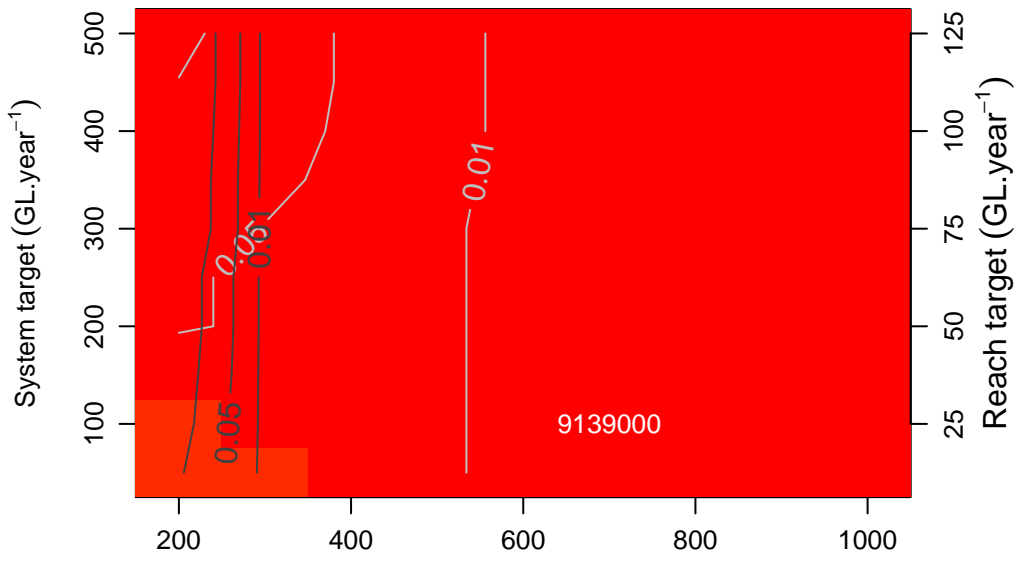


Pump rate : 40 days, EOS : 250

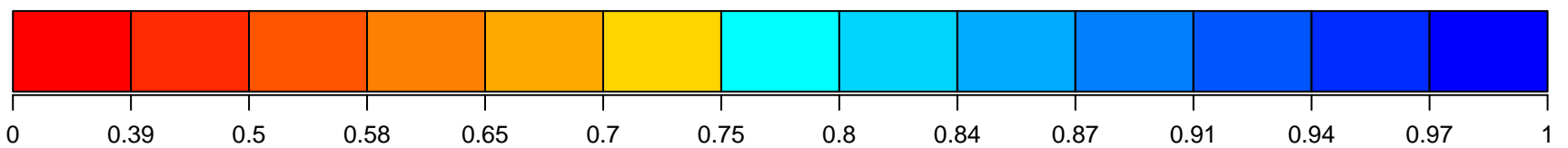


Annual reliability colour scale

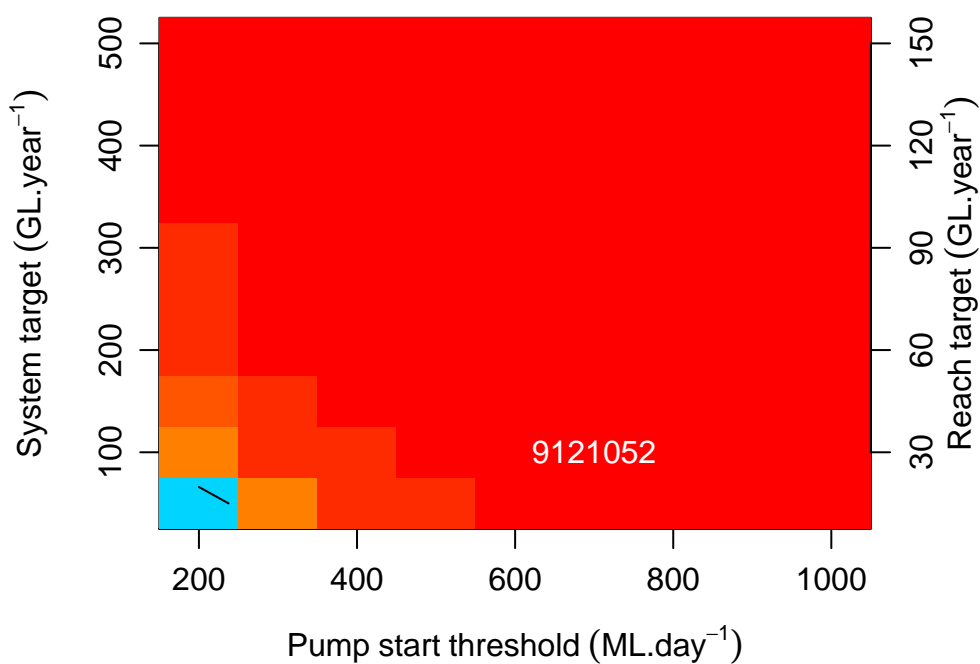
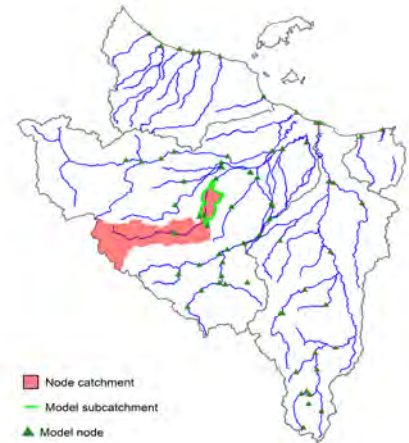
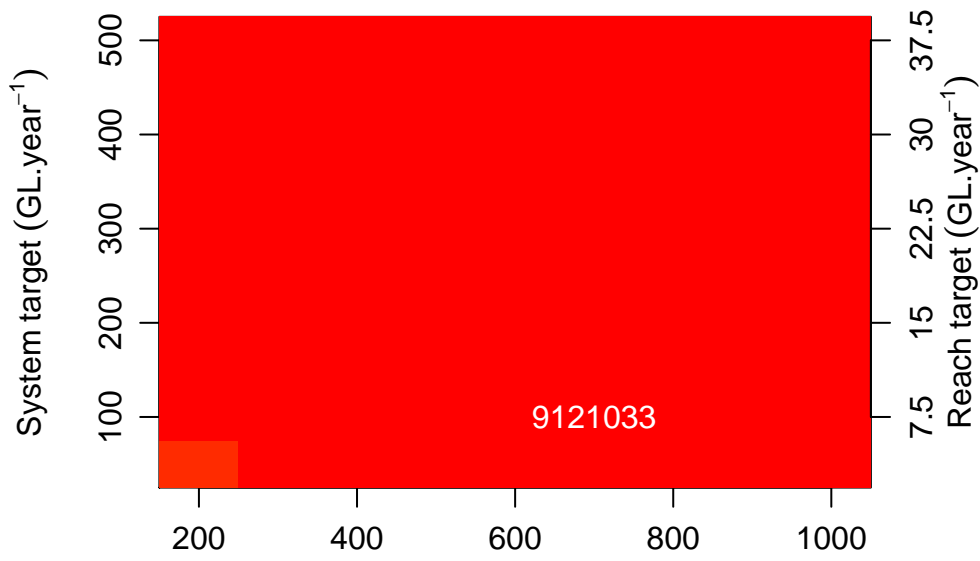
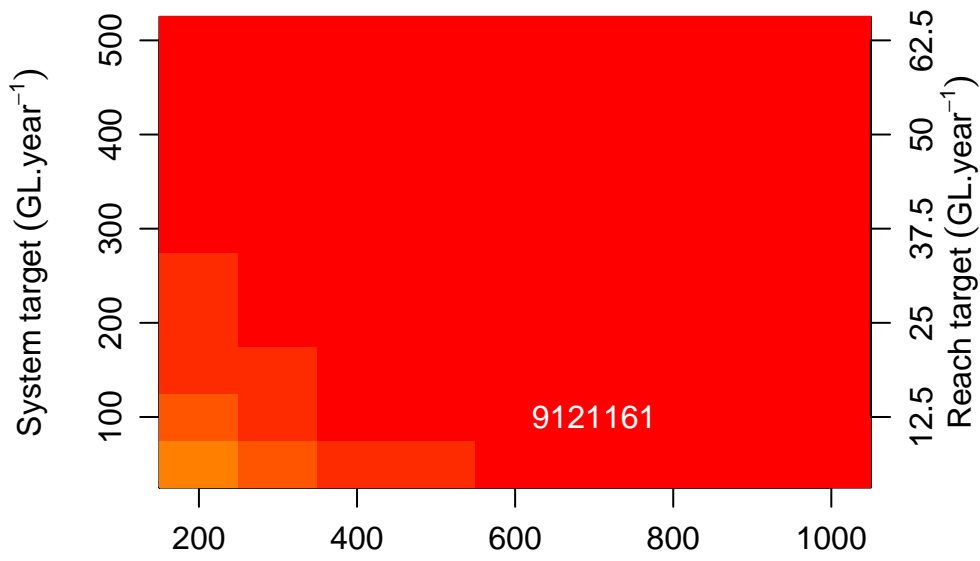




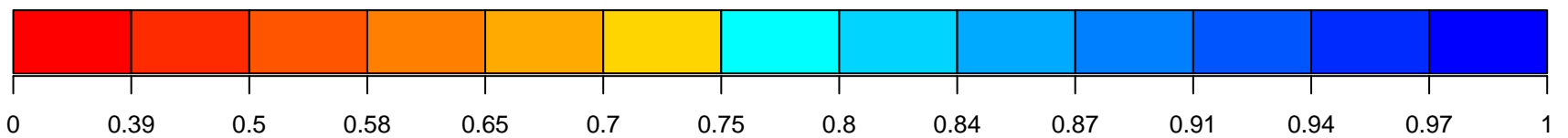
Annual reliability colour scale

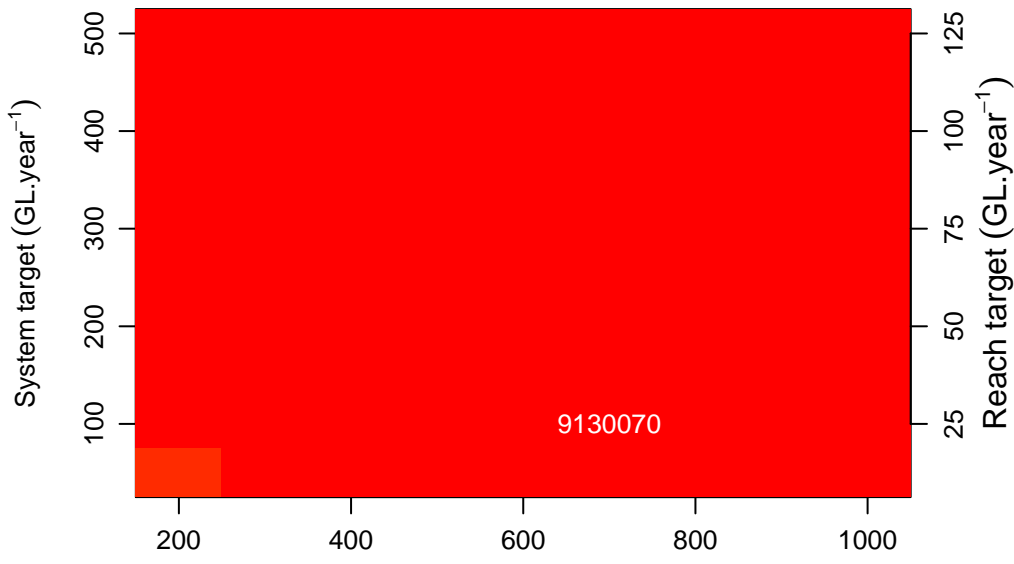
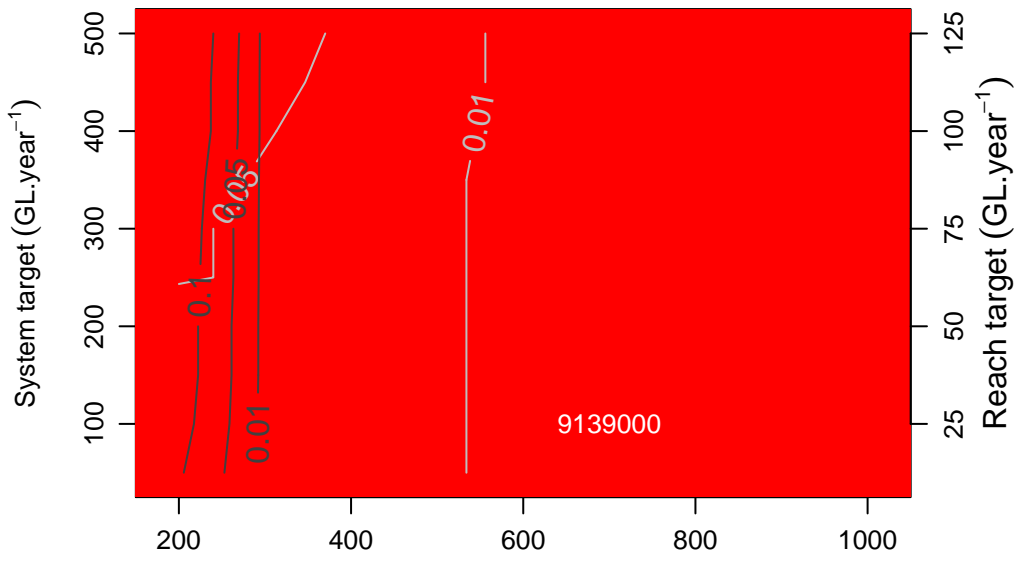


Pump rate : 50 days, EOS : 250

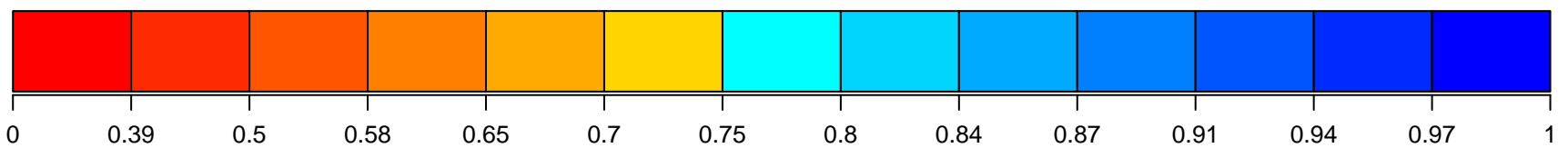


Annual reliability colour scale

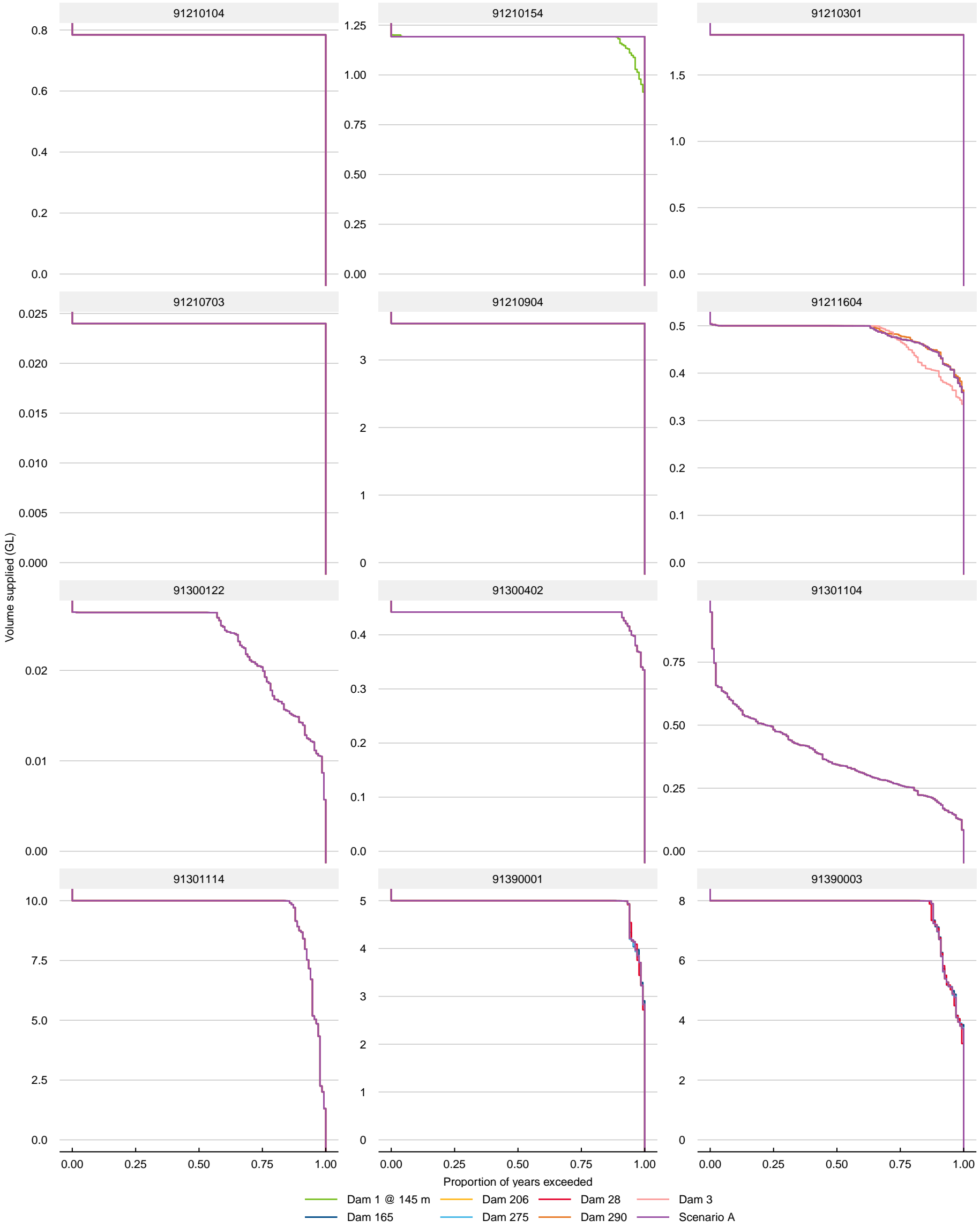




Annual reliability colour scale



Supplementary material: Existing user annual reliability of supply plots for hypothetical water storages, Southern Gulf catchments



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