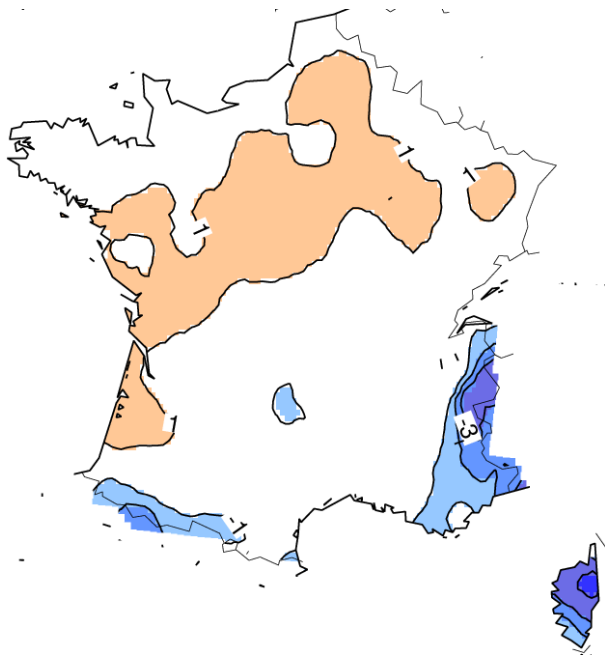


# Validation des modèles (2ème partie)

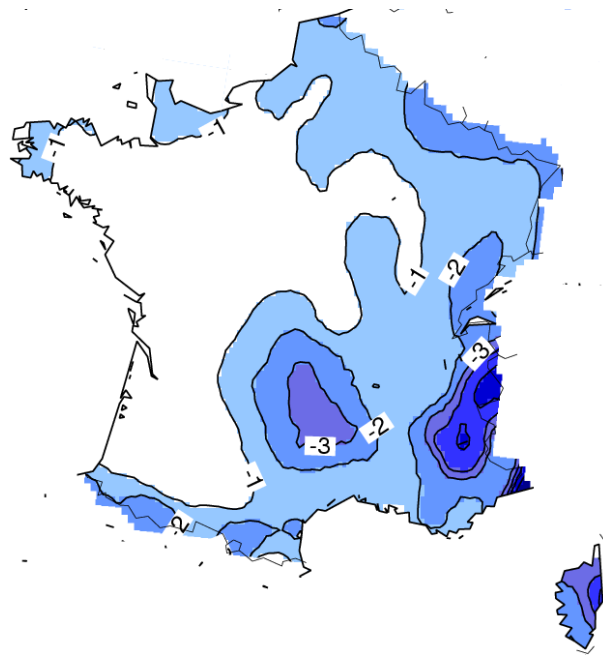
# Simulations

- Référence : 1961-1990
- Scénario A1B : 2071-2100  $\Delta$ SST CNRM-CM3
- ALADIN LMDZ et MAR corrigés quantile-quantile vs SAFRAN
- Réponses assez différentes
- Les modèles bruts sont ils valides ?
- Article DRIAS en cours de rédaction par R. Vautard

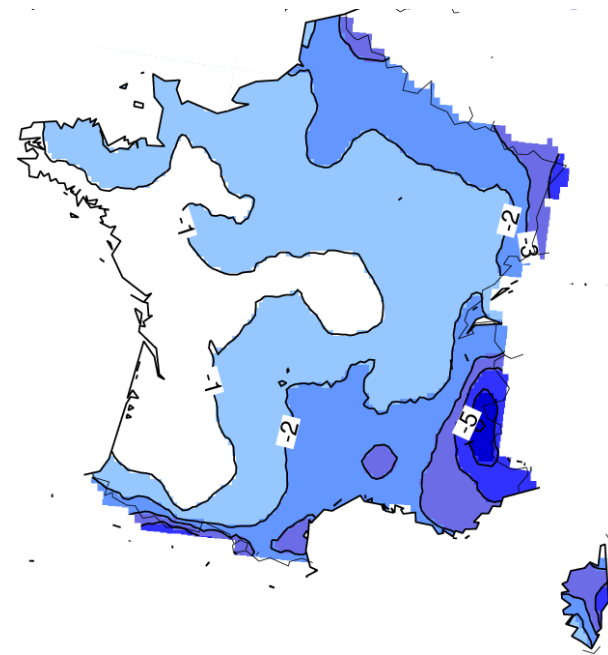
# Biais température DJF



**ALADIN**

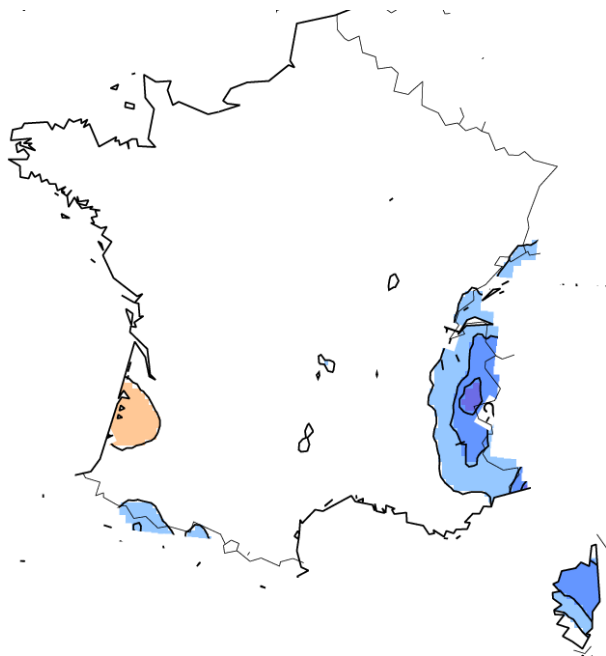


**LMDZ**

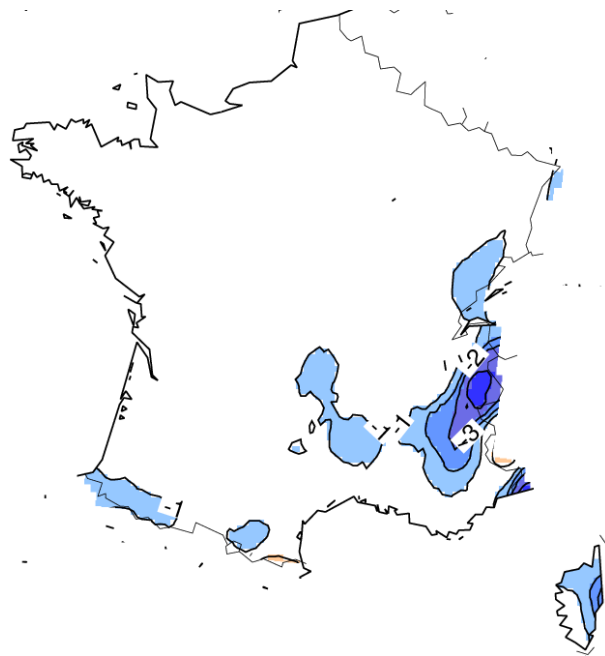


**MAR**

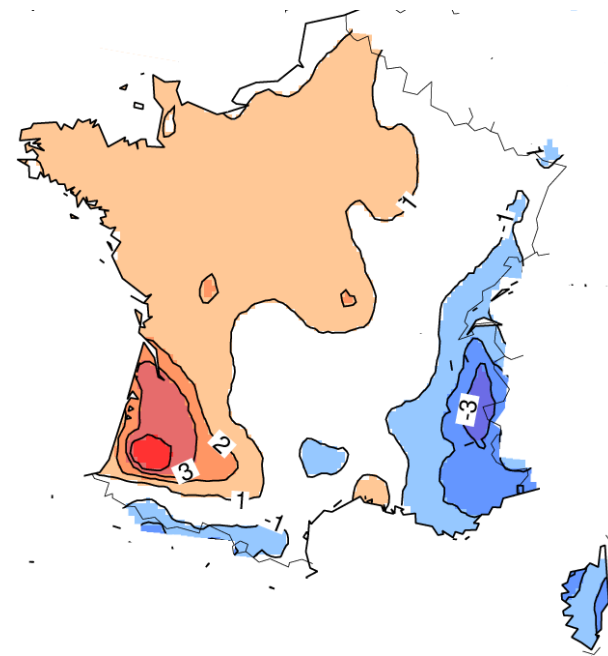
# Biais température MAM



**ALADIN**

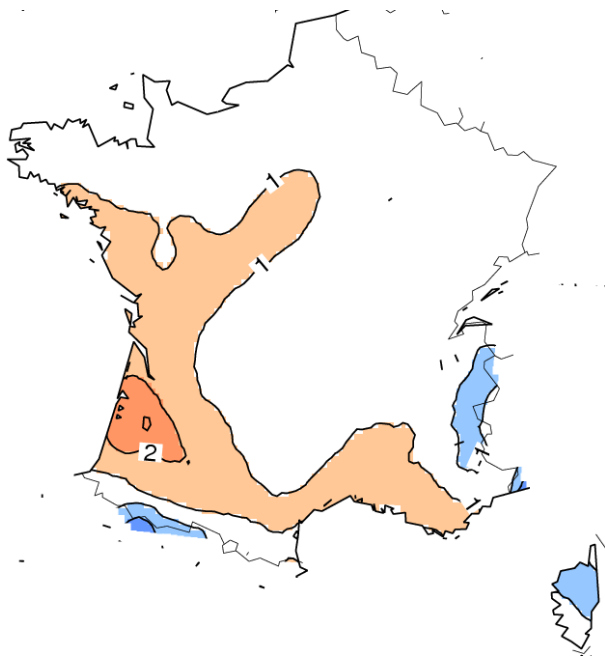


**LMDZ**

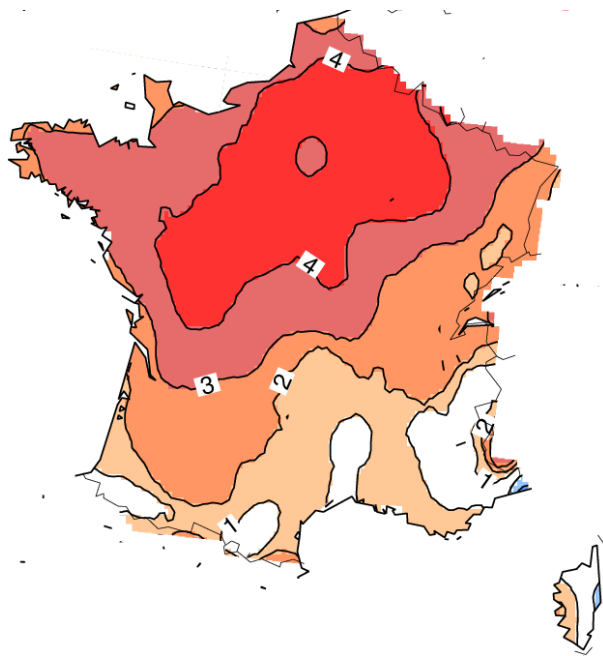


**MAR**

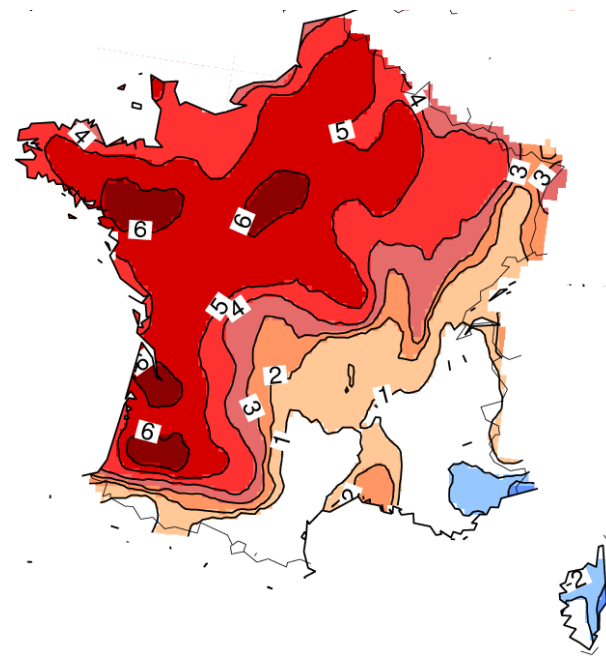
# Biais température JJA



**ALADIN**

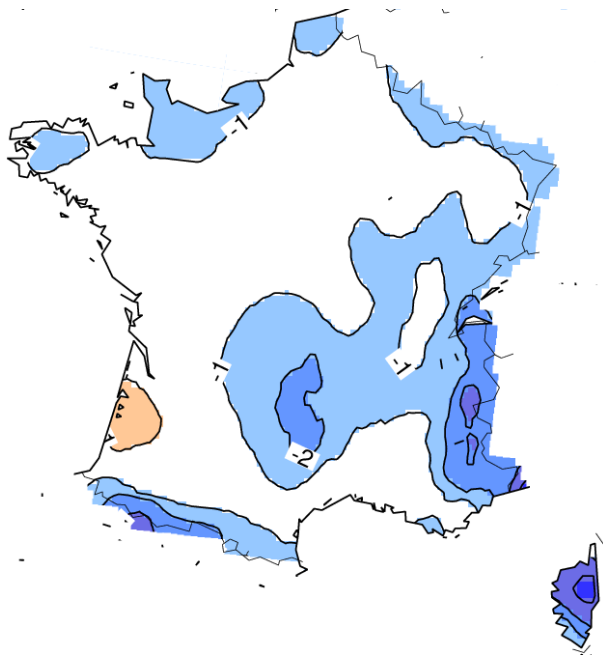


**LMDZ**

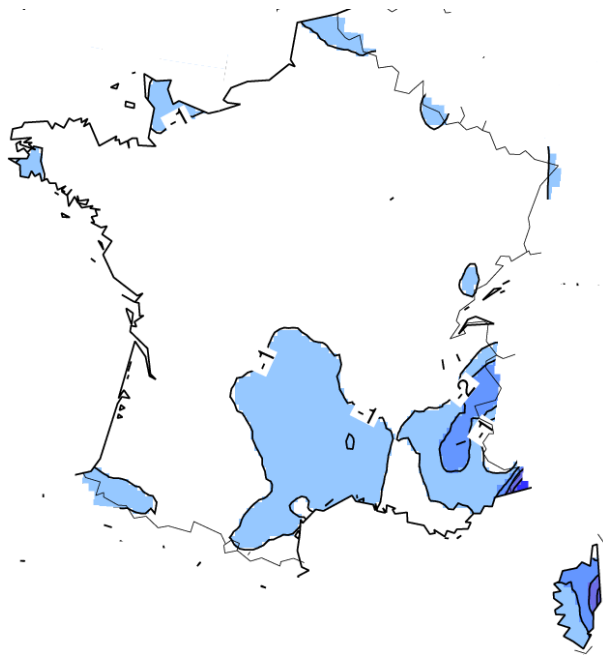


**MAR**

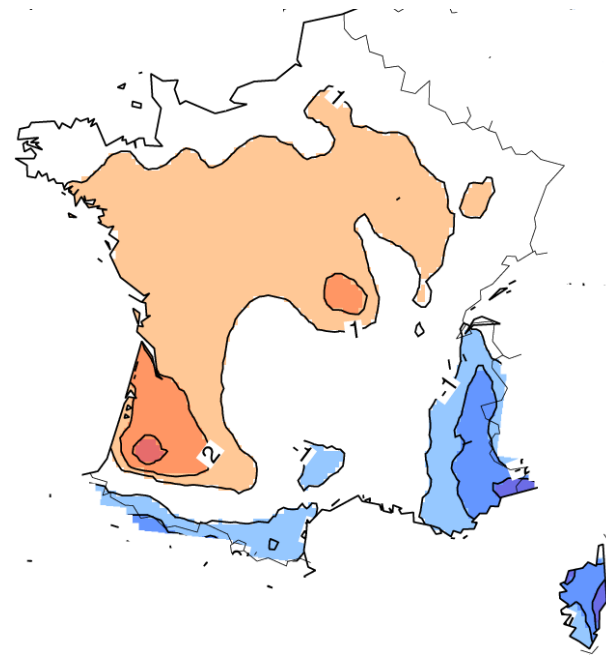
# Biais température SON



**ALADIN**

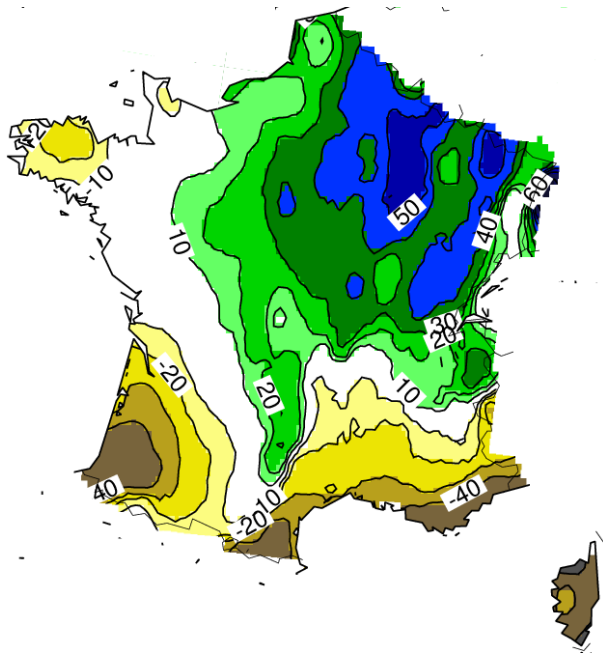


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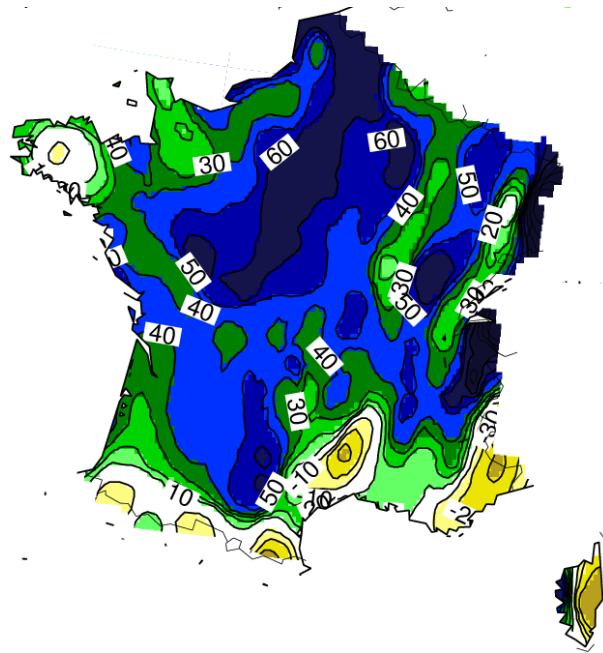


**MAR**

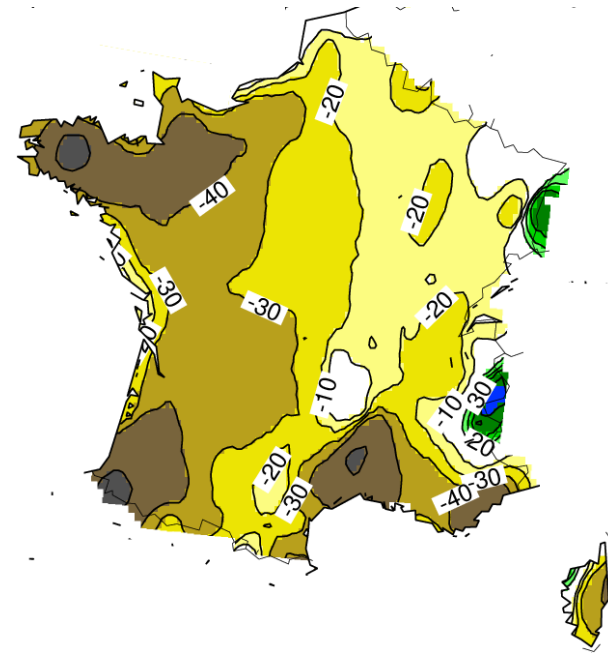
# Biais précipitation DJF



**ALADIN**

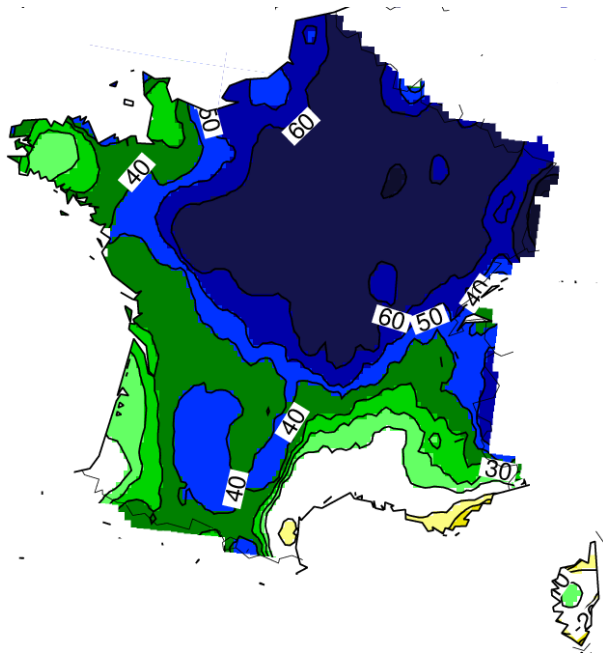


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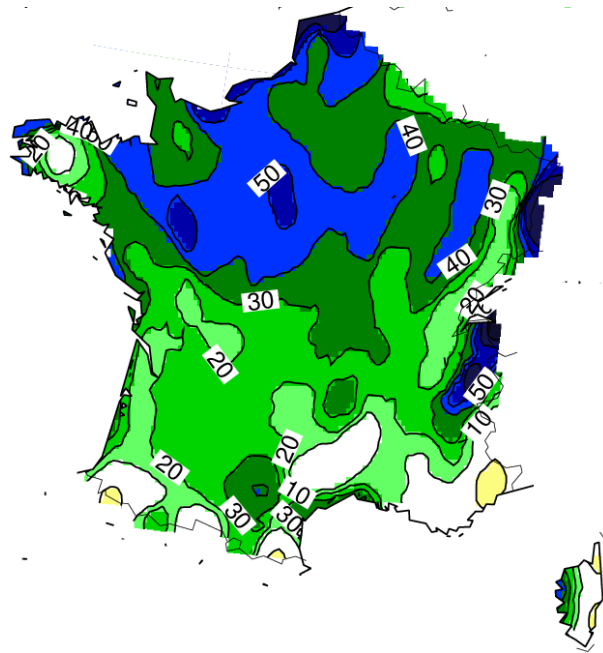


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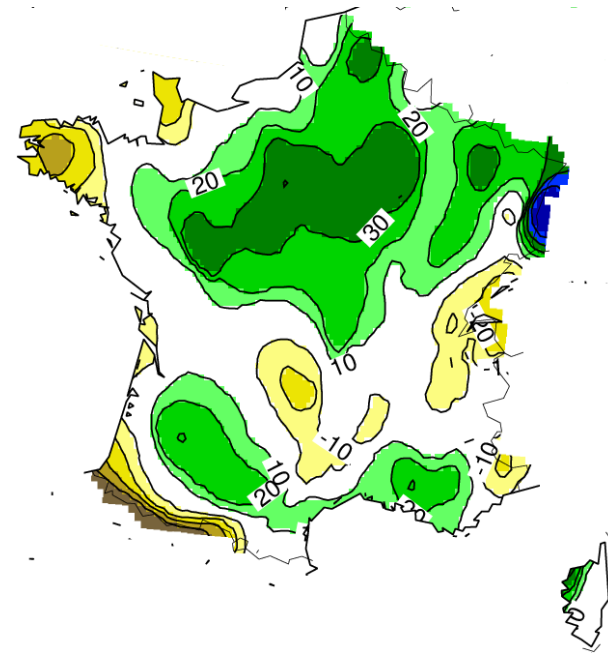
# Biais précipitation MAM



**ALADIN**



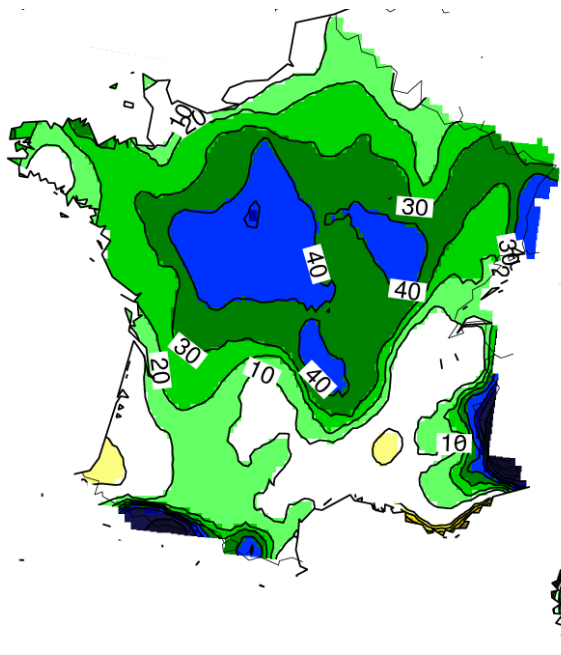
**LMDZ**



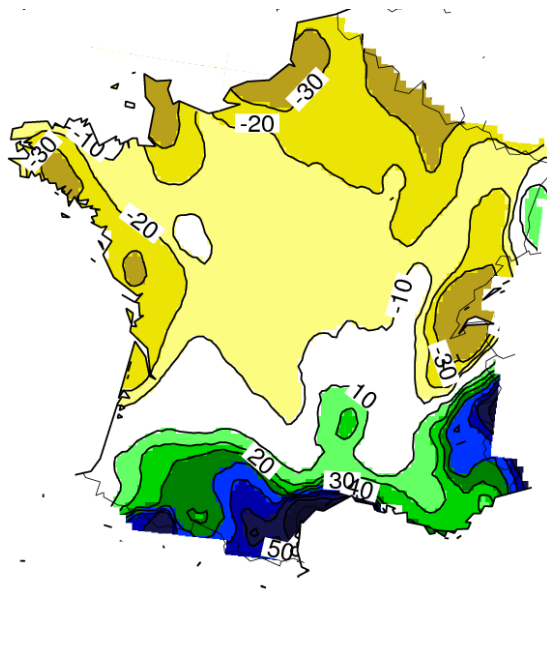
**MAR**



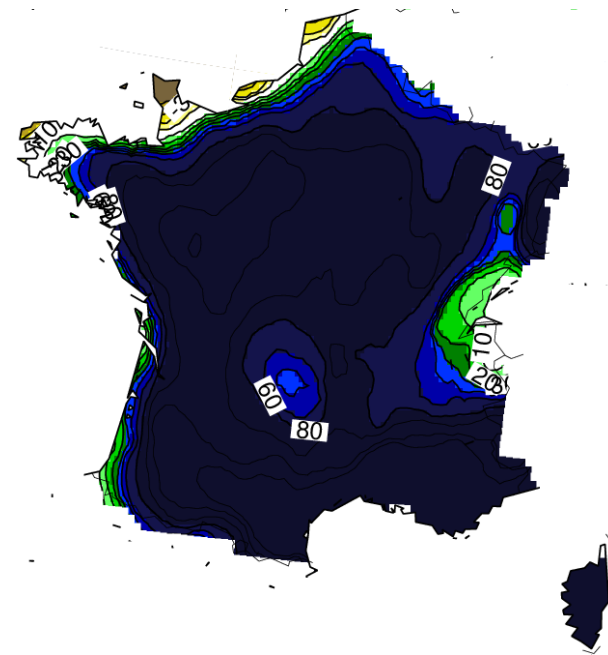
# Biais précipitation JJA



**ALADIN**

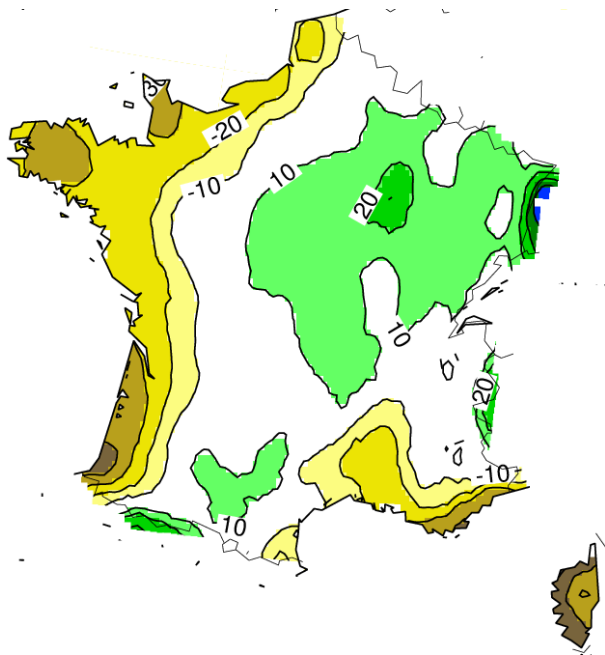


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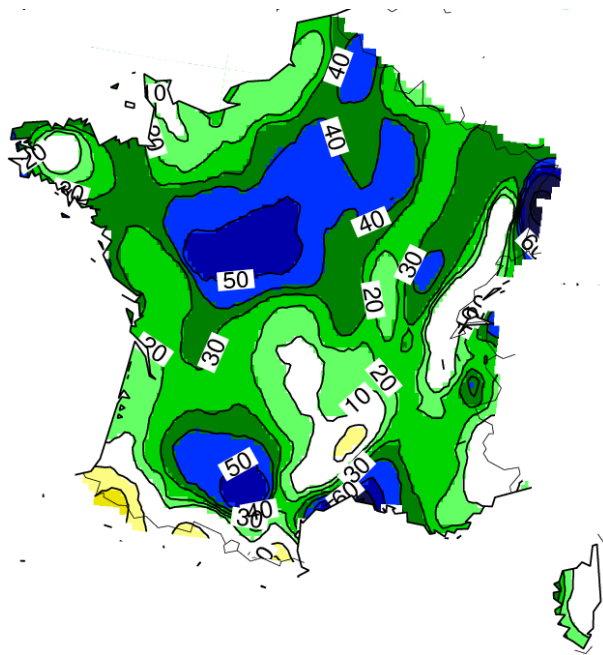


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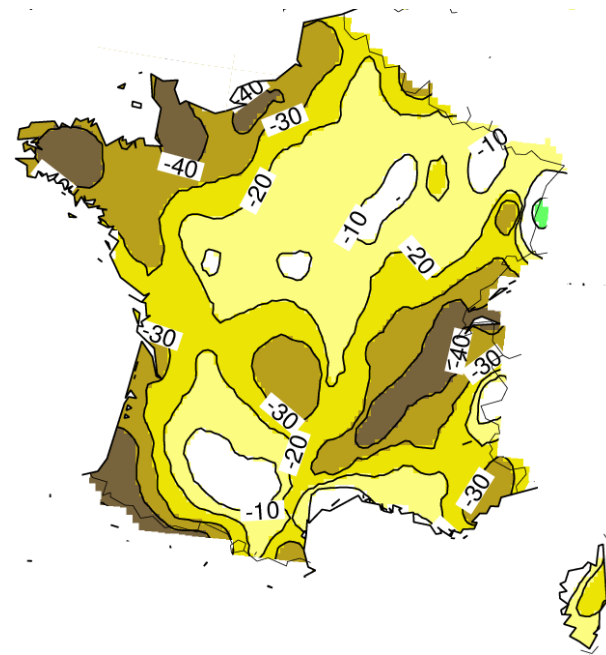
# Biais précipitation SON



**ALADIN**



**LMDZ**



**MAR**

# Conclusions

- SCAMPEI n'est pas un concours de beauté !
- Il resterait à étudier les biais par régime de temps
- La réponse par régime de temps
- La différence tmin/tmax
- La différence pluie/neige
- .....