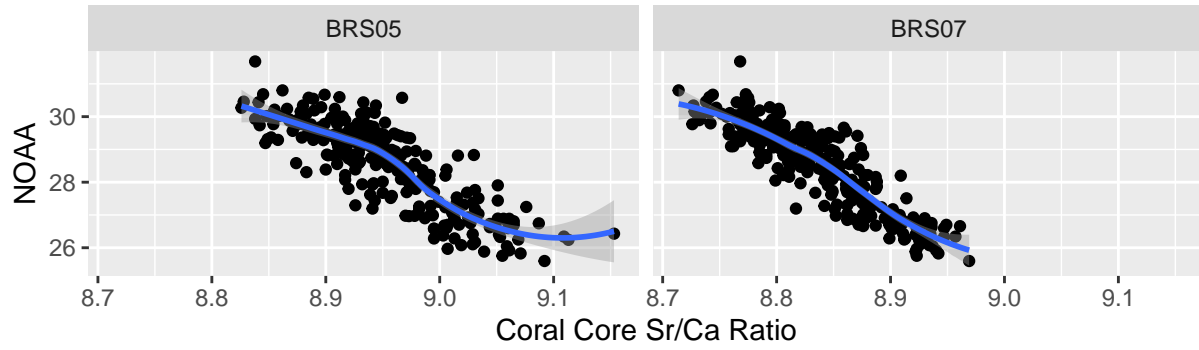


# Coral Core Calibration and Frequency Analysis

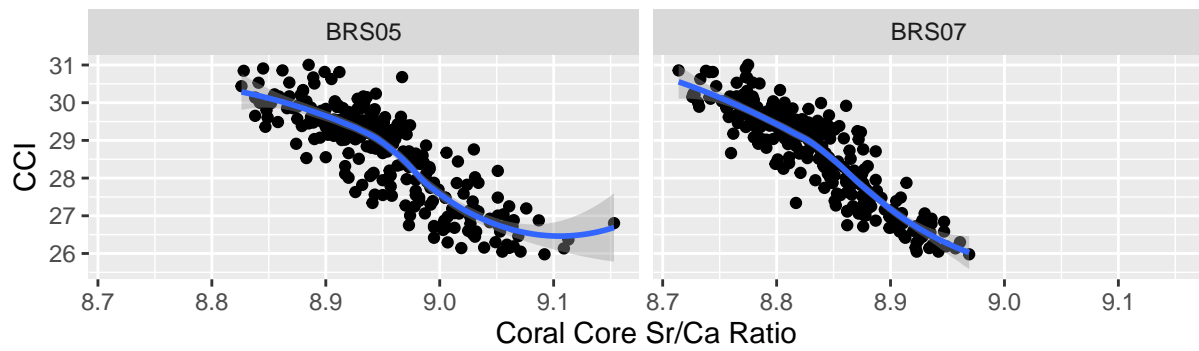
Vanessa Hui Fen Neo

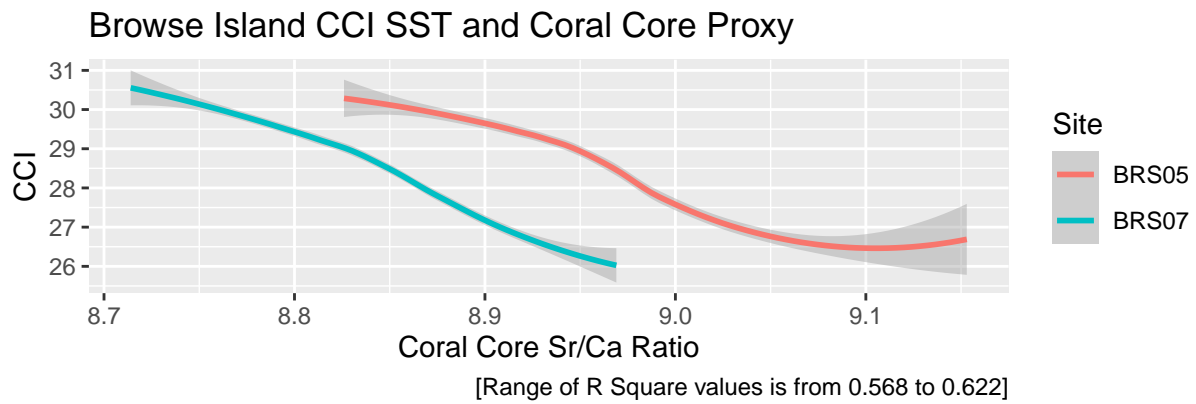
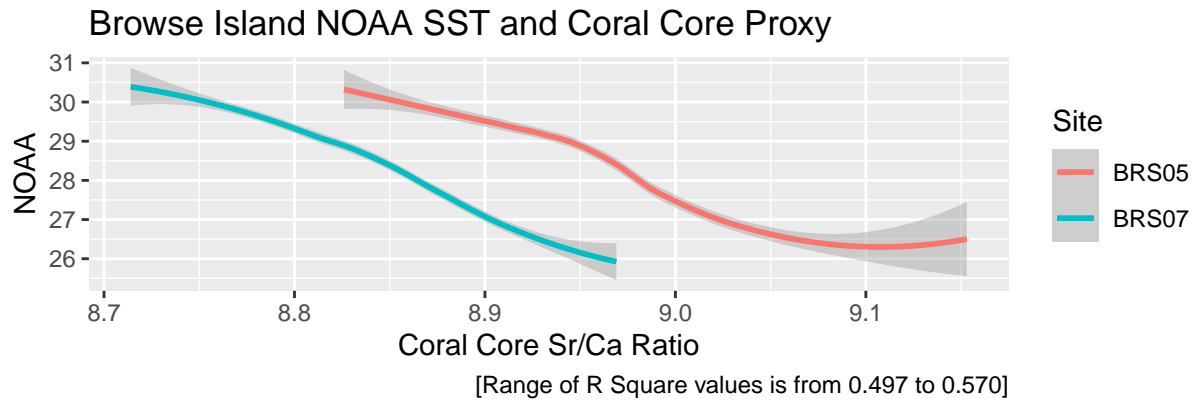
2021-12-22

### Browse Island NOAA SST and Coral Core Proxy

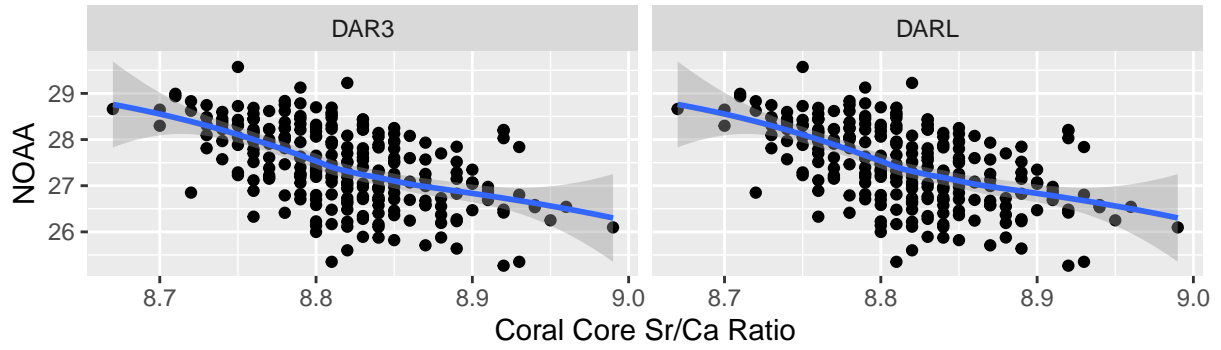


### Browse Island CCI SST and Coral Core Proxy

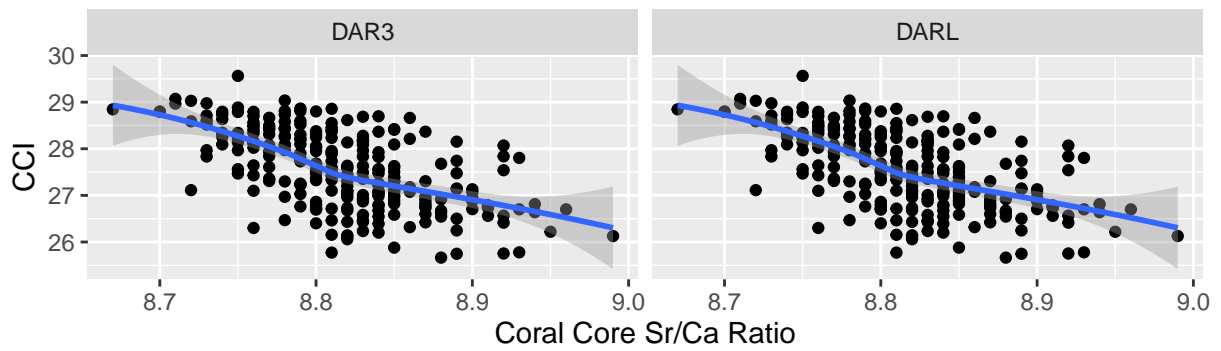


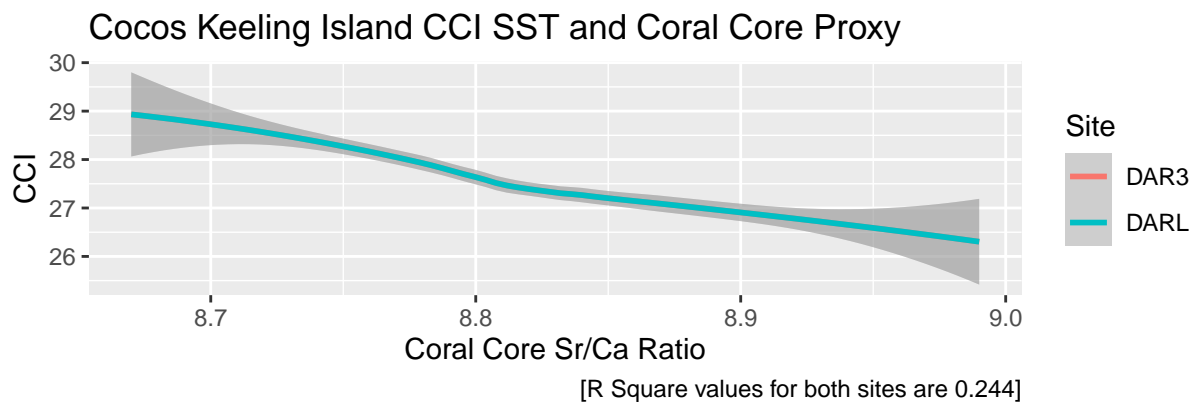
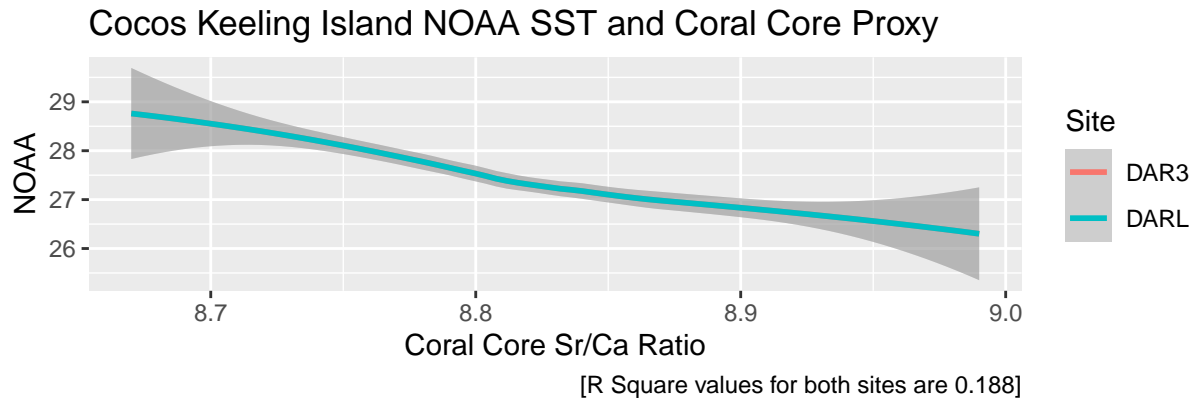


### Cocos Keeling Island NOAA SST and Coral Core Proxy

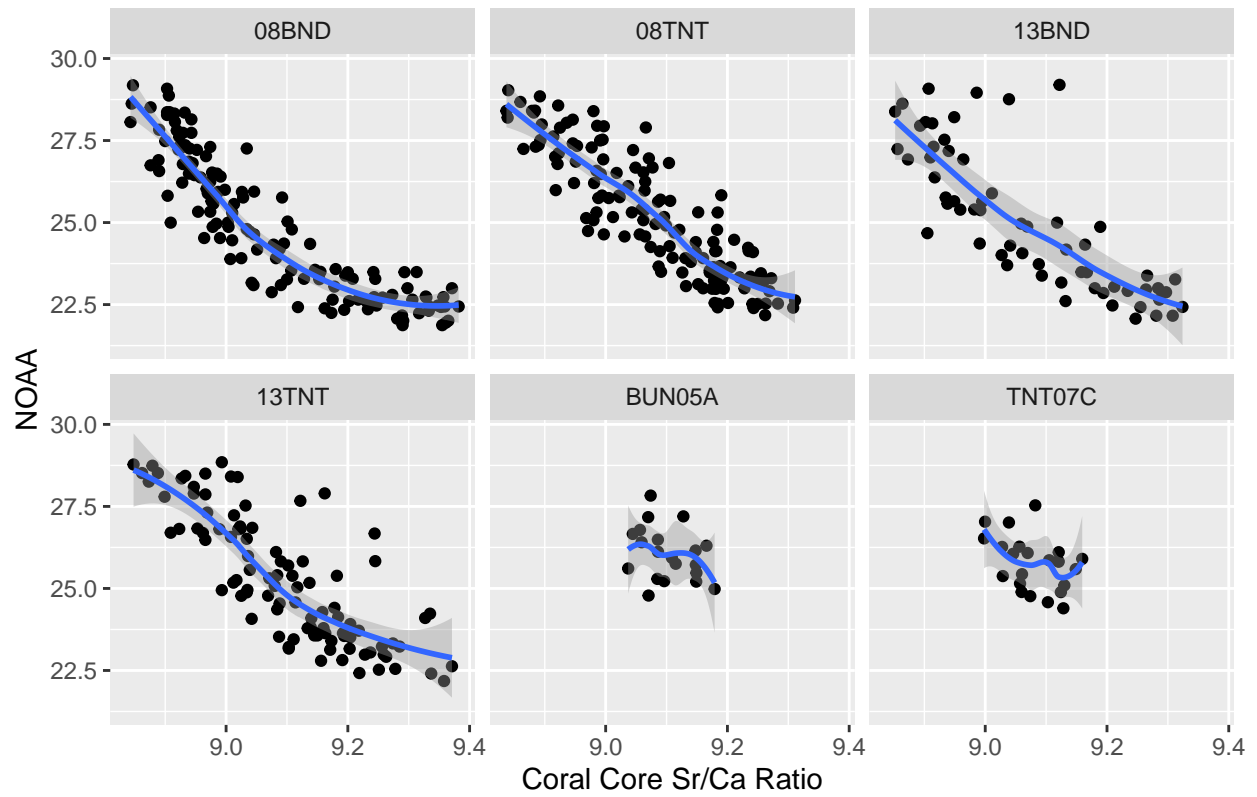


### Cocos Keeling Island CCI SST and Coral Core Proxy

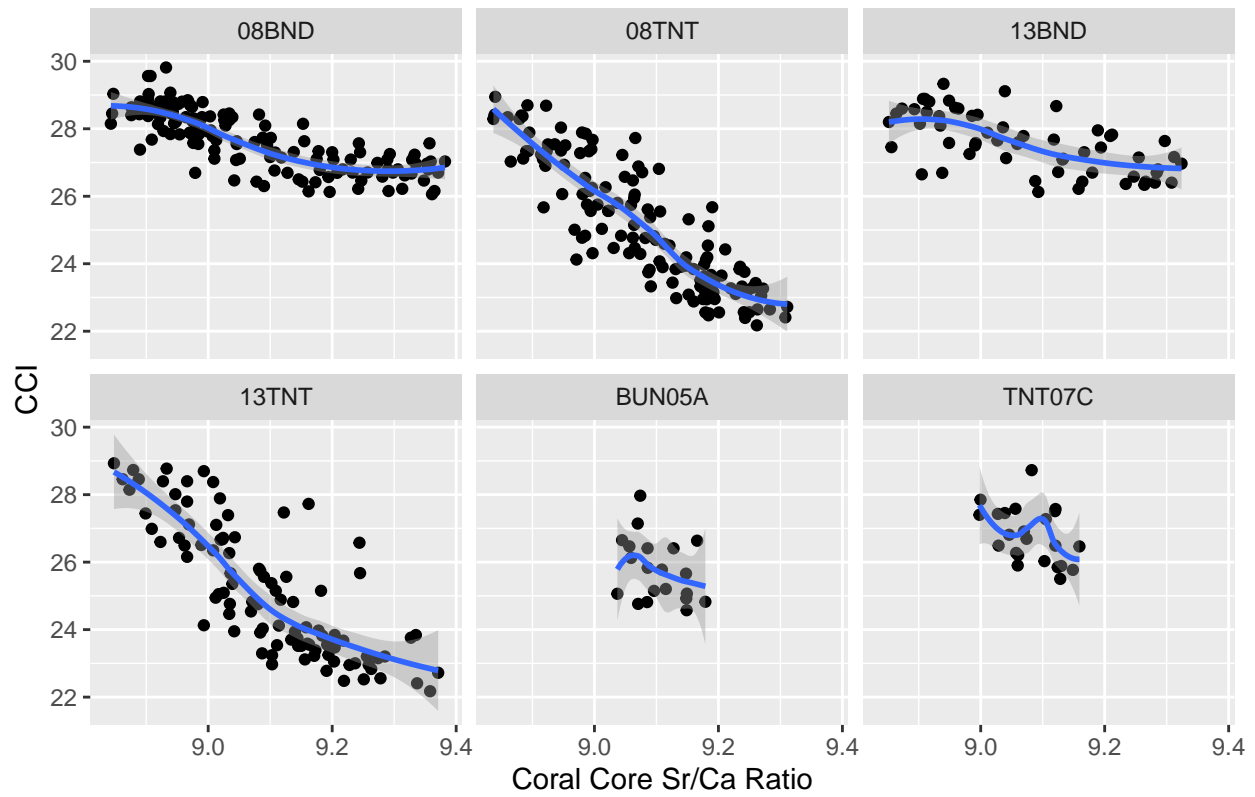


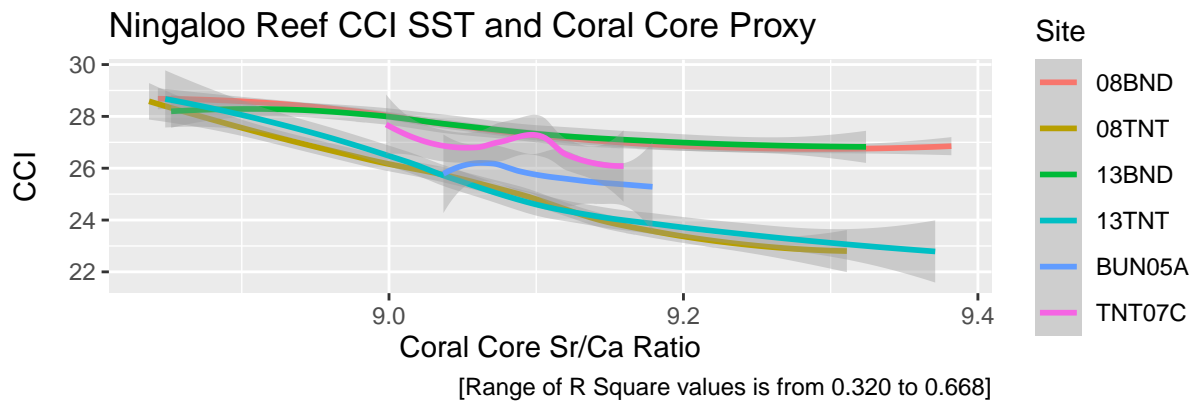
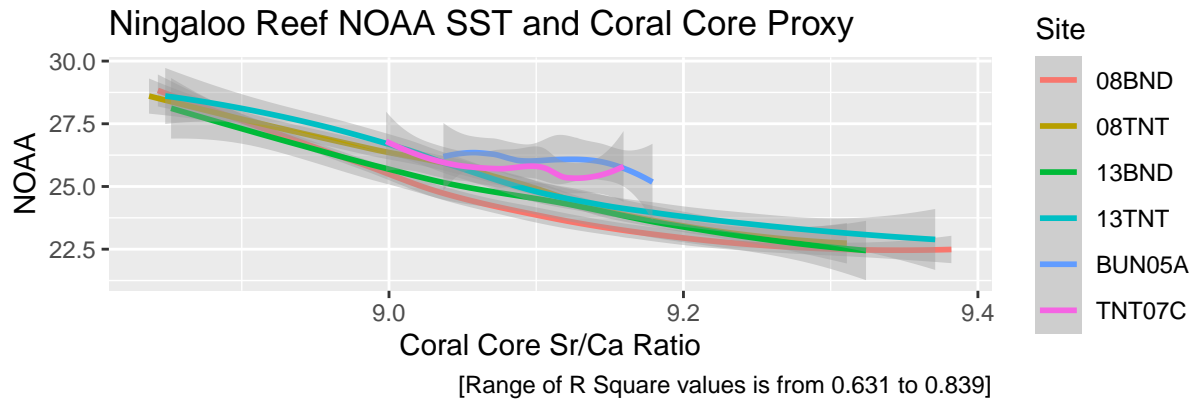


# Ningaloo Reef NOAA SST and Coral Core Proxy



## Ningaloo Reef CCI SST and Coral Core Proxy

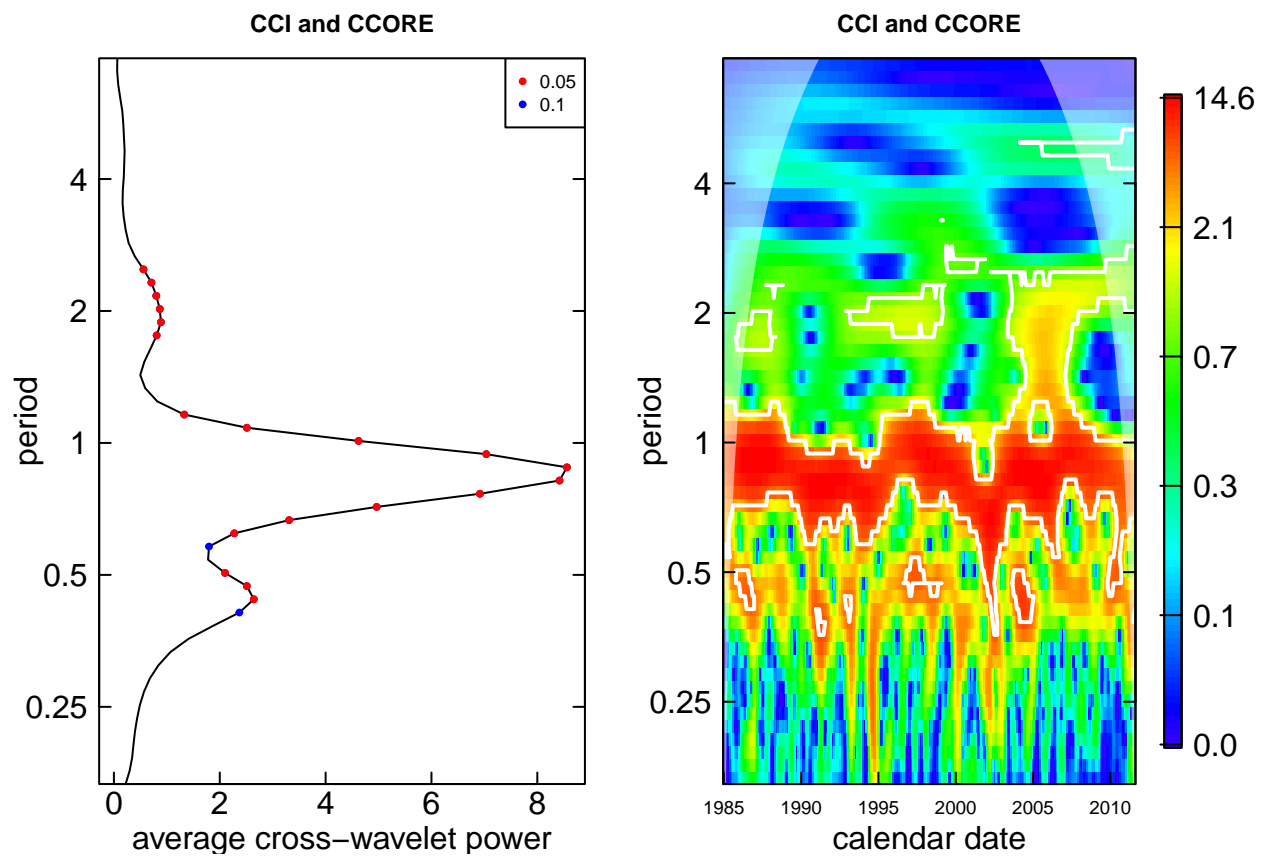




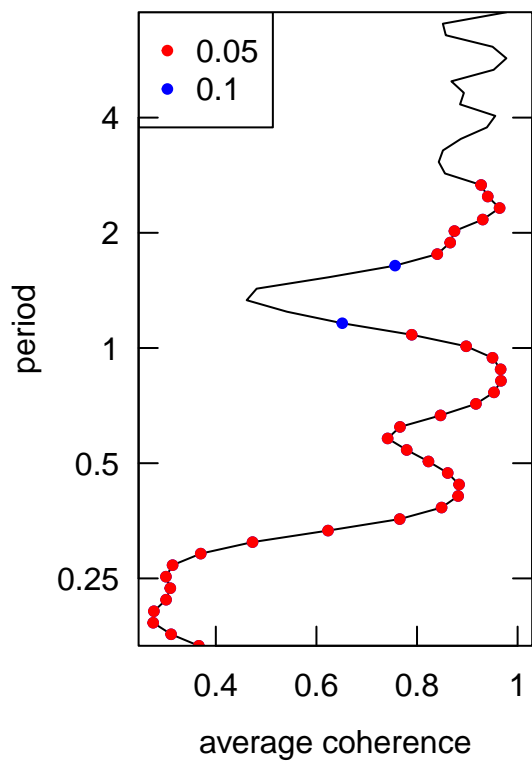


## Frequency Analysis - Spectral Analysis of Time Series for Sr/Ca Coral Proxy sites

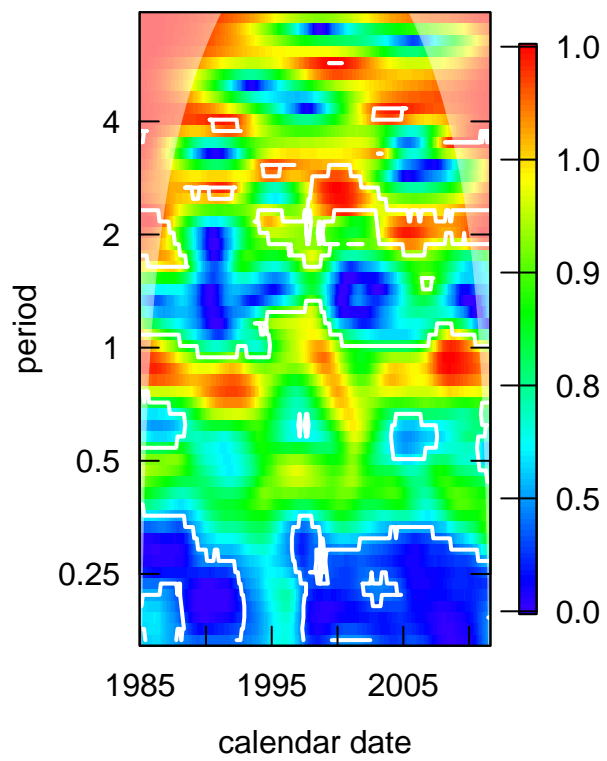
Monthly Coral Core Proxy Sites - Period of 1 represents 1 year



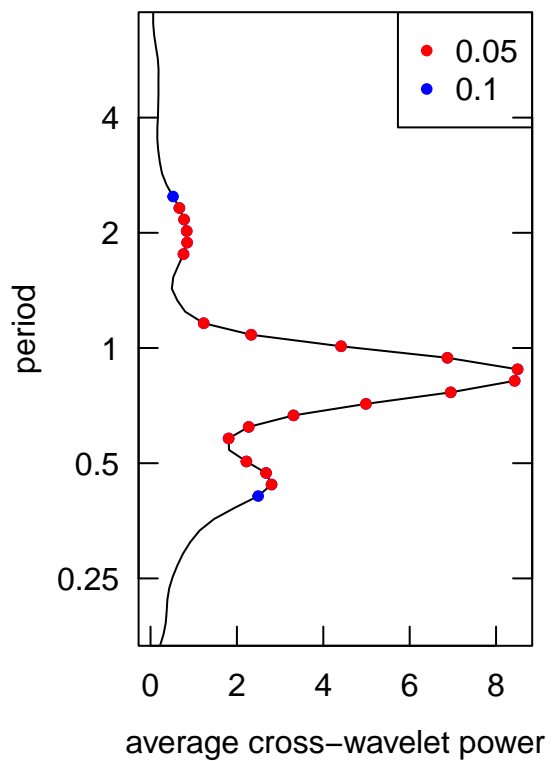
**CCI and Coral Core**



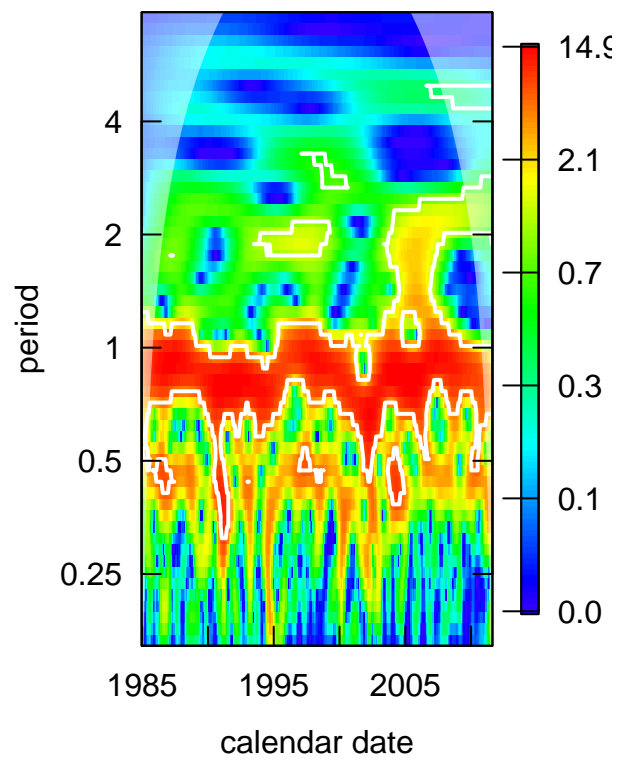
**CCI and CCORE**



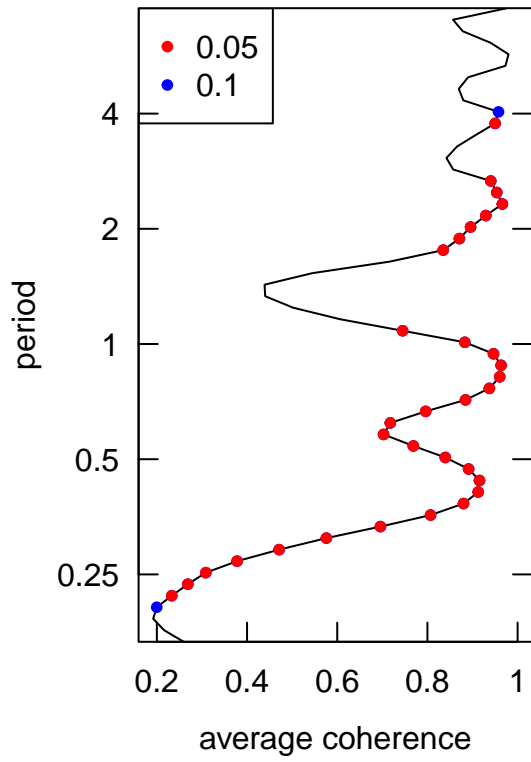
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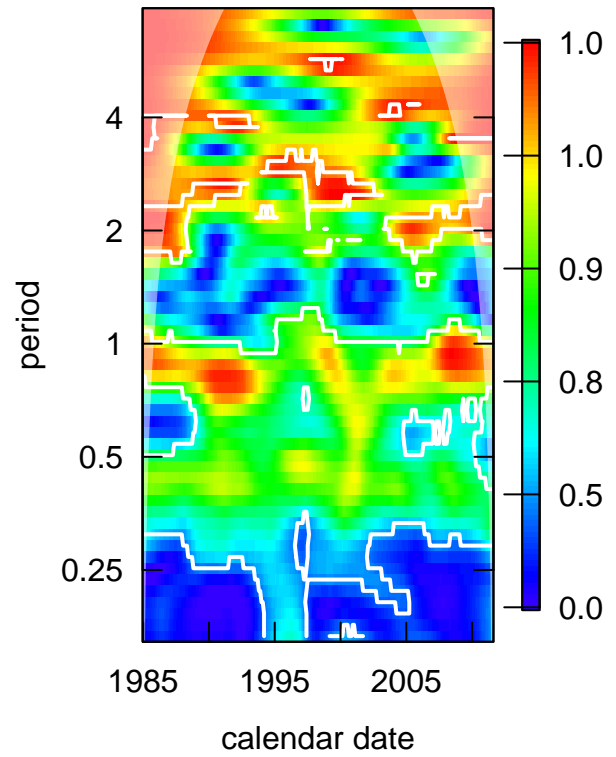
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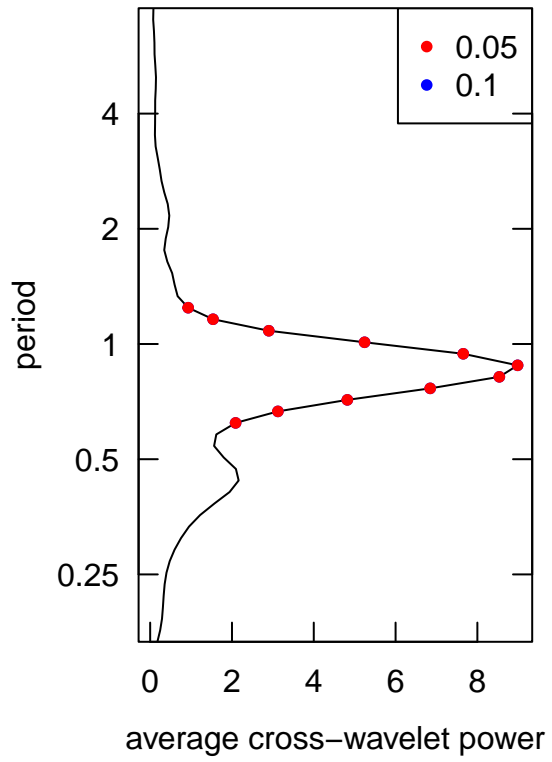
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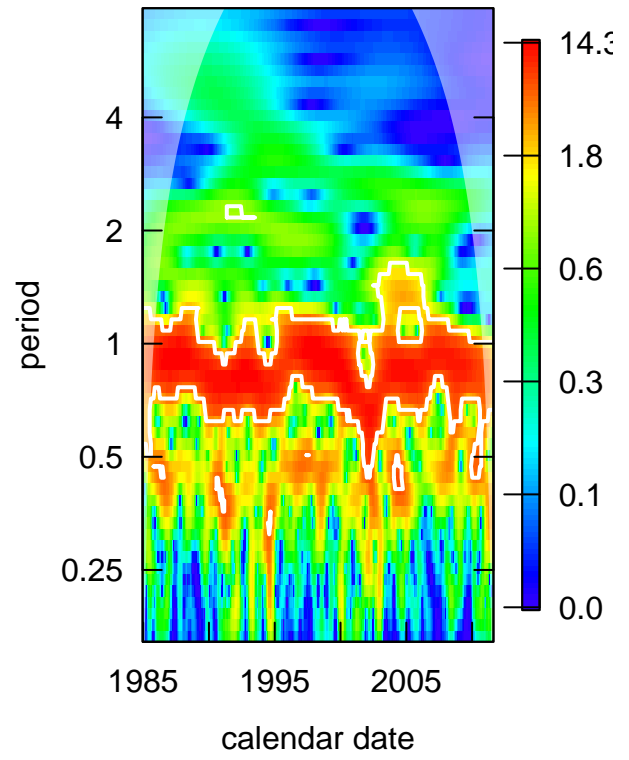
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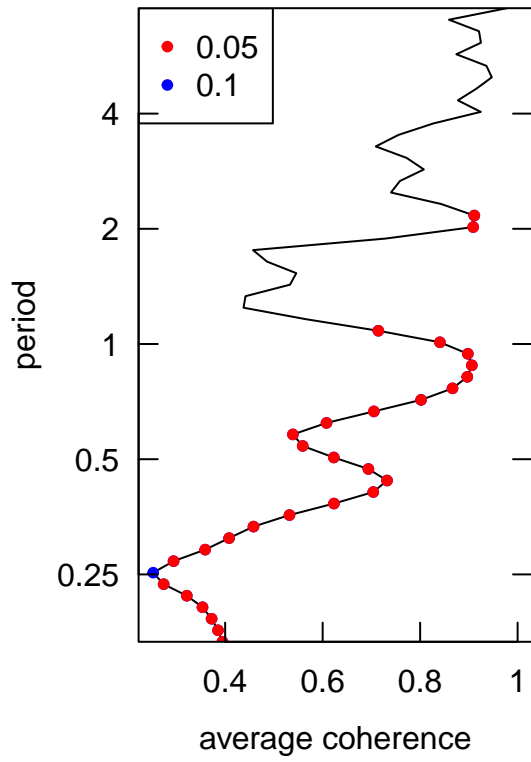
**GCM and CCORE**



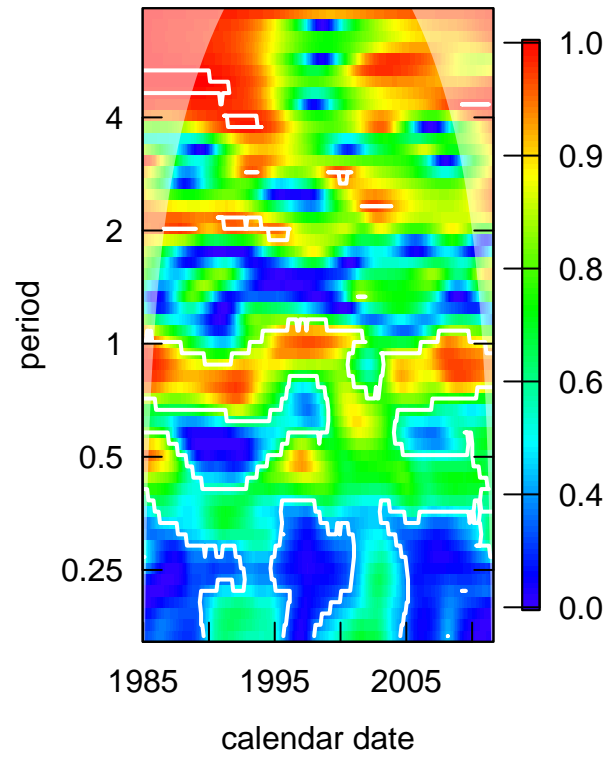
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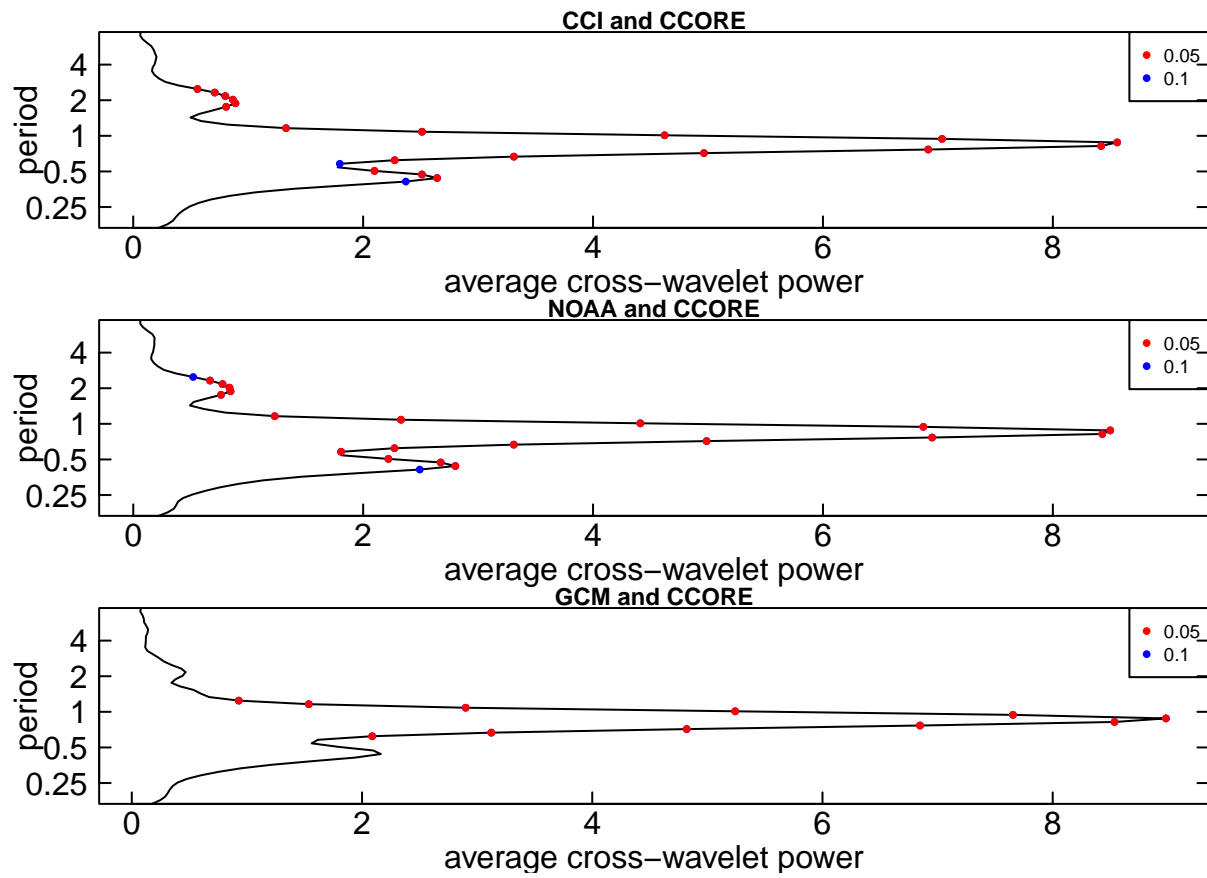
**GCM and Coral Core**

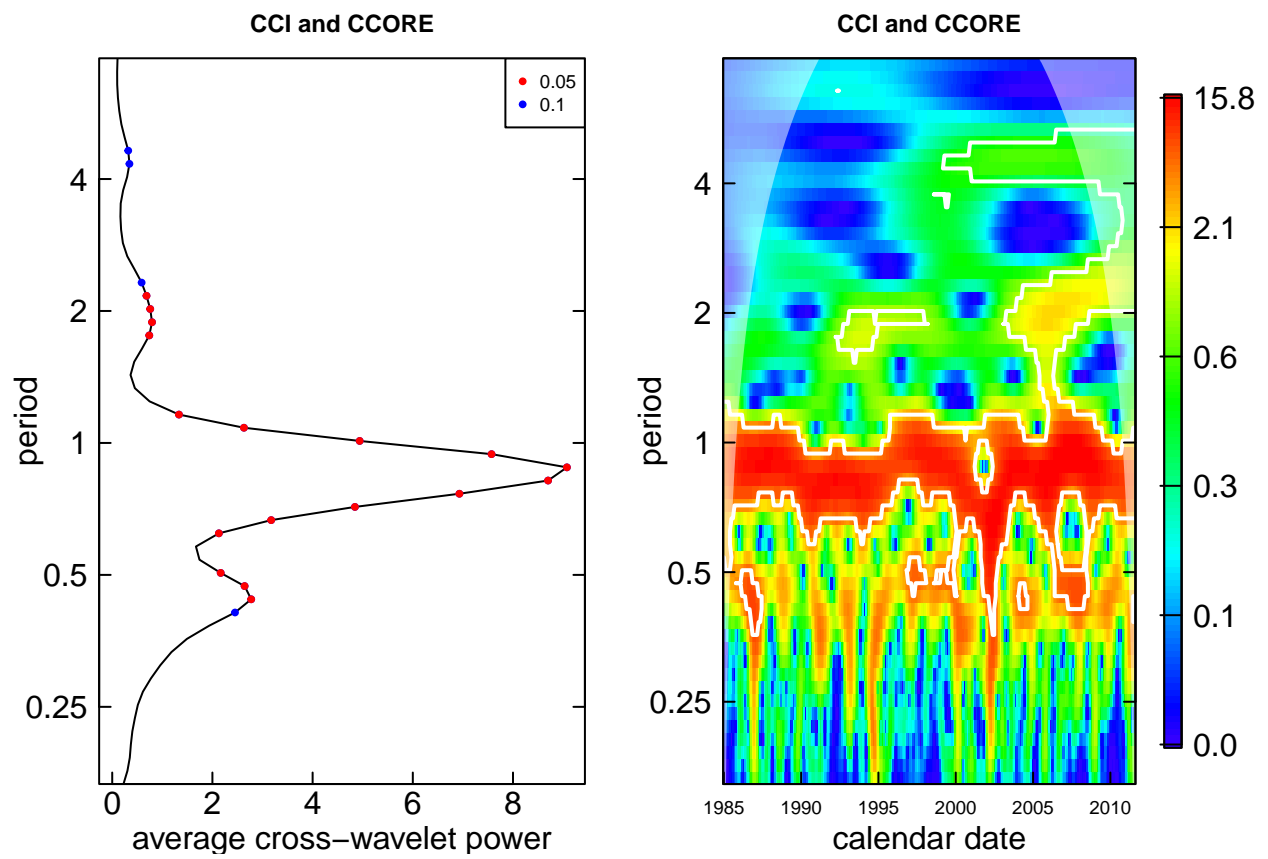


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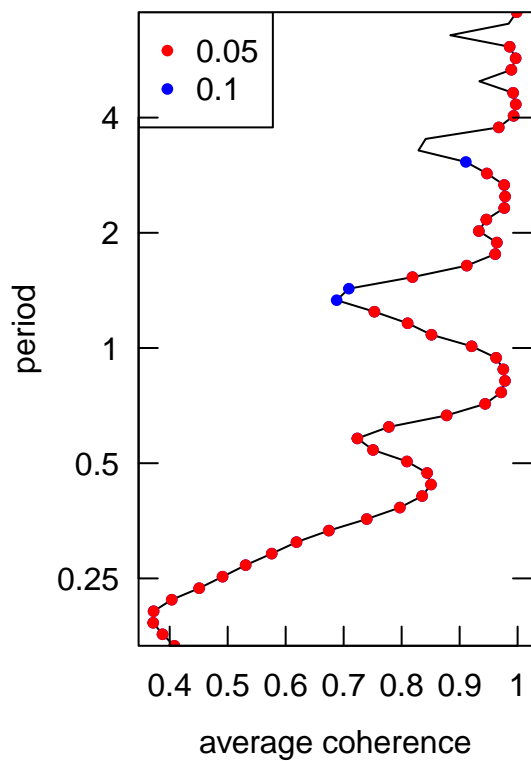




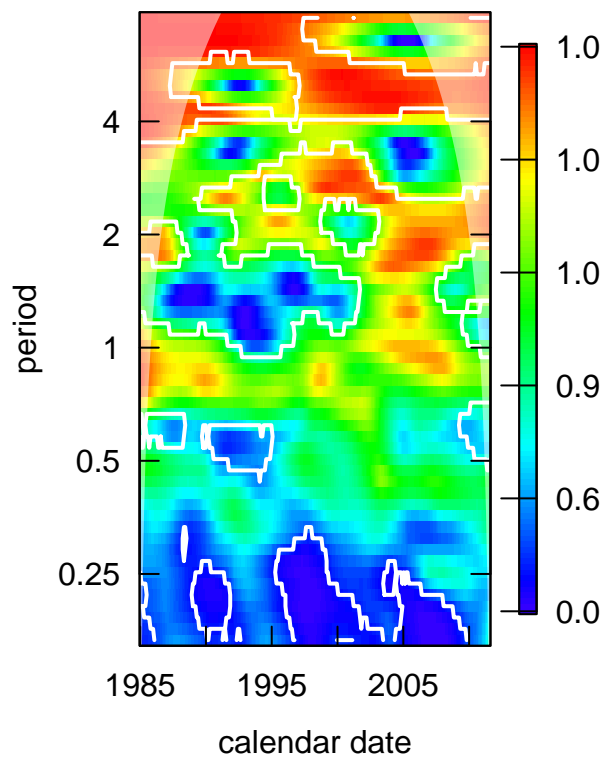




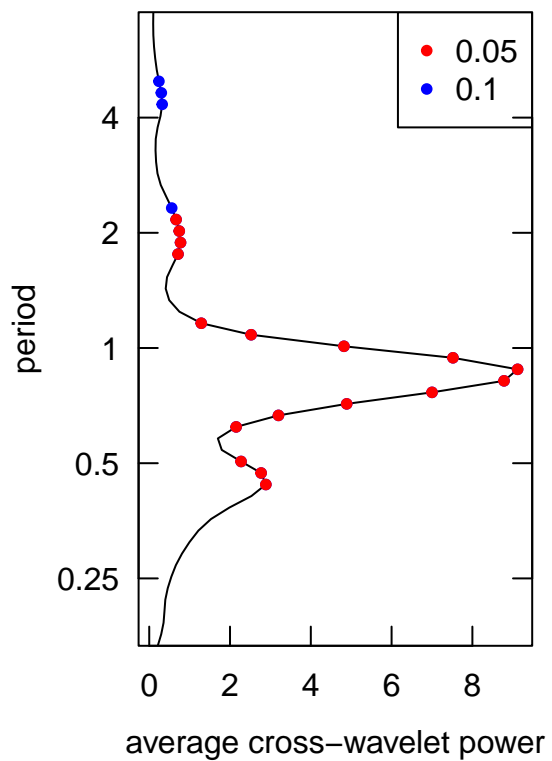
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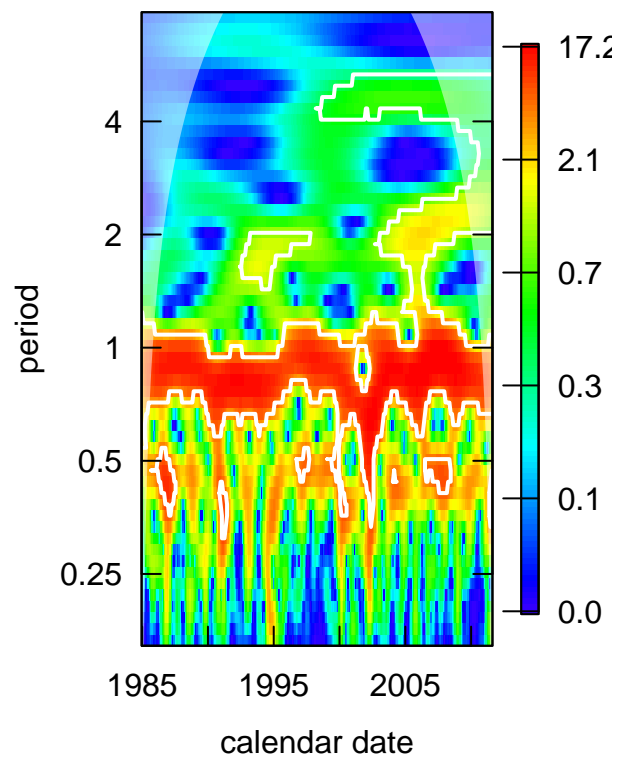
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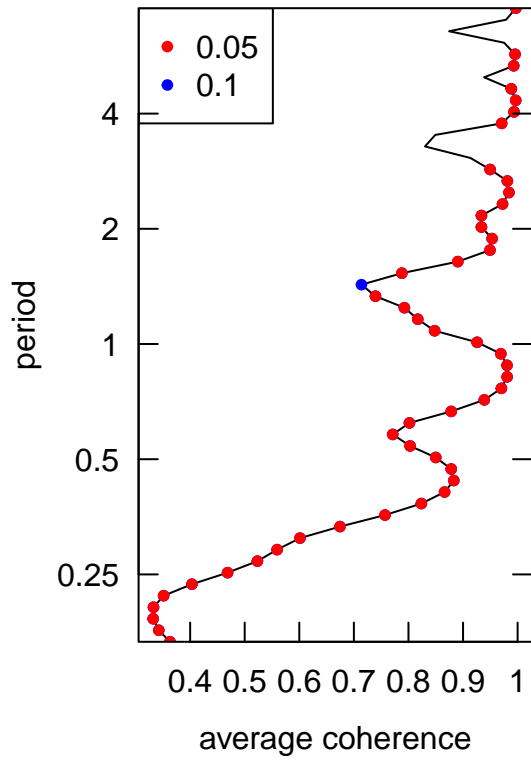
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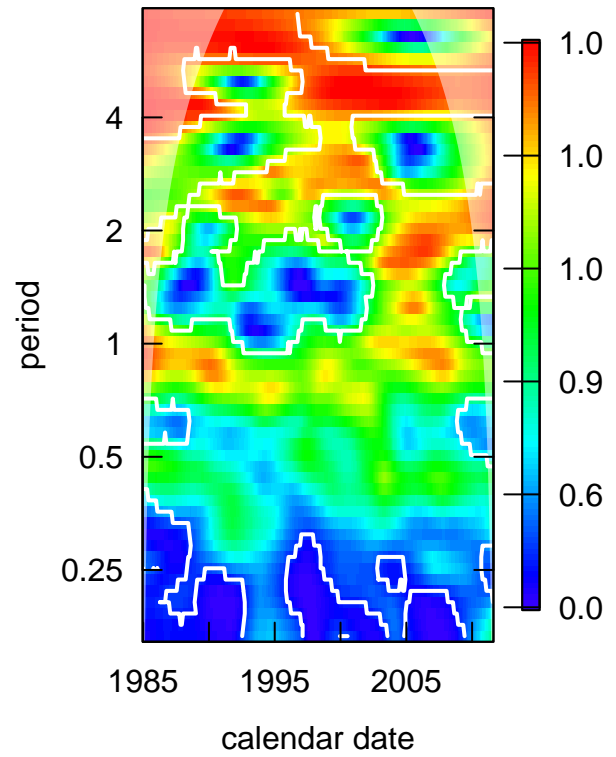
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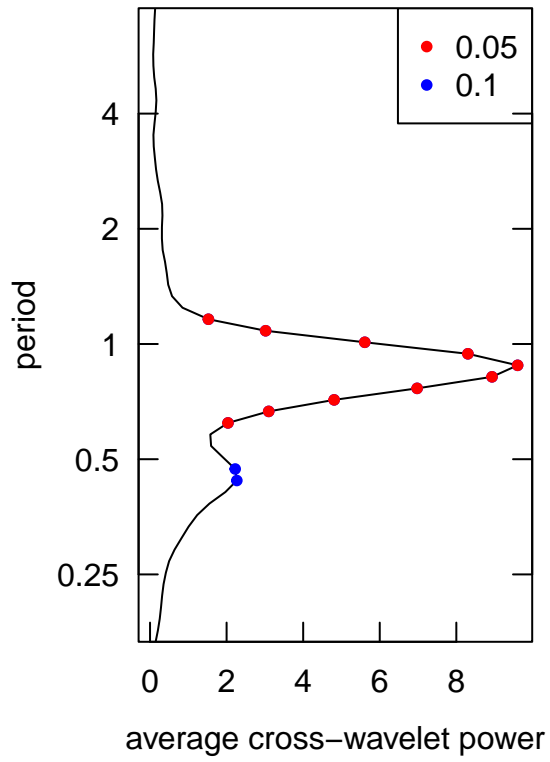
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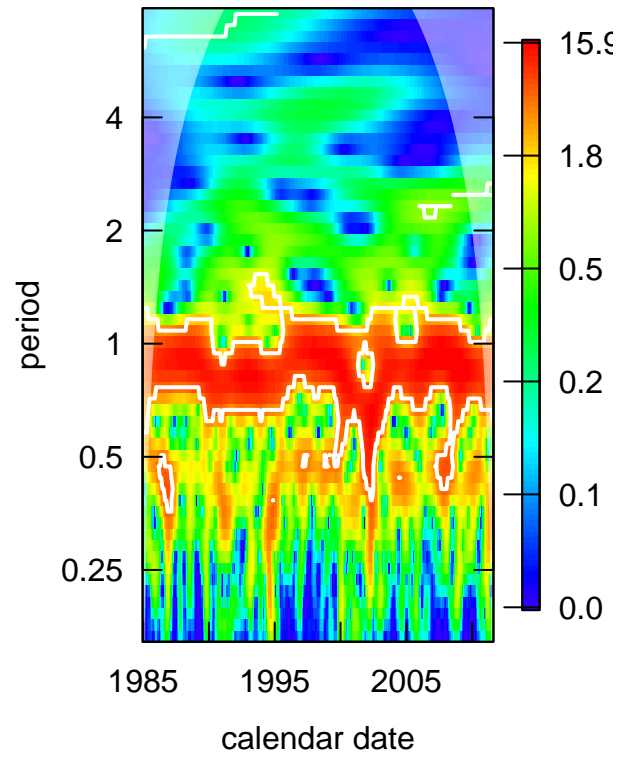
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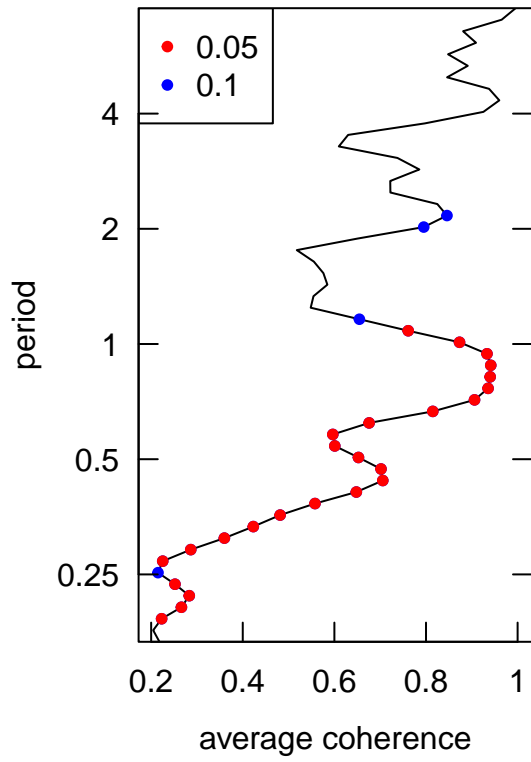
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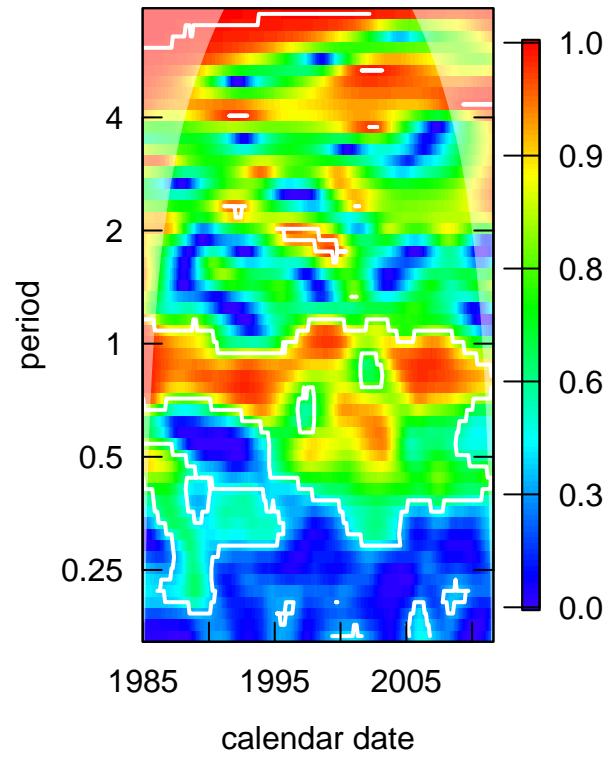
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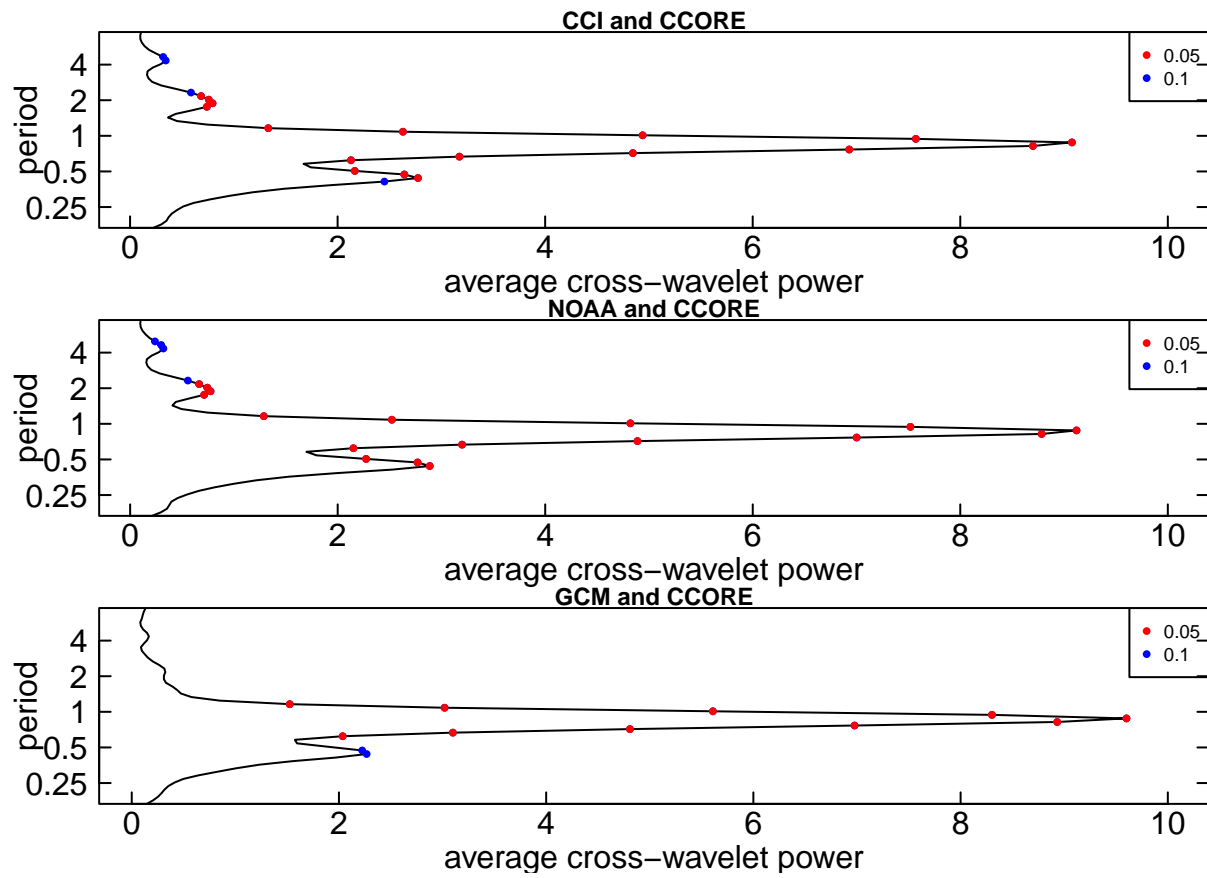


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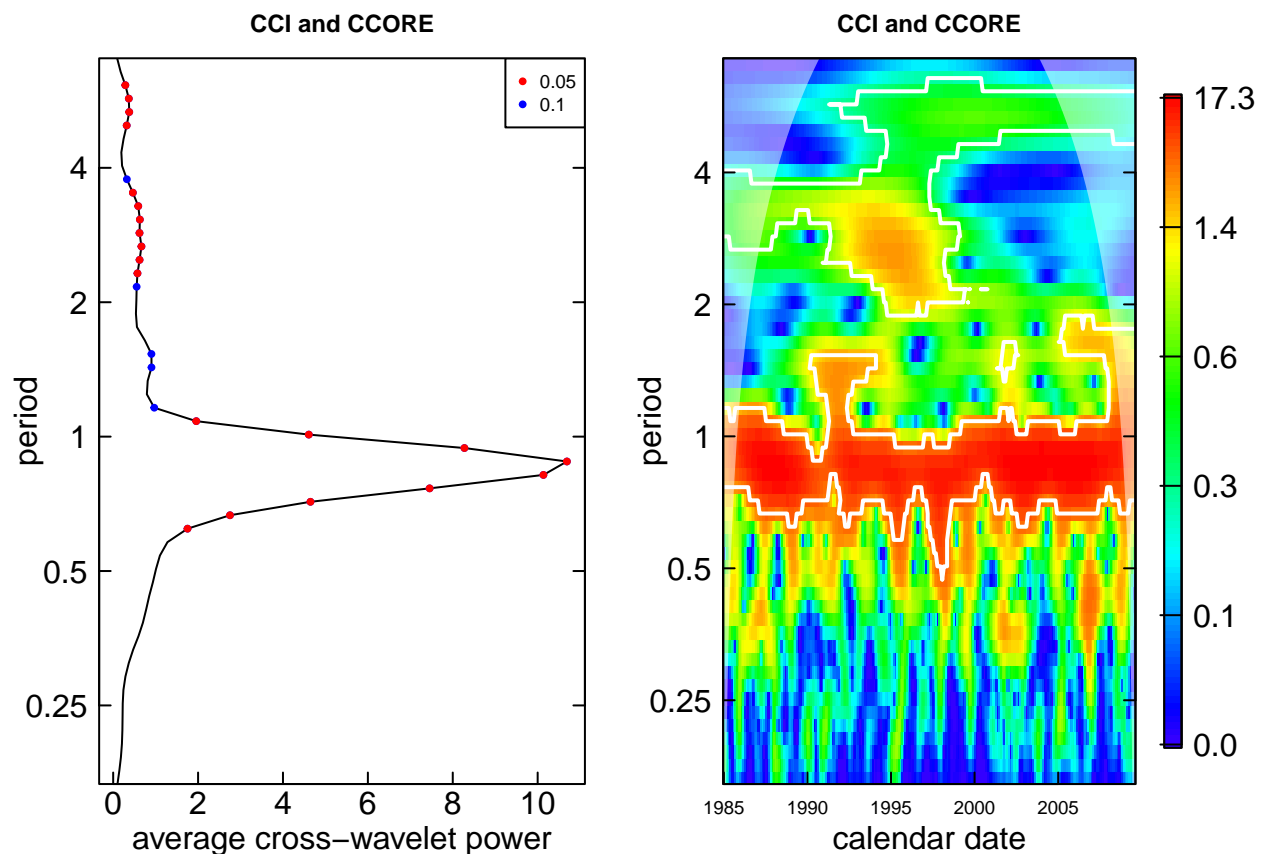
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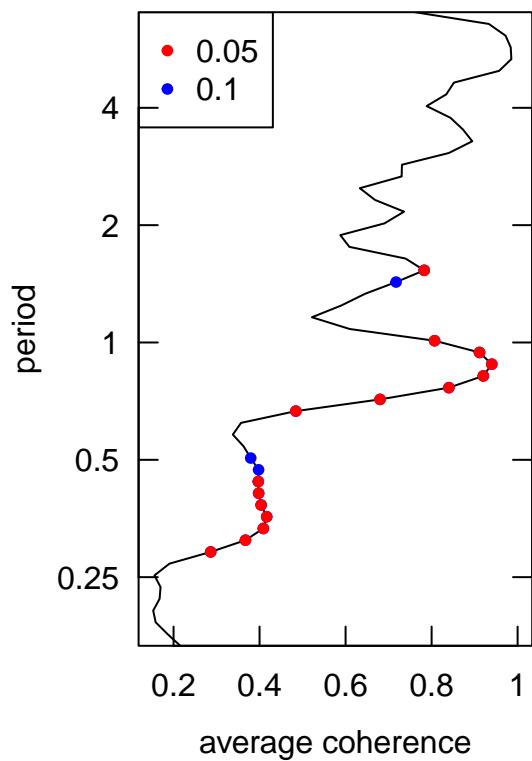




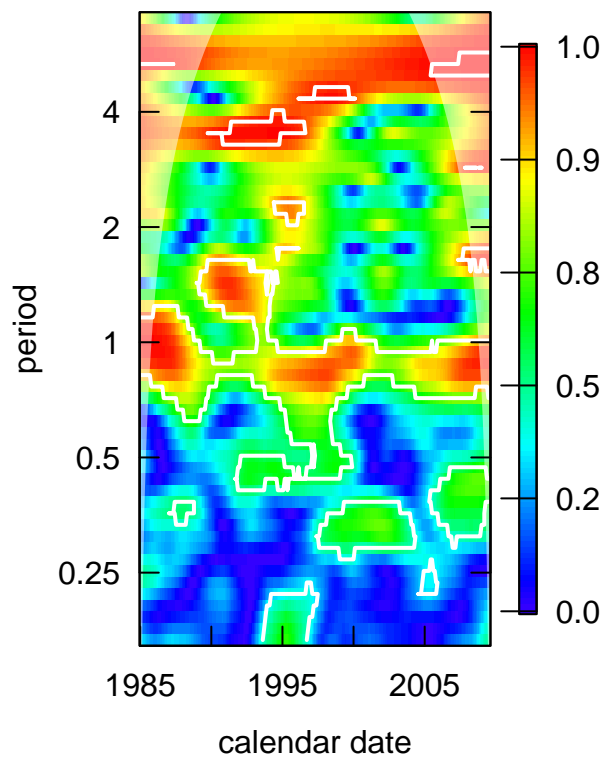
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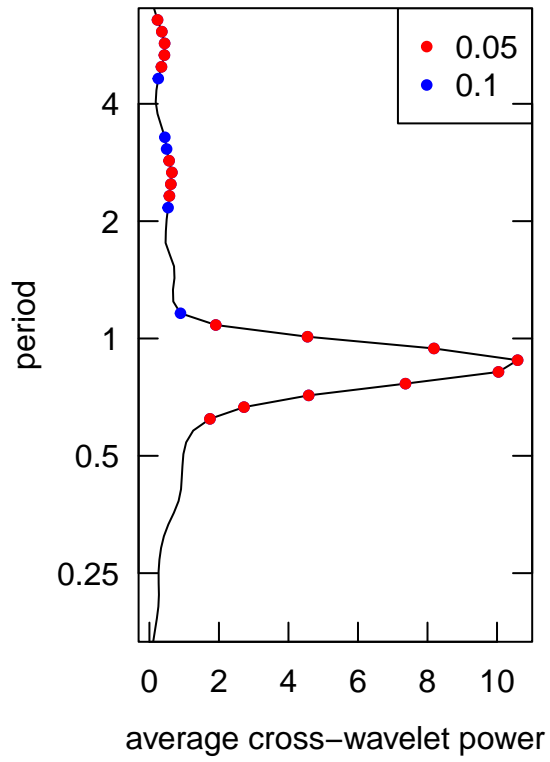
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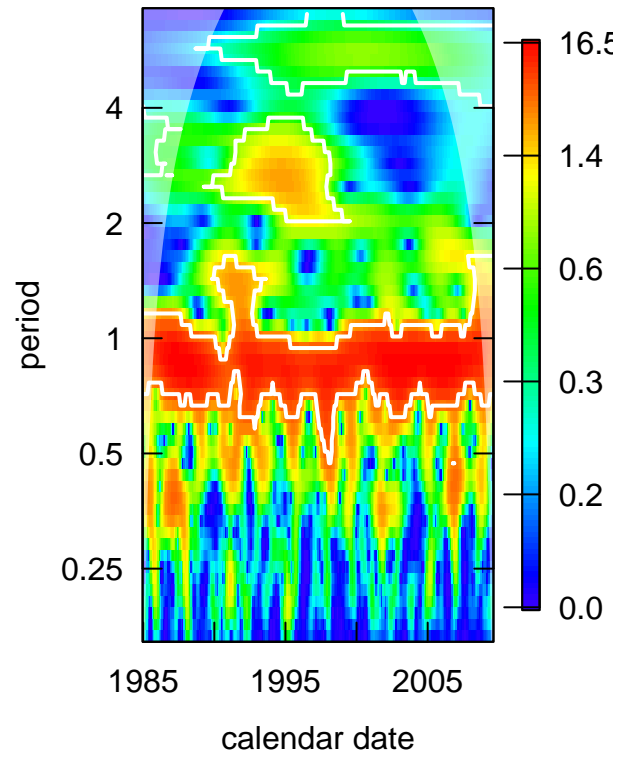
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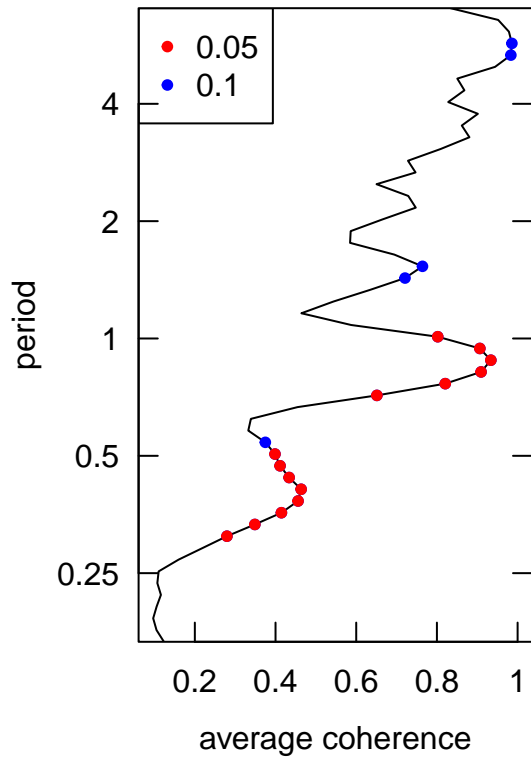
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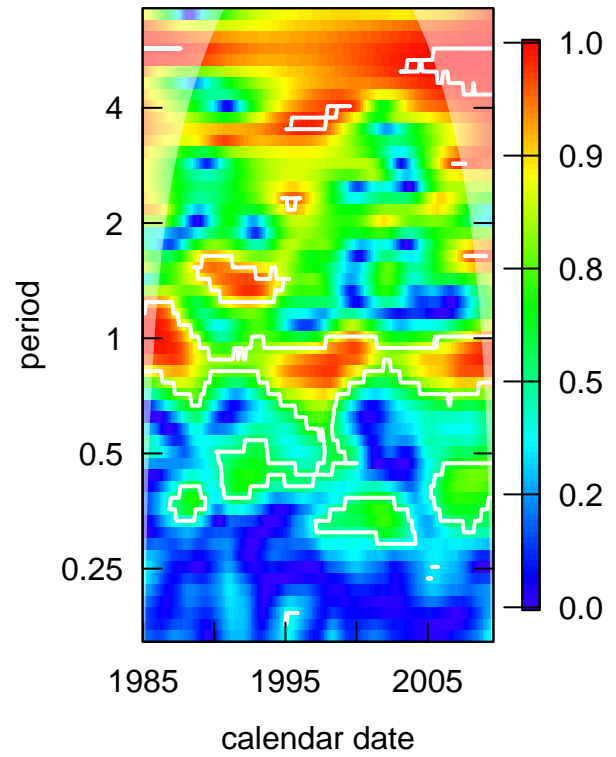
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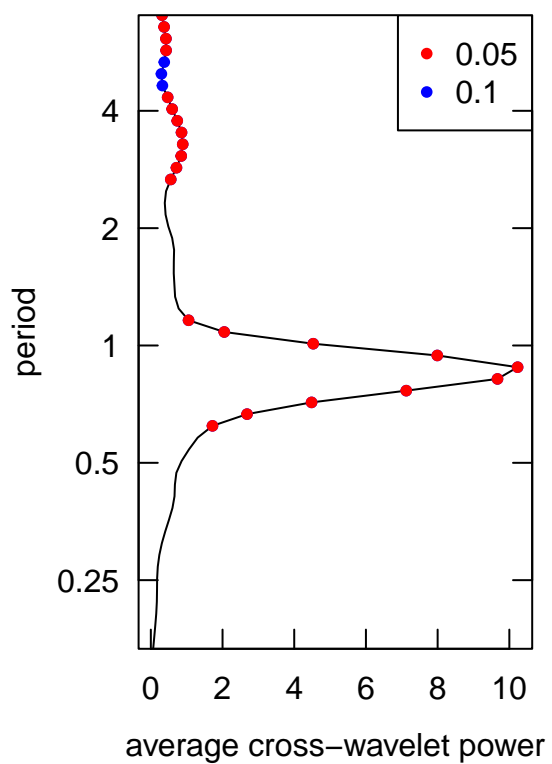
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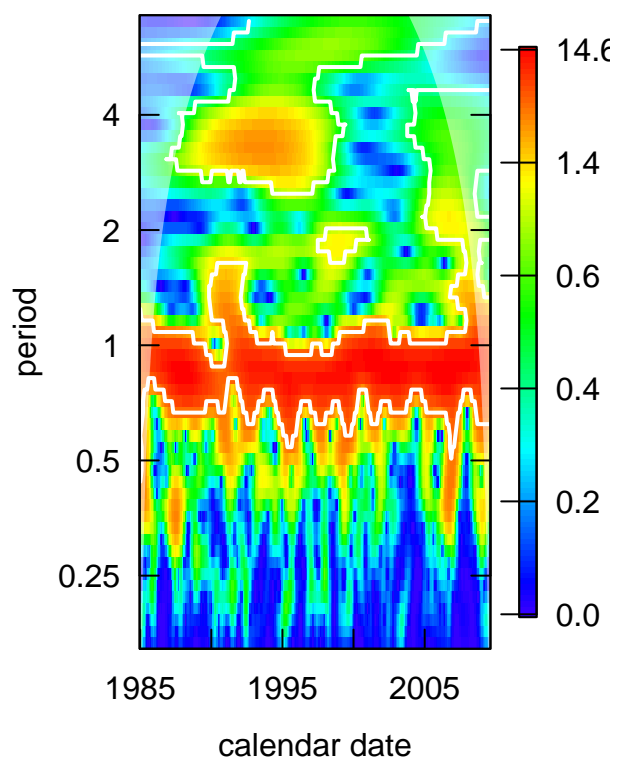
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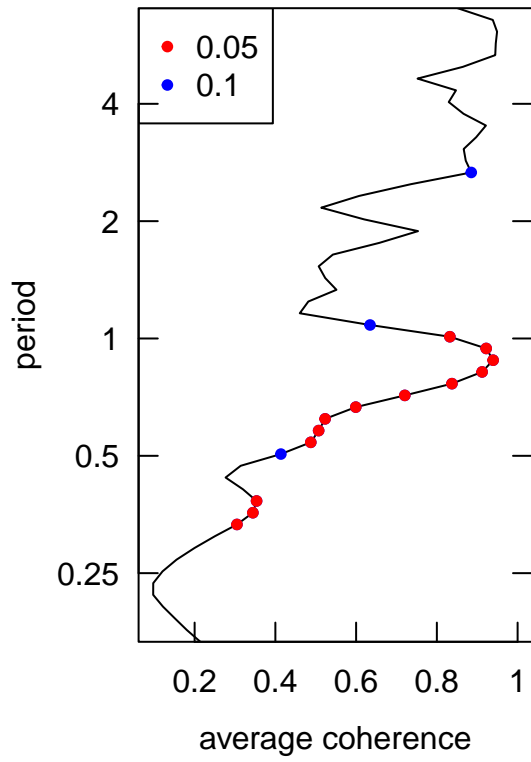
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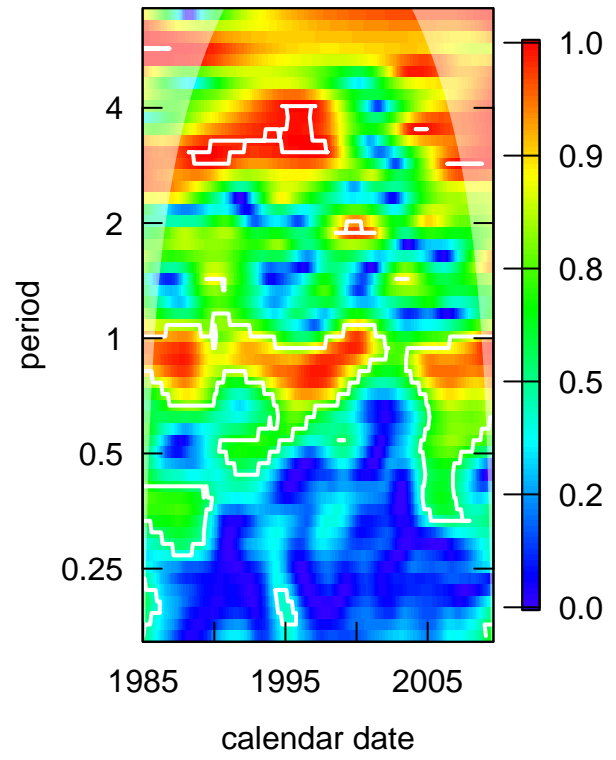
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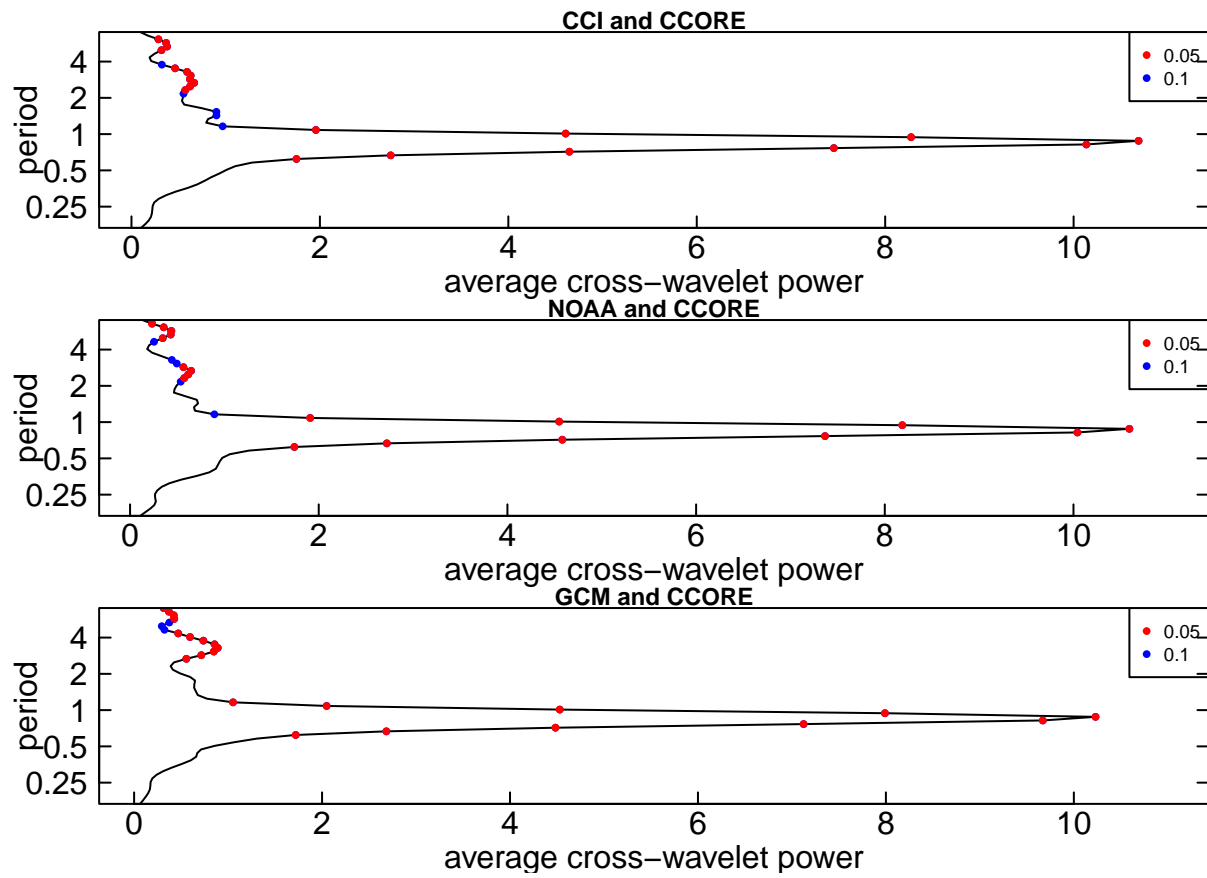


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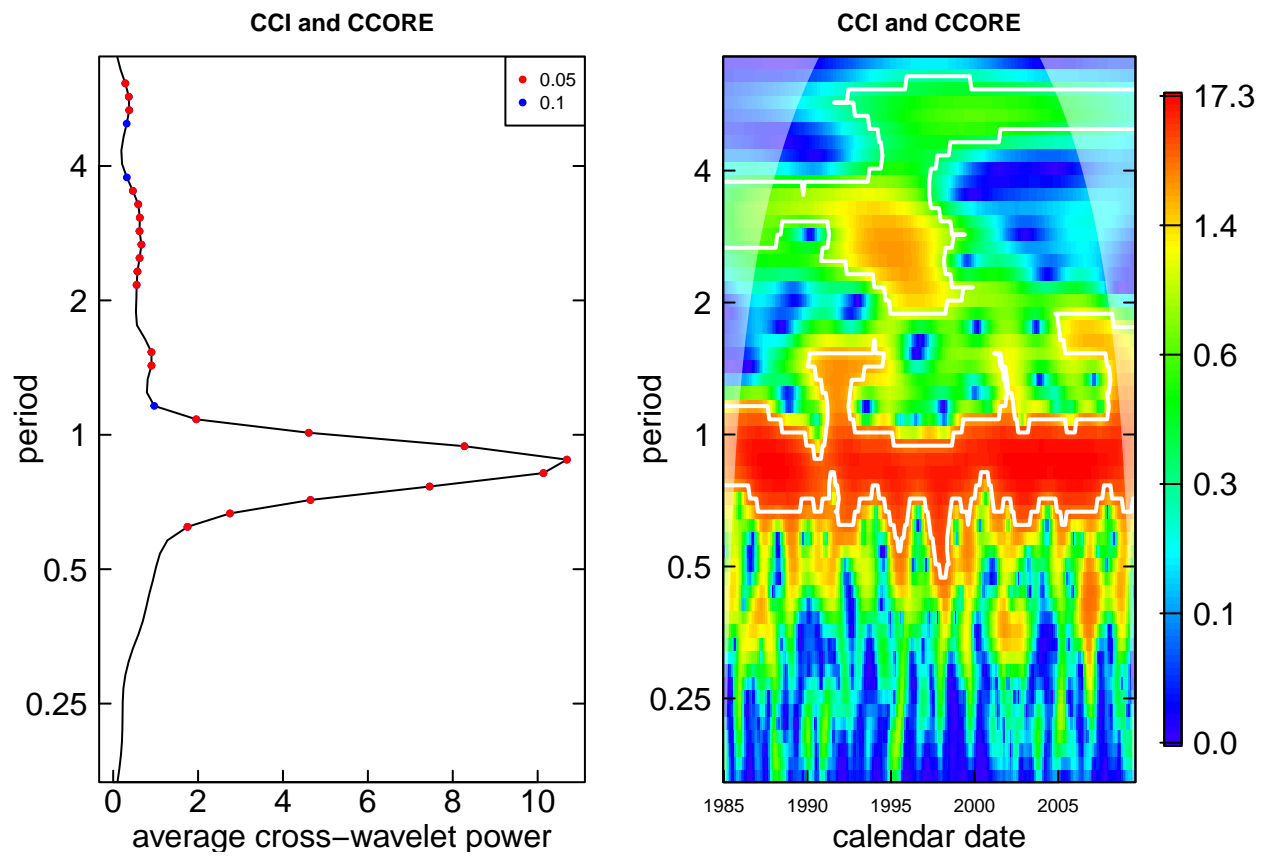


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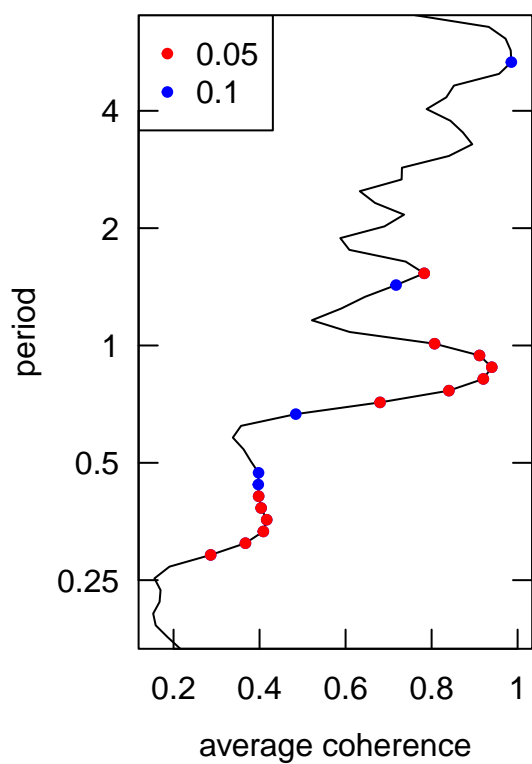


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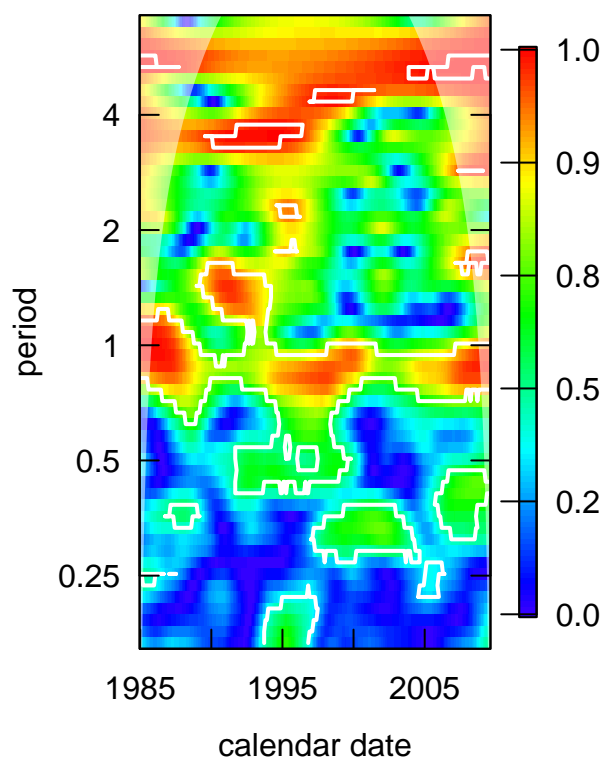




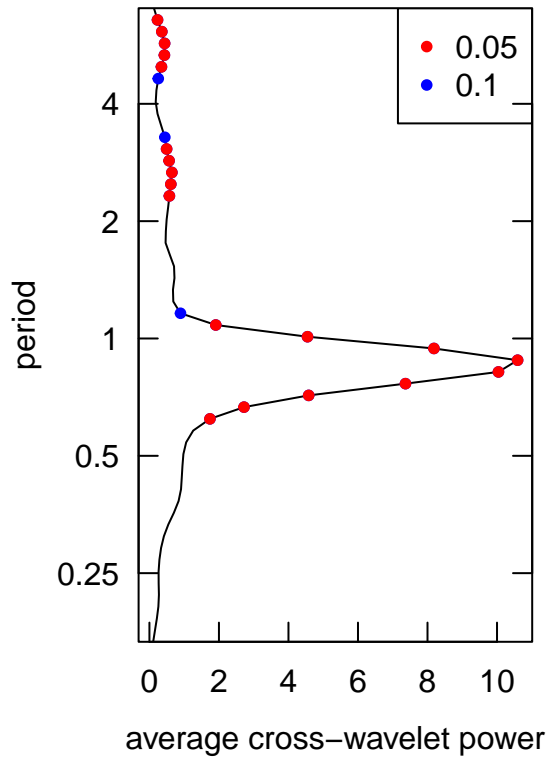
**CCI and Coral Core**



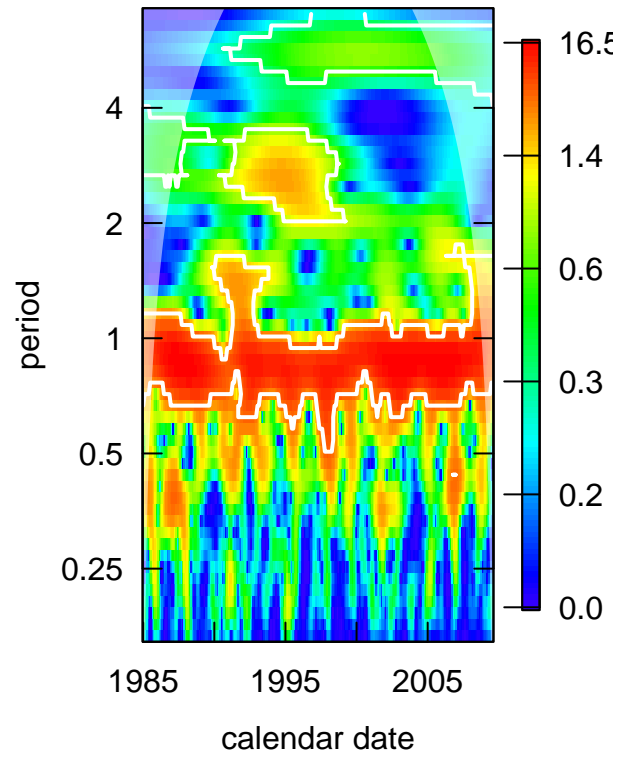
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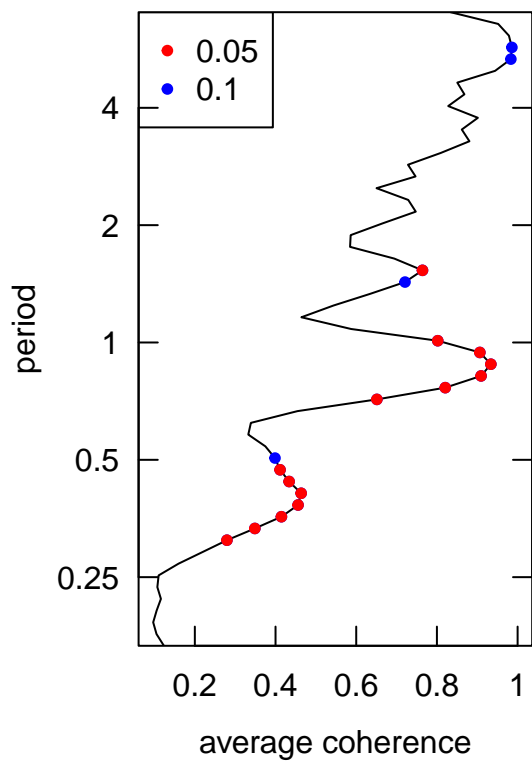
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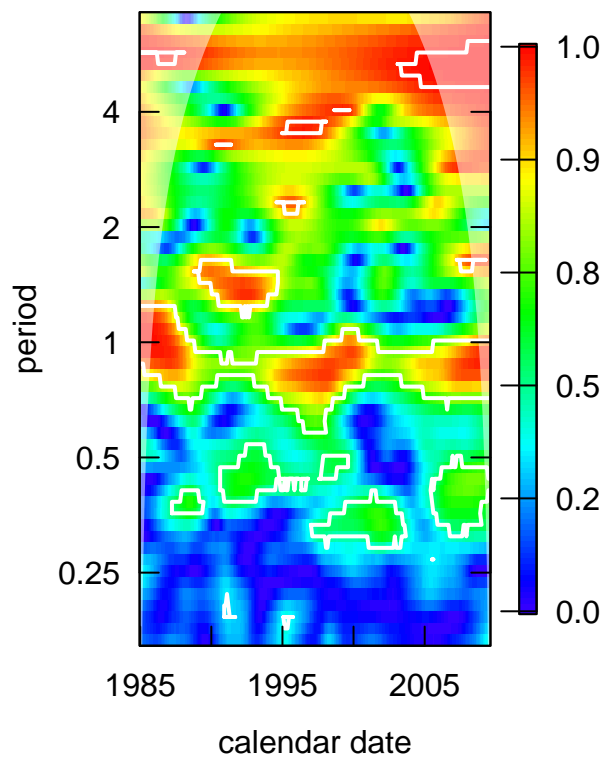
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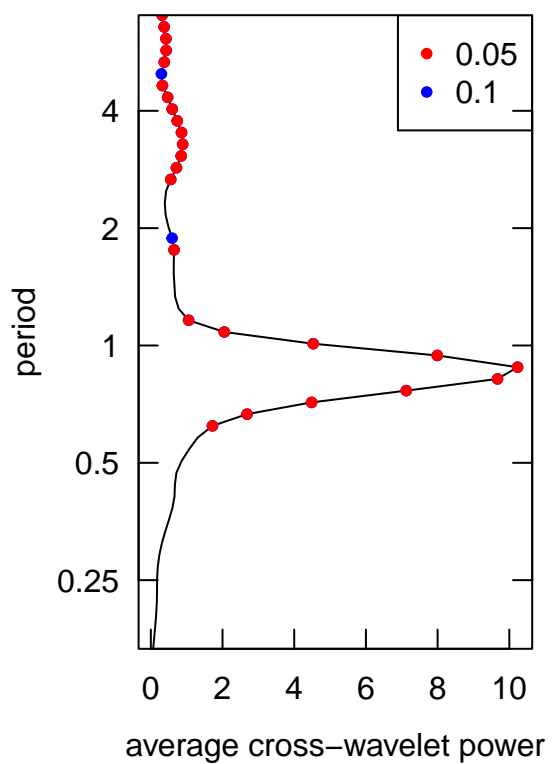
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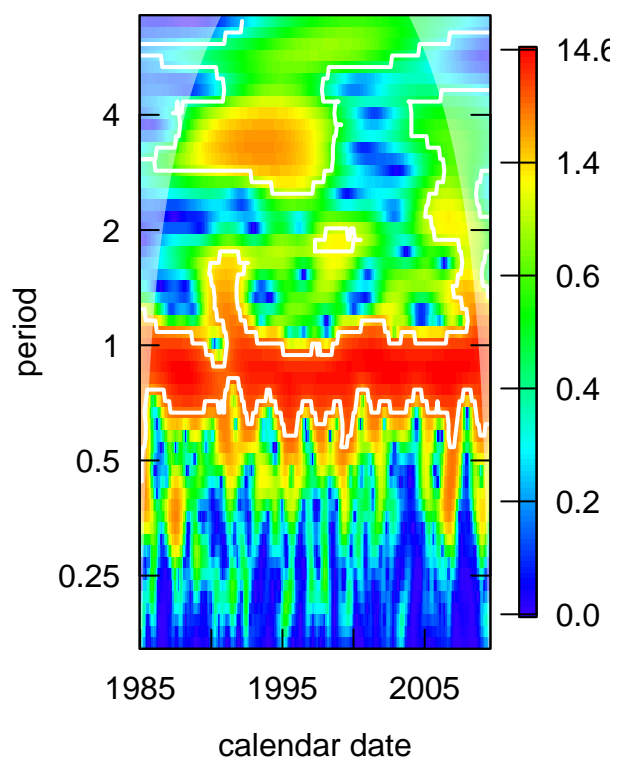
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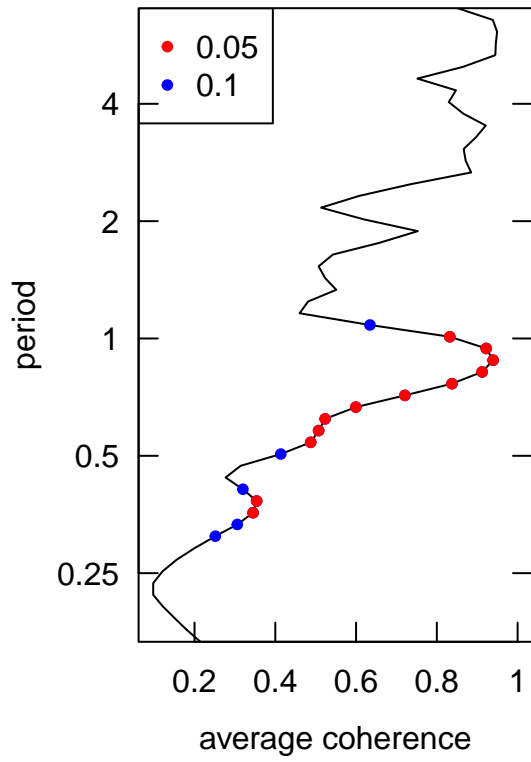
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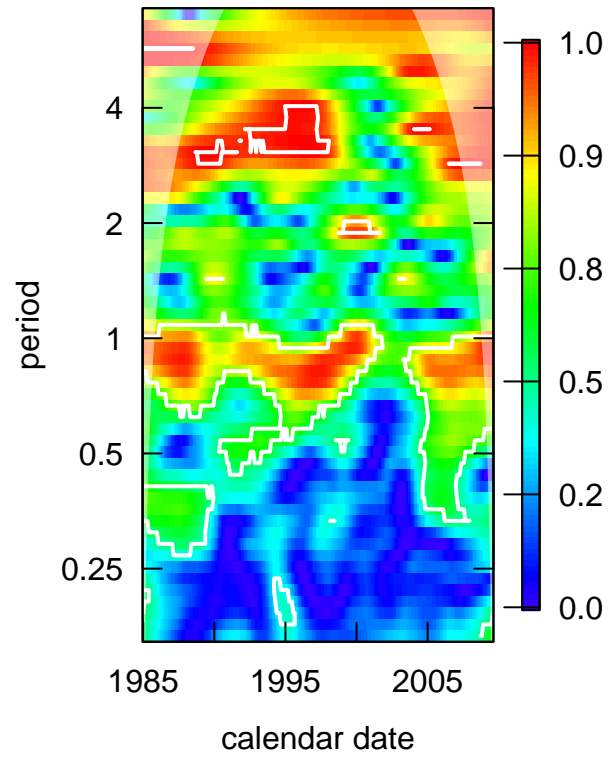
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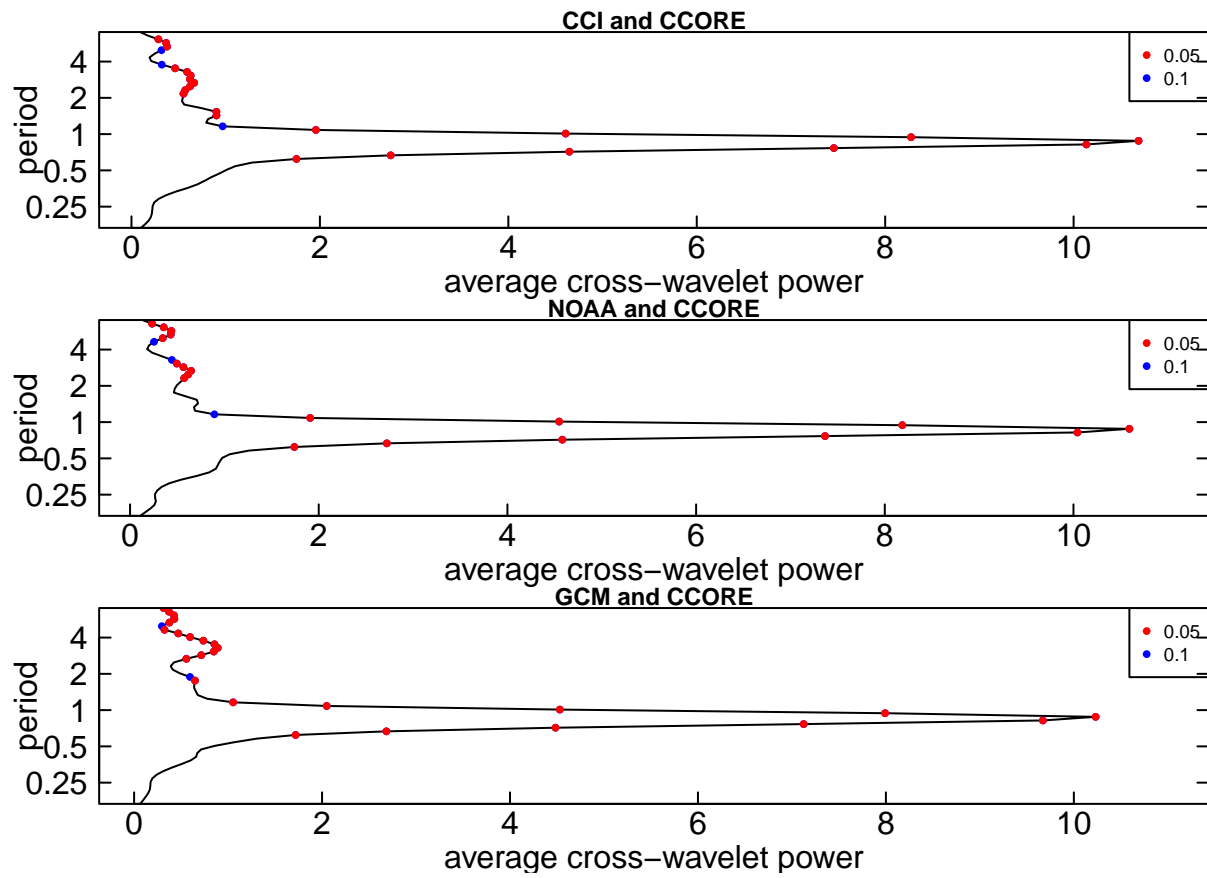


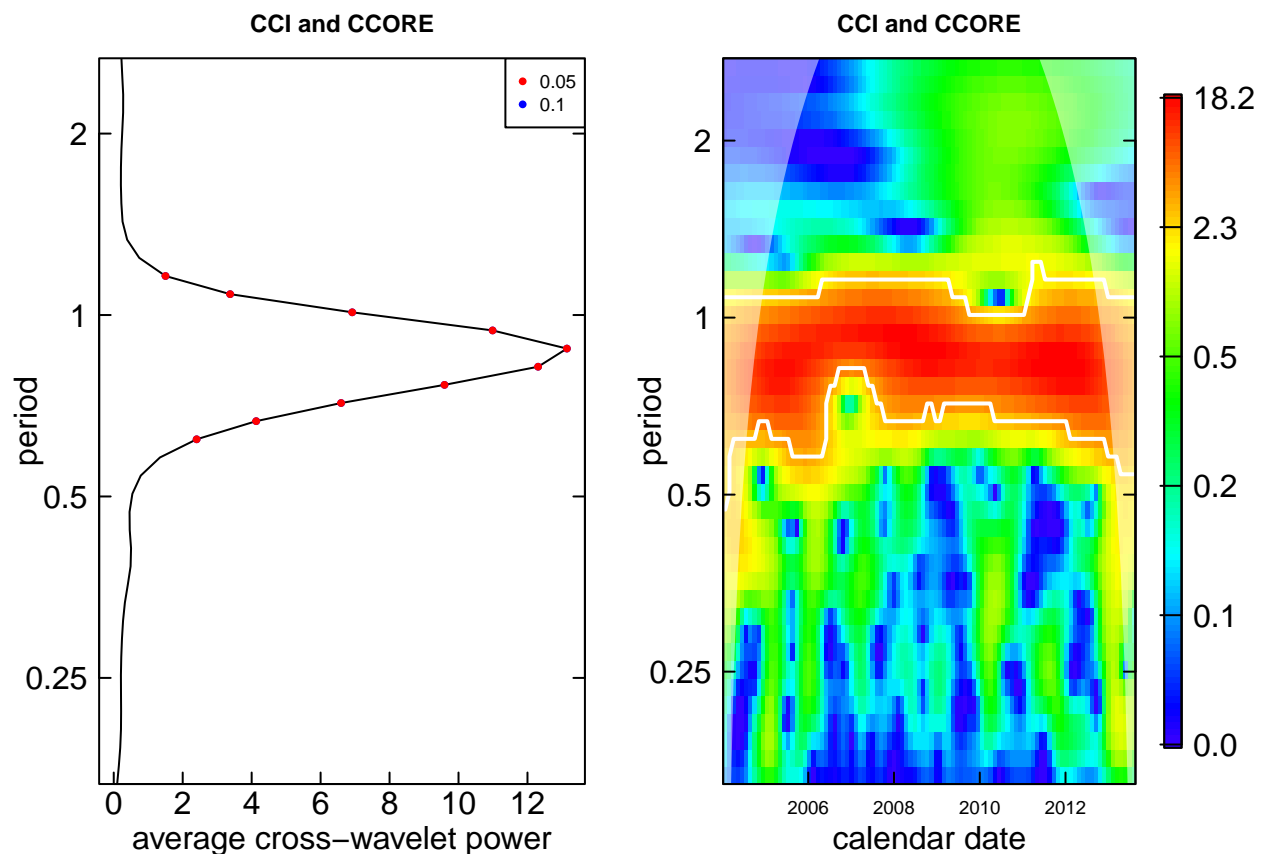
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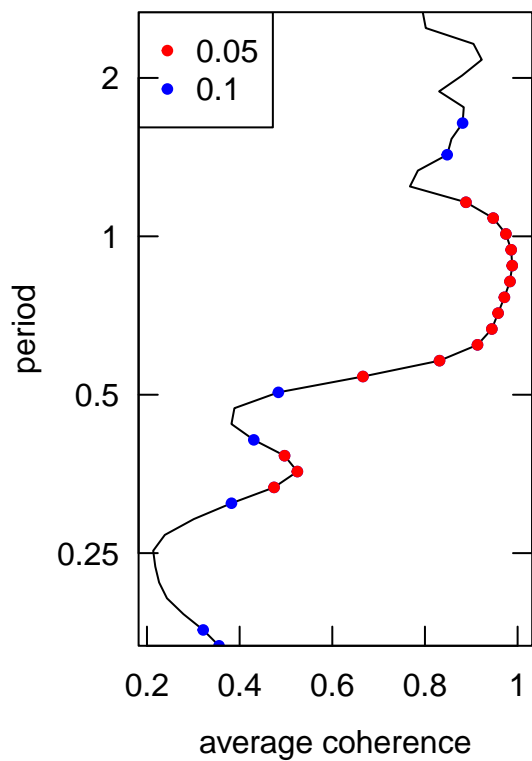
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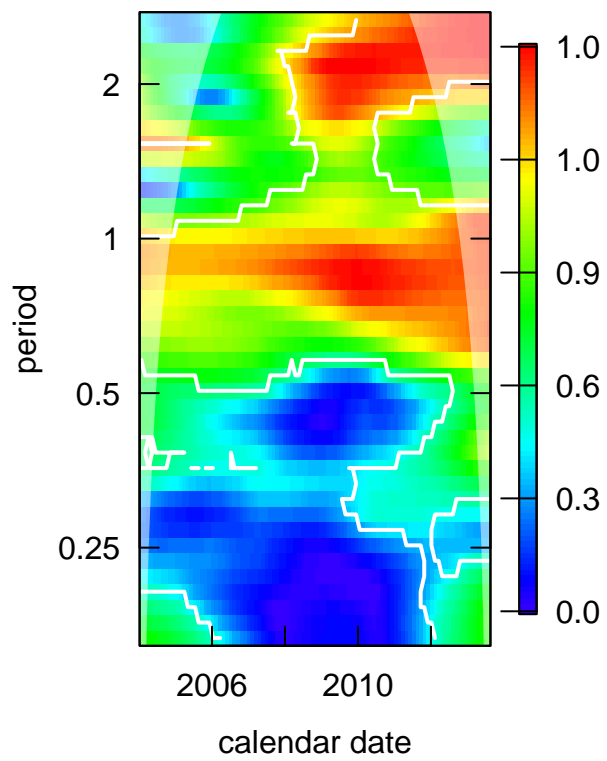




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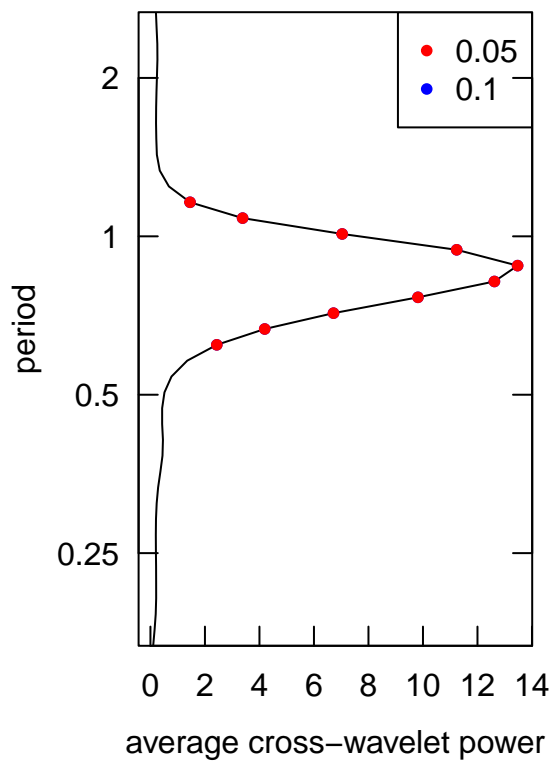


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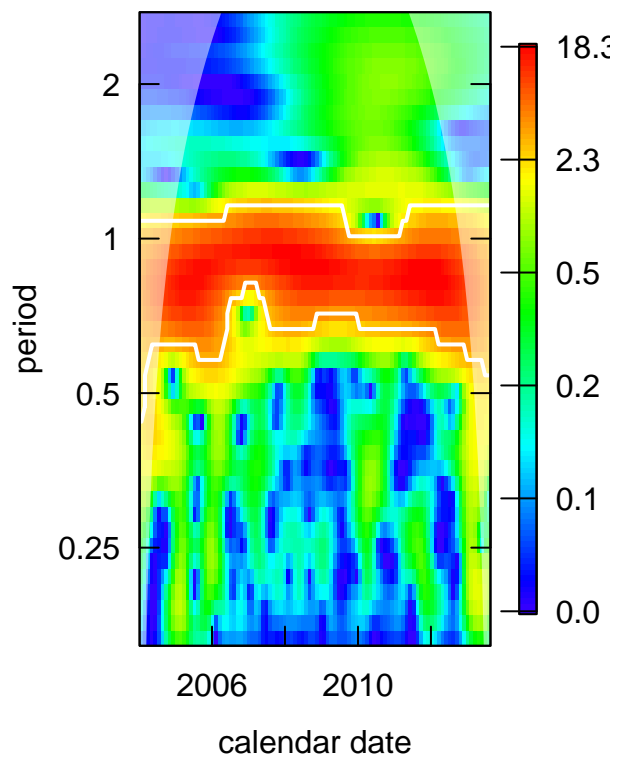




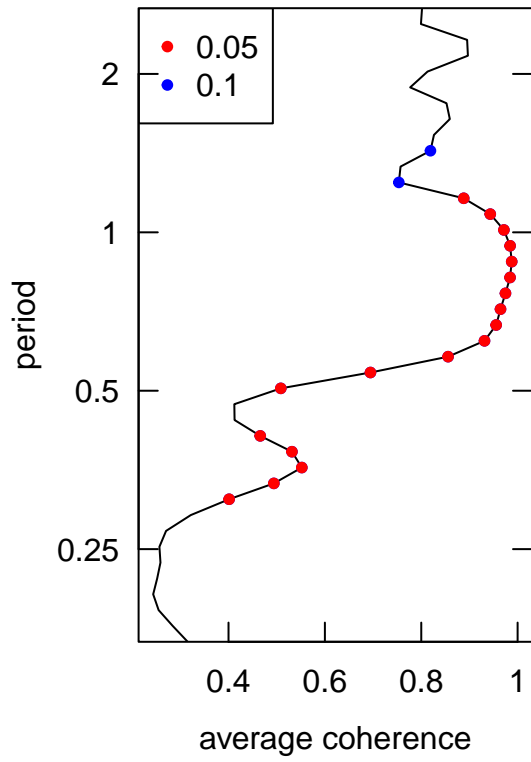
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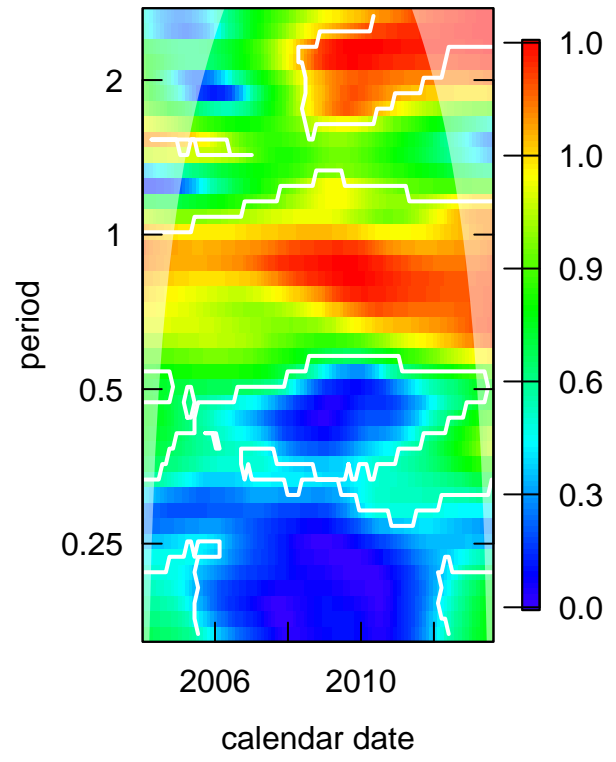
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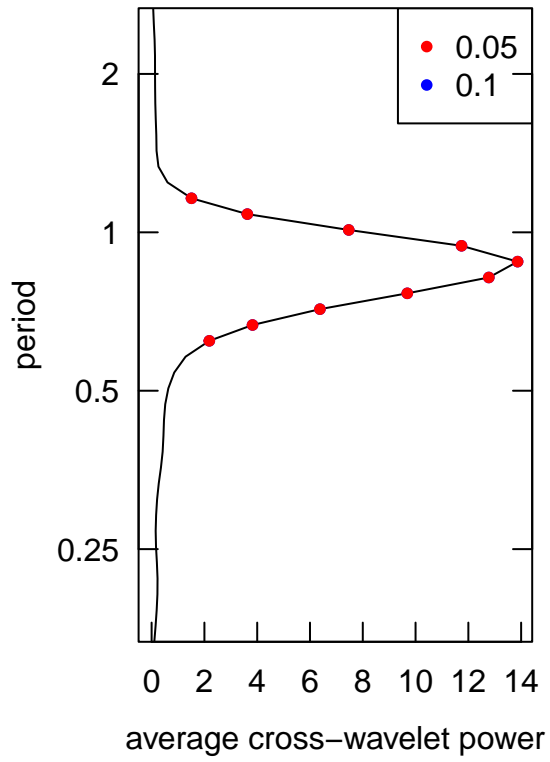
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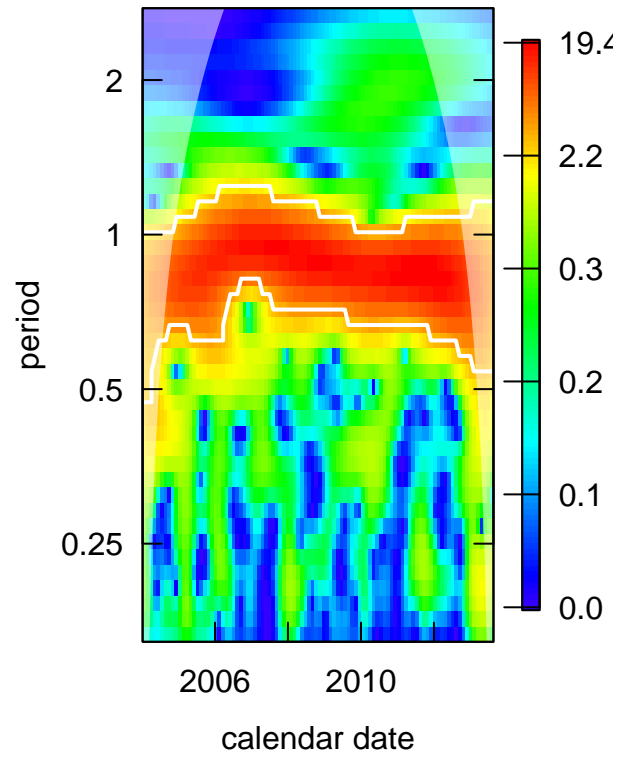
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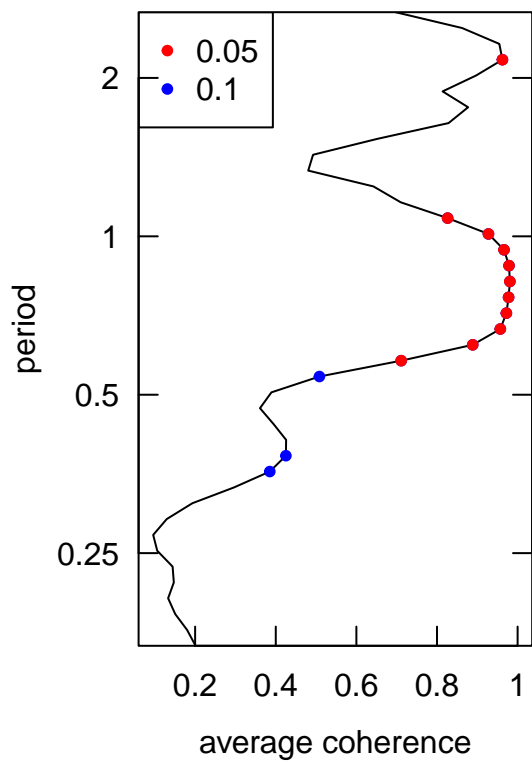
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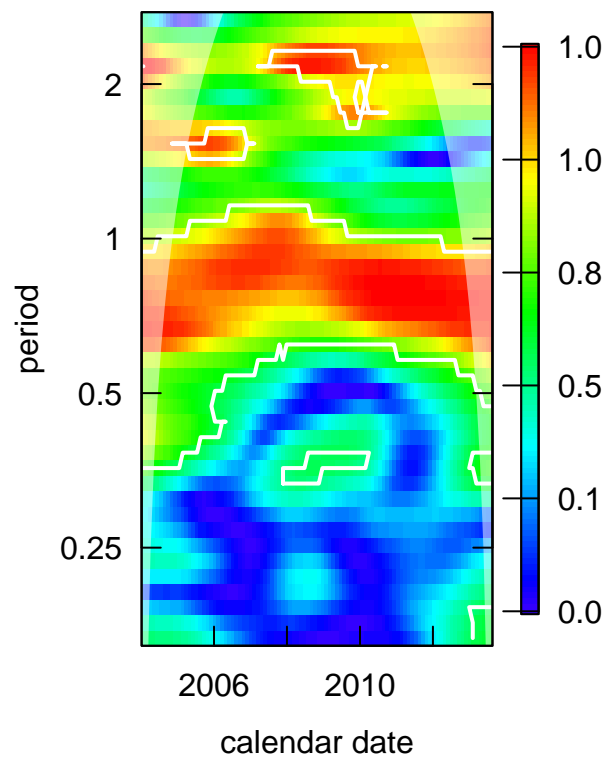
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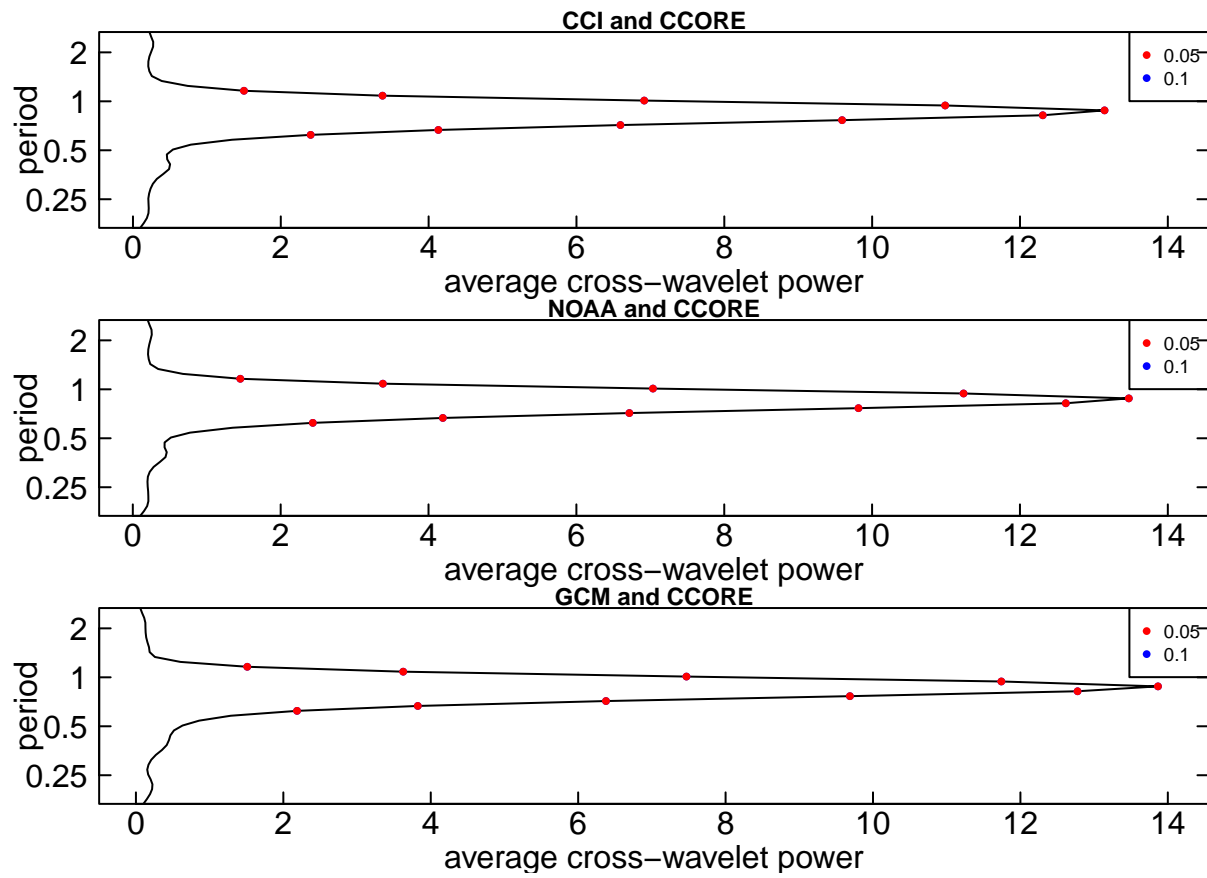


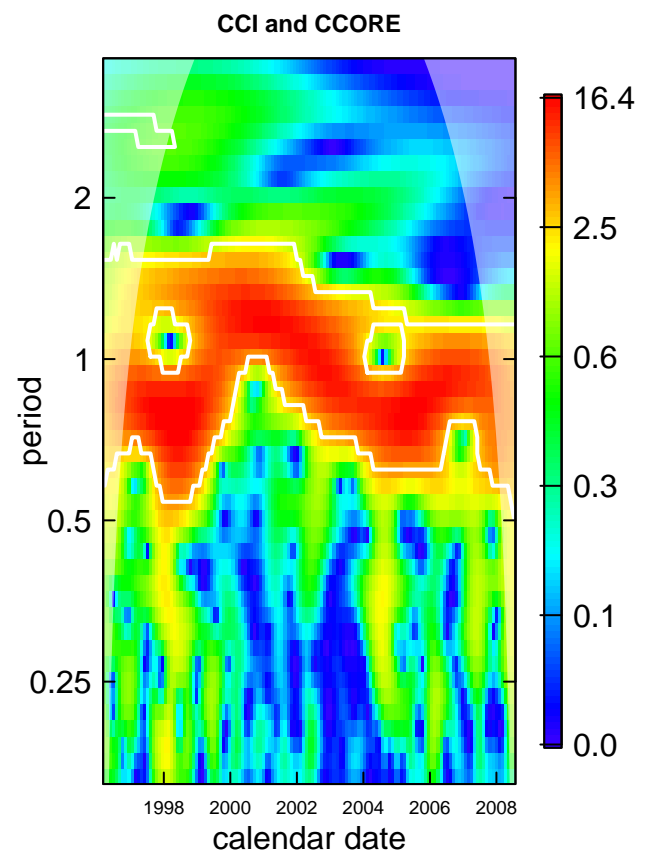
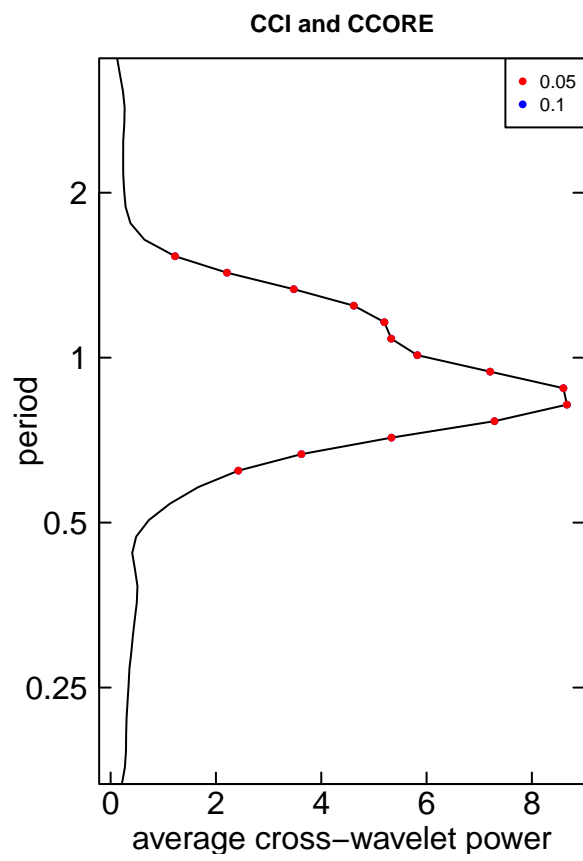
**GCM and Coral Core**



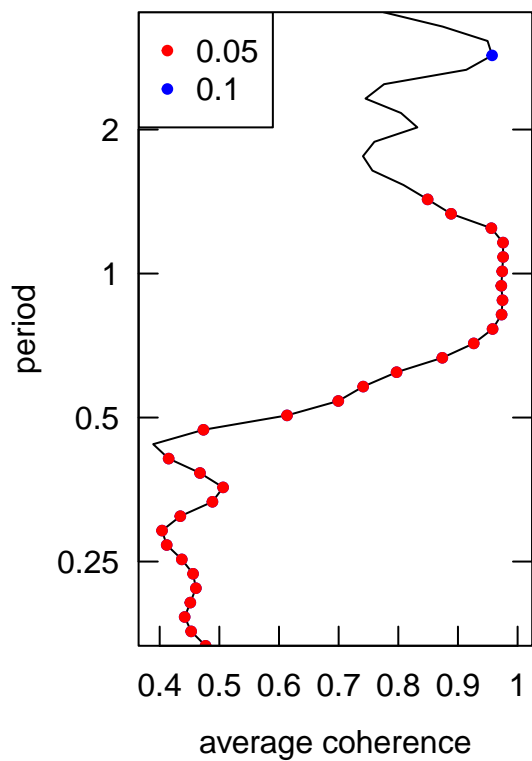
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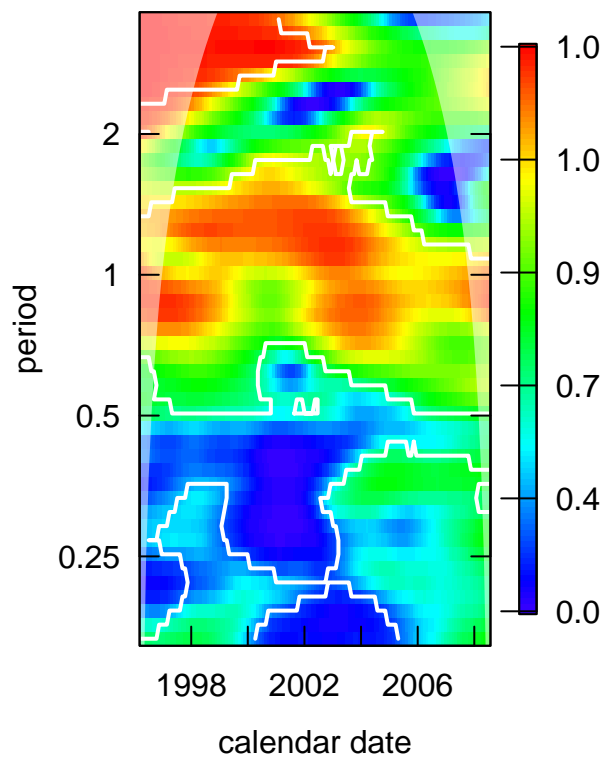




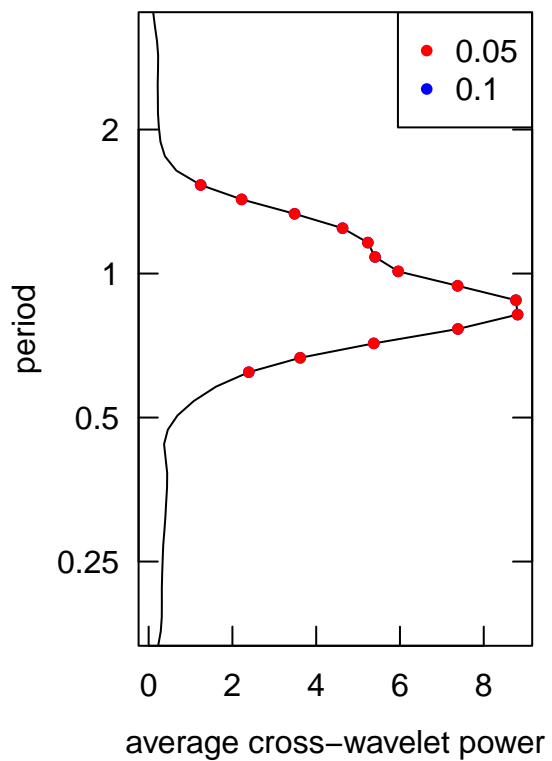
**CCI and Coral Core**



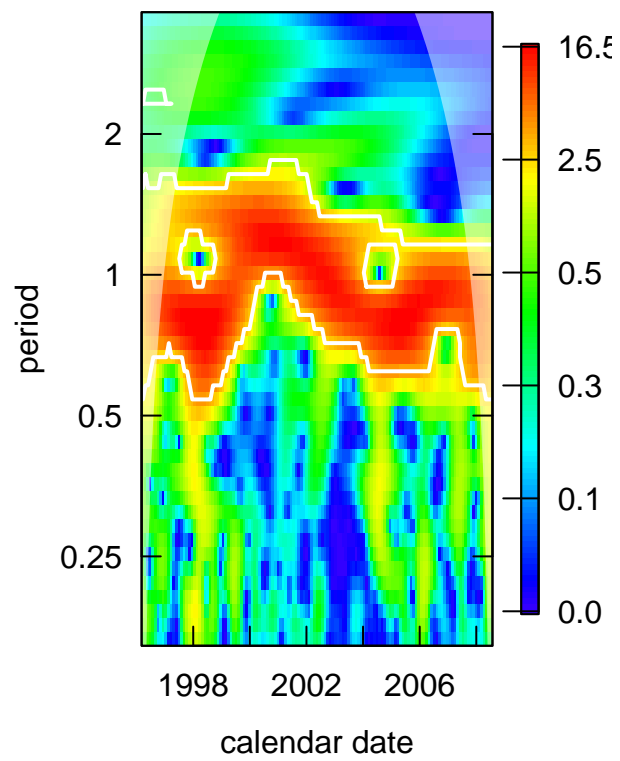
**CCI and CCORE**



**NOAA and CCORE**

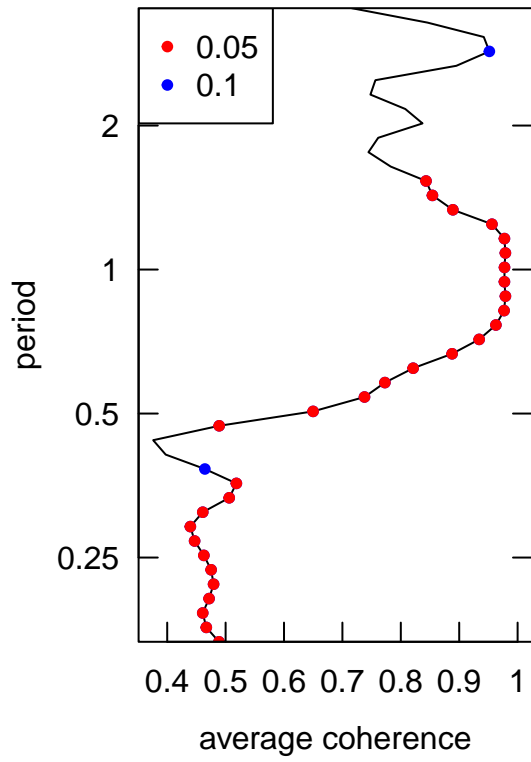


**NOAA and CCORE**

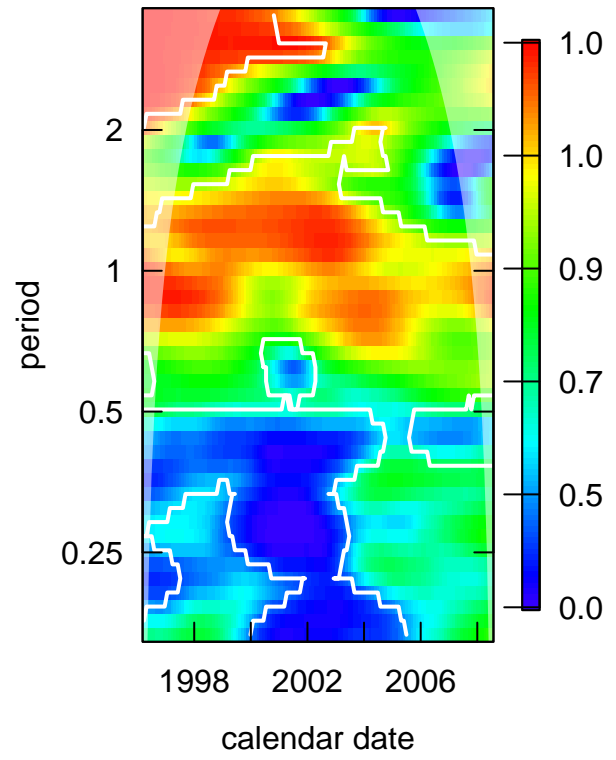




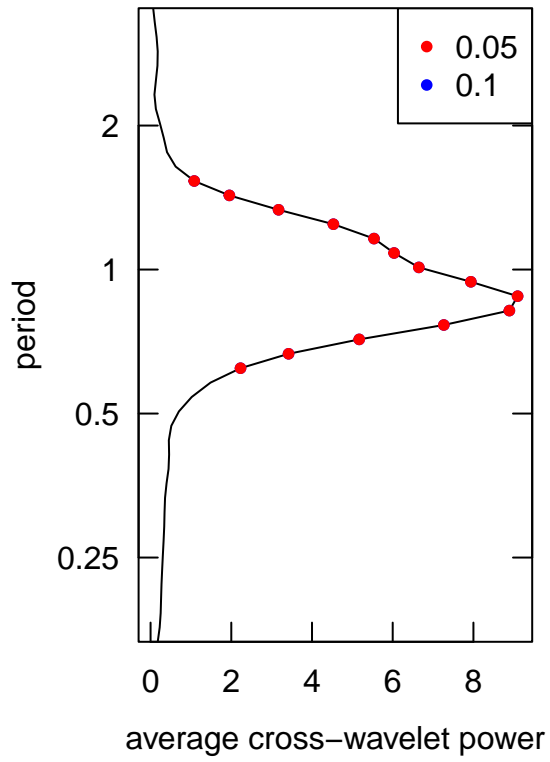
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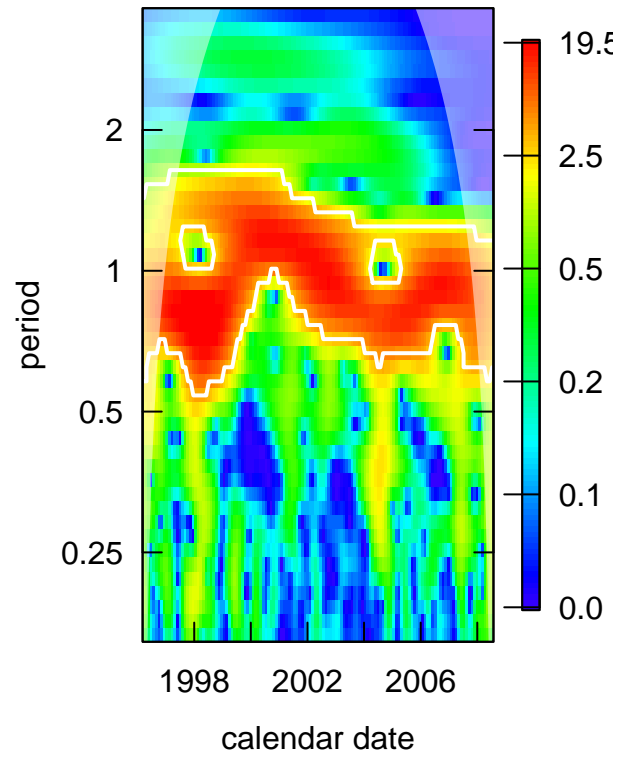
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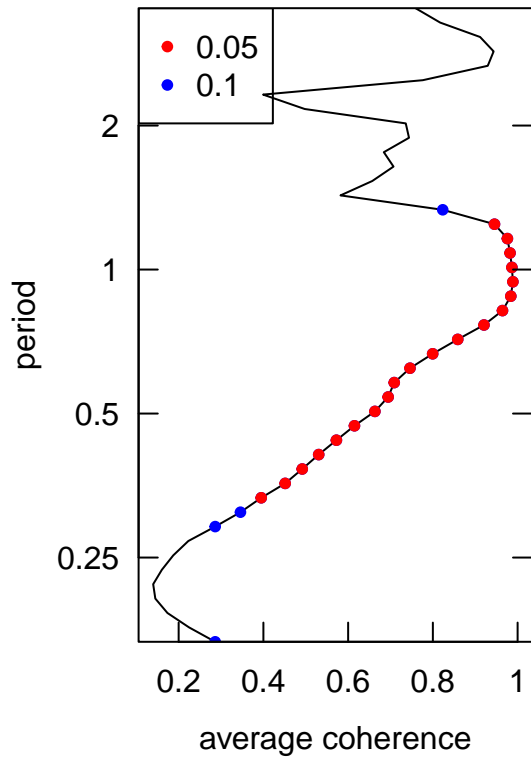
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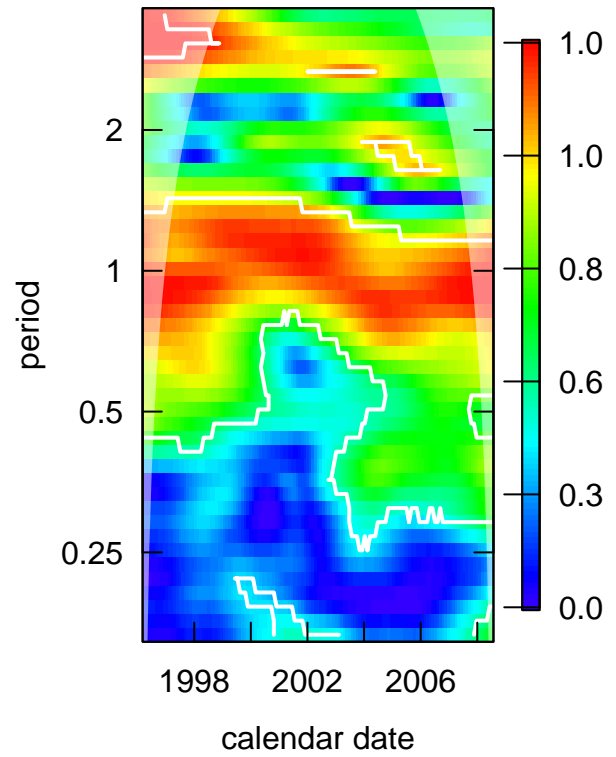
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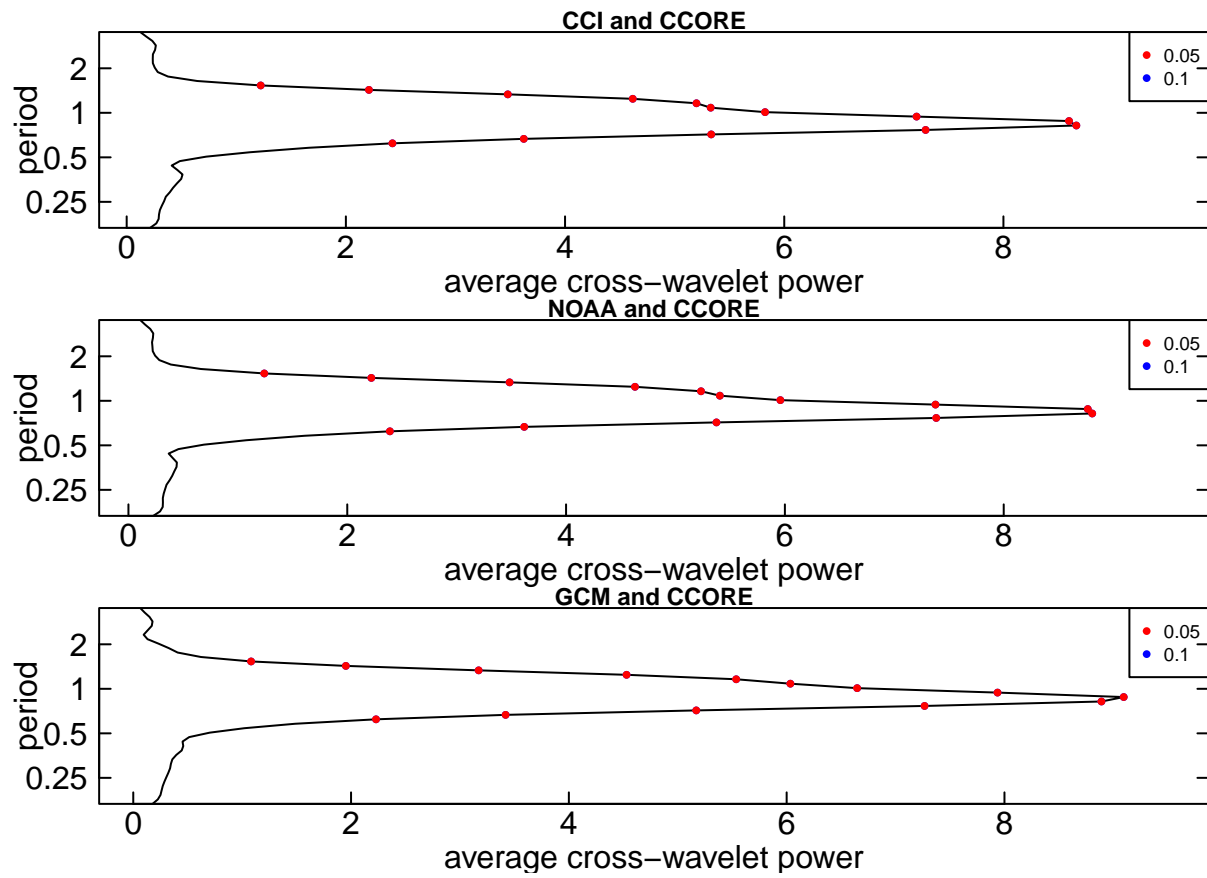


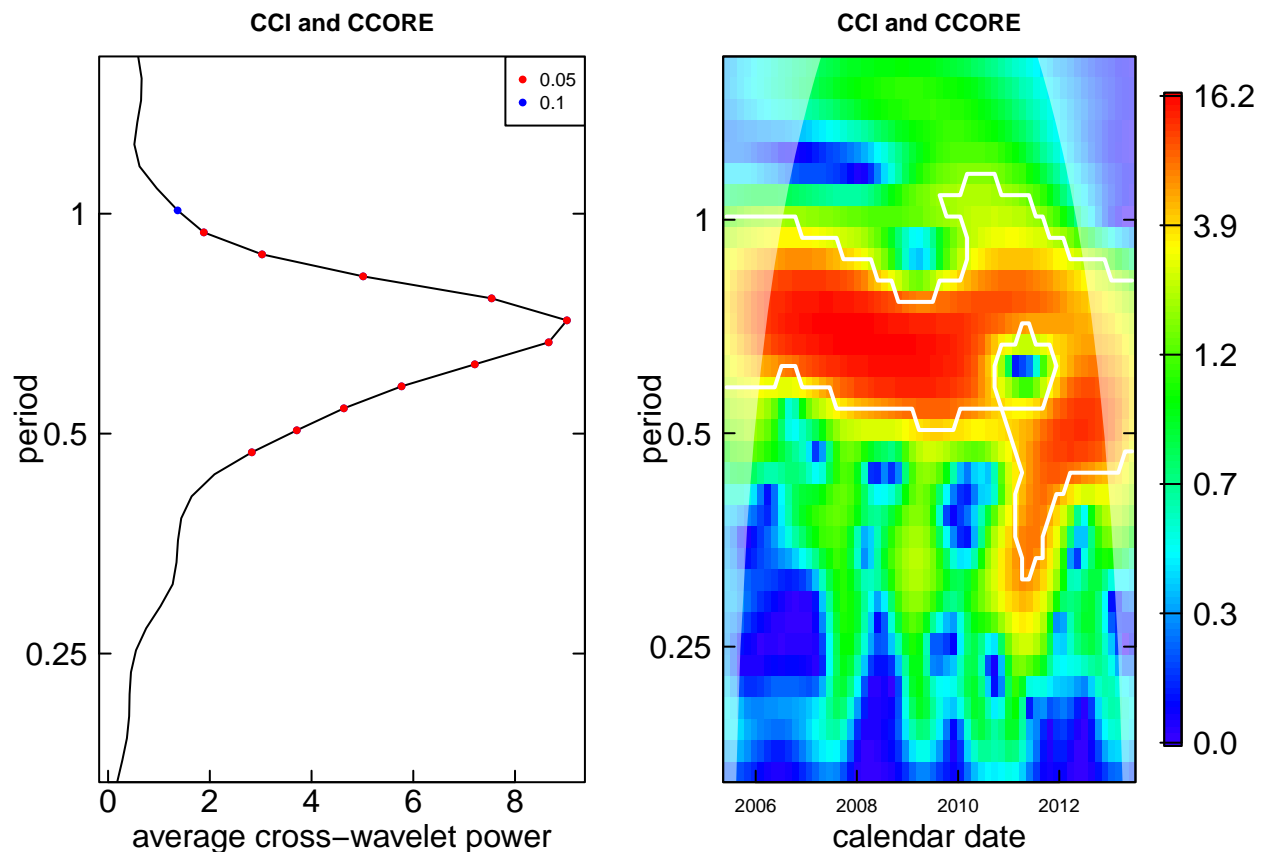
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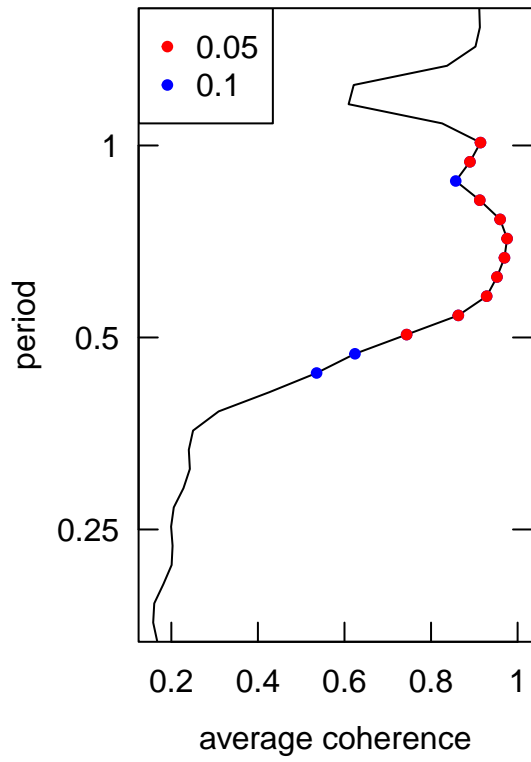
**GCM and CCORE**



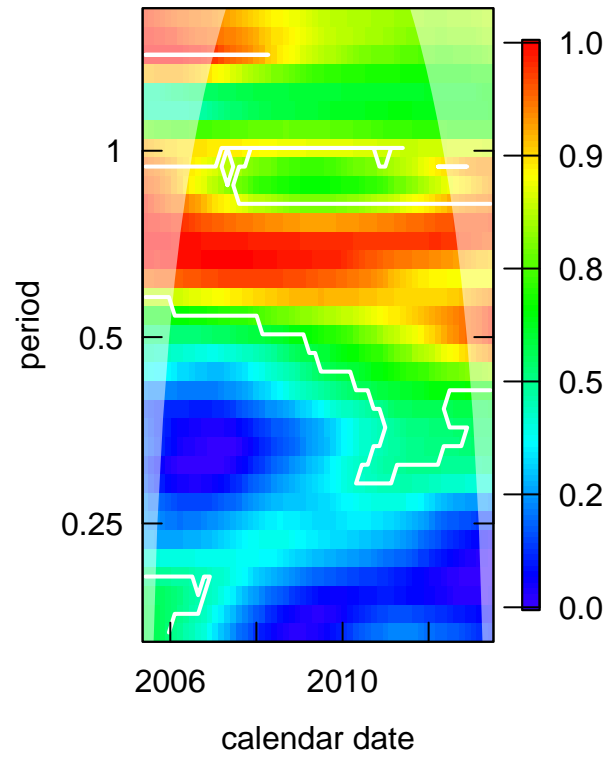




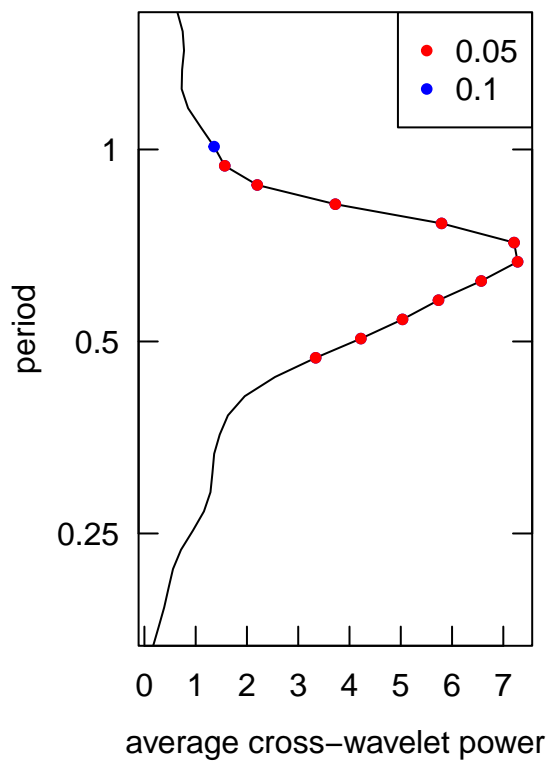
**CCI and Coral Core**



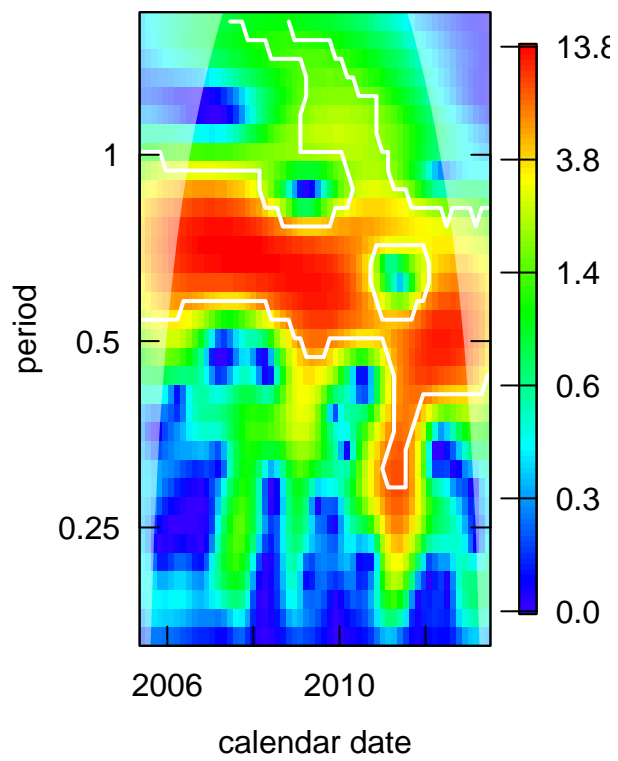
**CCI and CCORE**



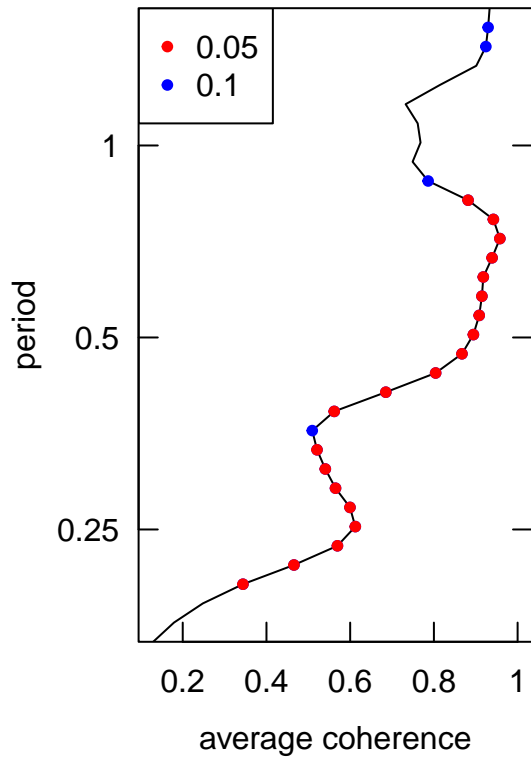
**NOAA and CCORE**



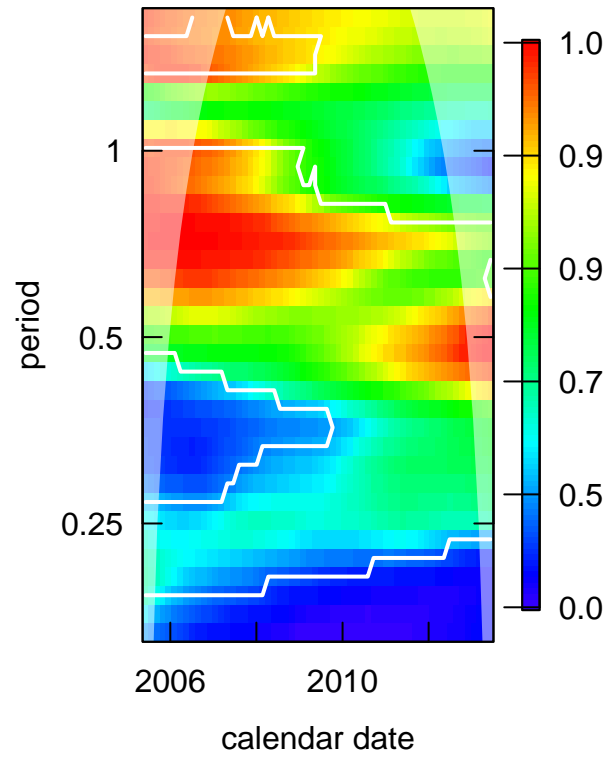
**NOAA and CCORE**



**NOAA and Coral Core**

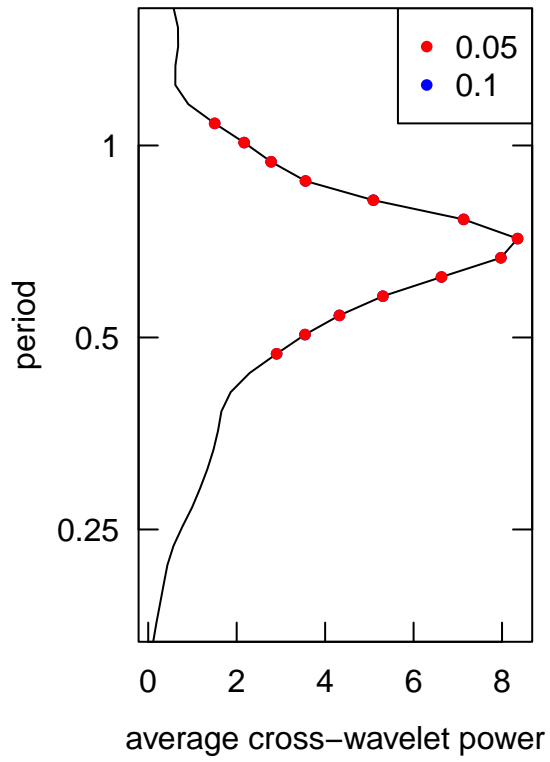


**NOAA and CCORE**

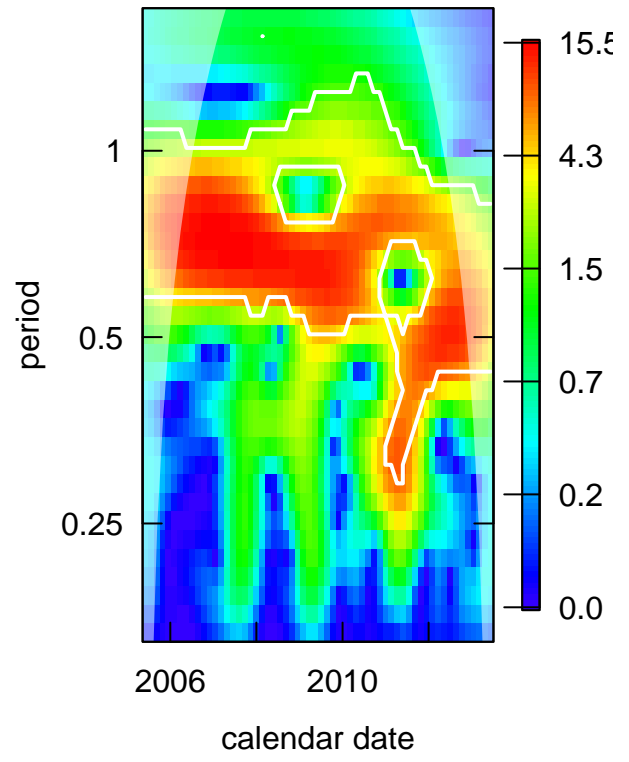




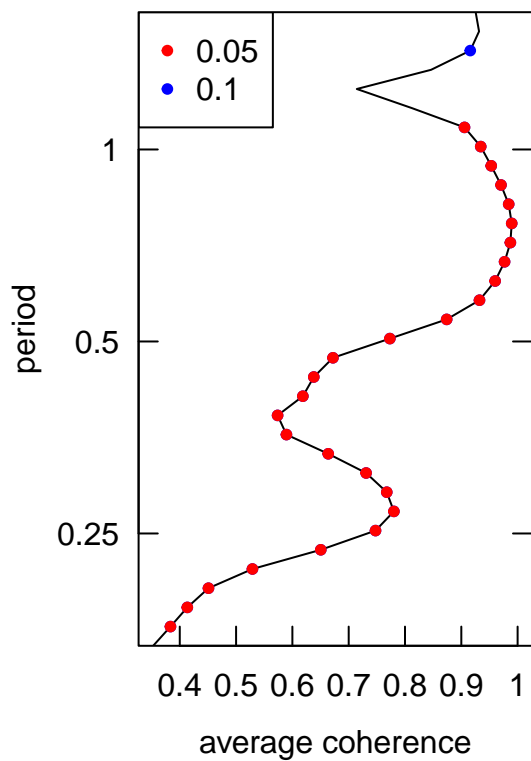
**GCM and CCORE**



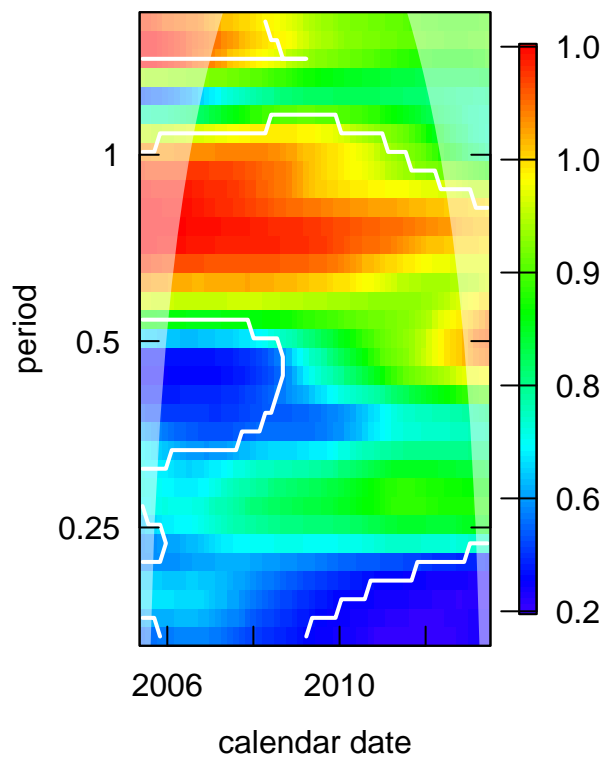
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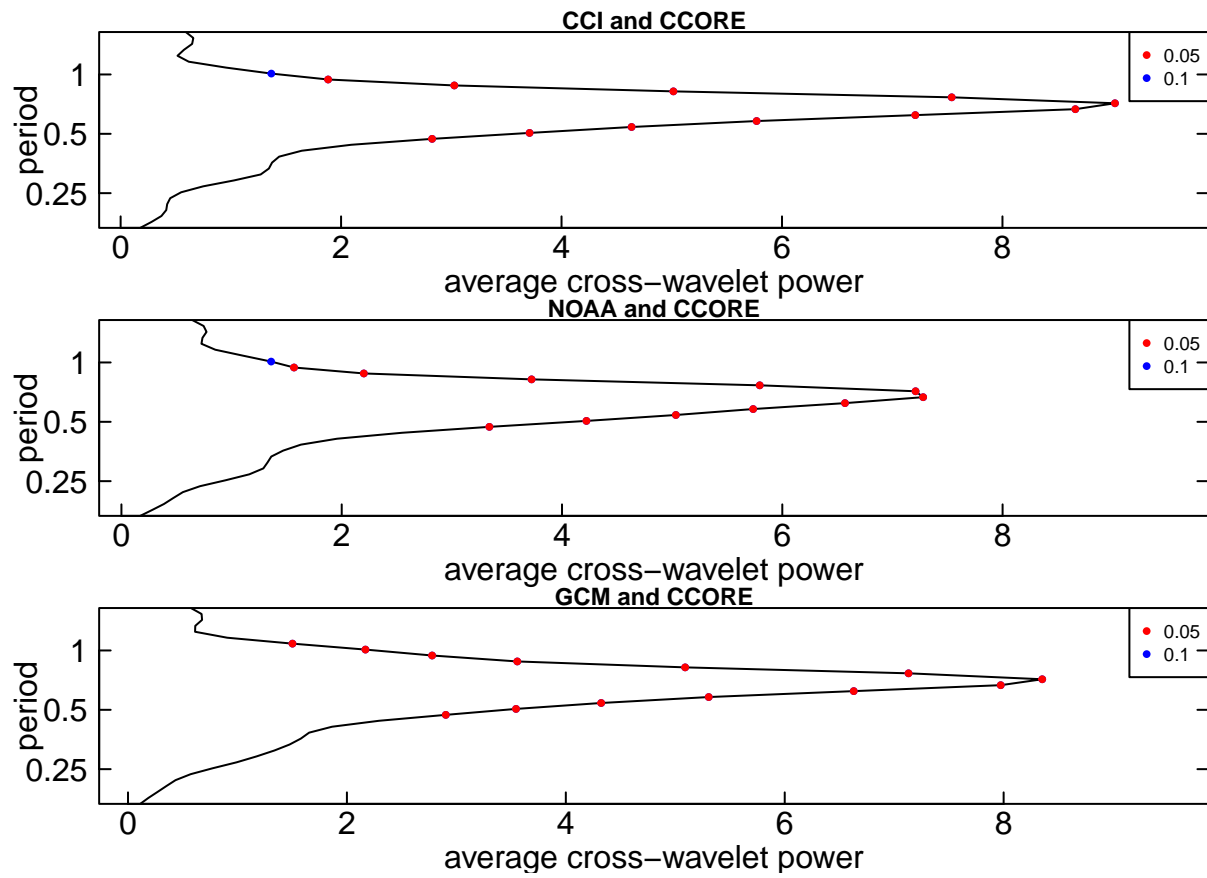


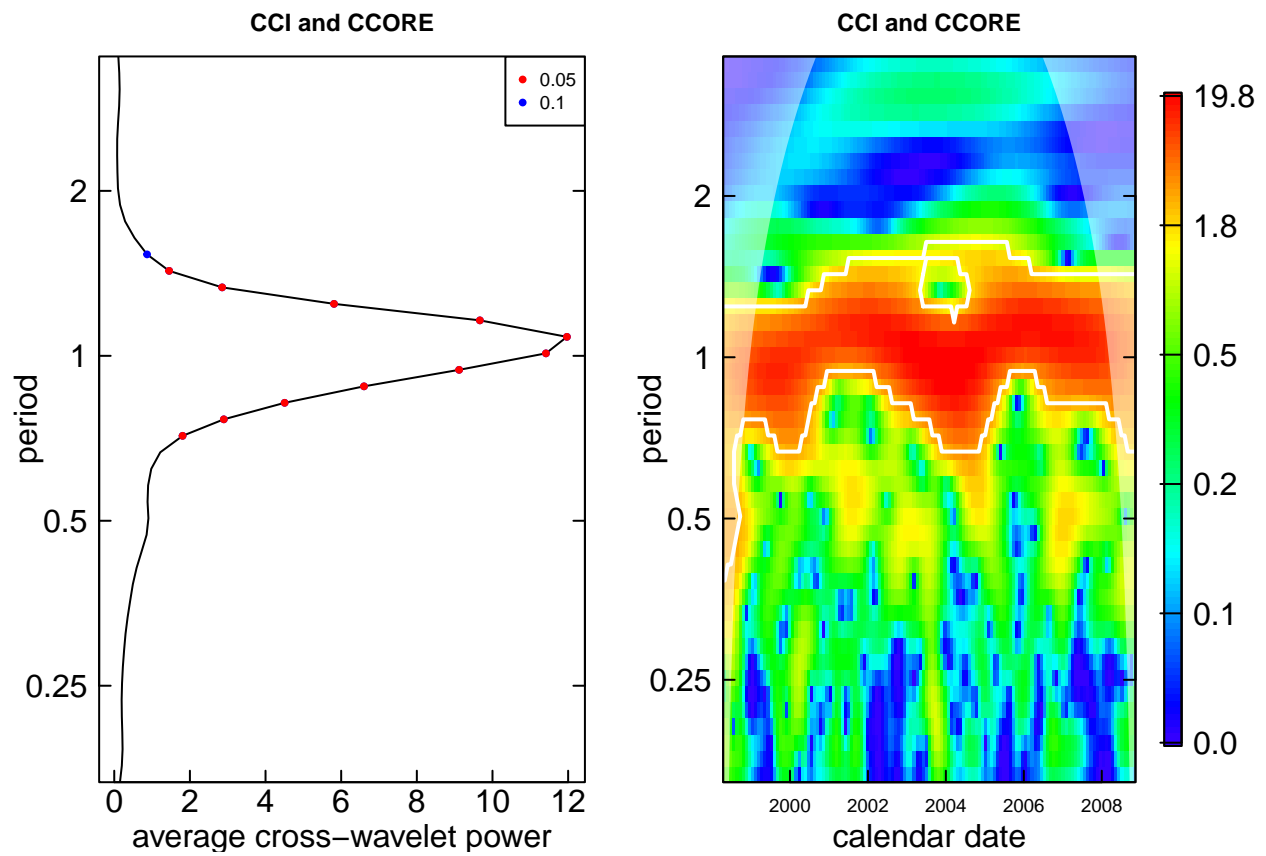
**GCM and Coral Core**



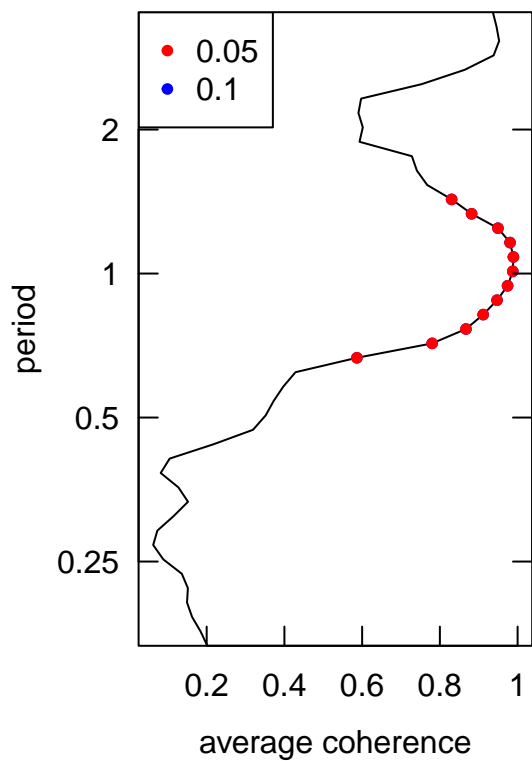
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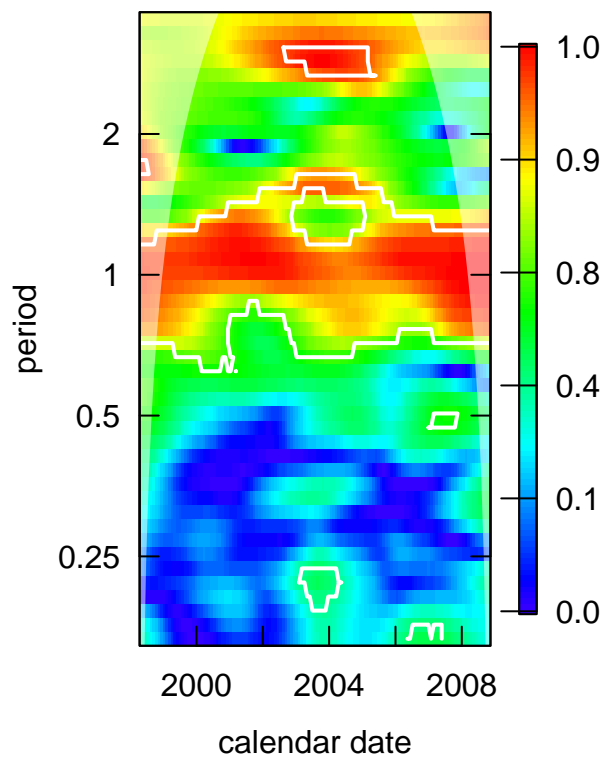




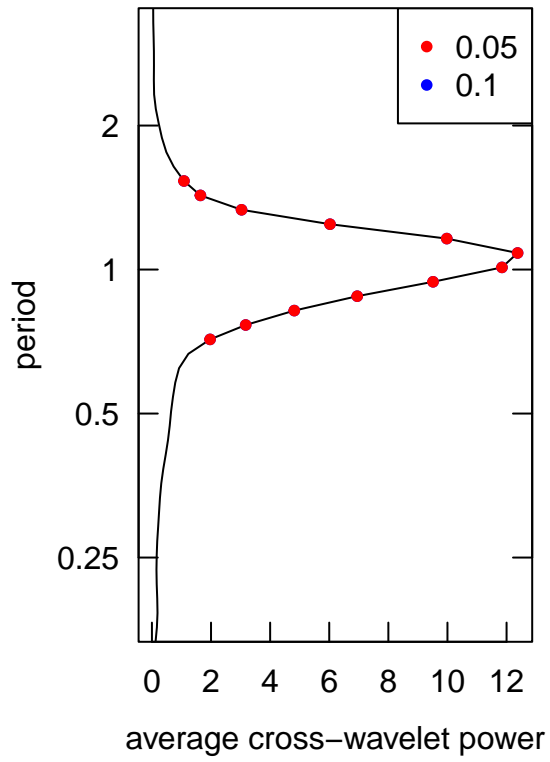
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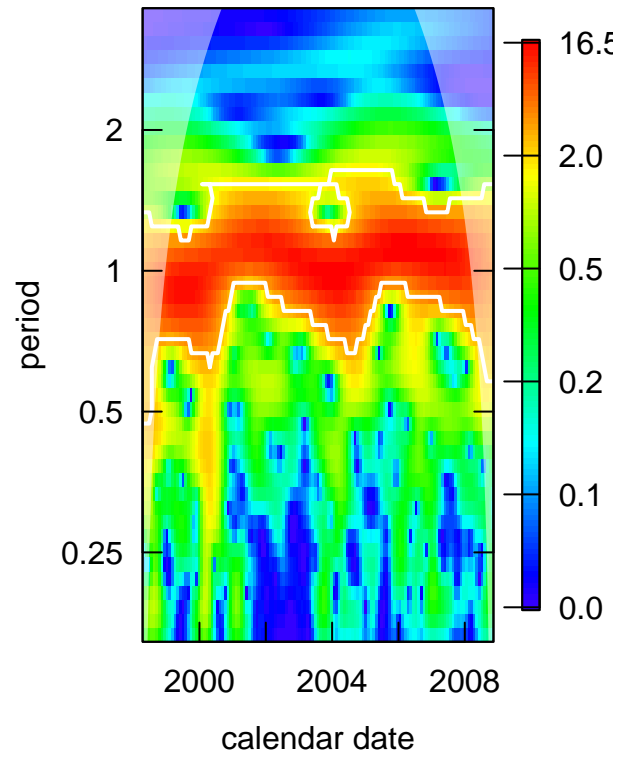
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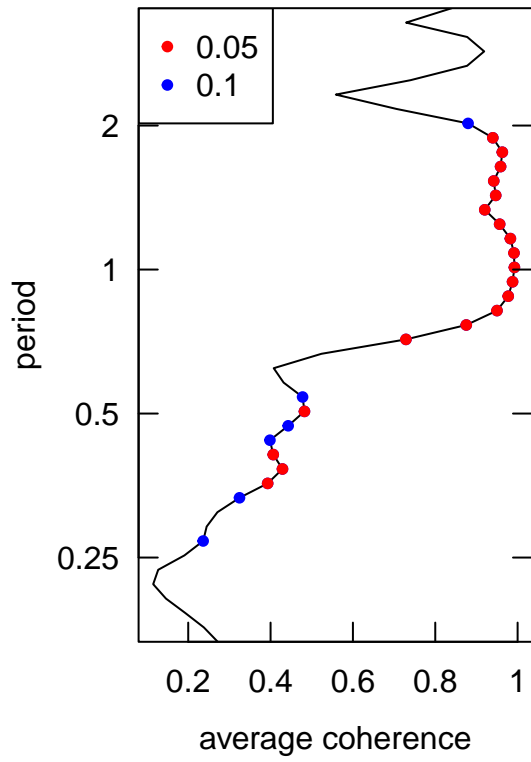
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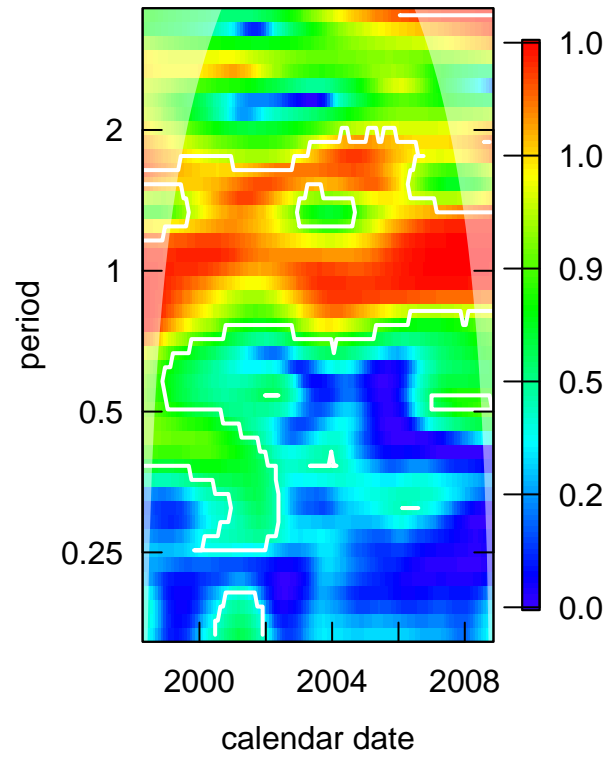
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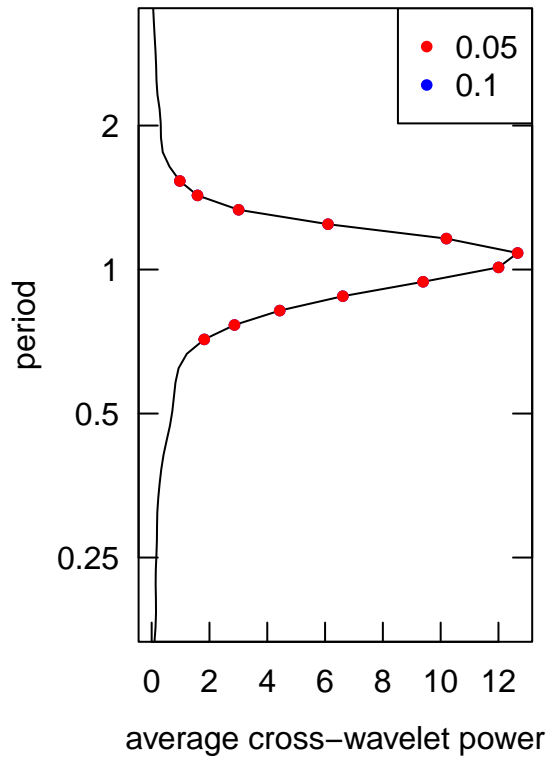
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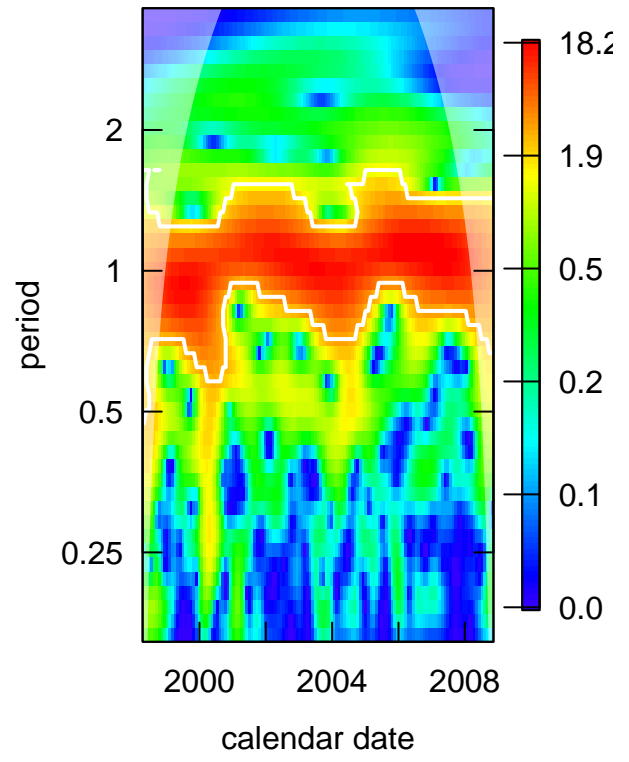
**NOAA and CCORE**



**GCM and CCORE**

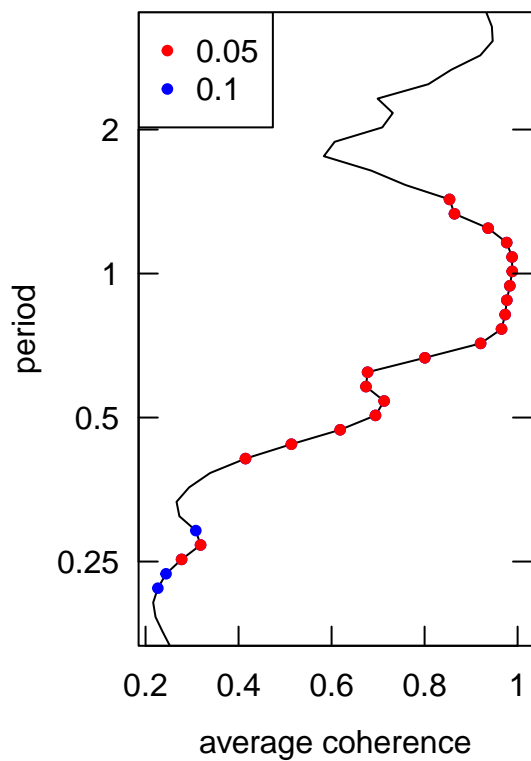


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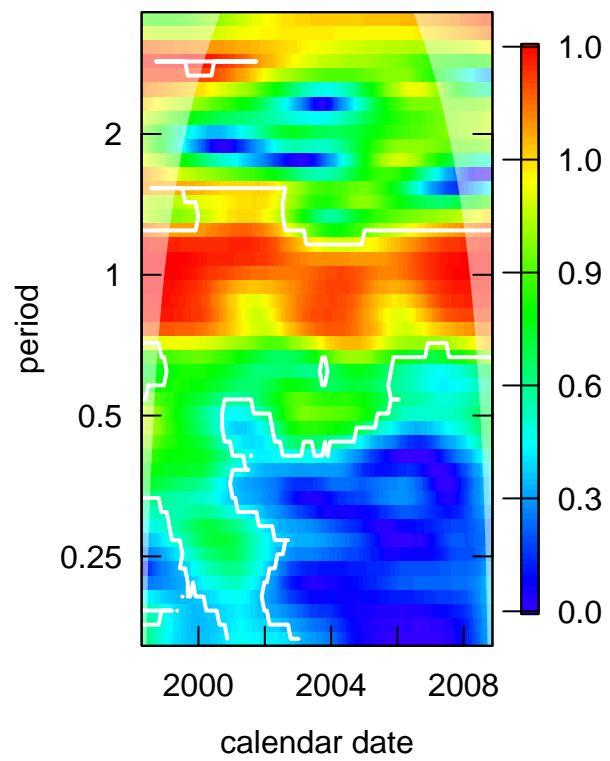


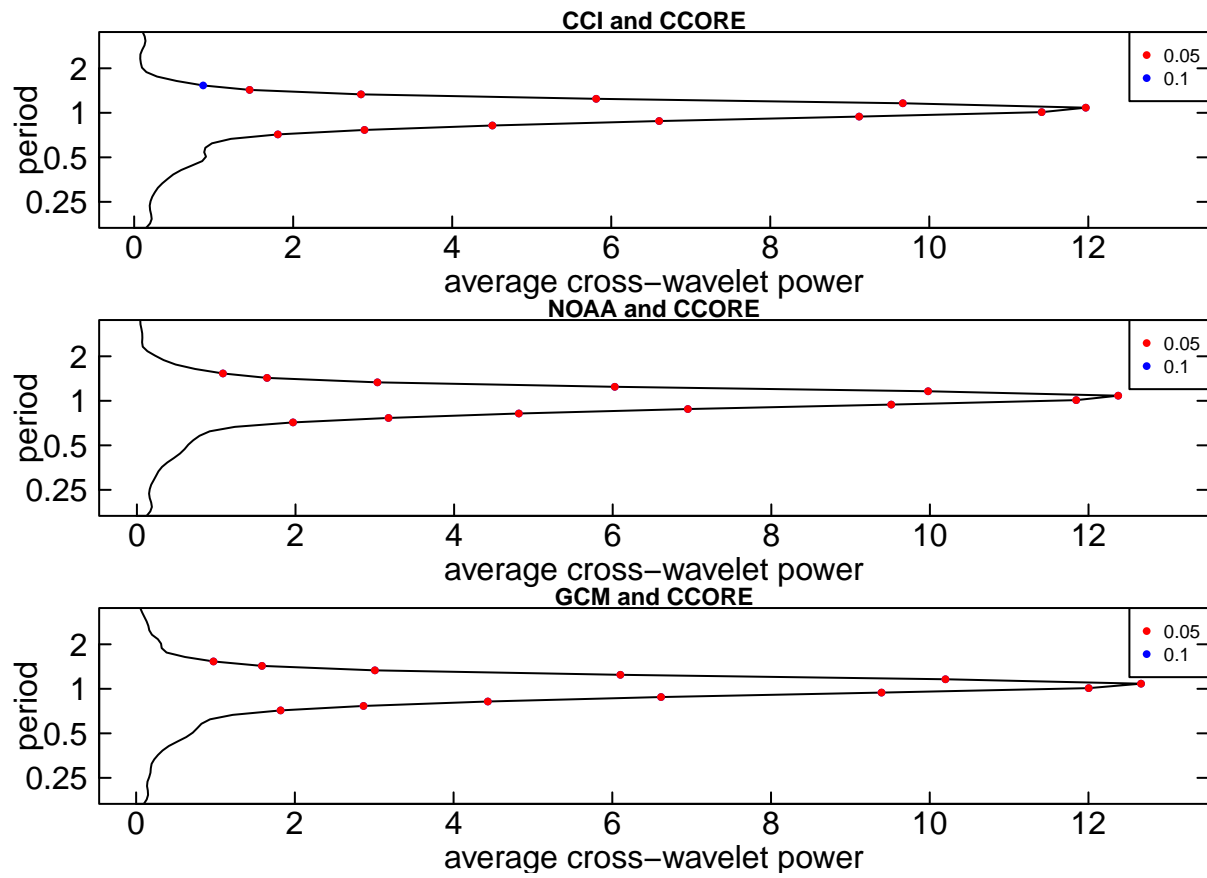


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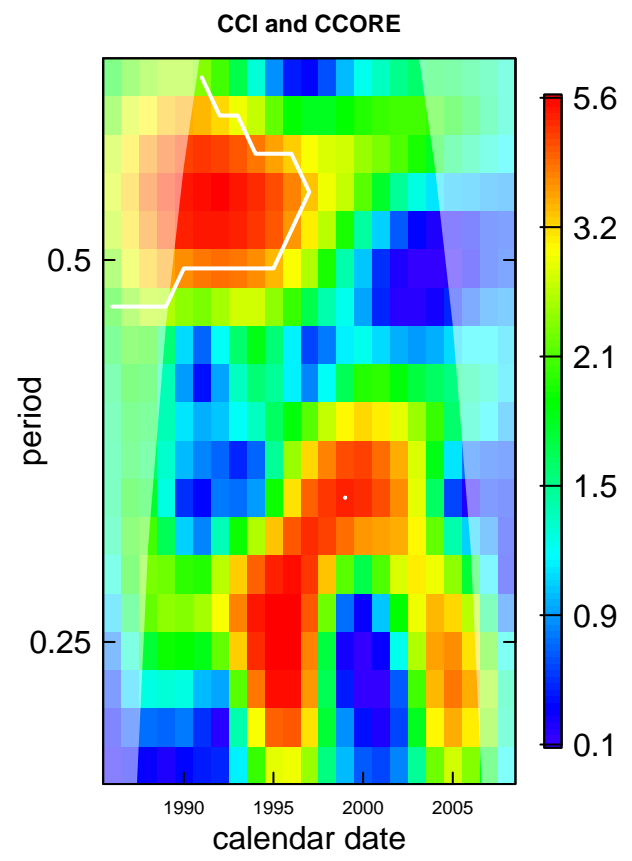
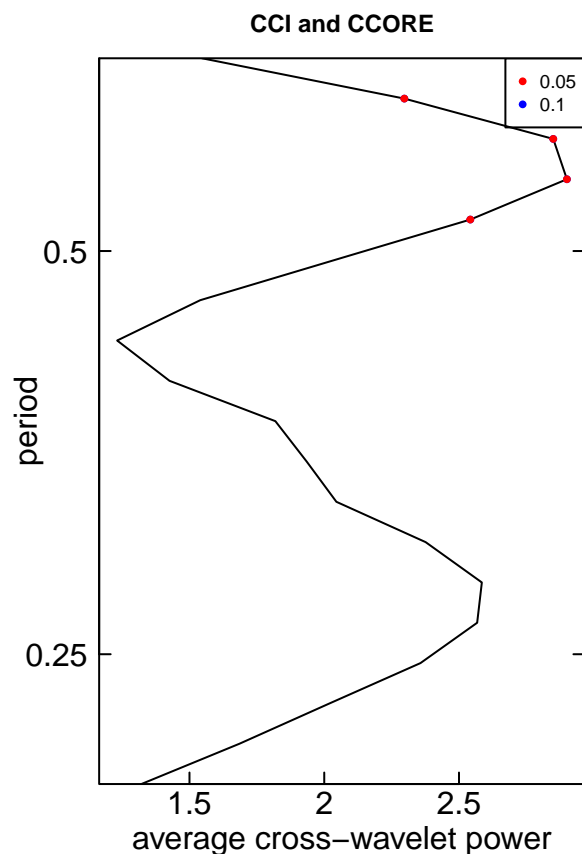
**GCM and CCORE**



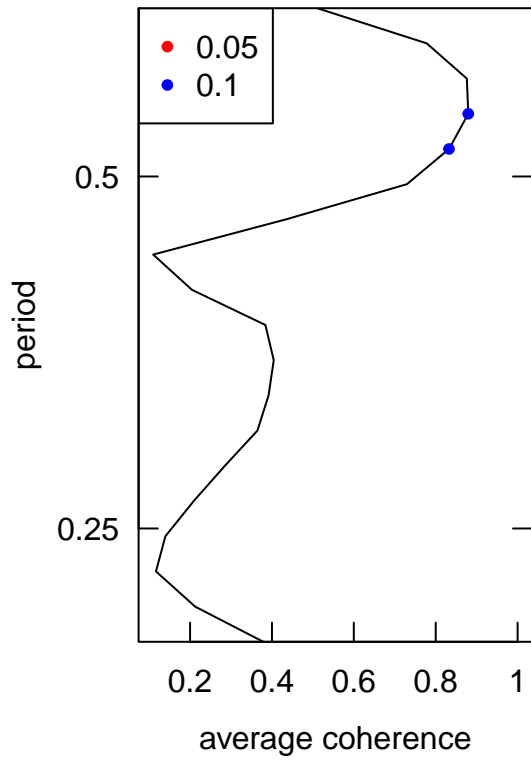


Annual Coral Core Proxy Sites - Period of one represents 10 years

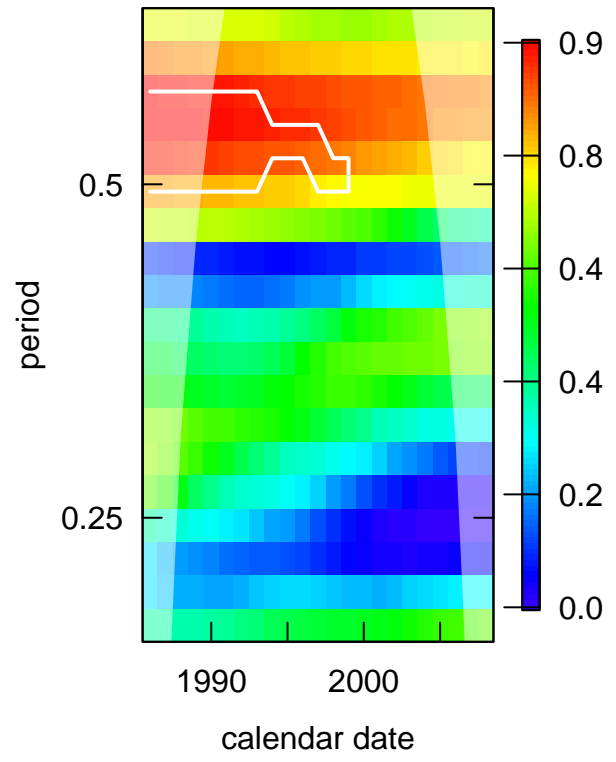
TNT07C



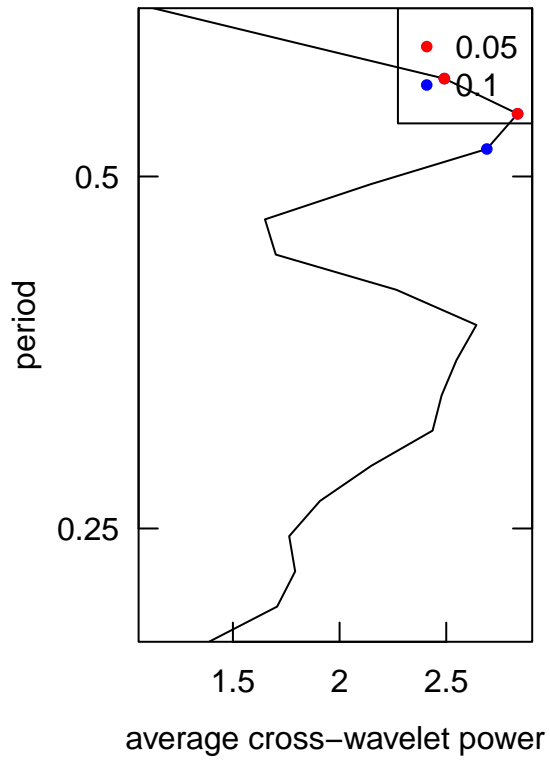
**CCI and Coral Core**



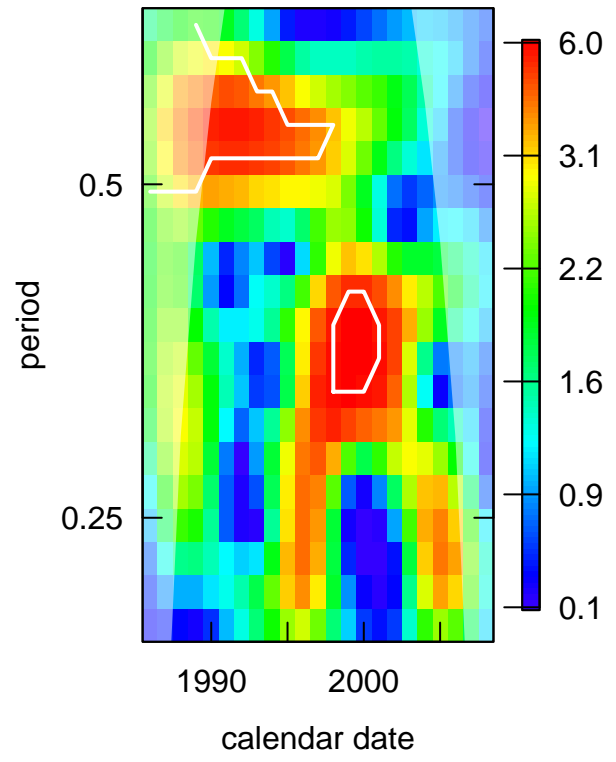
**CCI and CCORE**



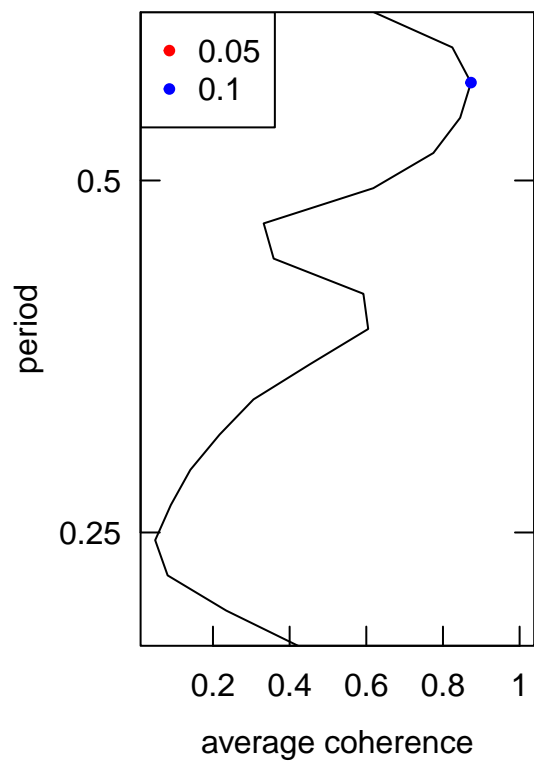
**NOAA and CCORE**



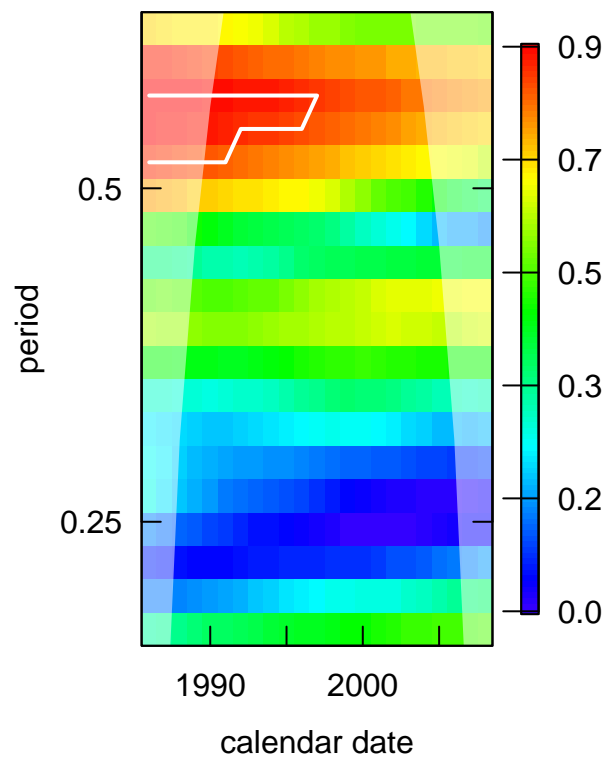
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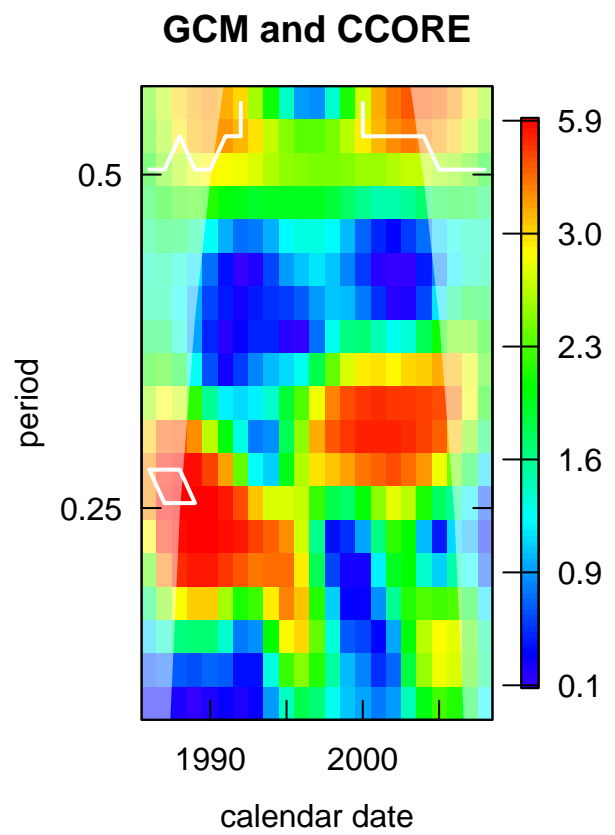
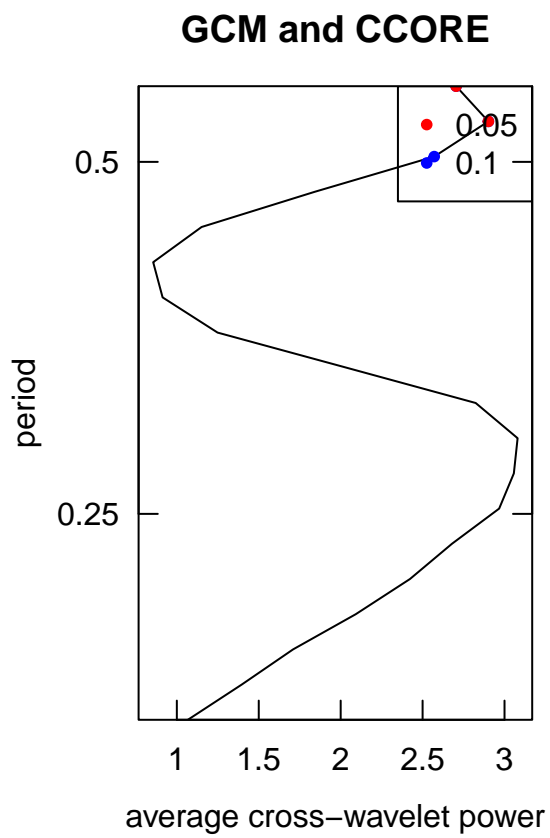


**NOAA and Coral Core**



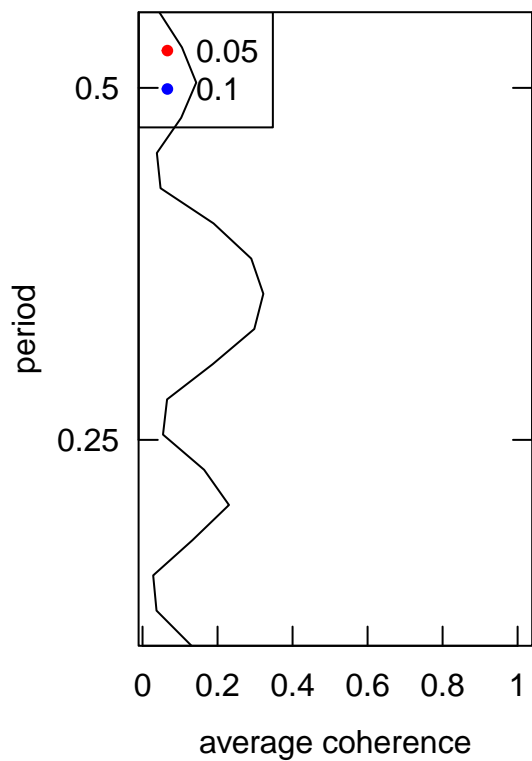
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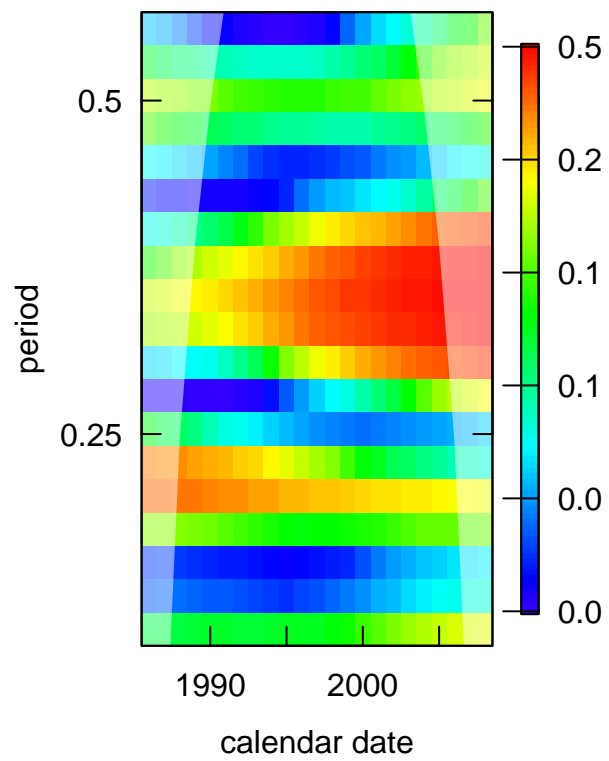


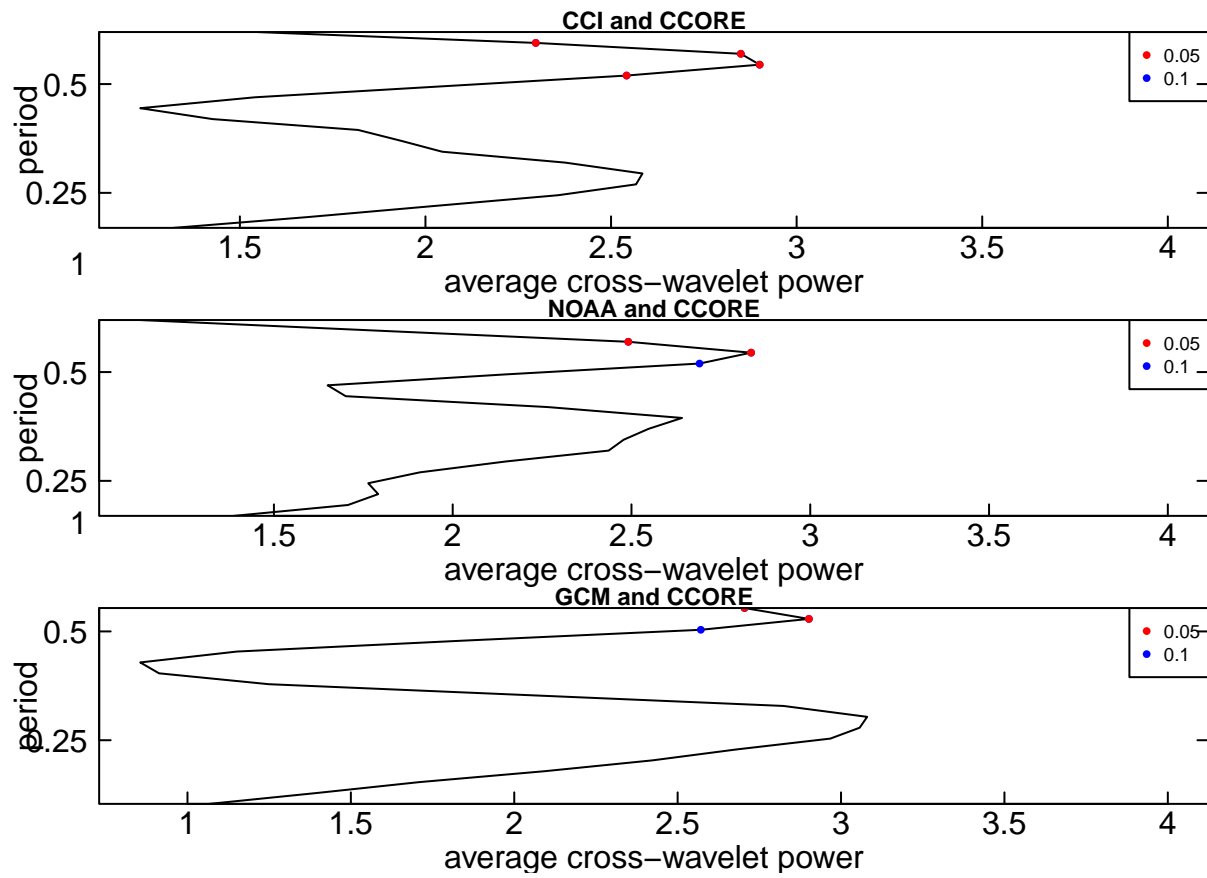


**GCM and Coral Core**

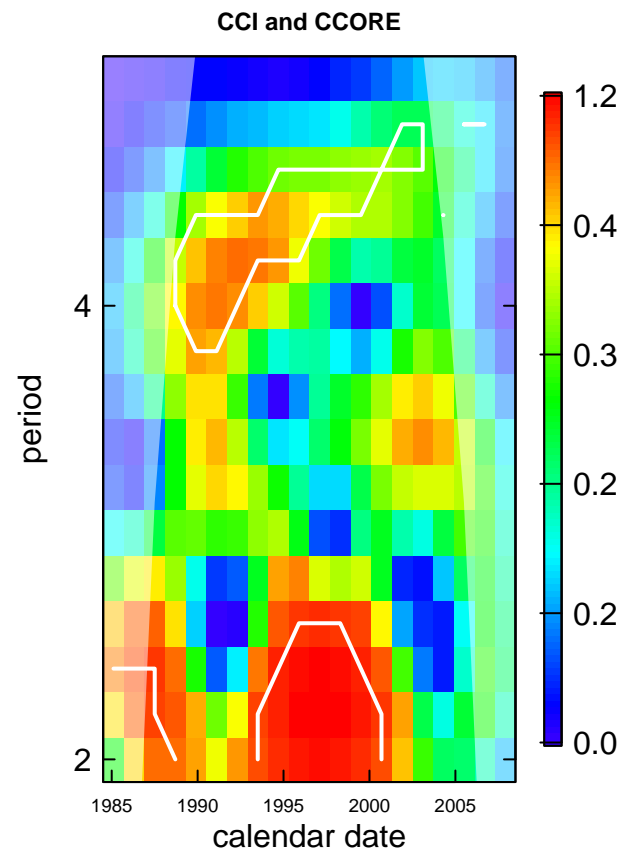
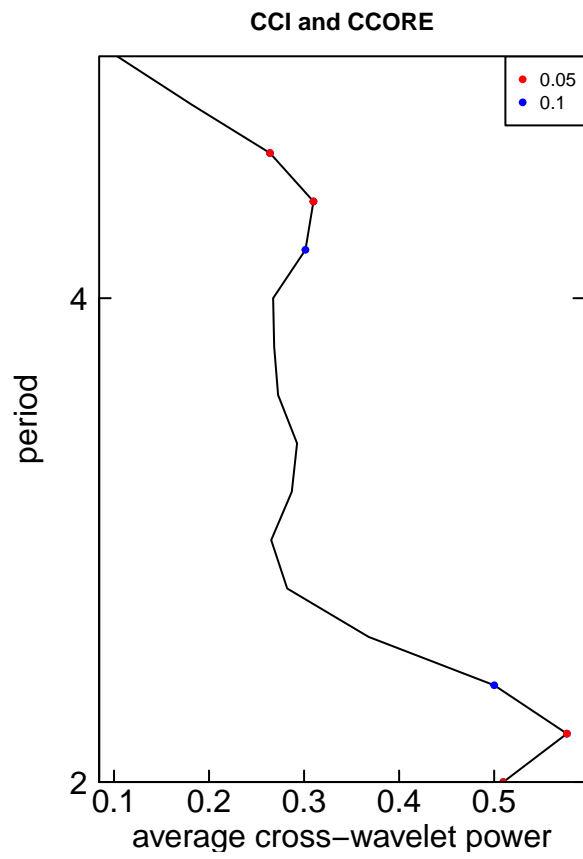


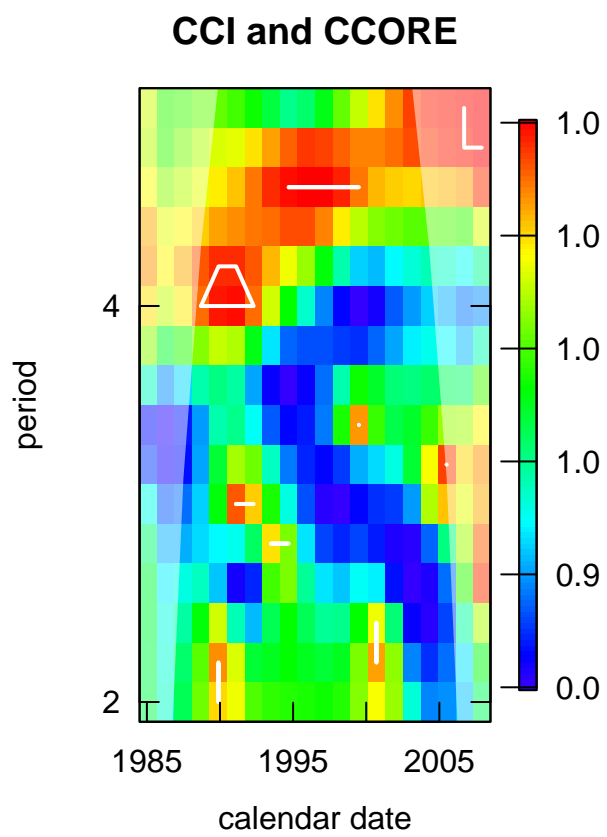
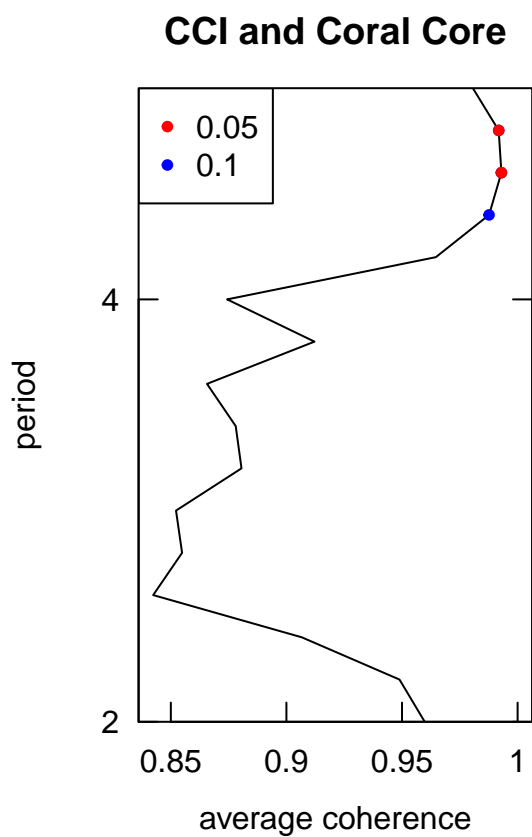
**GCM and CCORE**

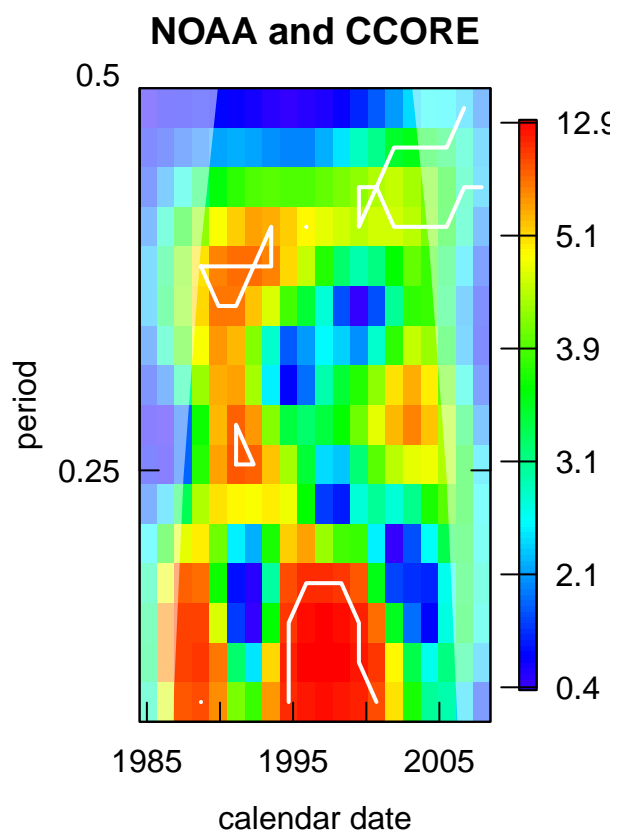
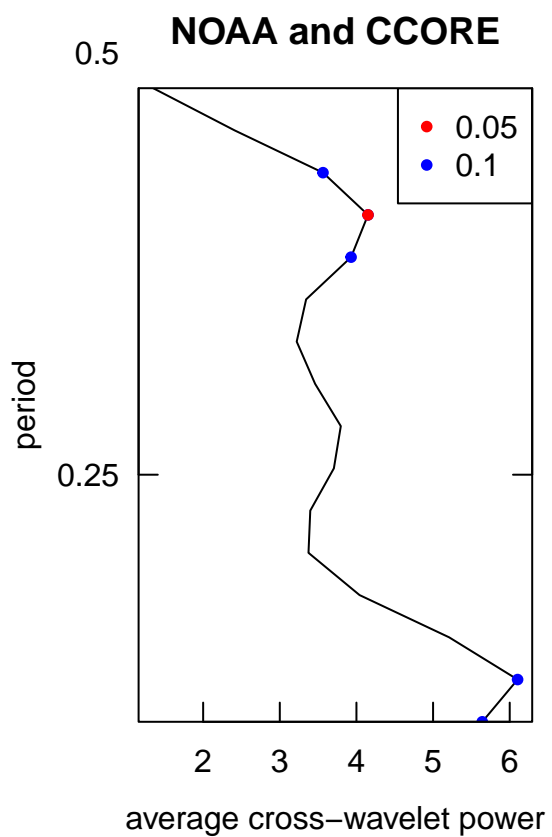


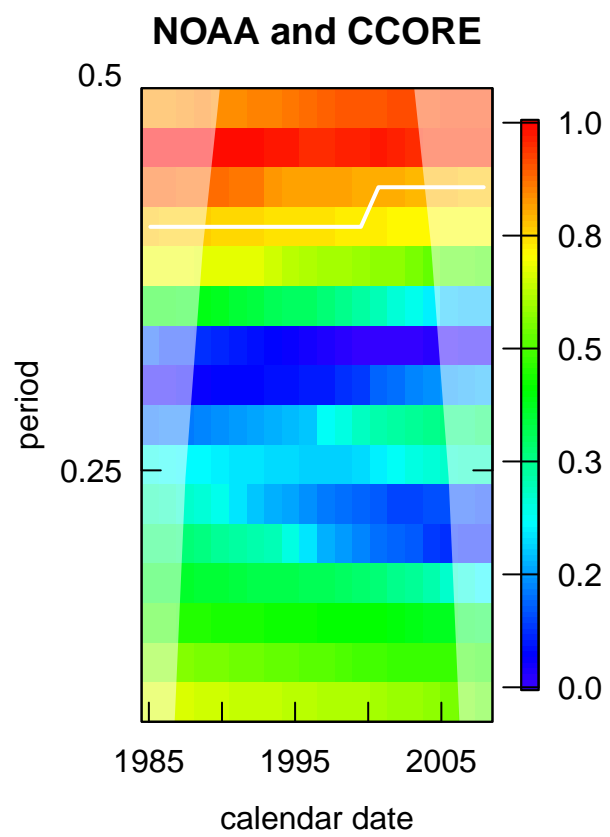
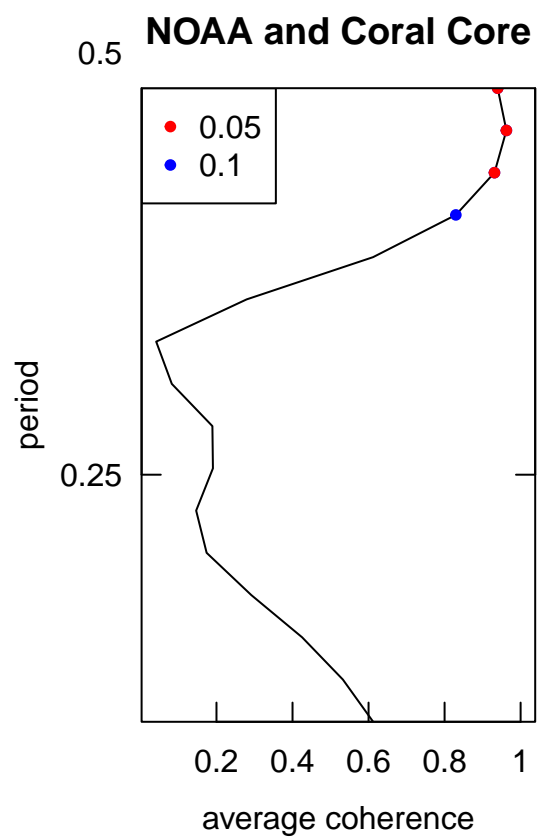


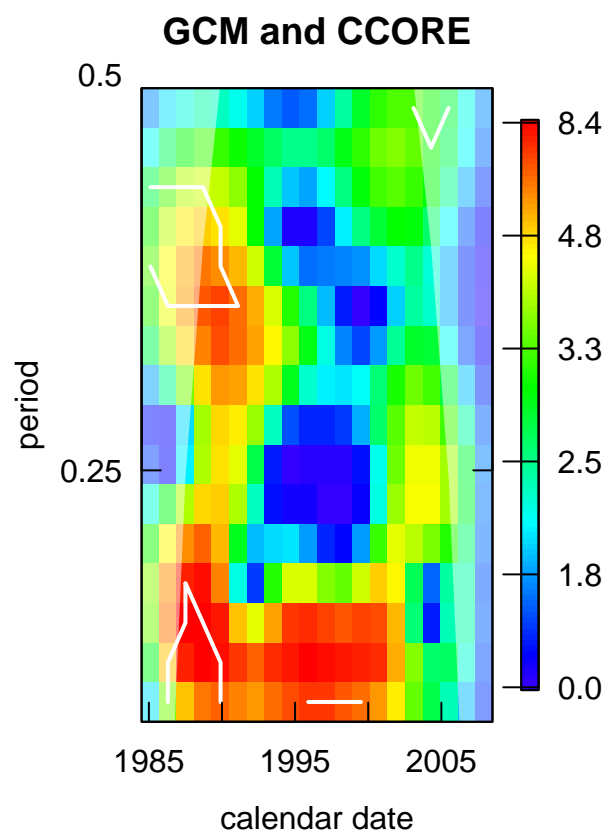
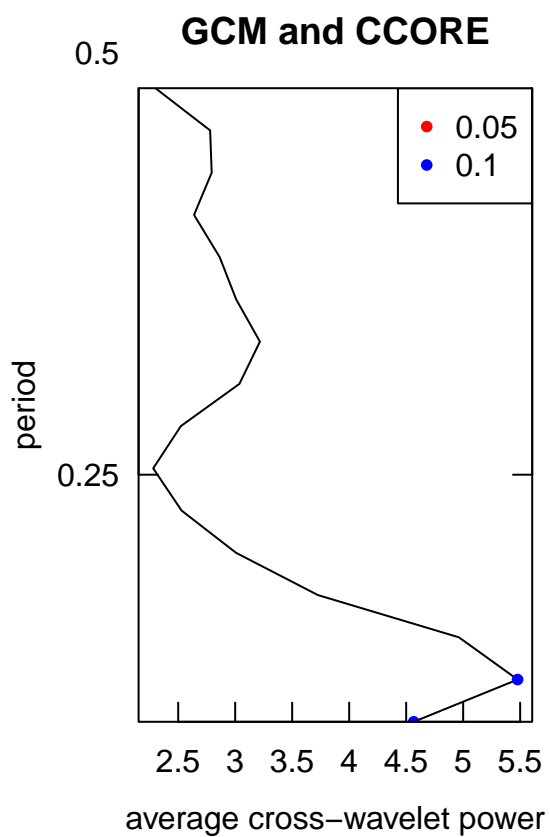
BUN05A

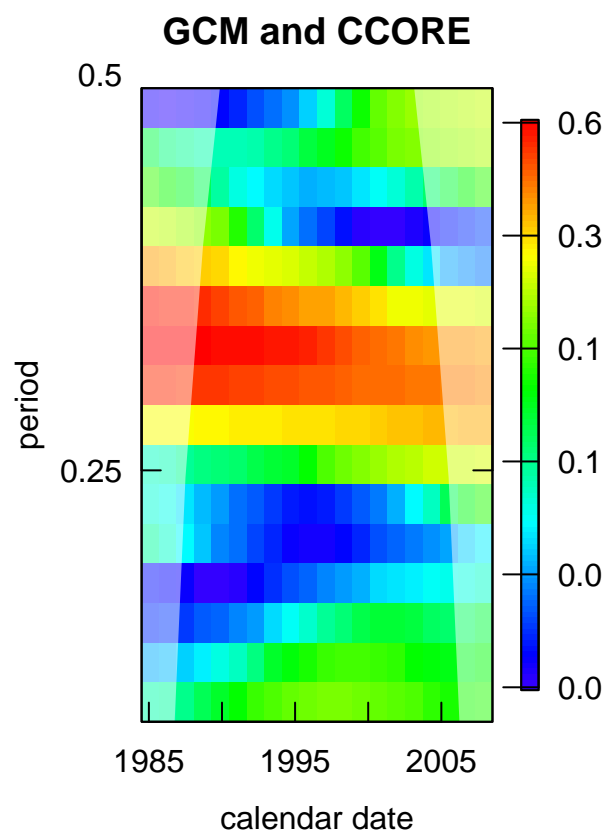
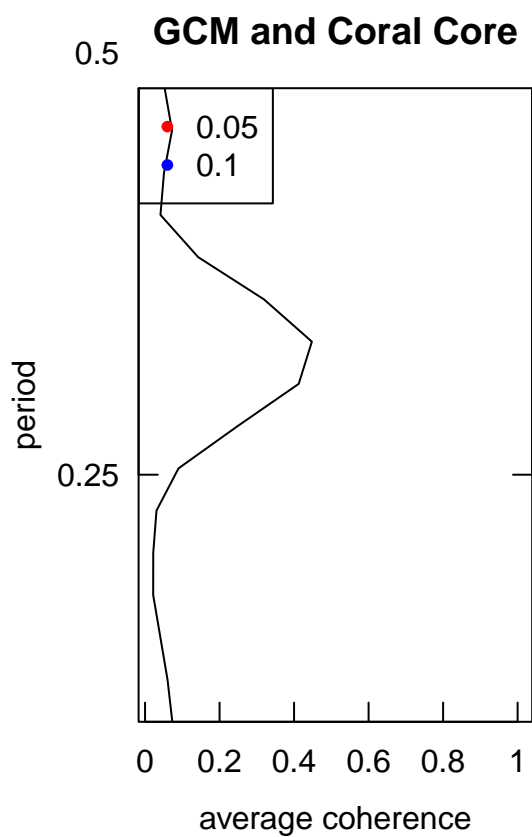




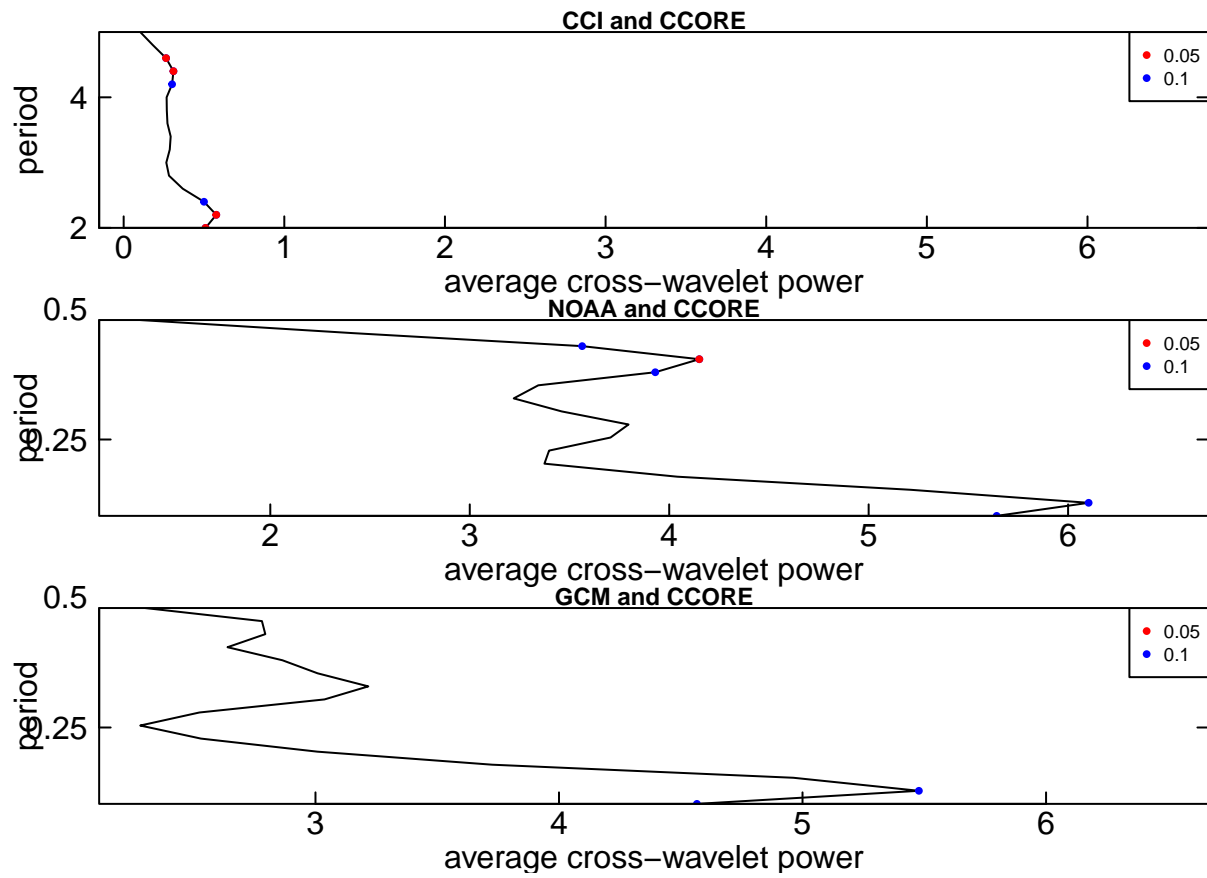




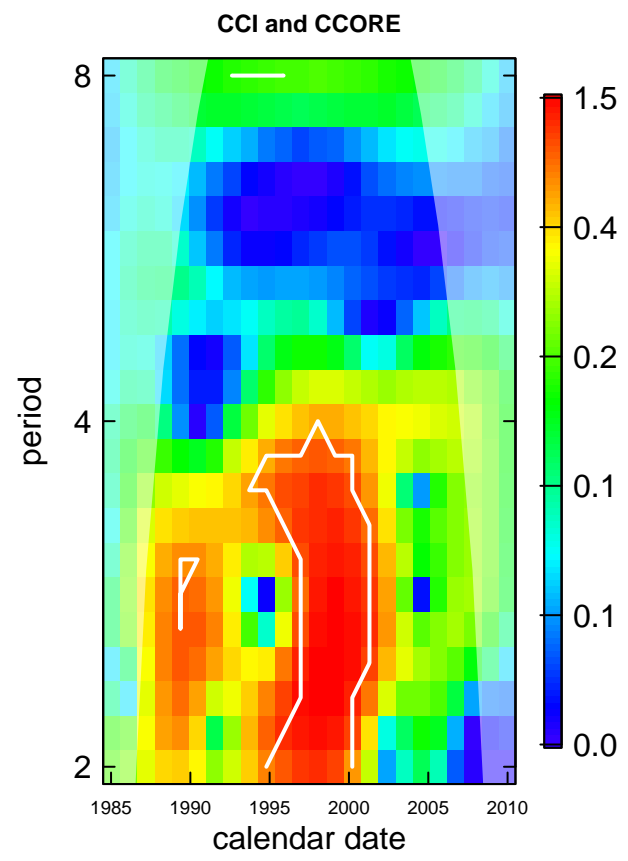
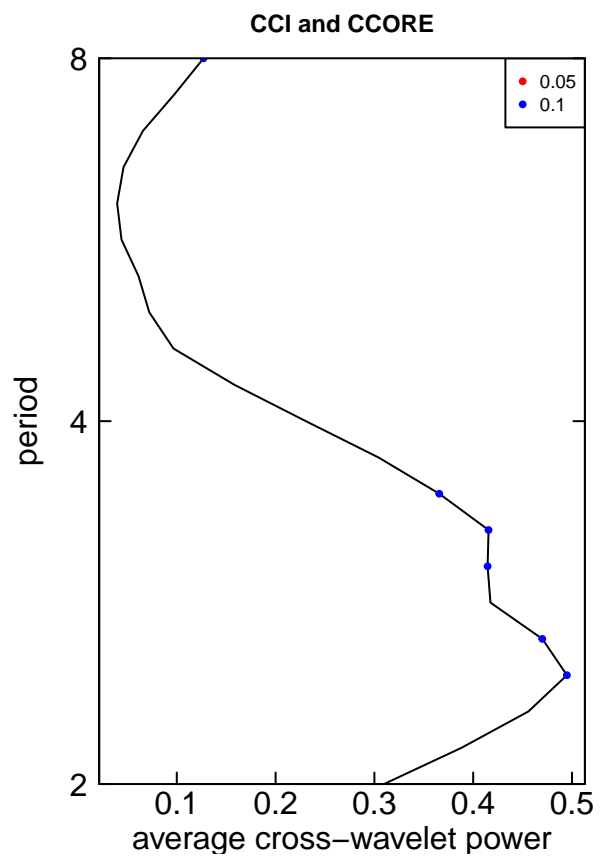


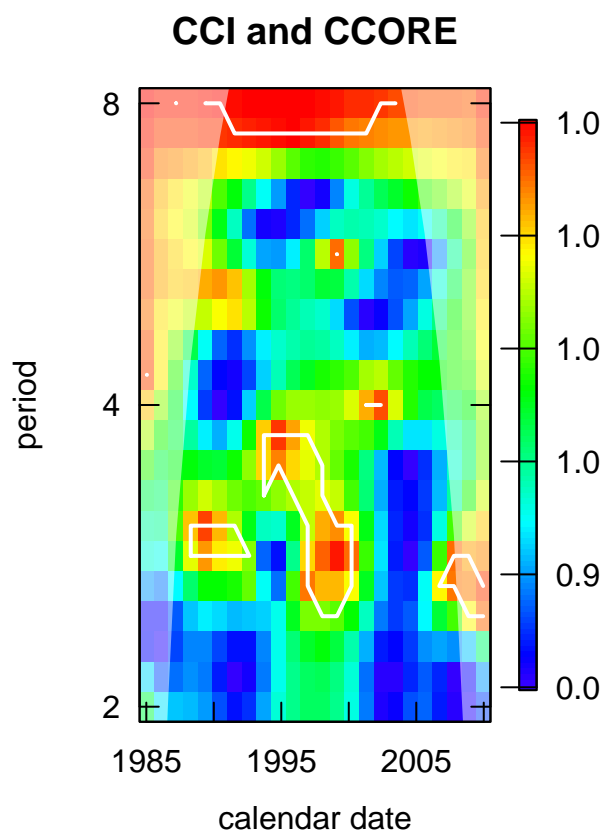
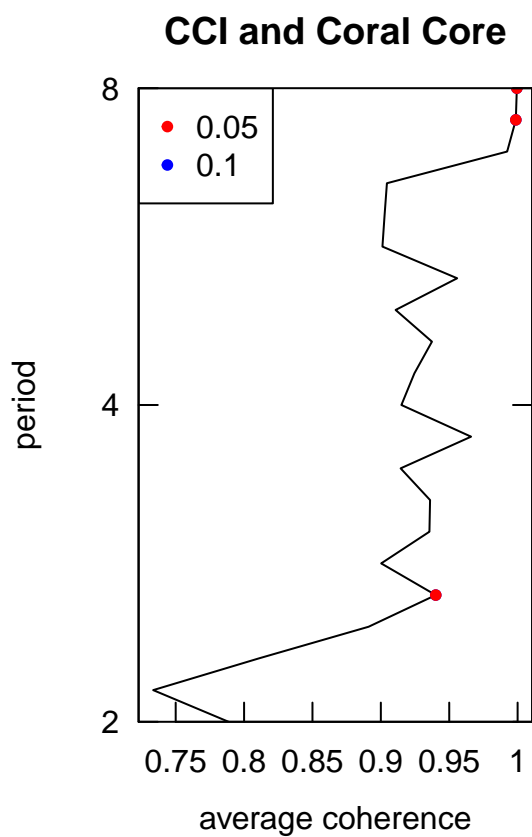




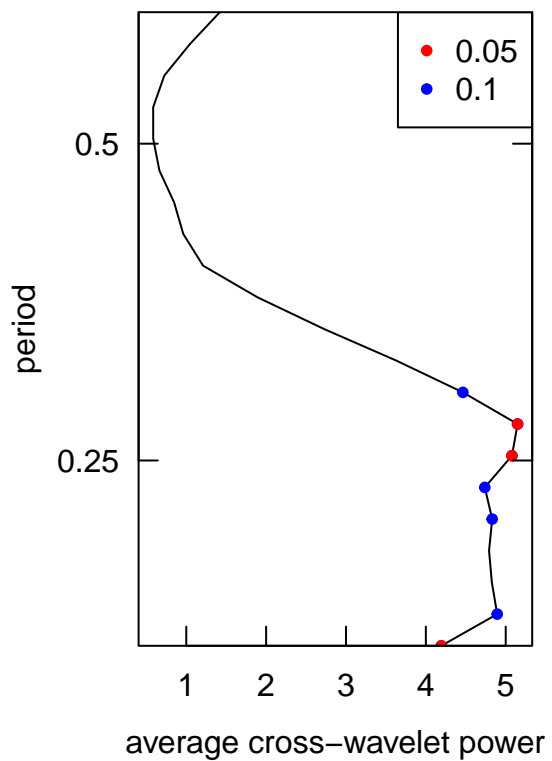


HAB05B

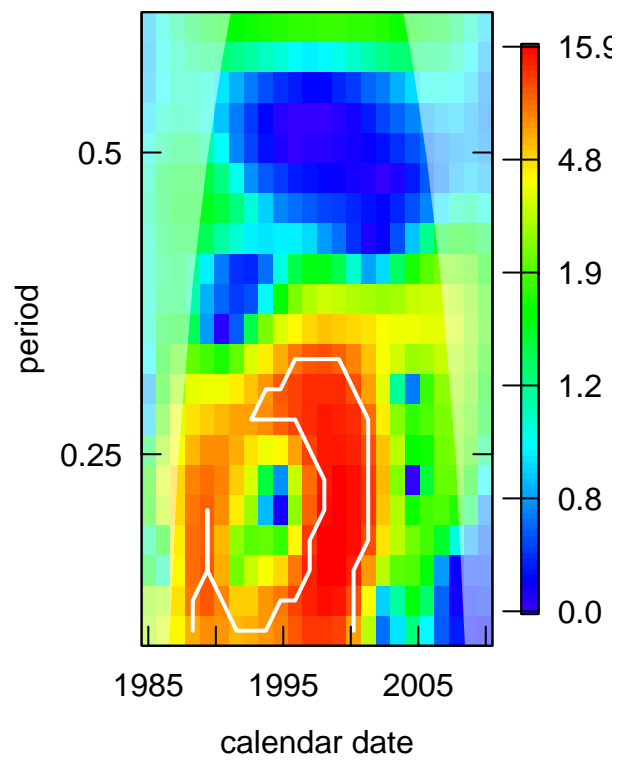




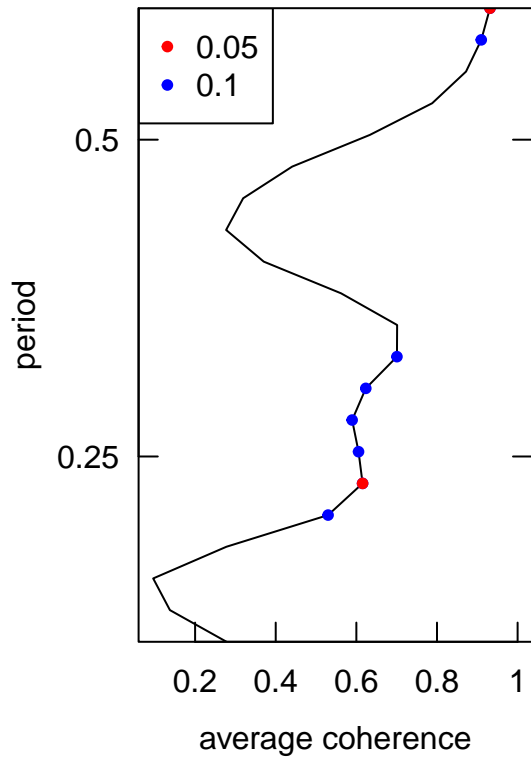
**NOAA and CCORE**



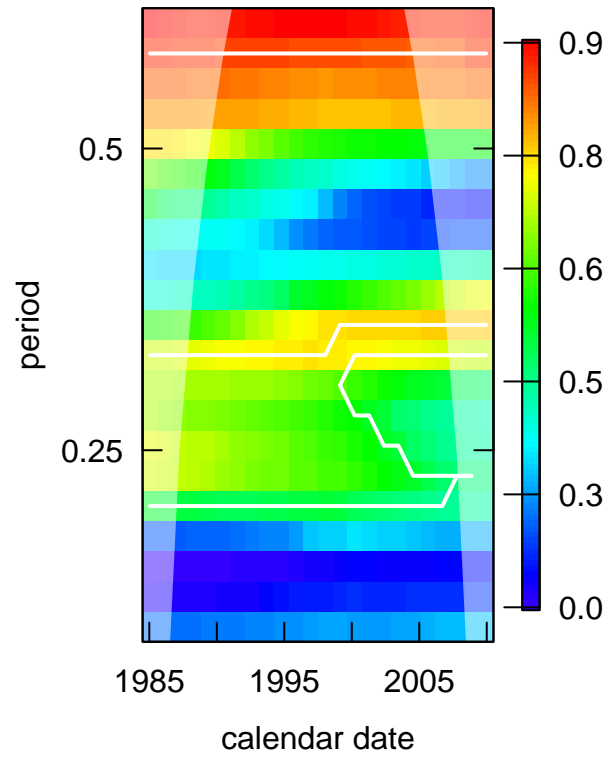
**NOAA and CCORE**



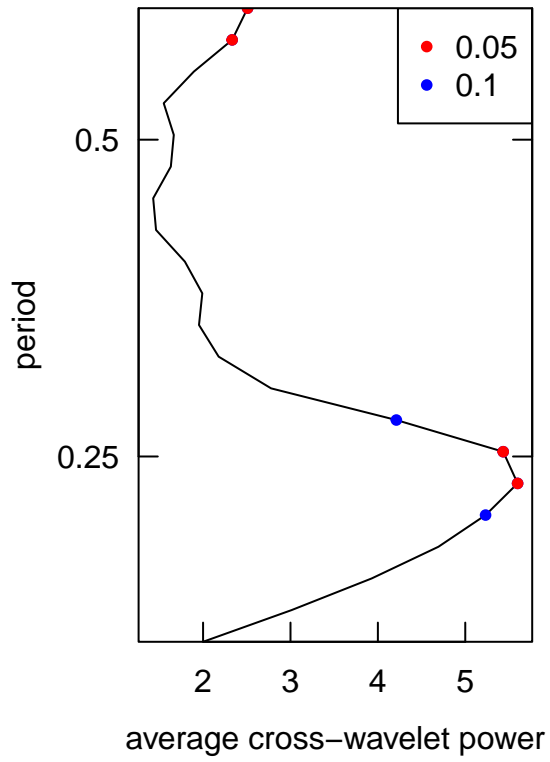
**NOAA and Coral Core**



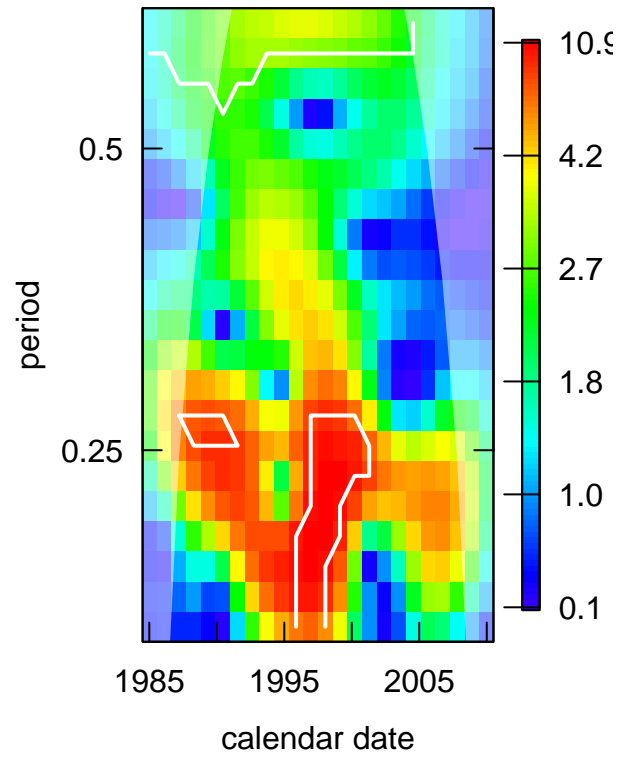
**NOAA and CCORE**



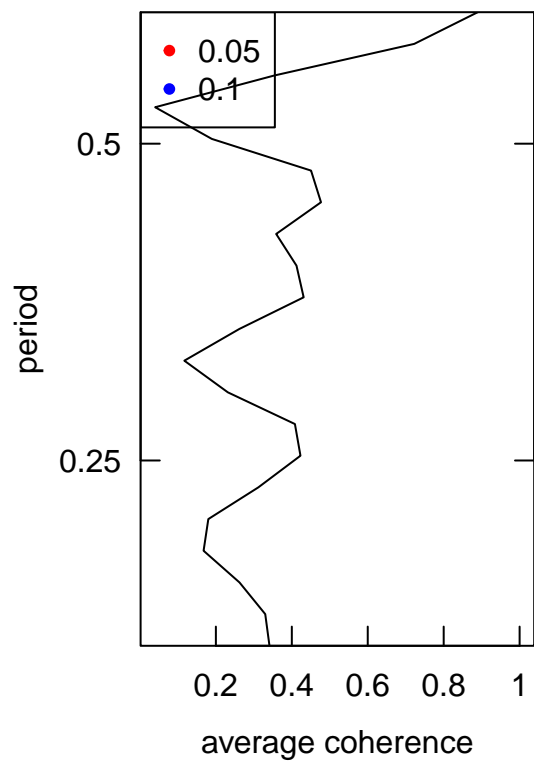
**GCM and CCORE**



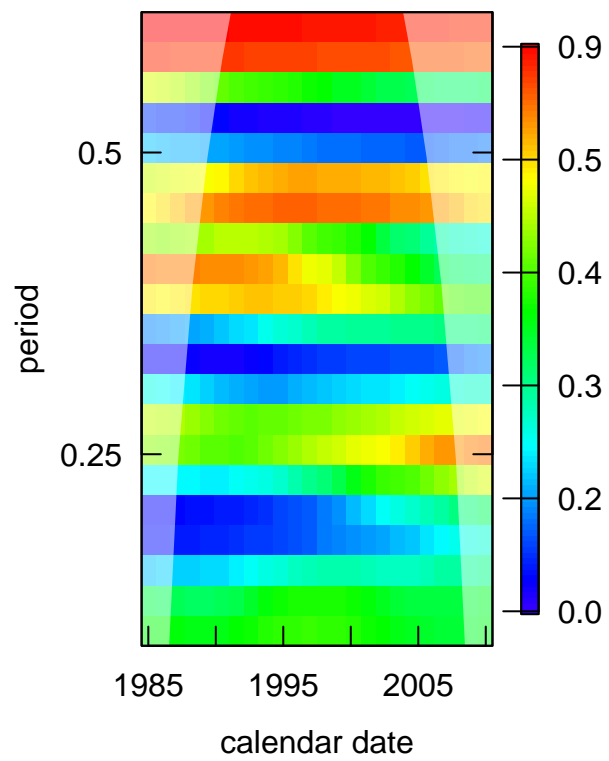
**GCM and CCORE**

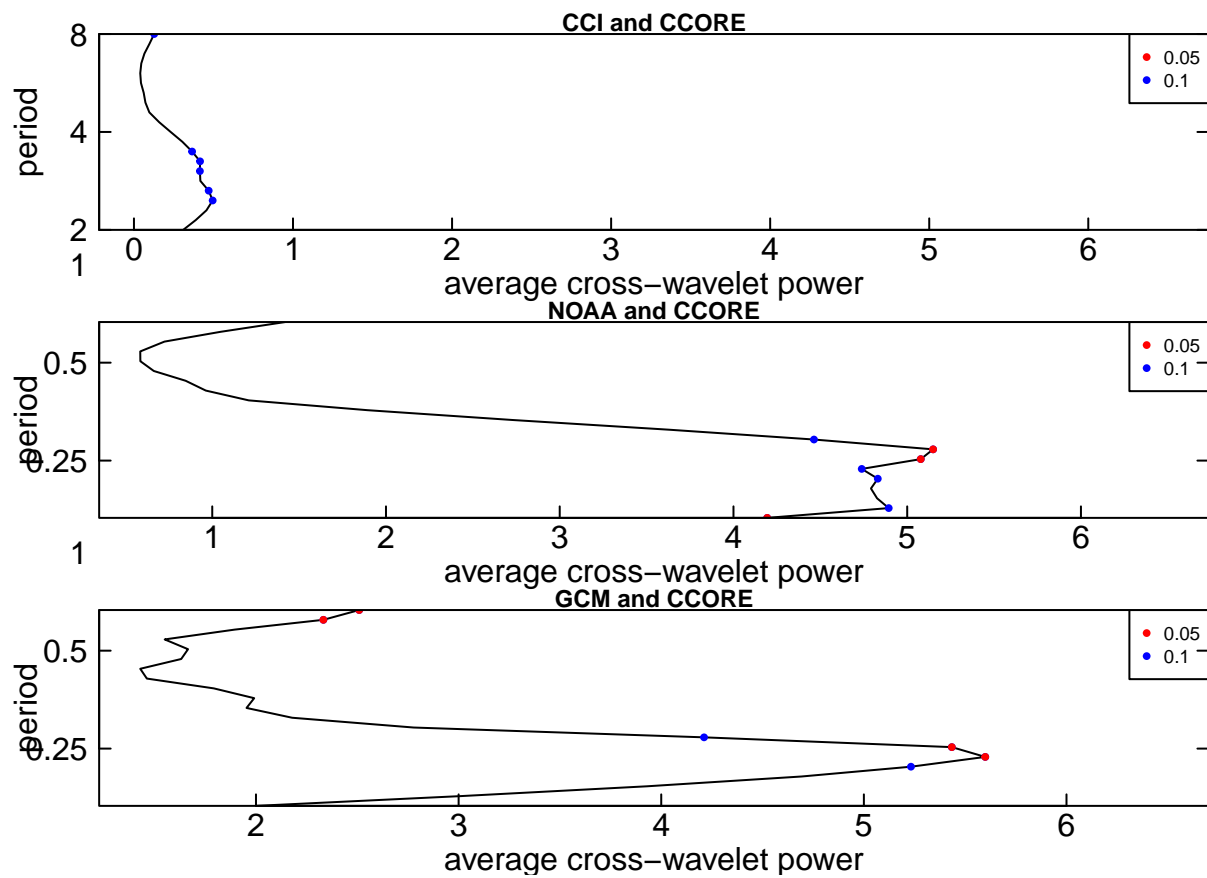


**GCM and Coral Core**

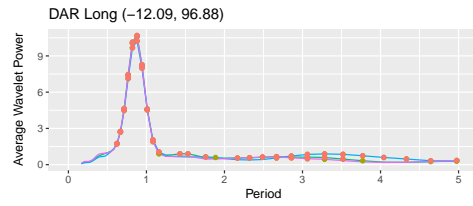


**GCM and CCORE**



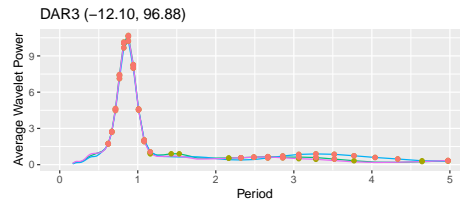






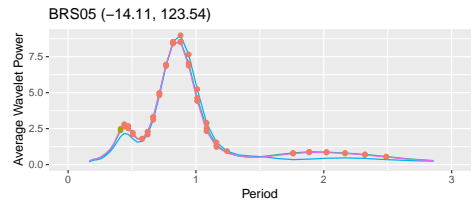
Sig. Level and Series

- 0.05
- 0.1
- CCI and CCore
- GCM and CCore
- NOAA and CCore



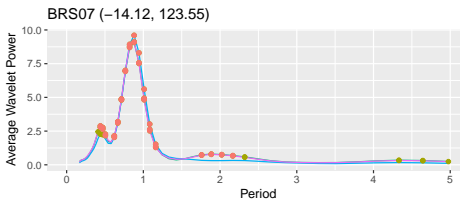
Sig. Level and Series

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- 0.1
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- GCM and CCore
- NOAA and CCore



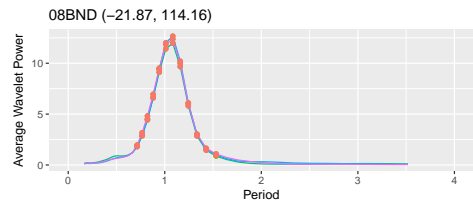
Sig. Level and Series

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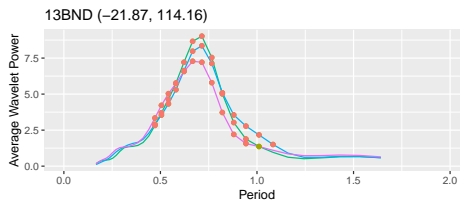
Sig. Level and Series

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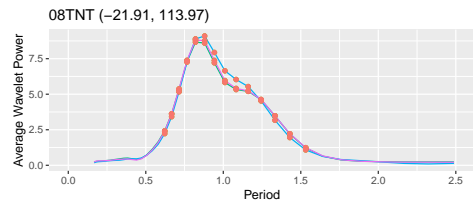
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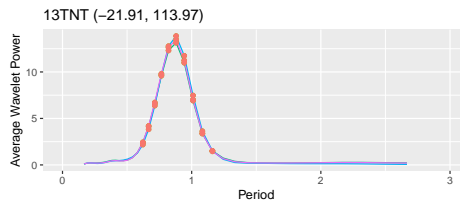
Sig. Level and Series

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