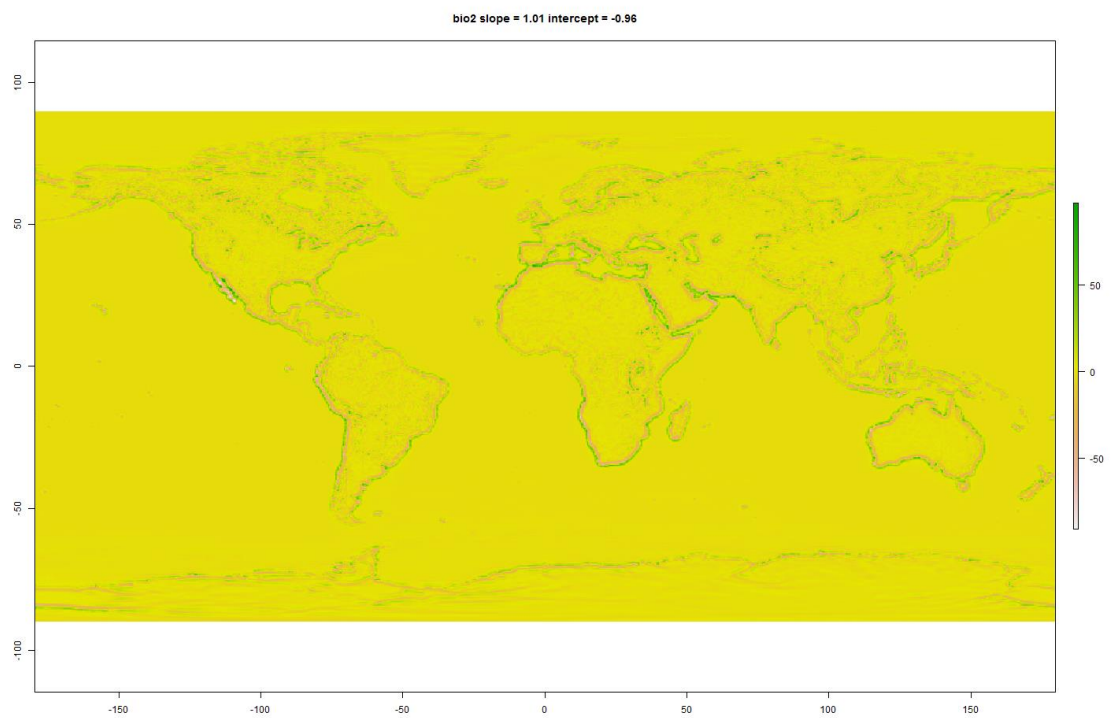
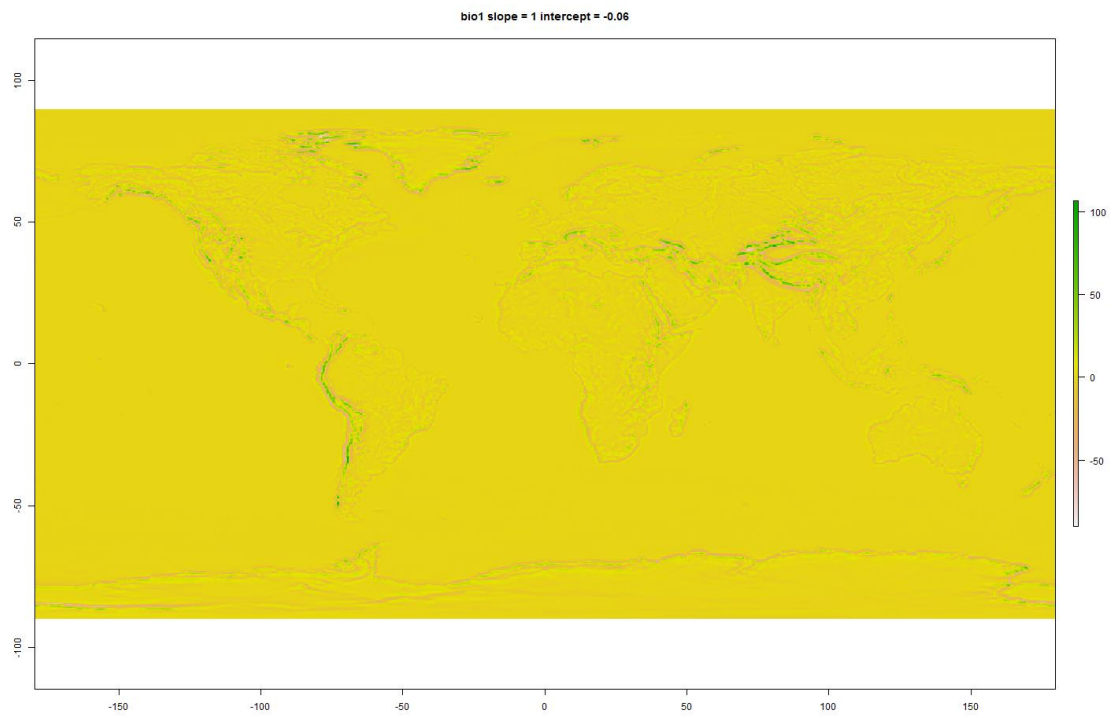


Supplementary Information

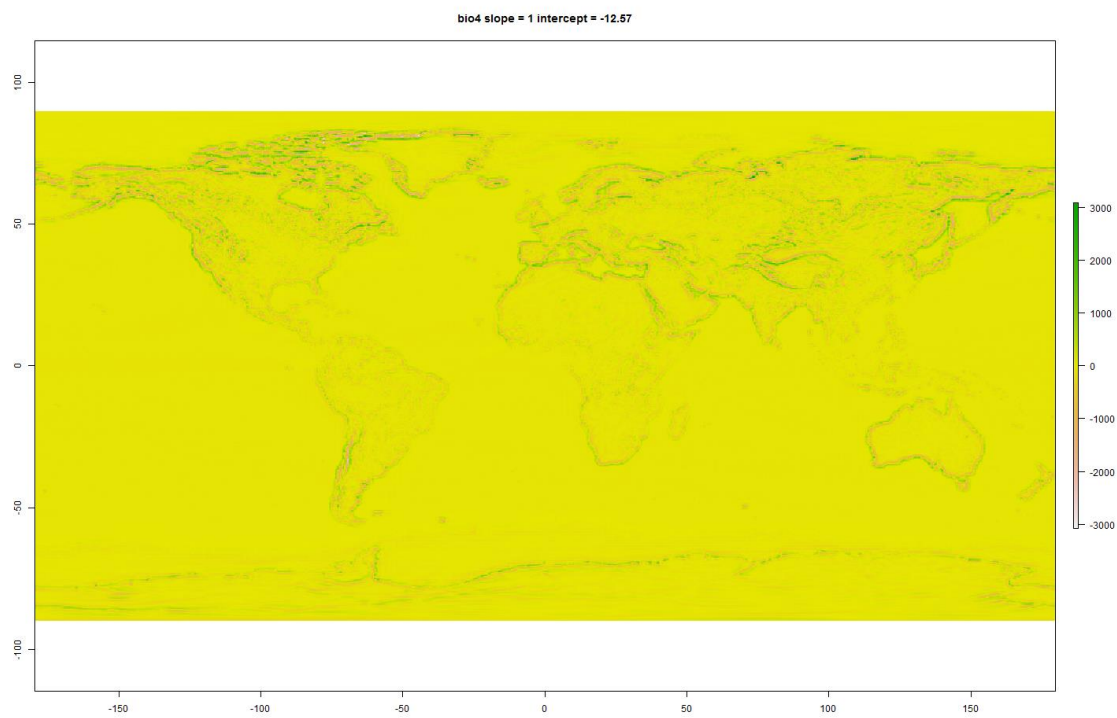
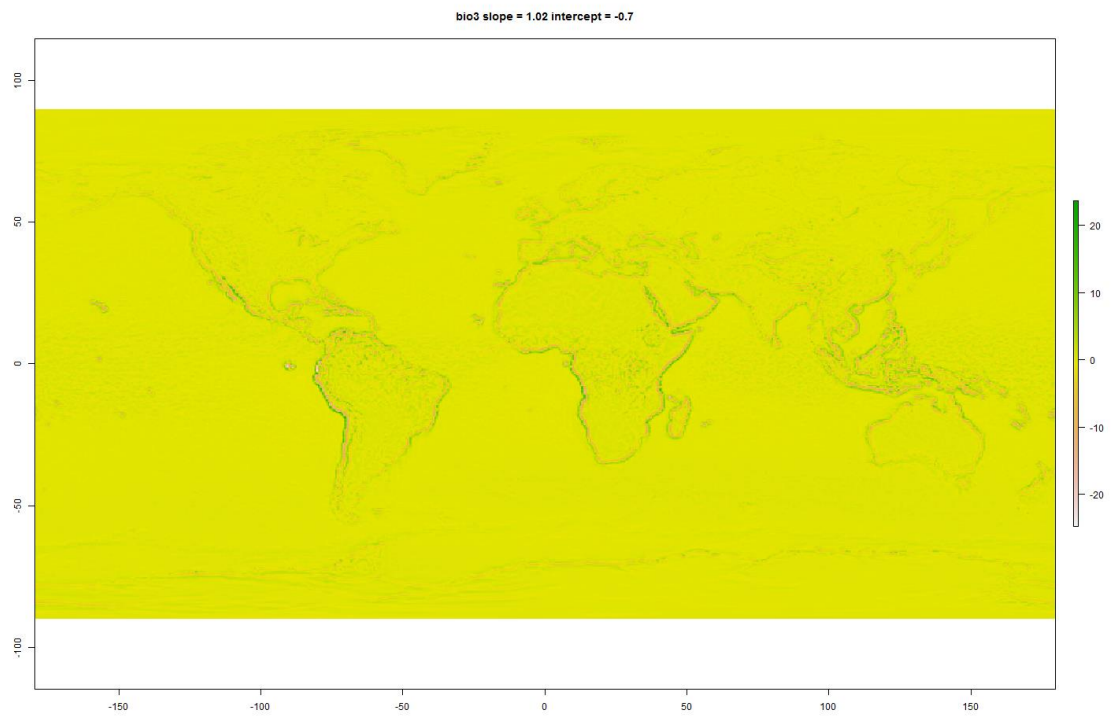
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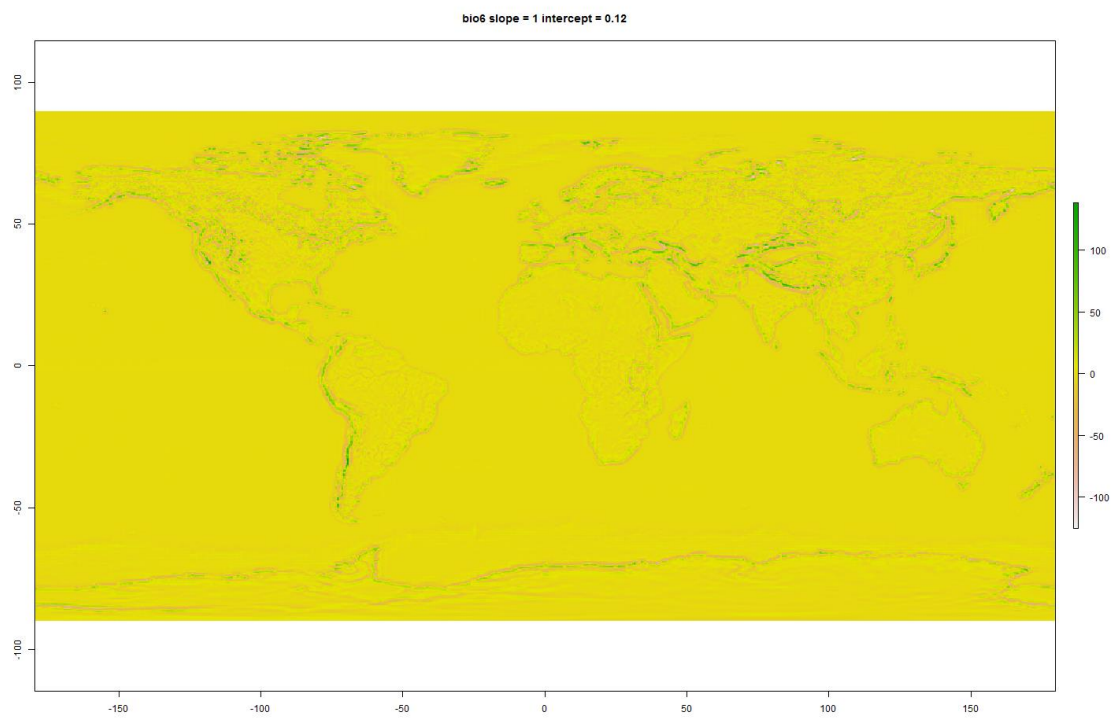
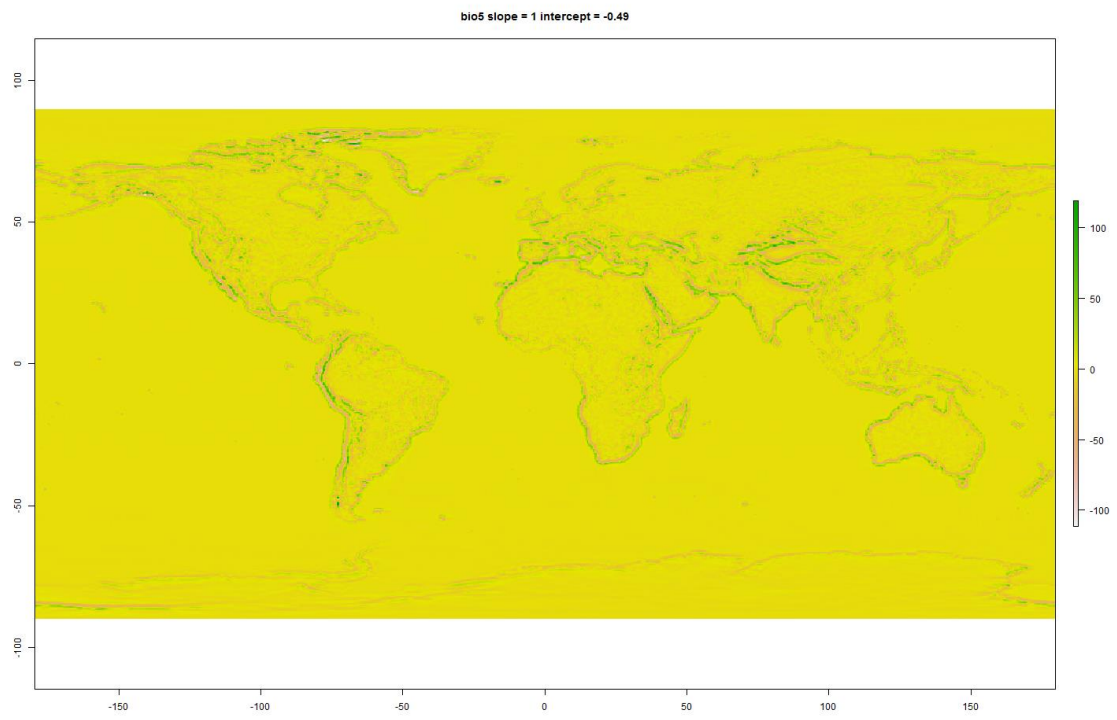
Supplementary Figure 1: Absolute difference between MERRAclim interpolated using Kriging and MERRAclim interpolated using Spline at 10 arc-minutes resolution



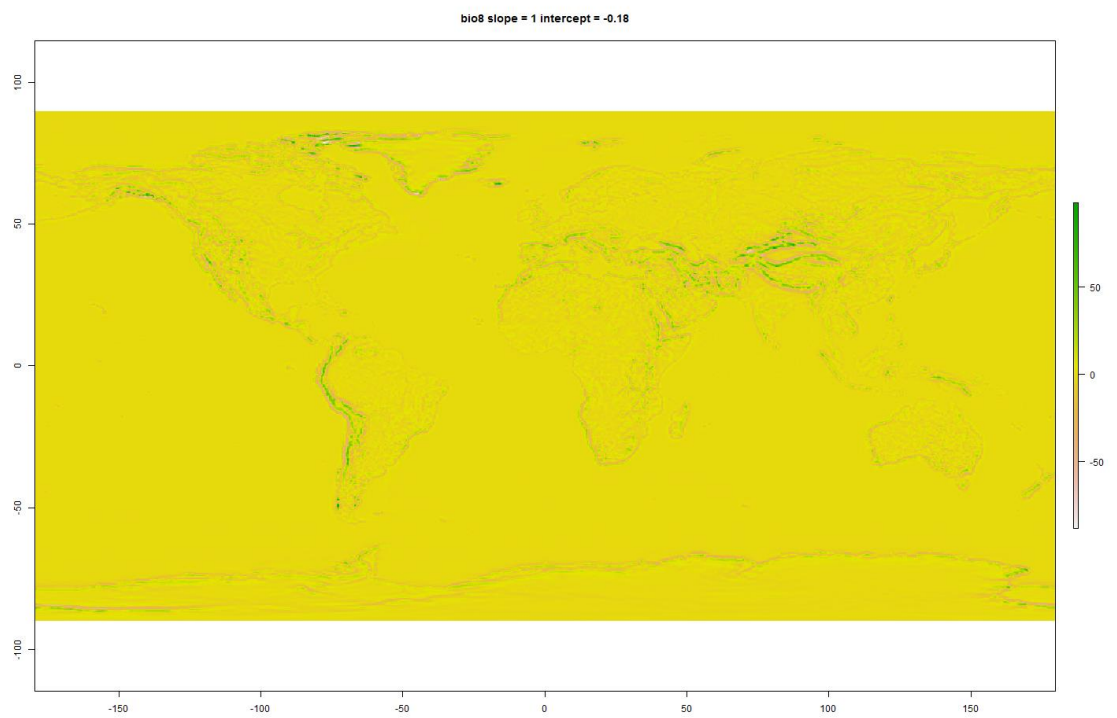
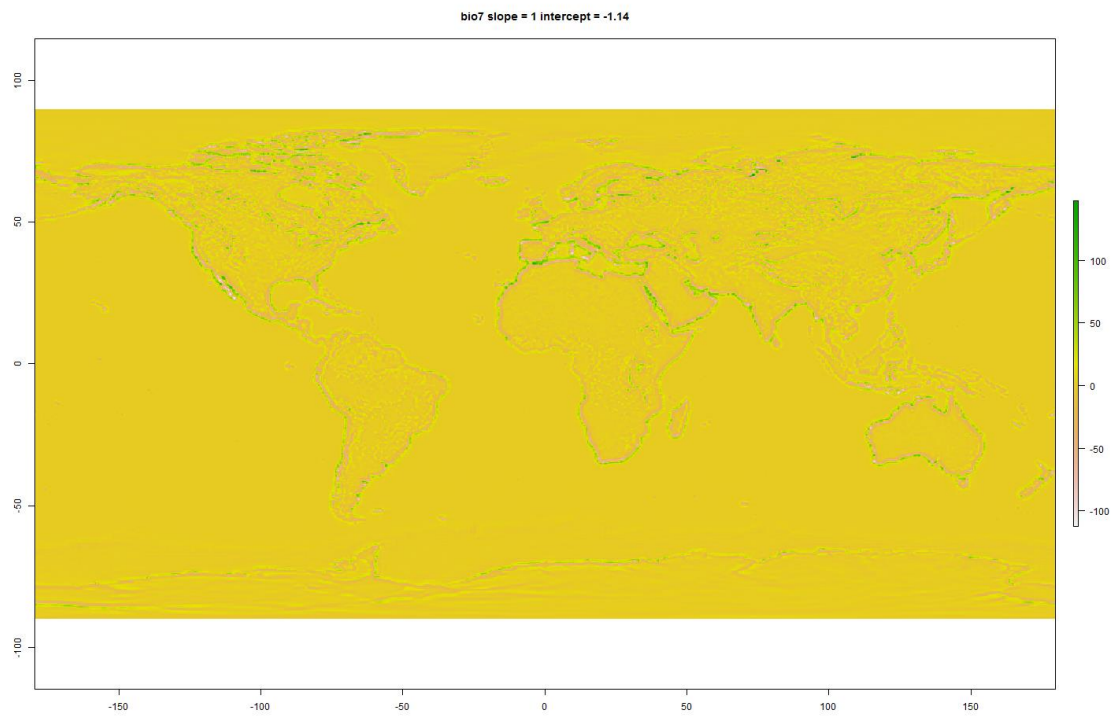
Supplementary Figure 1 (cont.)



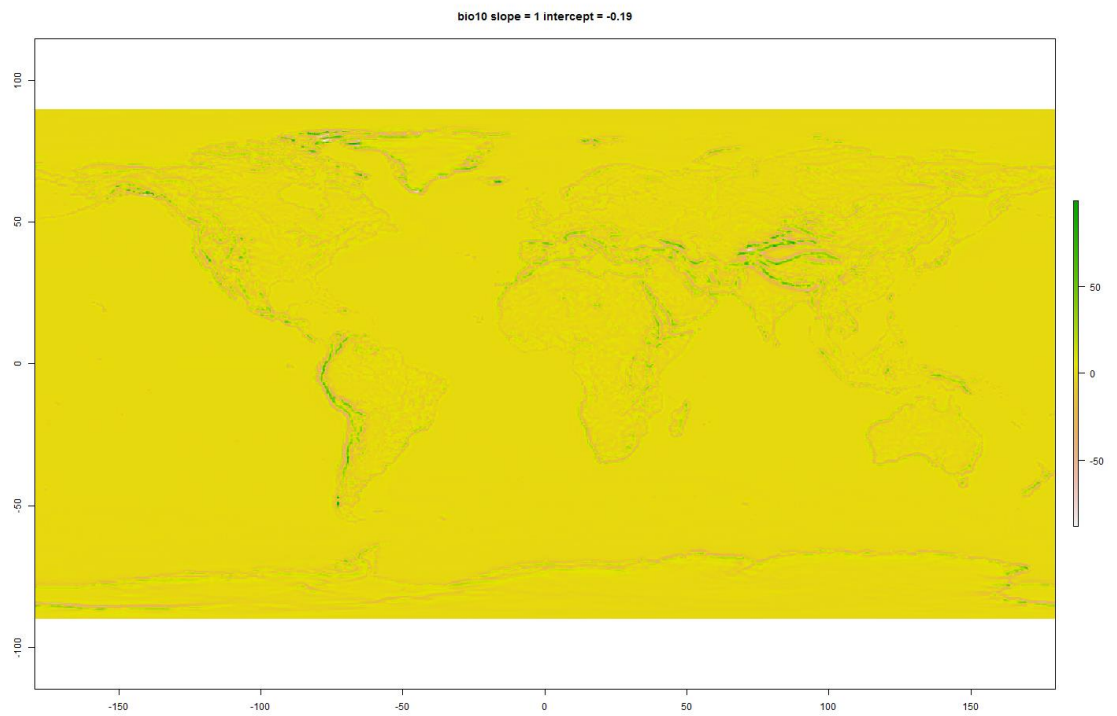
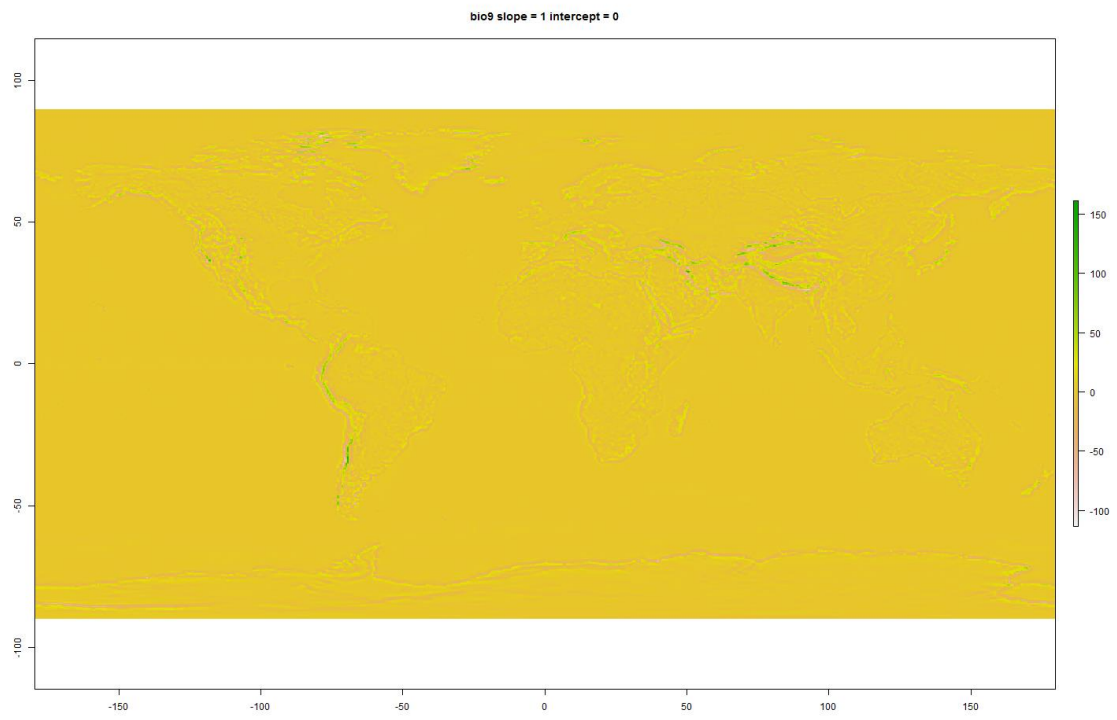
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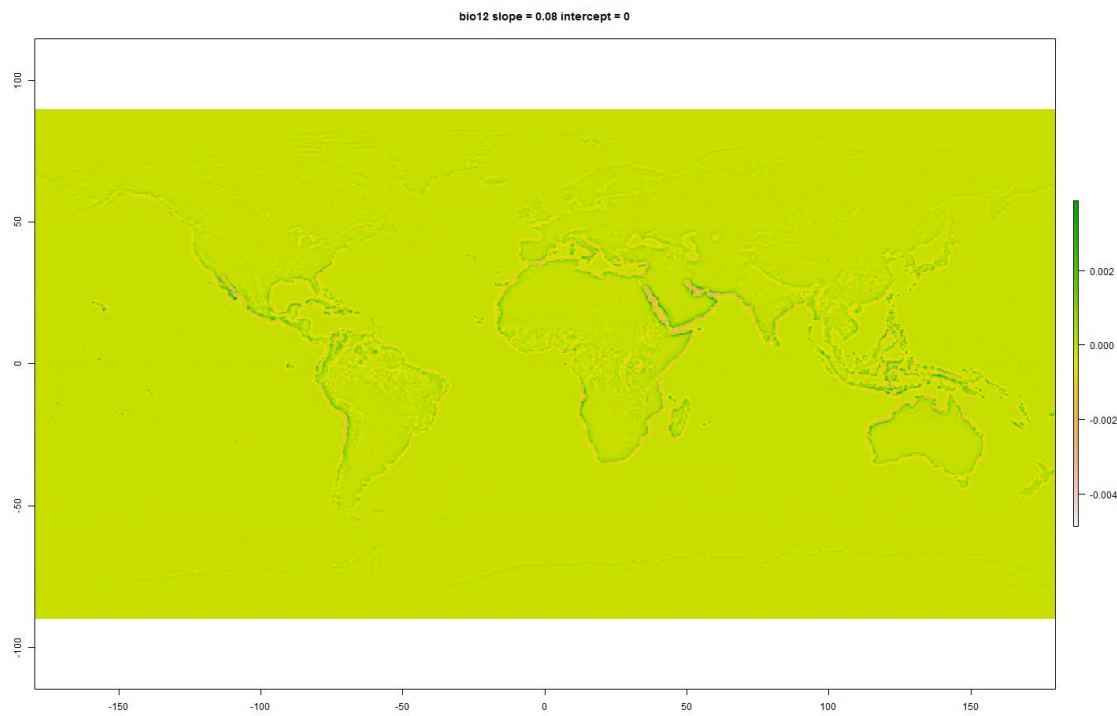
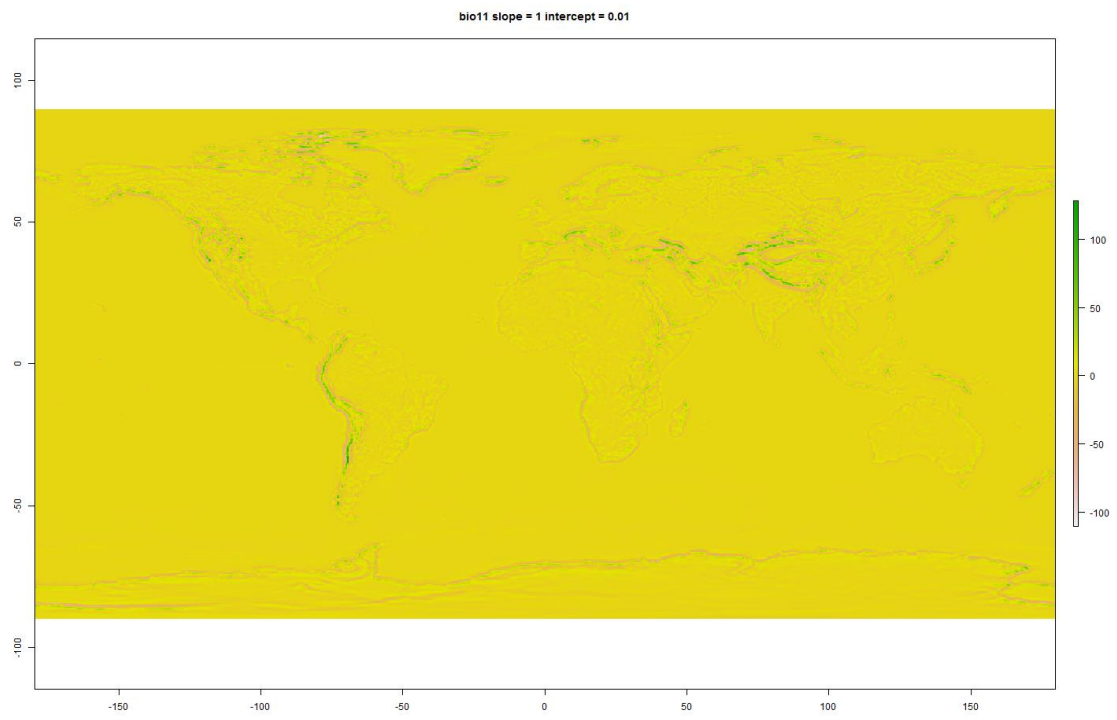
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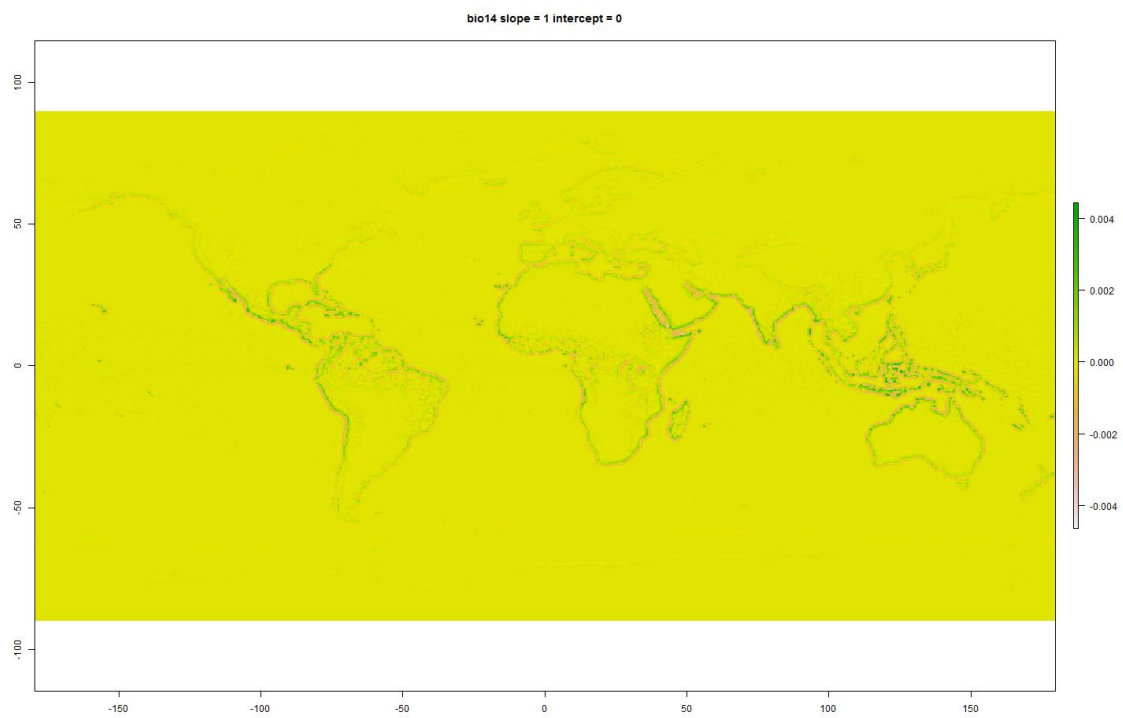
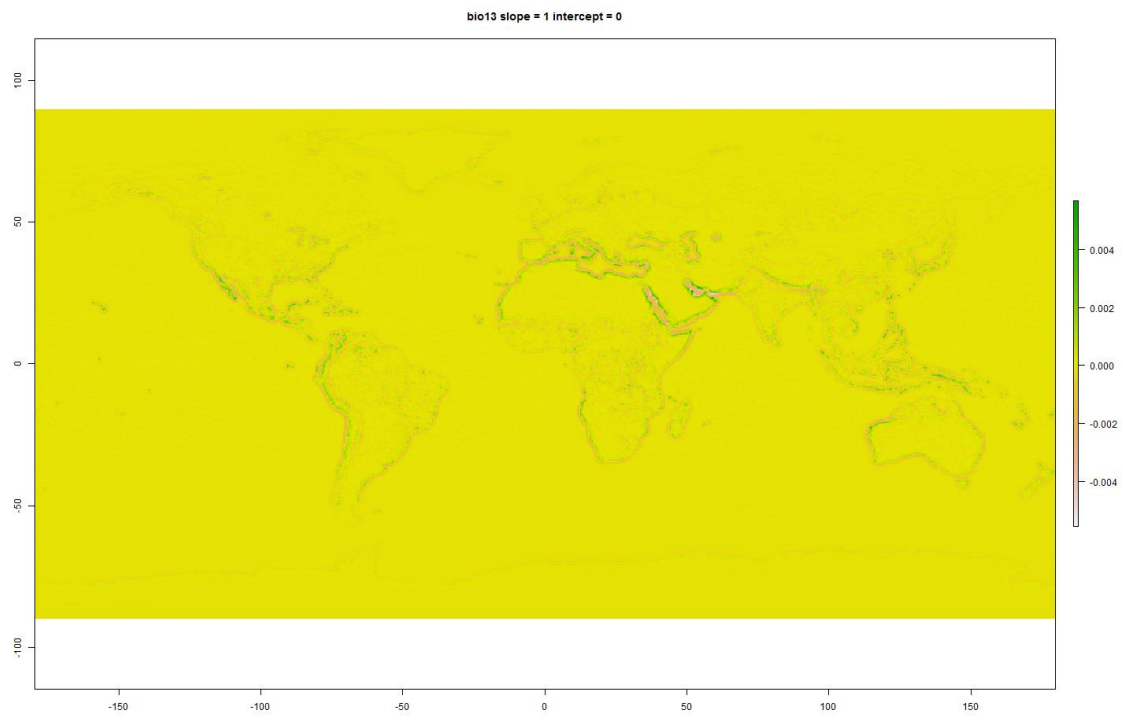
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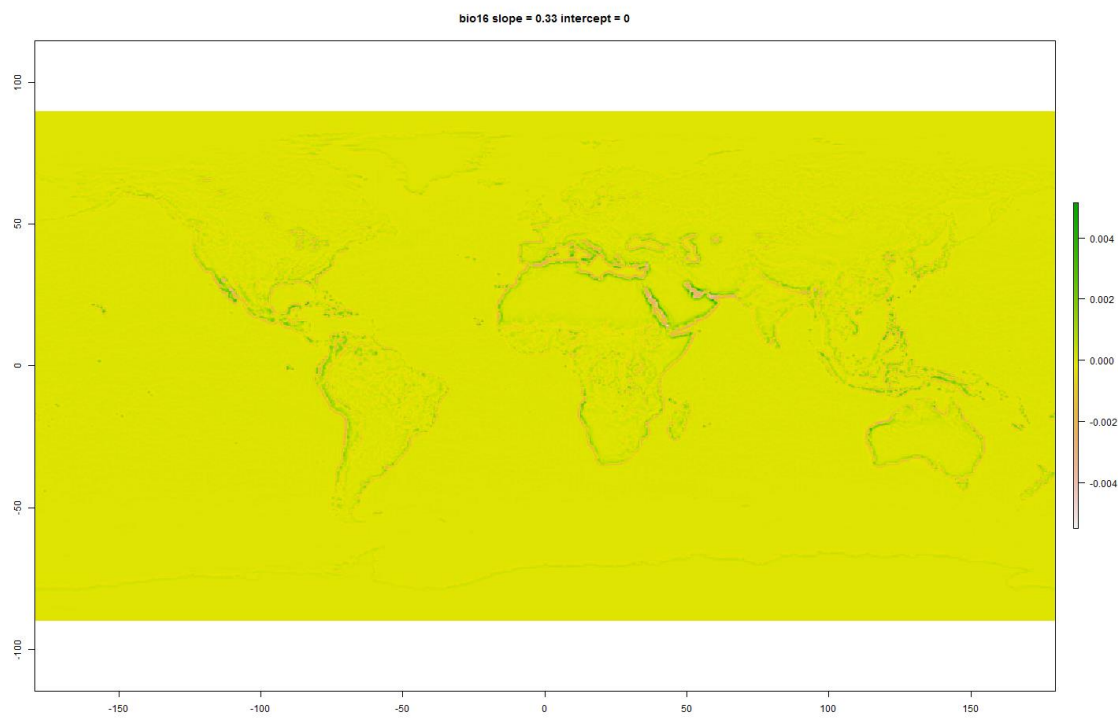
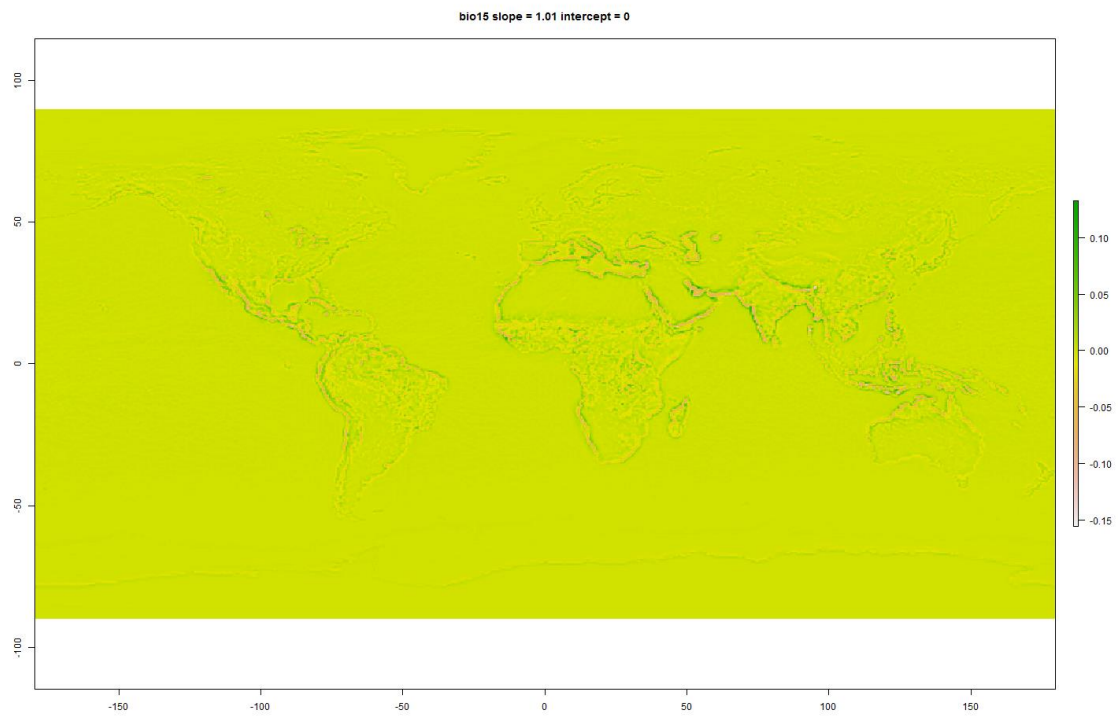
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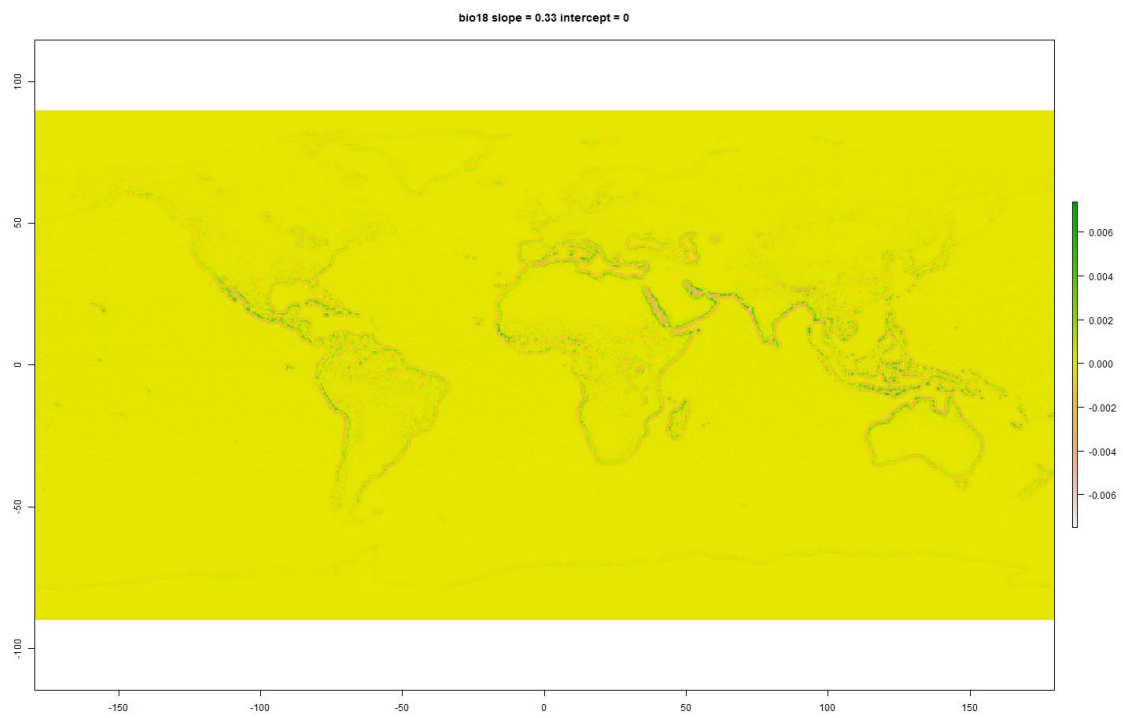
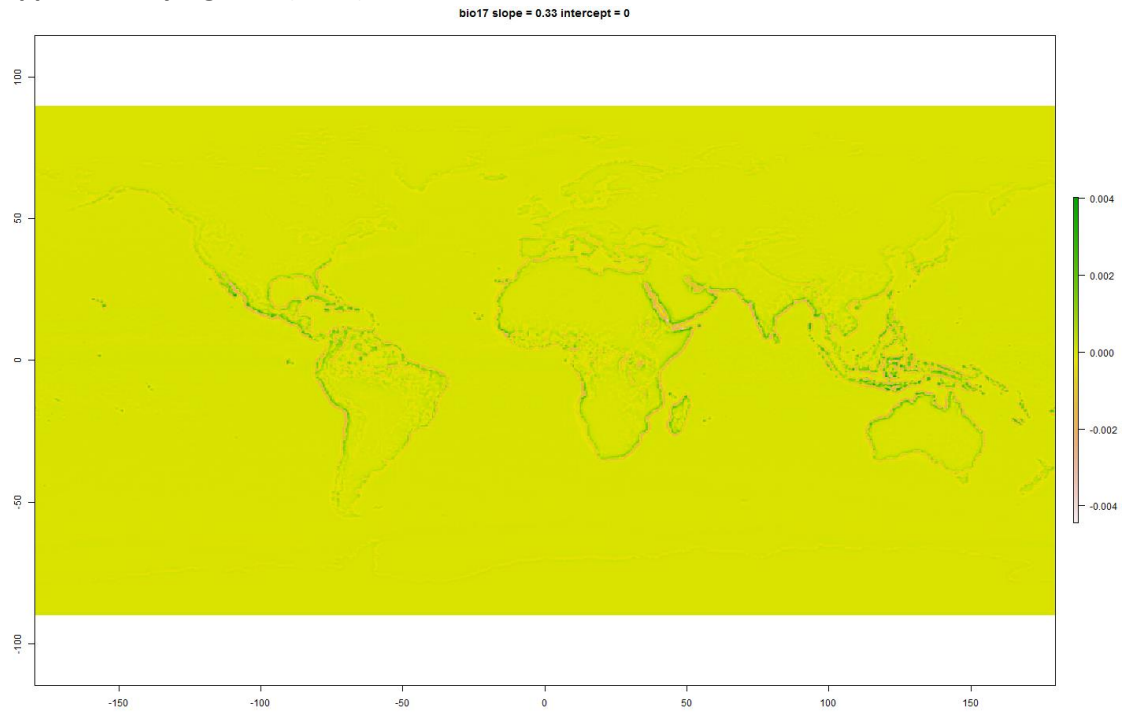
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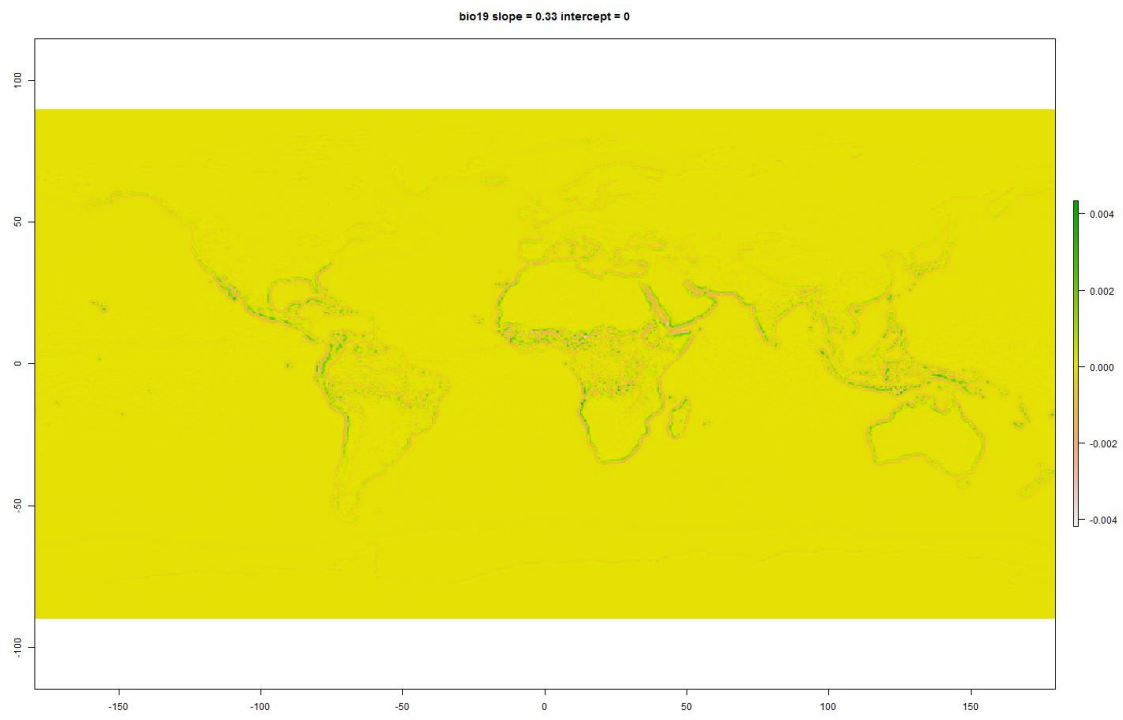
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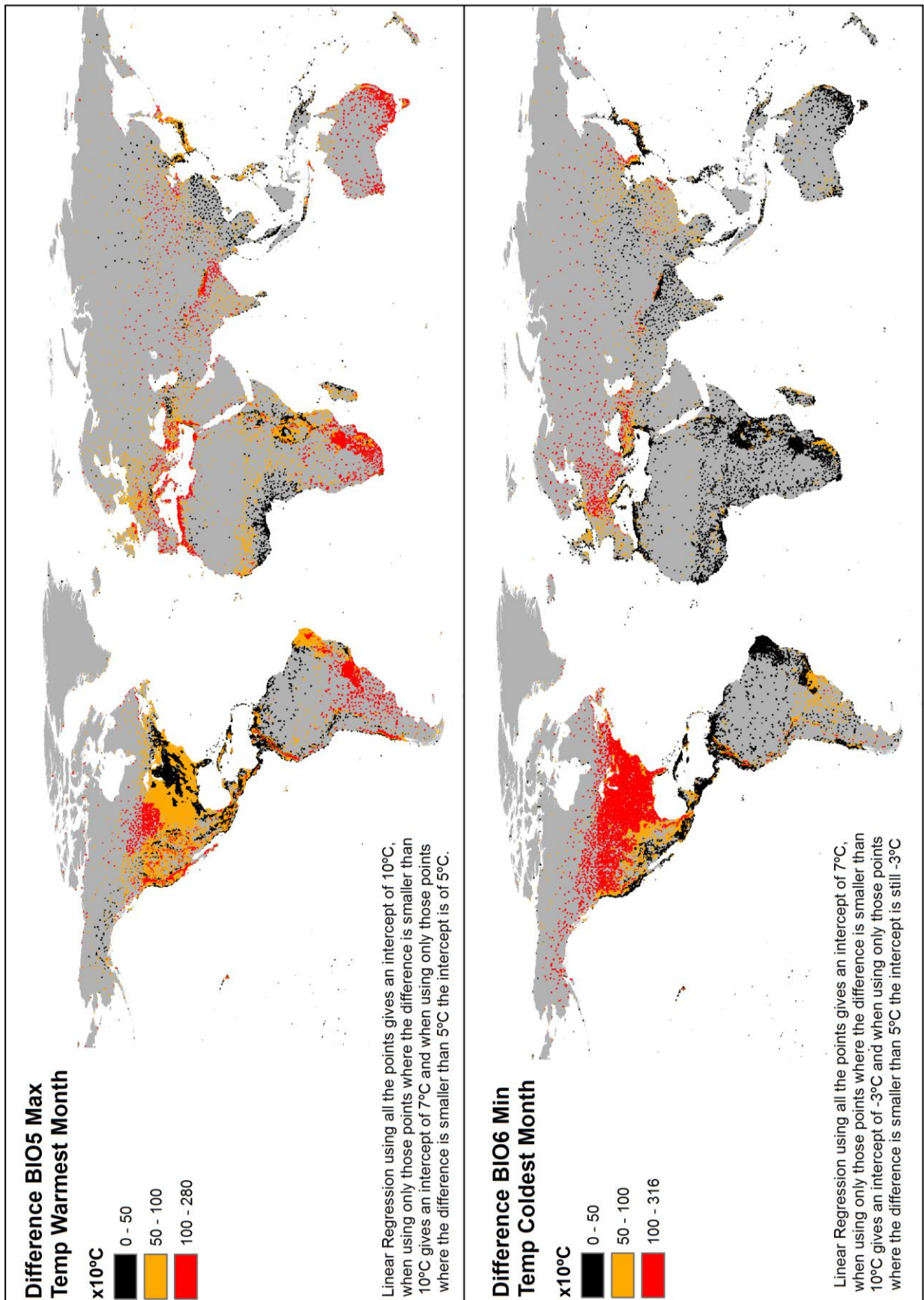
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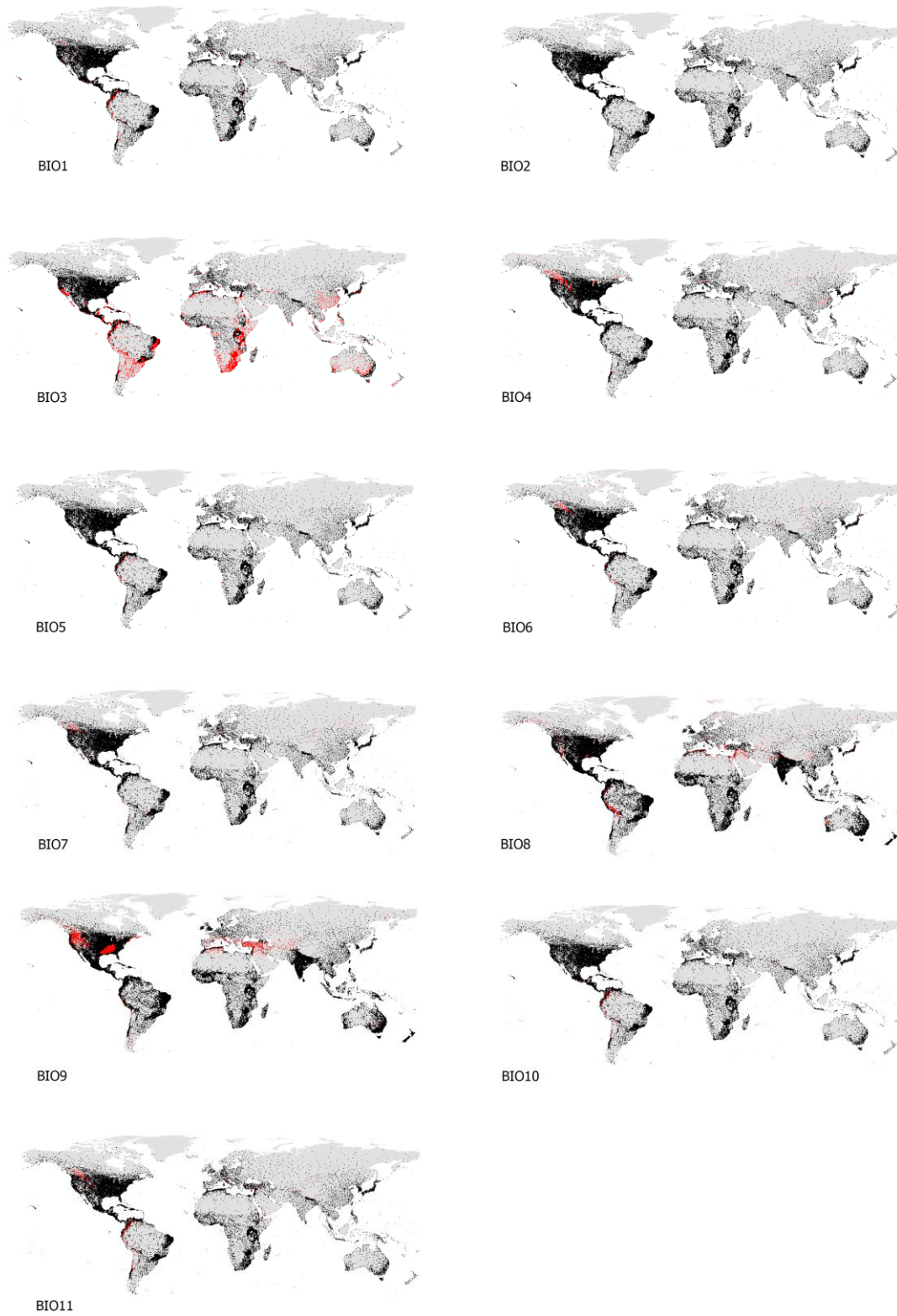
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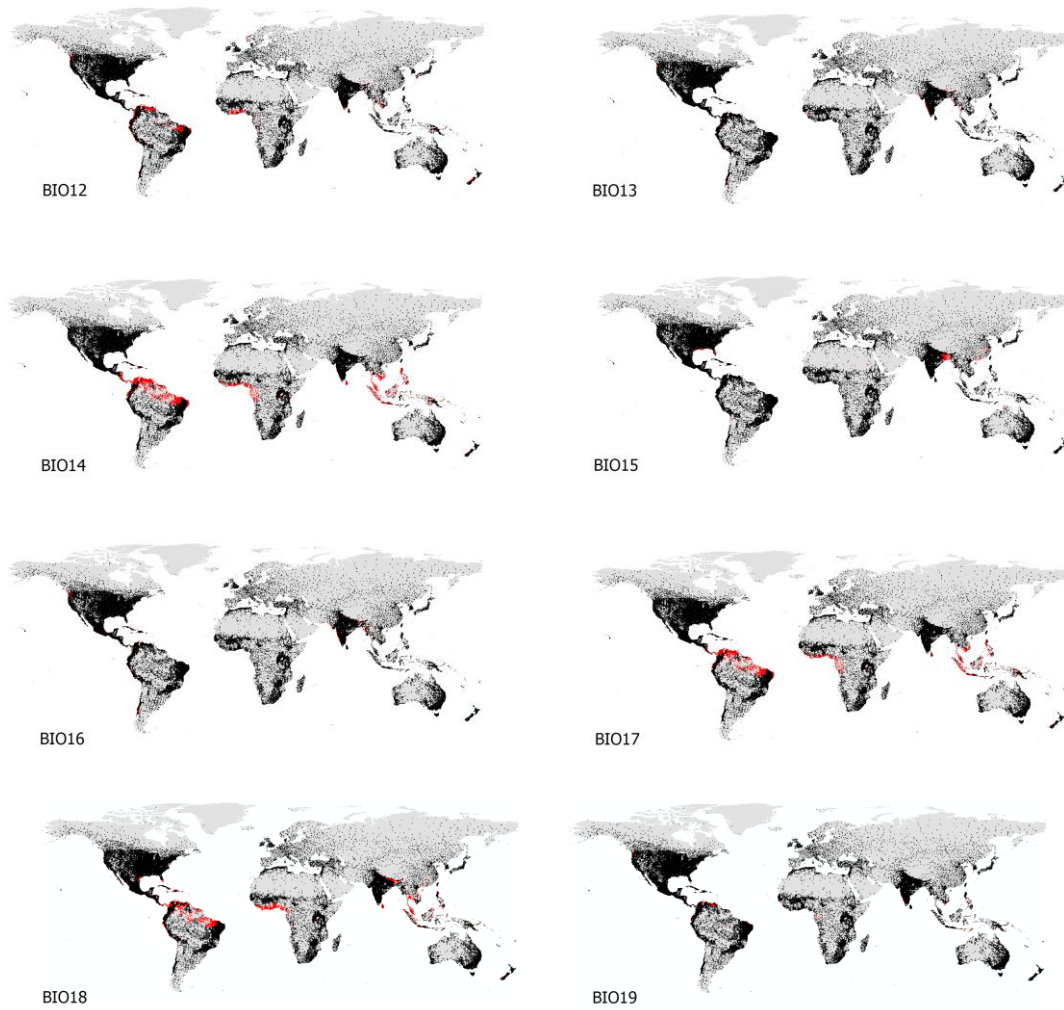
Supplementary Figure 2: Geographical location of absolute difference between MERRAclim and WorldClim for BIO5 and BIO6.



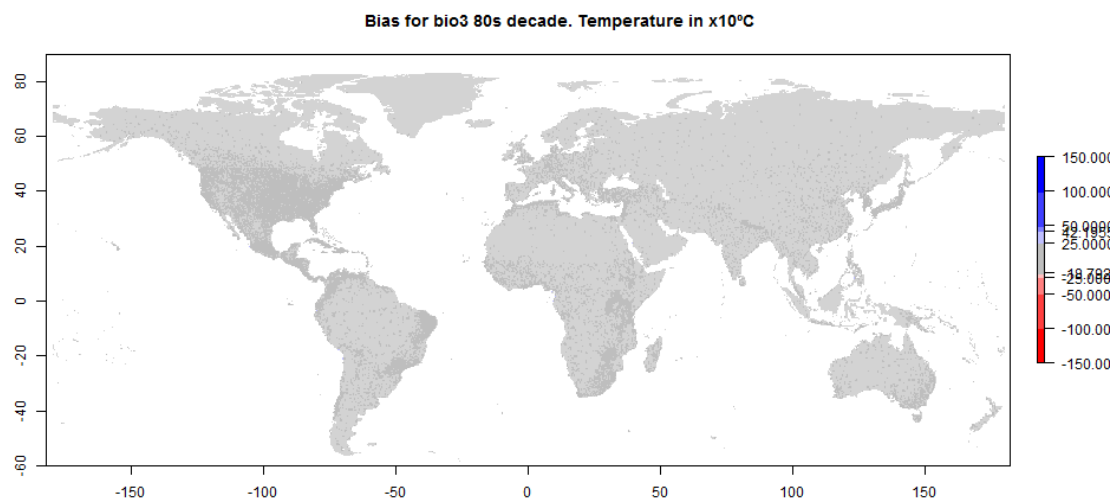
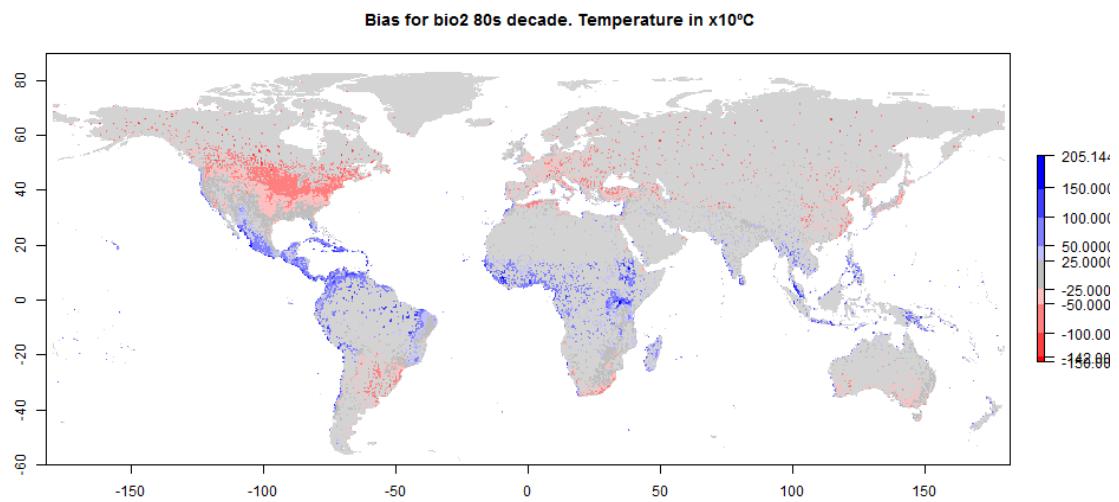
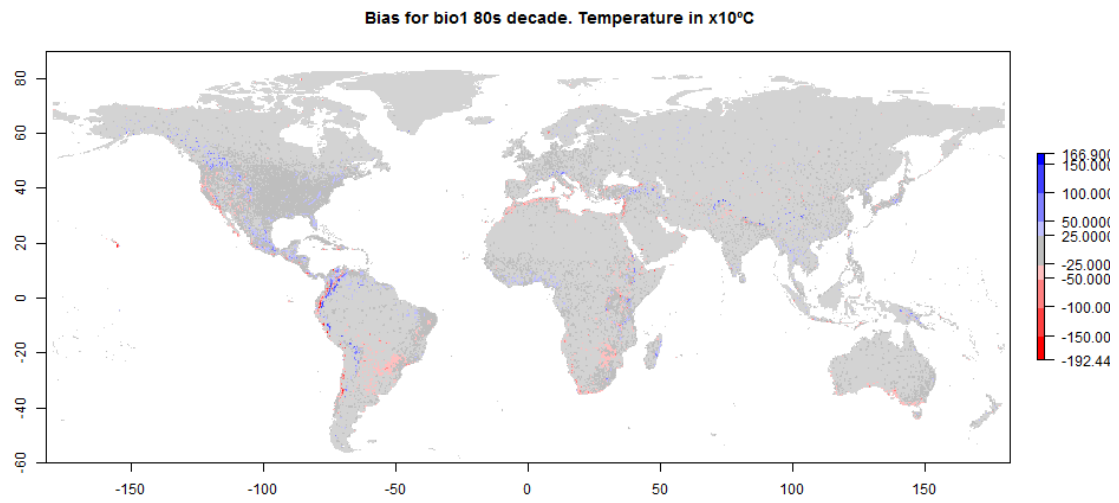
Supplementary Figure 3: Geographical location of residual outliers (red areas) from the comparison of MERRAclim vs WorldClim for each temperature – related bioclimatic variable. Black areas represent the area of comparison.



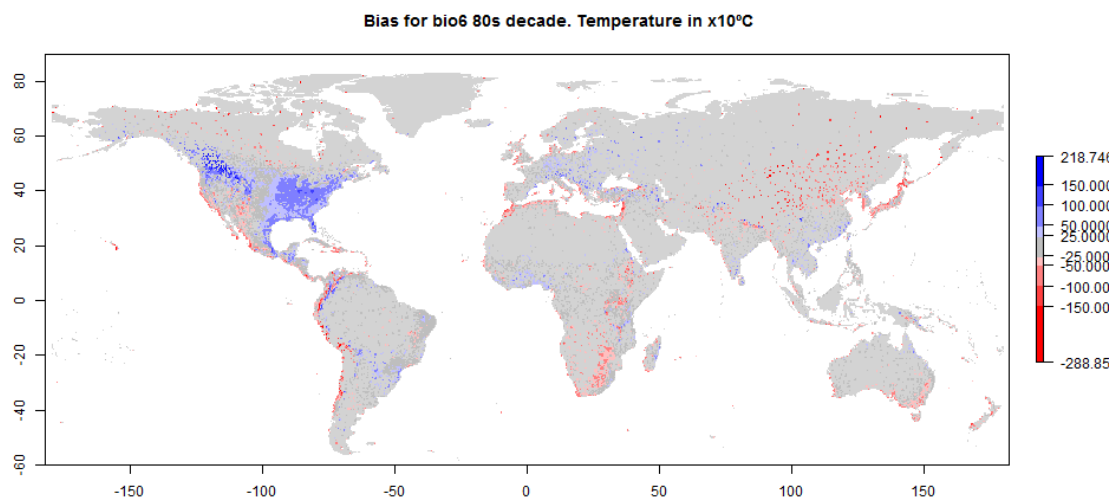
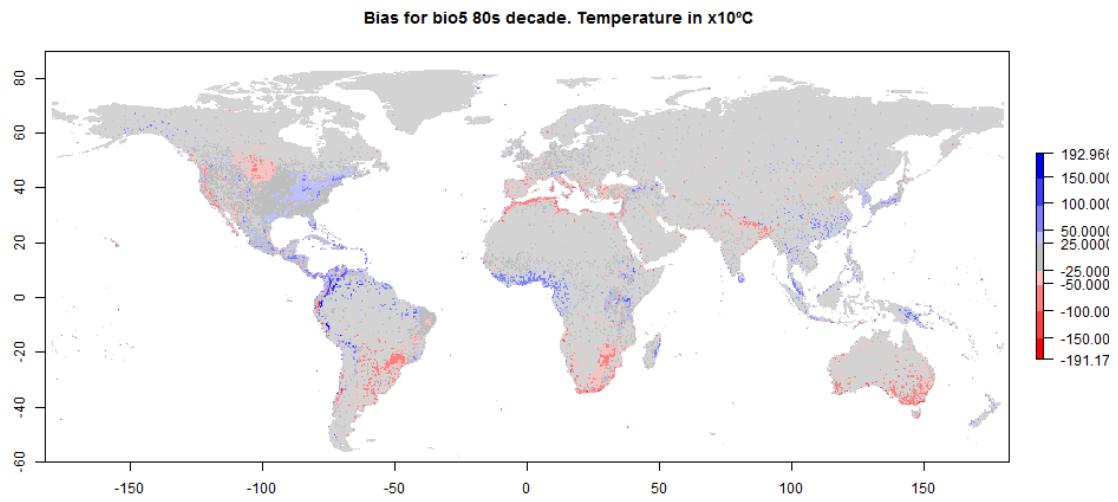
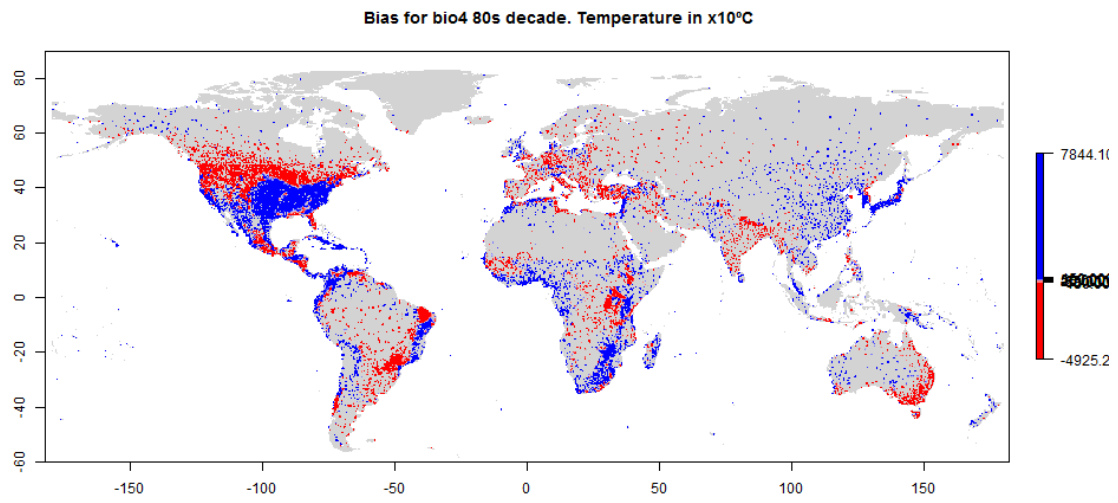
Supplementary Figure 4: Geographical location of residual outliers (red areas) from the comparison of MERRAclim vs WorldClim for each water – related bioclimatic variable. Black areas represent the area of comparison.



Supplementary Figure 5: Geographical location of bias for linear regressions from the comparison of MERRAclim vs WorldClim for all the only-temperature bioclimatic variables.

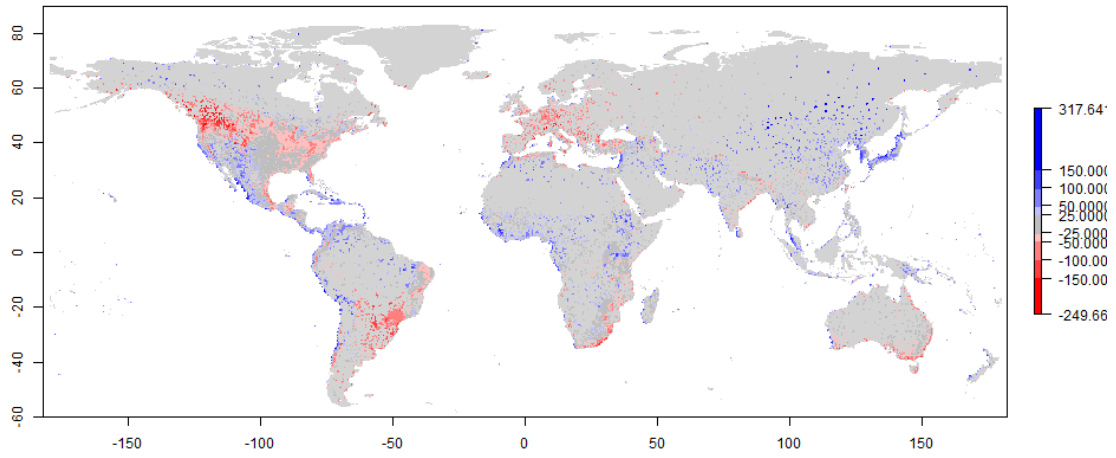


Supplementary Figure 5 (cont.)

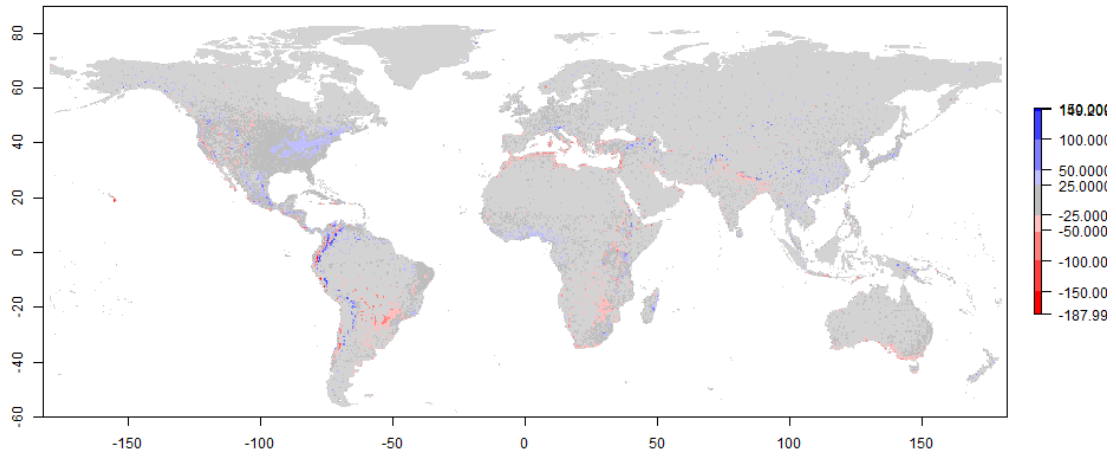


Supplementary Figure 5 (cont.)

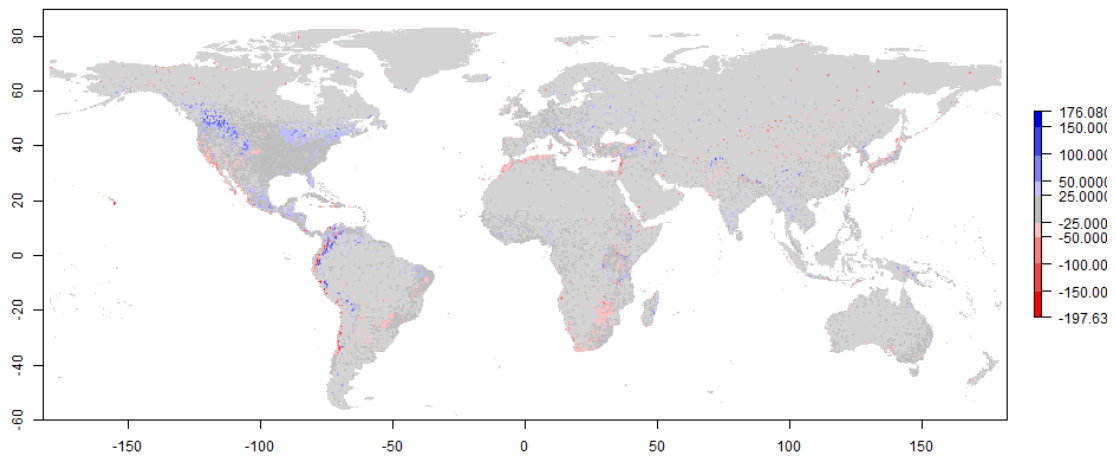
Bias for bio7 80s decade. Temperature in x10°C



Bias for bio10 80s decade. Temperature in x10°C

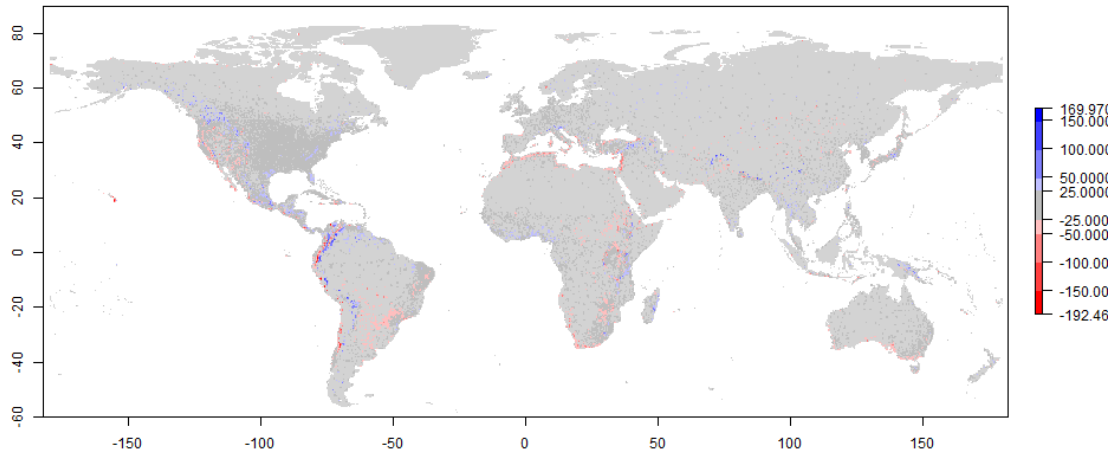


Bias for bio11 80s decade. Temperature in x10°C

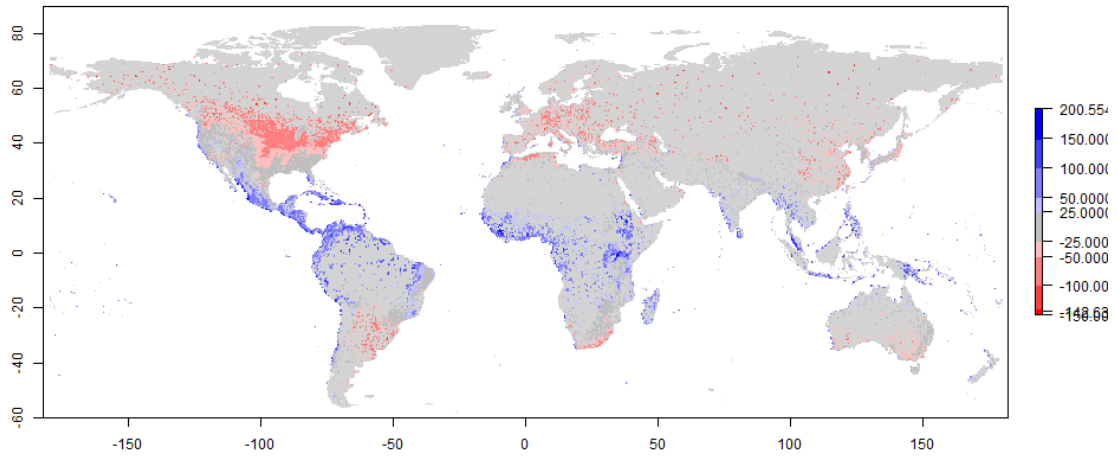


Supplementary Figure 5 (cont.)

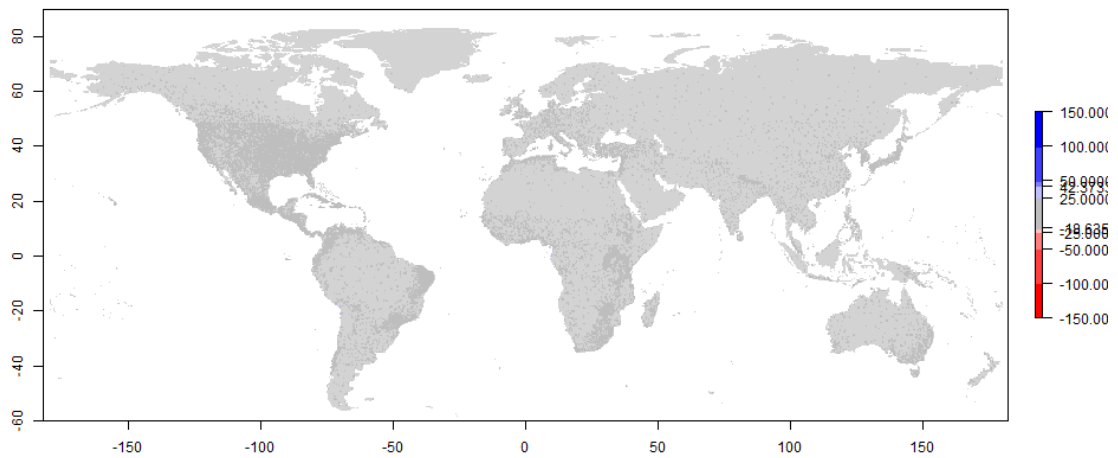
Bias for bio1 90s decade. Temperature in x10°C



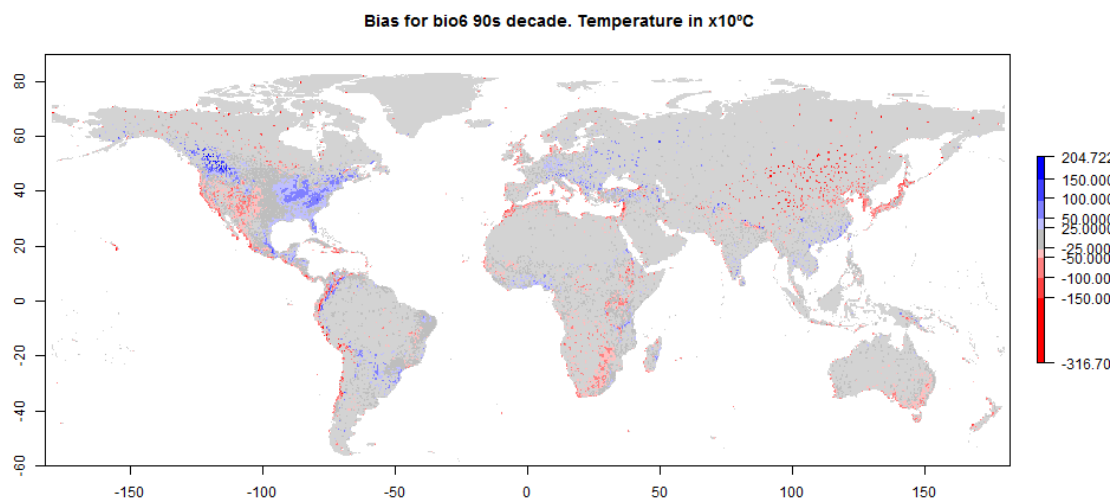
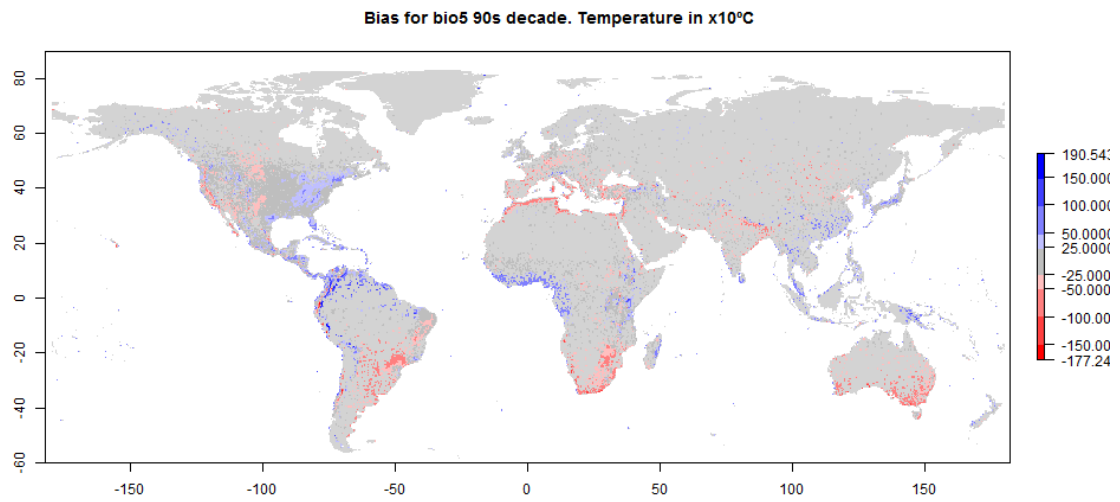
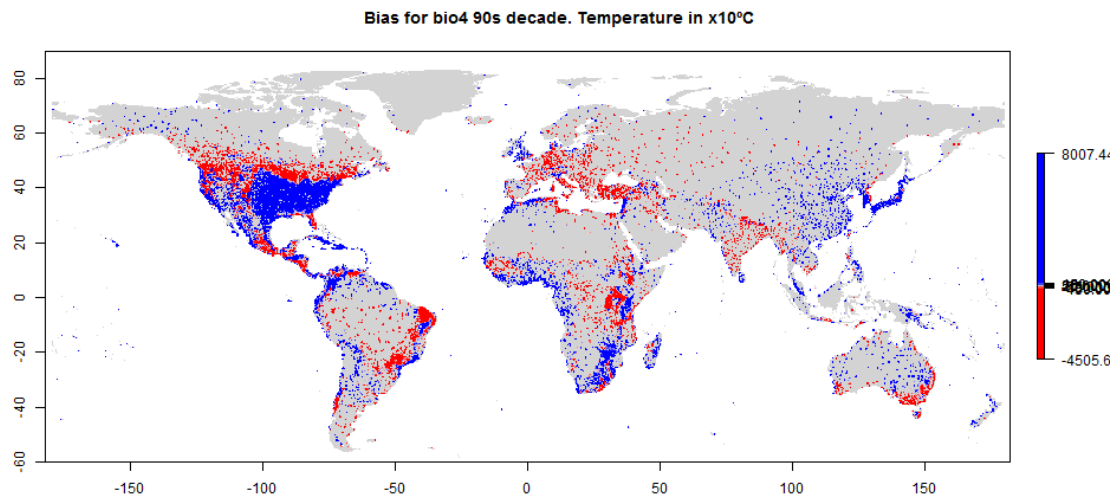
Bias for bio2 90s decade. Temperature in x10°C



Bias for bio3 90s decade. Temperature in x10°C



Supplementary Figure 5 (cont.)



Supplementary Figure 5 (cont.)

