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## **On the significance of persistence timescales in geophysical timeseries**

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The nature of persistence timescales are examined in the context of annular mode variability. In particular, the nature of seasonal persistences are examined and their significance is assessed. It is found that standard time filtering used to remove variability on various timescales, impacts on the size of persistences seen. These results suggest a reinterpretation of what persistence timescales are and how they might be better evaluated.