

Report for radially constrained cluster

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## Dataset specifications

Dataset name: ERA\_5

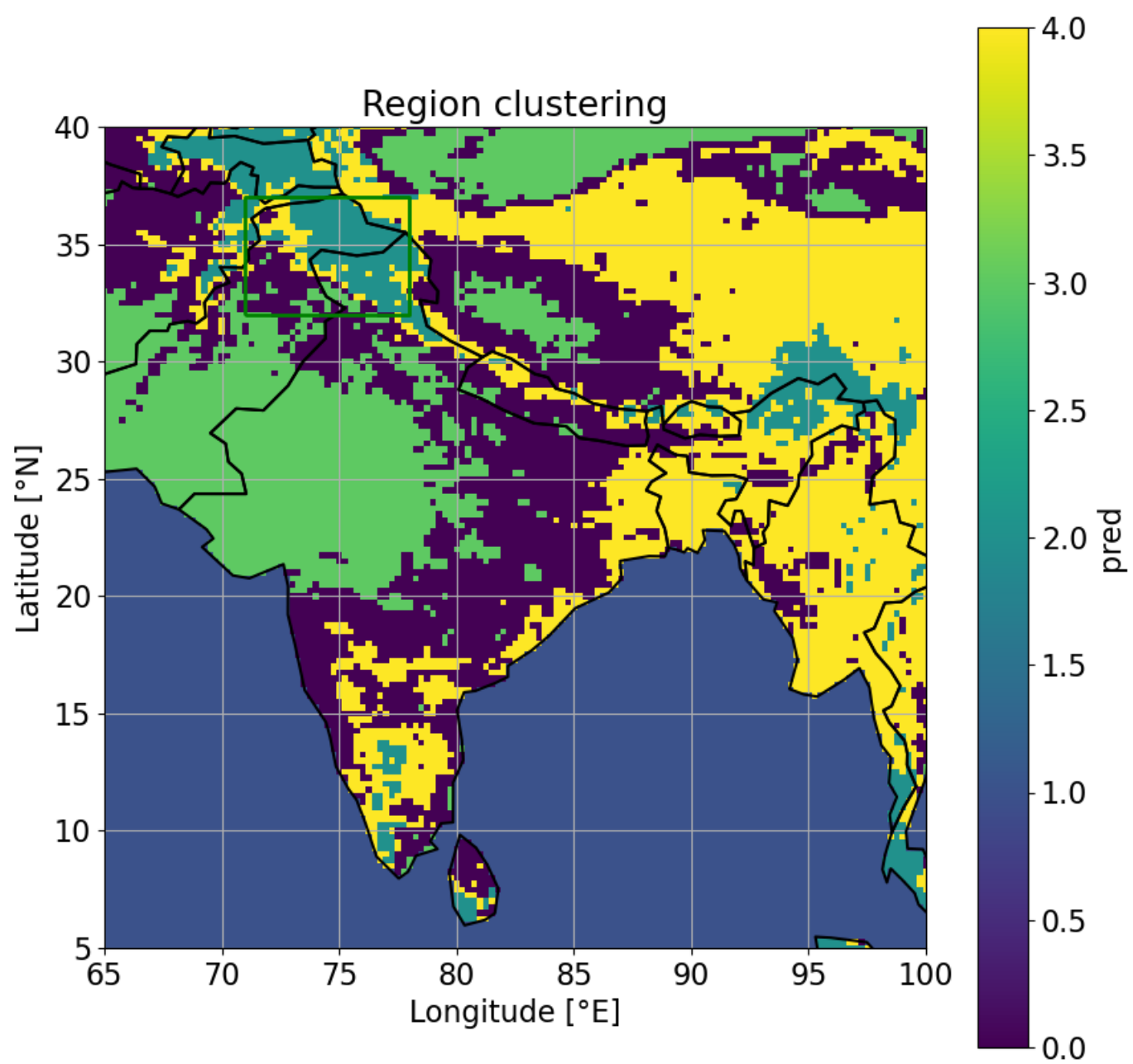
Latitude boundaries: 5.0 - 40.0 ---- Resolution: 0.25

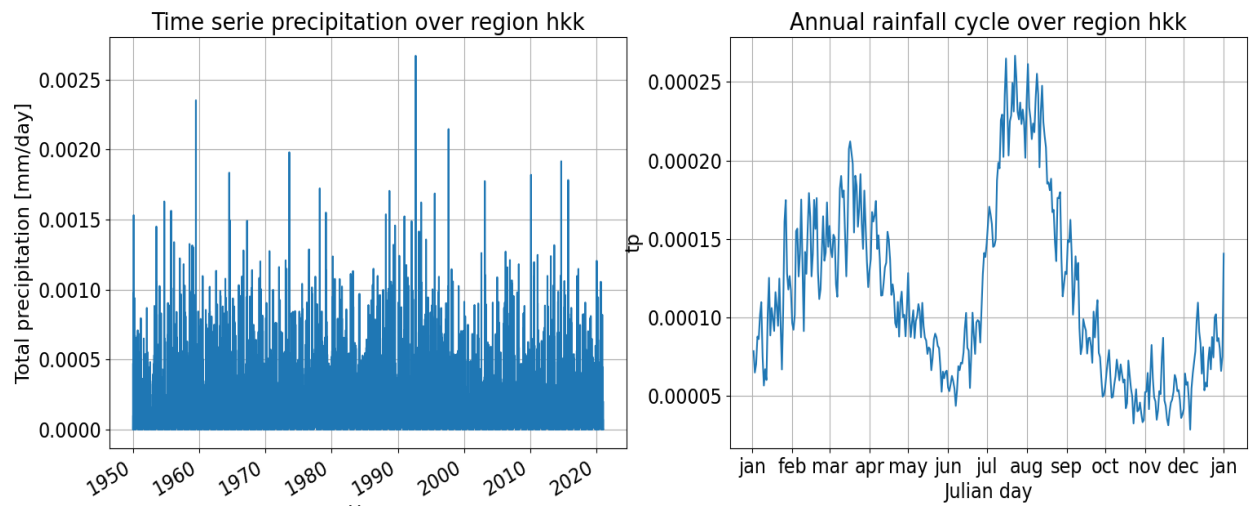
Longitude boundaries: 65.0 - 100.0 ---- Resolution: 0.25

Time boundaries: 1950 - 2020

Dataset linear detrending: False

Number of regions: 5

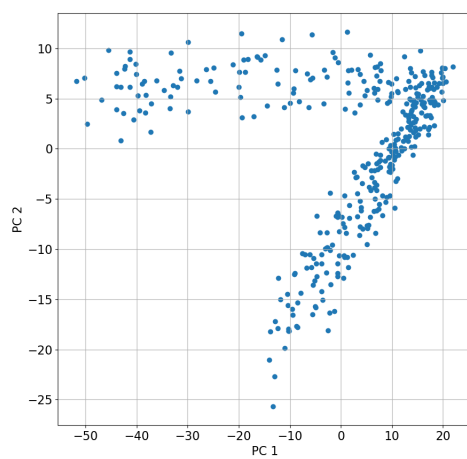
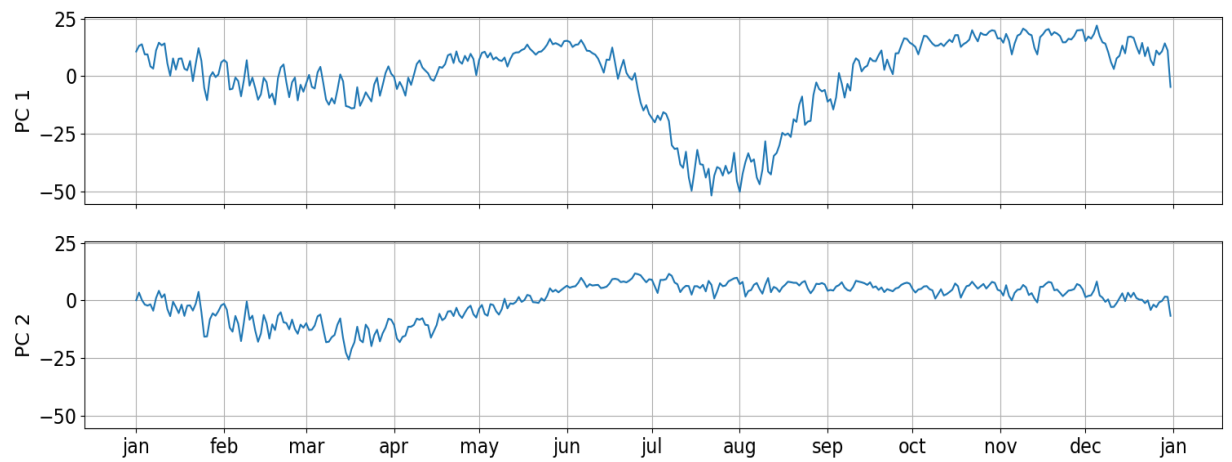




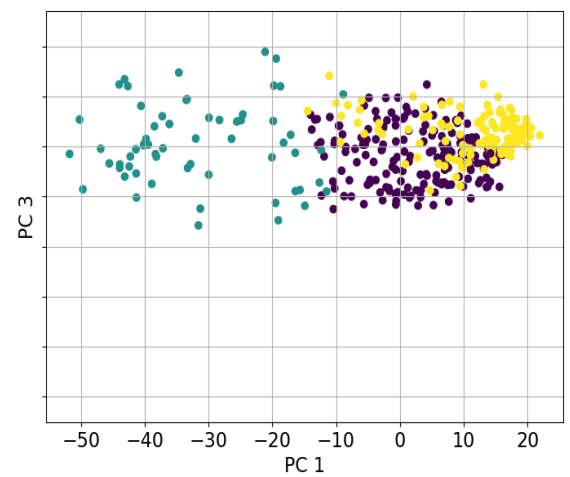
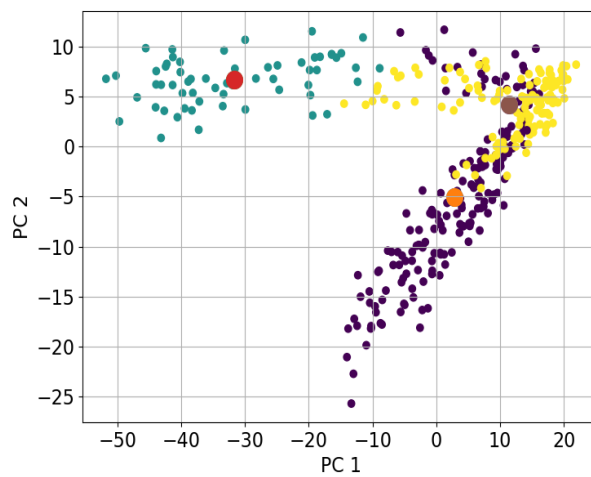
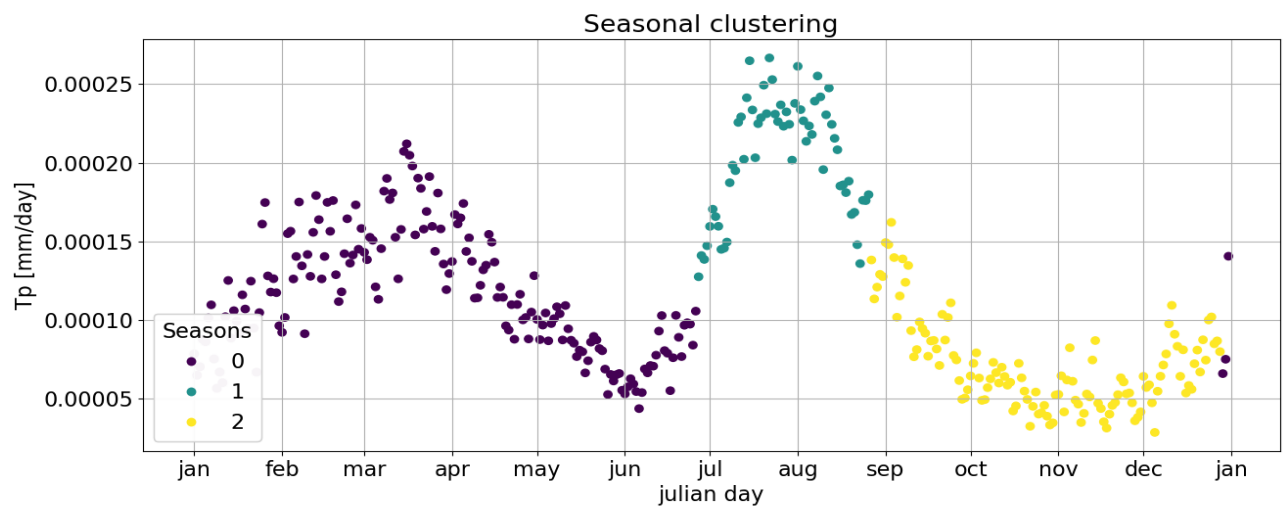
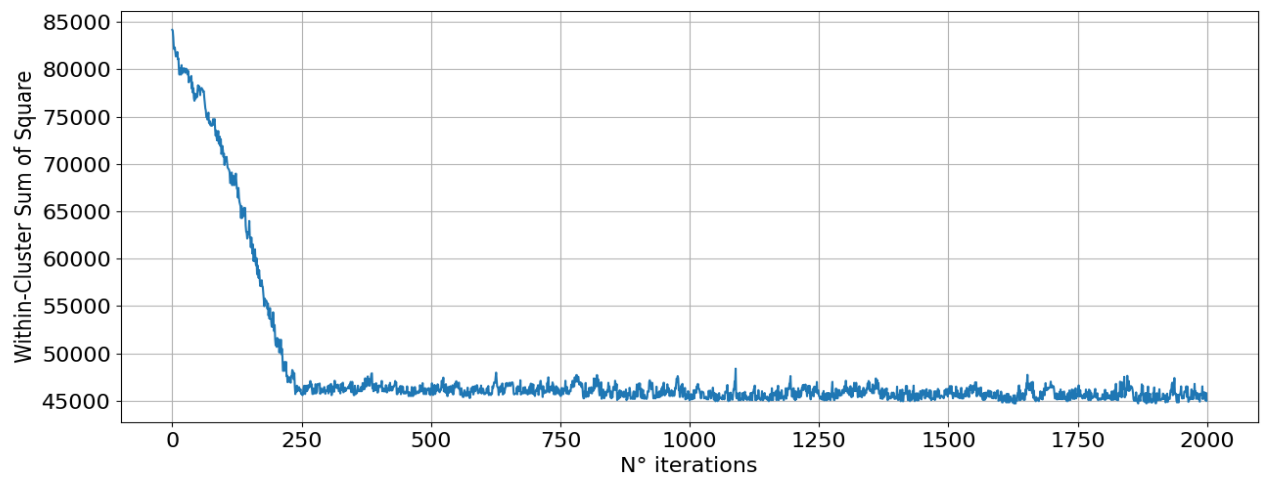
## Spatial clustering

Number of EOF's component: 4

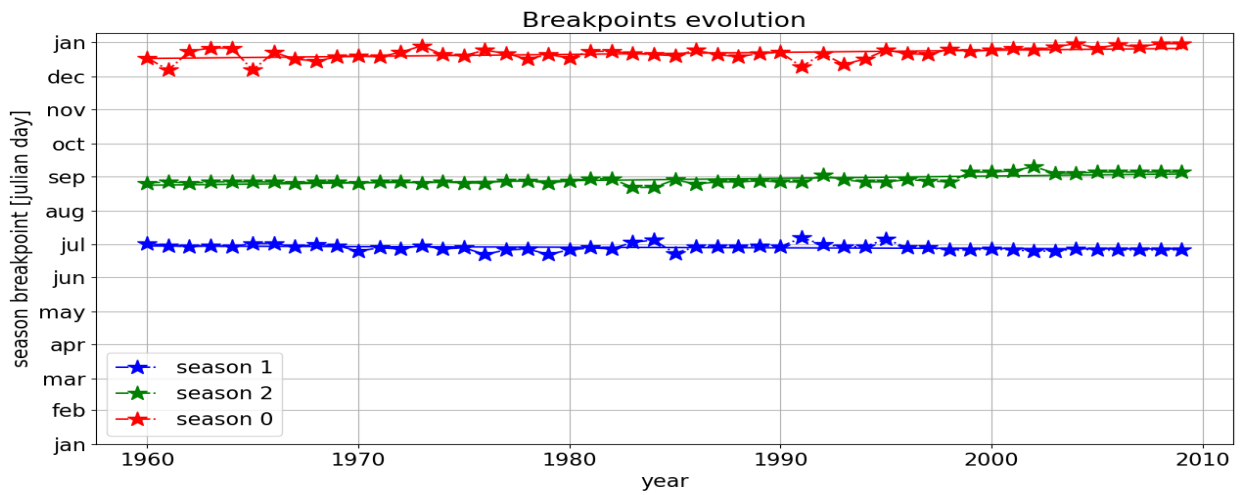
Region selected: hkk



N season: 3



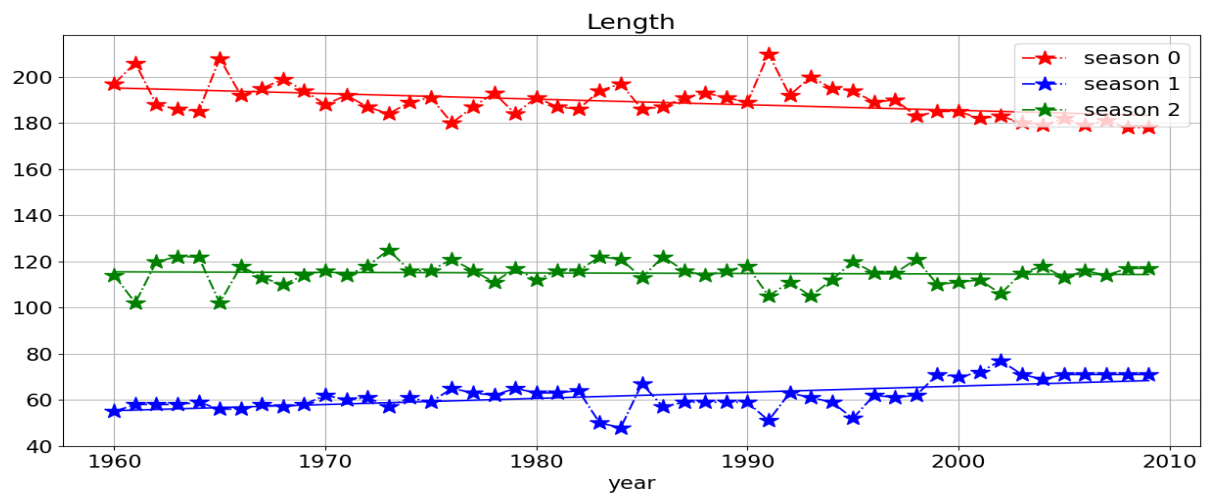
Step for rolling mean: 20



[season 1 - Trend -0.0562785114045617 - sign True - p\_value 0.002776520480116673]

[season 2 - Trend 0.20974789915966546 - sign True - p\_value 3.258537690786767e-07]

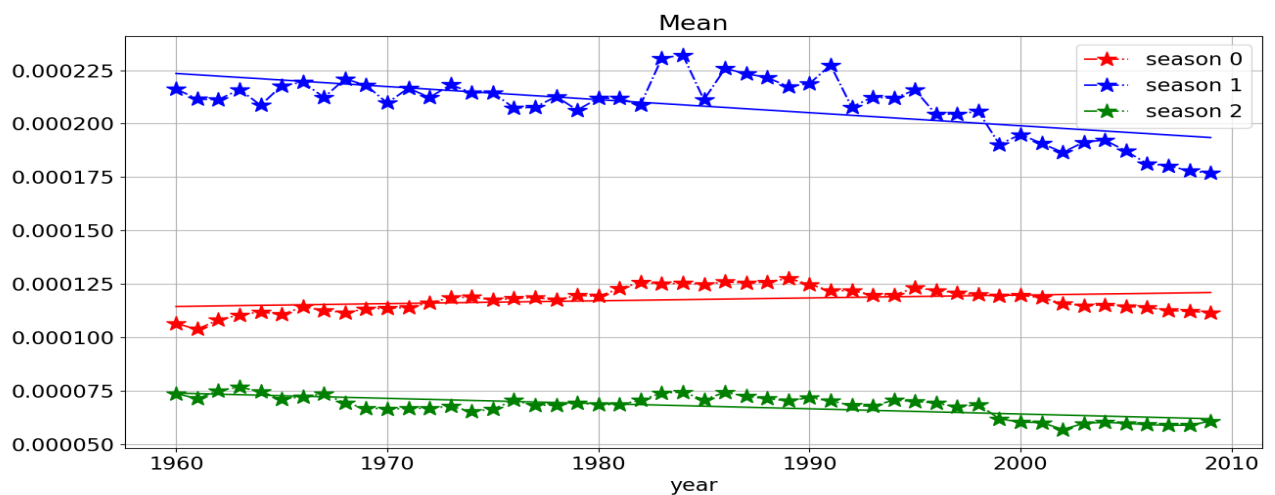
[season 0 - Trend 0.18641056422569233 - sign True - p\_value 6.970234444292345e-05]



[season 0 - Trend -0.2426890756302527 - sign True - p\_value 0.00013778796237651214]

[season 1 - Trend 0.2660264105642264 - sign True - p\_value 1.4631555442790045e-06]

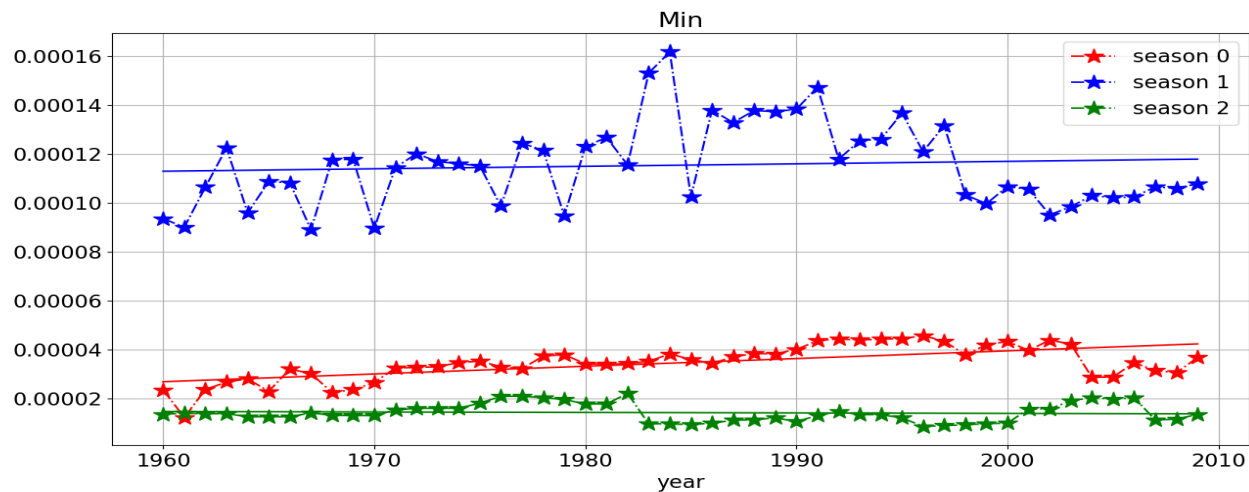
[season 2 - Trend -0.023337334933972907 - sign False - p\_value 0.4695361018125497]



[season 0 - Trend 1.3301377823366173e-07 - sign True - p\_value 0.023913782361493885]

[season 1 - Trend -6.116532765626296e-07 - sign True - p\_value 1.0024470937786134e-05]

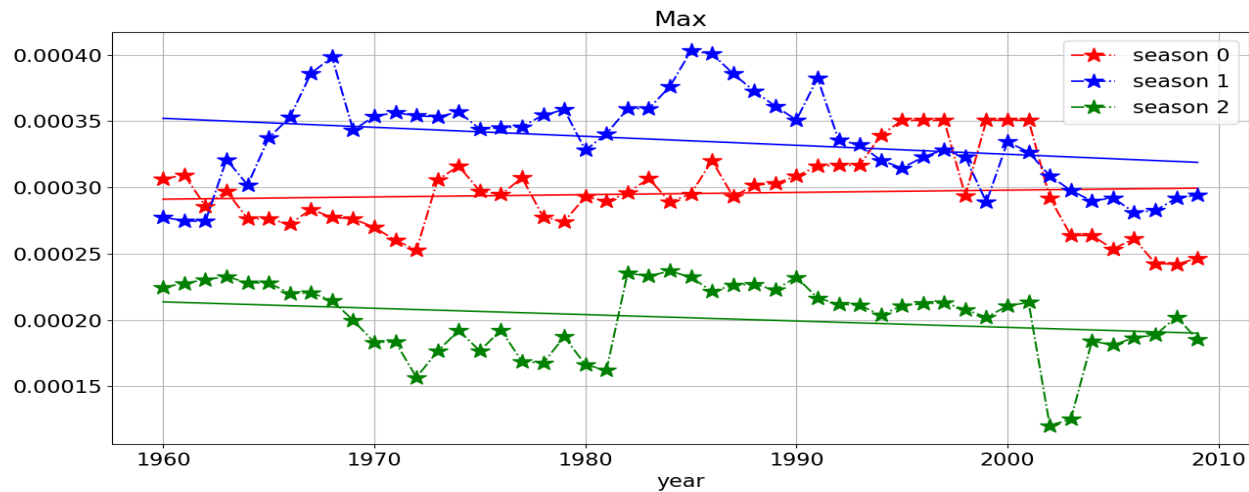
[season 2 - Trend -2.446175505178522e-07 - sign True - p\_value 1.0024470937786134e-05]



[season 0 - Trend 3.151533778303785e-07 - sign True - p\_value 2.3474361565689605e-07]

[season 1 - Trend 1.0078477252292662e-07 - sign False - p\_value 0.4616652888240169]

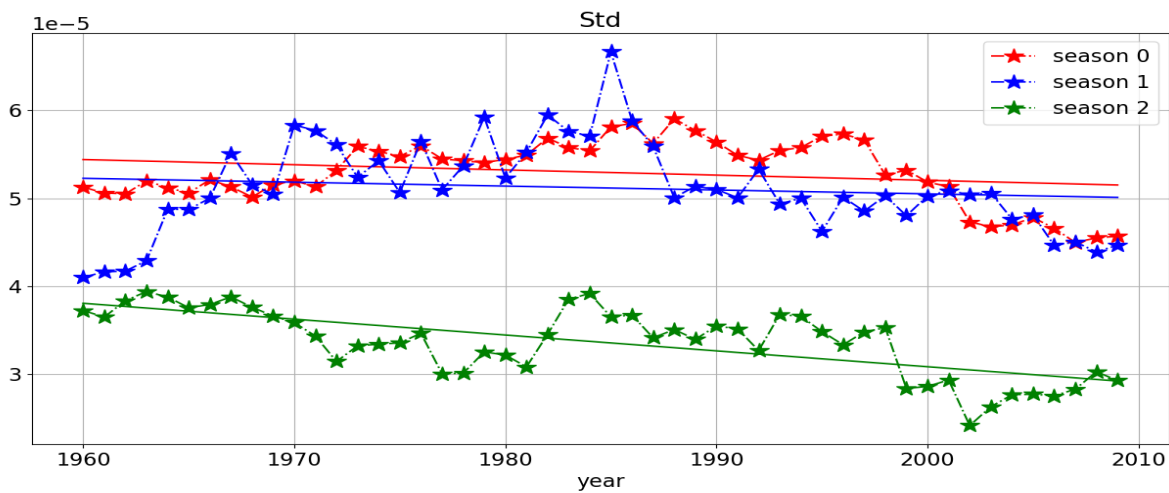
[season 2 - Trend -1.9479051262664634e-08 - sign False - p\_value 0.6157438685767163]



[season 0 - Trend 1.7053162844545366e-07 - sign False - p\_value 0.3073612547919582]

[season 1 - Trend -6.773477542635672e-07 - sign True - p\_value 0.026077736353672165]

[season 2 - Trend -4.811614608847161e-07 - sign True - p\_value 0.016740900457430152]



[season 0 - Trend -5.9103129176134865e-08 - sign False - p\_value 0.9466462968761904']

[season 1 - Trend -4.435691268782652e-08 - sign False - p\_value 0.09108512034092864']

[season 2 - Trend -1.804065896514842e-07 - sign True - p\_value 2.588270397341219e-06']

Step for rolling mean: 30

