Report for radially constrained cluster

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Created 2022-09-26 16:11:36.701267

Dataset specifications
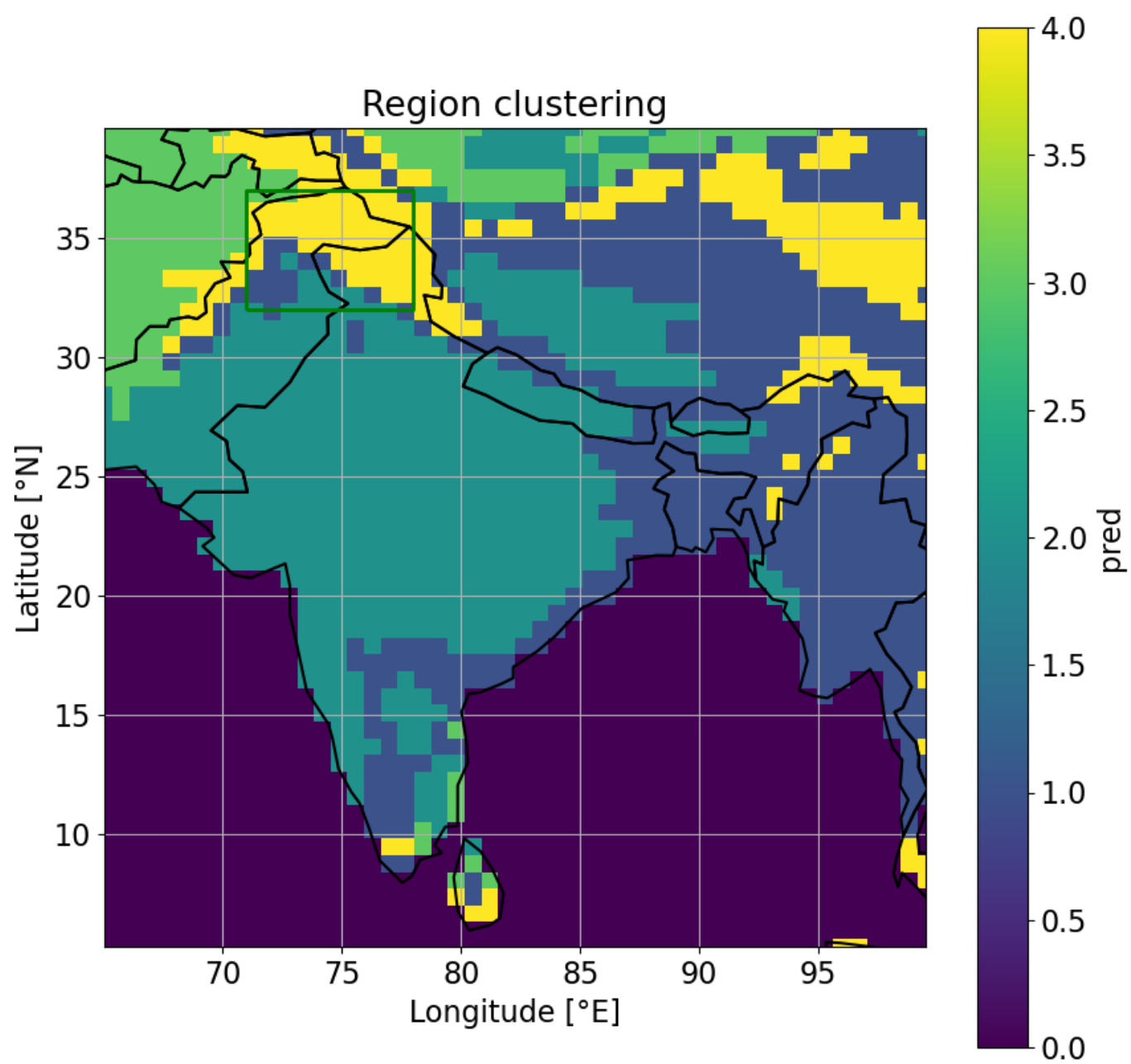
Dataset name: EC-EARTH History + SSP585

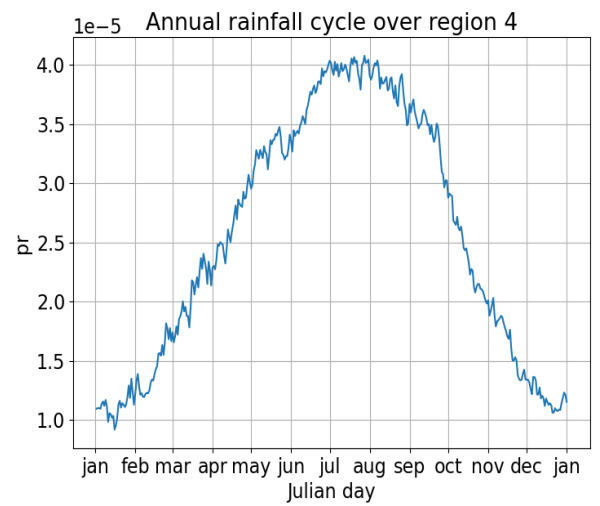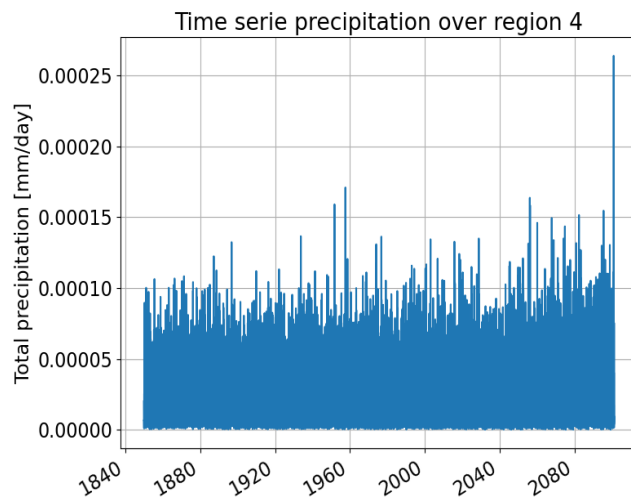Latitude boundaries: 5.26314786704318 - 39.649032596592 ---- Resolution: 0.7017530398021599

Longitude boundaries: 65.0390625 - 99.4921875 ---- Resolution: 0.703125

Time boundaries: 1850 - 2100

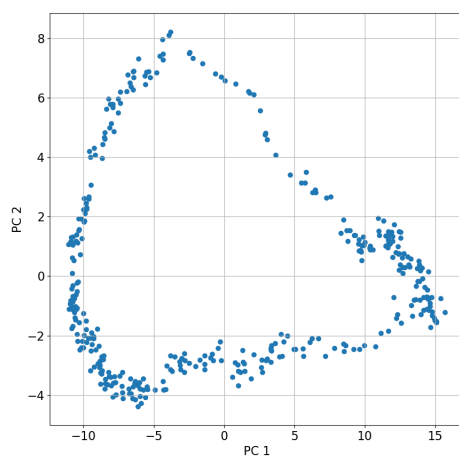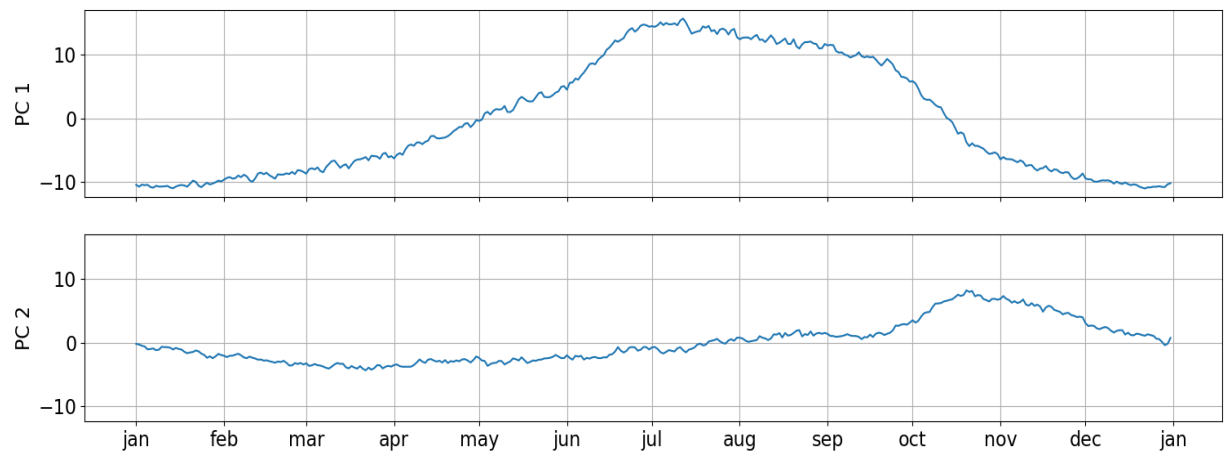Dataset linear detrending: False

Number of regions: 5

Region clustering

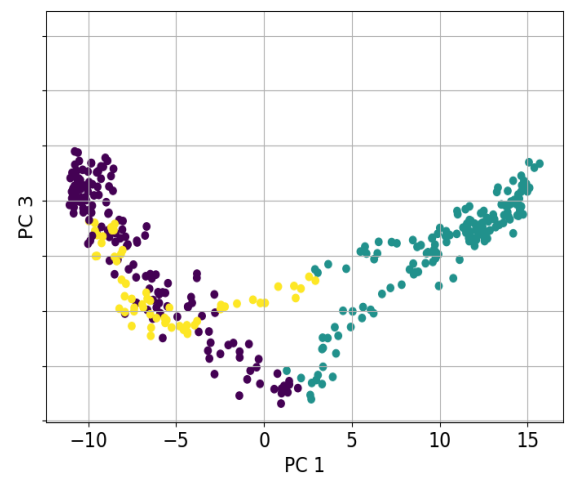Time serie precipitation over region 4
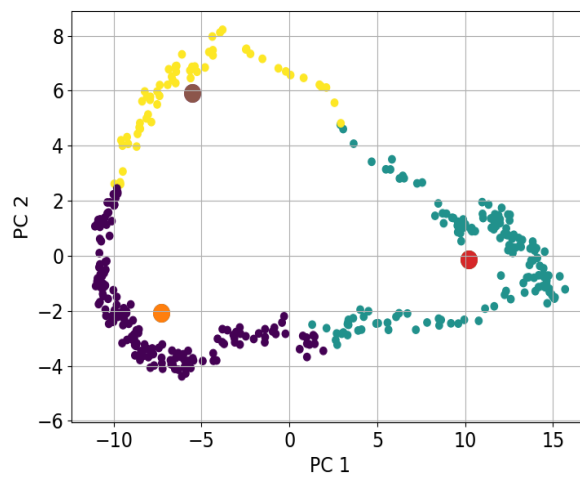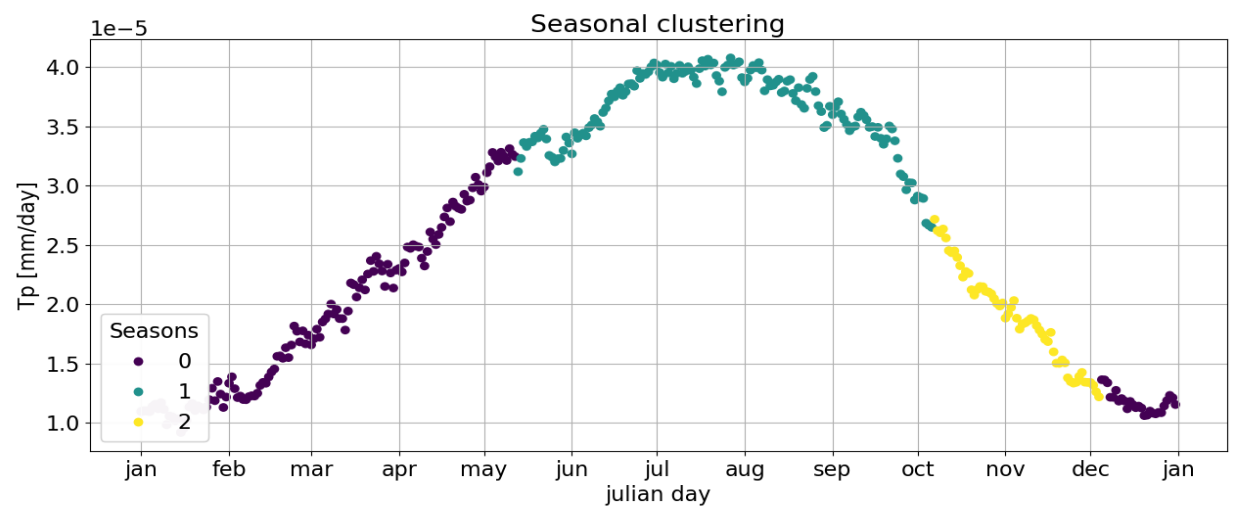
Annual rainfall cycle over region 4

Spatial clustering

Number of EOF's component: 4

Region selected: 4
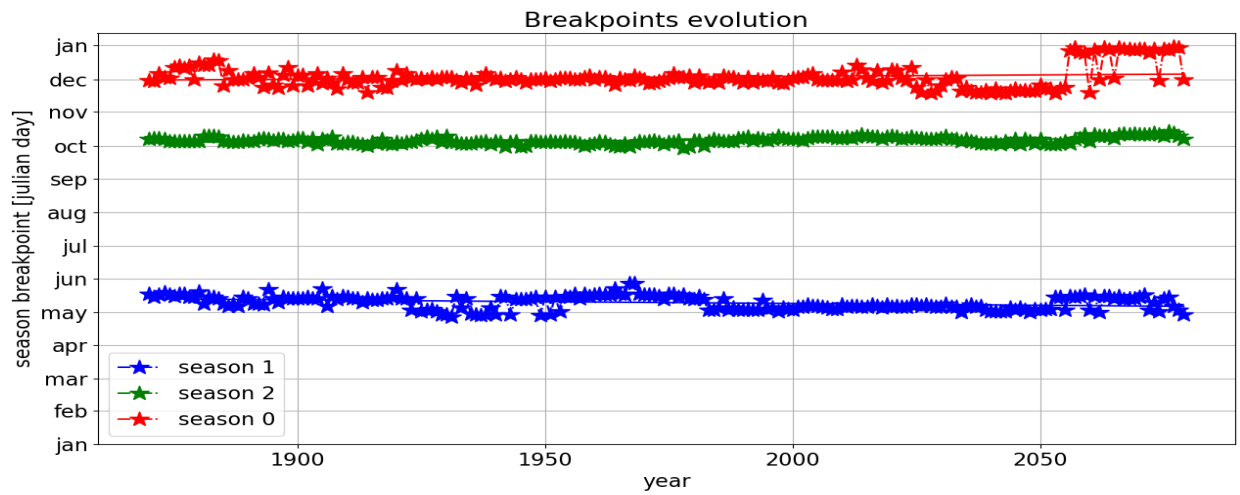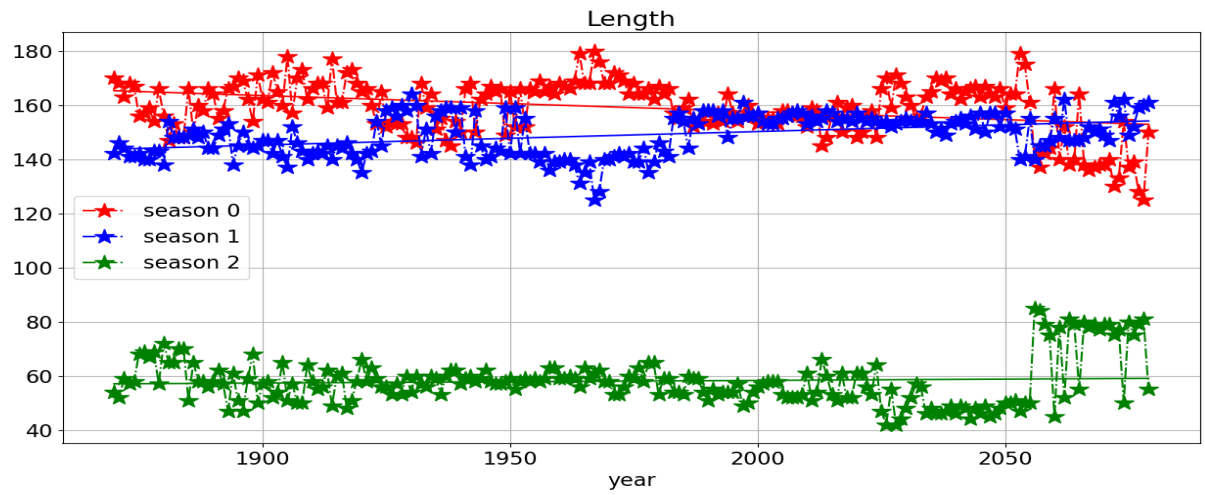

N season: 3
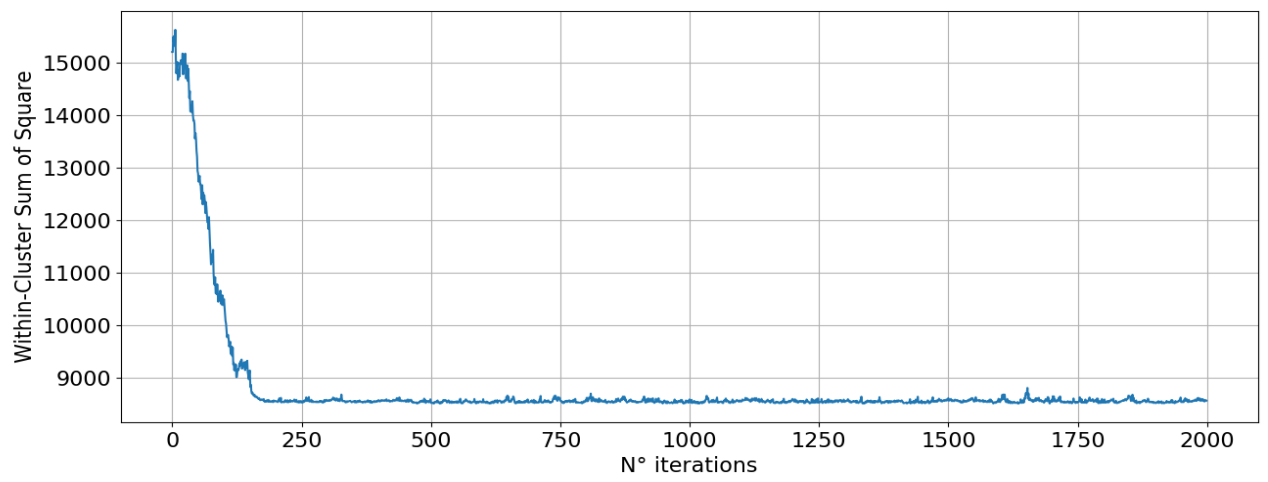
Step for rolling mean: 40

Breakpoints evolution

['season 1 - Trend -0.033038650050373694 - sign True - p_value 1.3295358197717988e-05']

['season 2 - Trend 0.01661974842319062 - sign True - p_value 3.4317234596237256e-06']

['season 0 - Trend 0.026281775096940647 - sign False - p_value 0.15956445796872787']

Length

['season 0 - Trend -0.059320425147314684 - sign True - p_value 4.24313444291613e-05']

['season 1 - Trend 0.049658398473564326 - sign True - p_value 2.567800336583659e-06']

['season 2 - Trend 0.0096620026673750155 - sign True - p_value 0.008667120075965373']

Mean
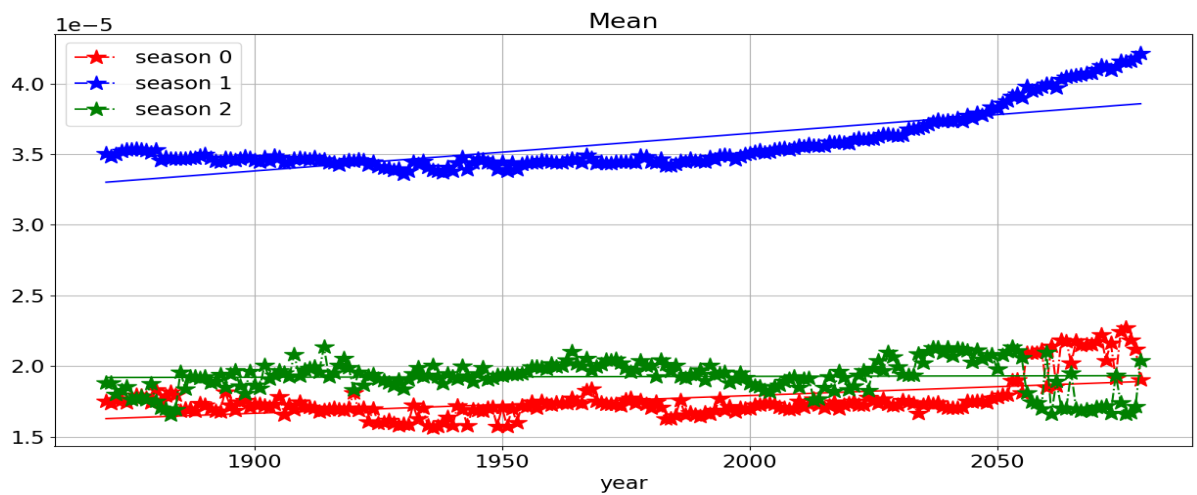
['season 0 - Trend 1.2557002855650561e-08 - sign True - p_value 1.0081779855397599e-10']

['season 1 - Trend 2.6575623118128894e-08 - sign True - p_value 0.0']

['season 2 - Trend 6.27898202196932e-10 - sign True - p_value 0.027499276126101257']
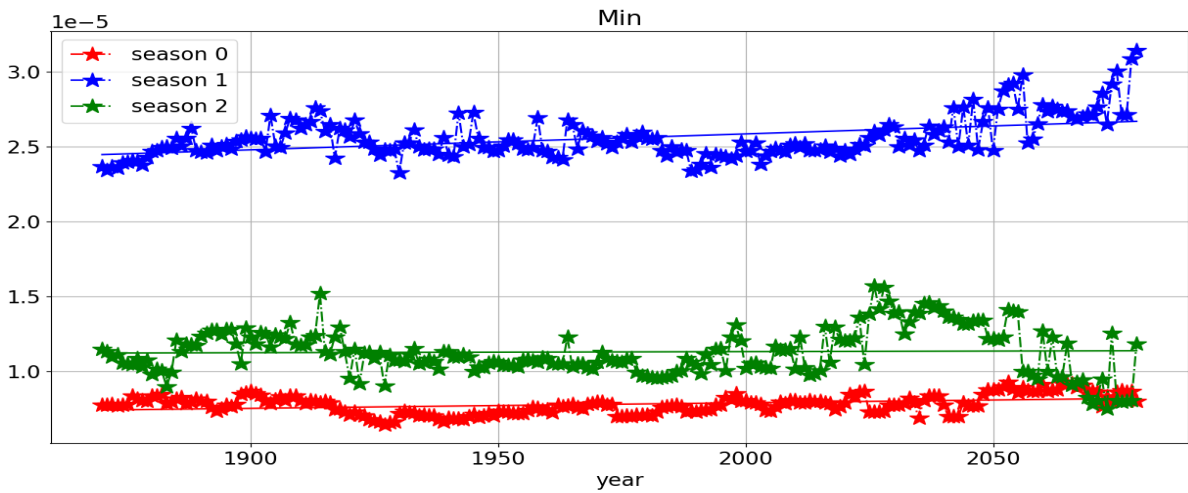
['season 0 - Trend 3.721452195052659e-09 - sign True - p_value 7.162447974717878e-07']

['season 1 - Trend 1.0634703545496717e-08 - sign True - p_value 2.9691480385451996e-09']

['season 2 - Trend 7.270335781220429e-10 - sign False - p_value 0.3259355287477792']
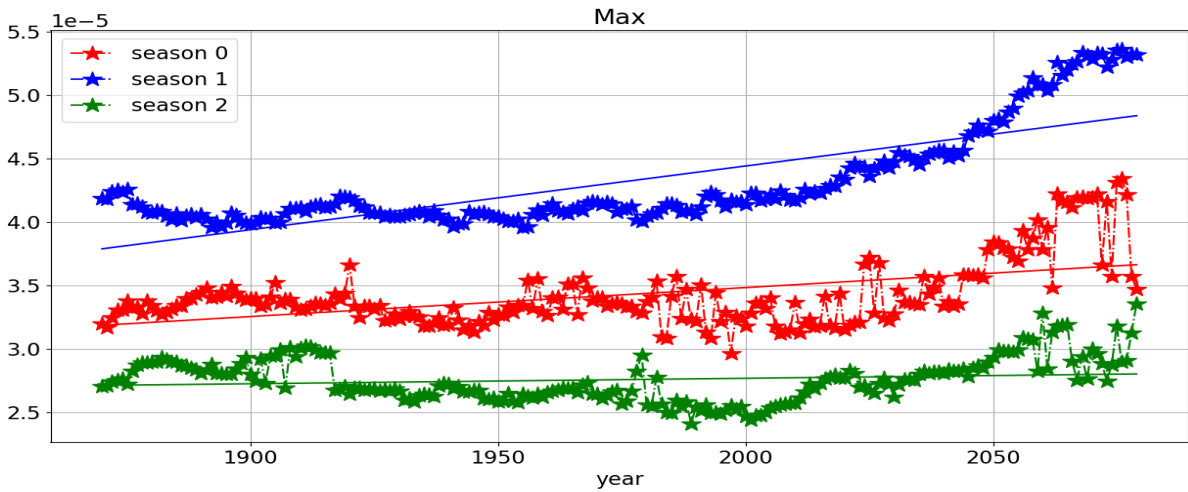
['season 0 - Trend 2.2822582224271267e-08 - sign True - p_value 2.0089298047309967e-07']

['season 1 - Trend 5.019500005974807e-08 - sign True - p_value 0.0']

['season 2 - Trend 4.307331129202309e-09 - sign False - p_value 0.30882168576047064']
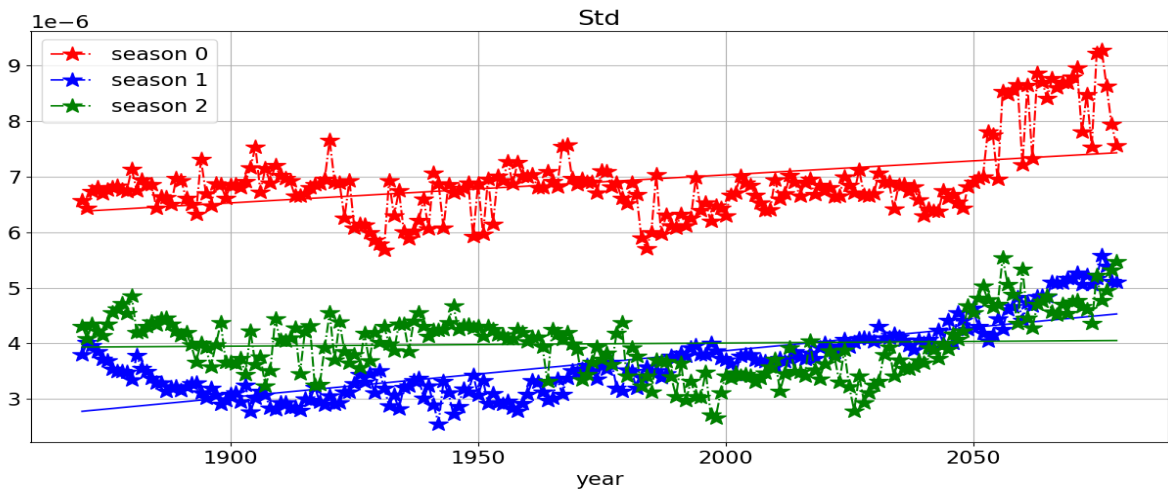
['season 0 - Trend 5.0333135468454485e-09 - sign True - p_value 1.2570258882904639e-05']

['season 1 - Trend 8.37723038010631e-09 - sign True - p_value 0.0']

['season 2 - Trend 5.653922350518295e-10 - sign False - p_value 0.5741876854083432']