Complexity Methods for Behavioural Science

Cross-Recurrence Quantification Analysis and other flavours of RP's

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Rescaling *before* Reconstruction

- You could also rescale the time series *before* you do the reconstruction:

- **Max distance** -> unit scale $\mathbf{X}_{\mathbf{unit}} = (\mathbf{X}\text{-}\min(\mathbf{X})) / (\max(\mathbf{X})\text{-}\min(\mathbf{X}))$

  Scale of 0-1 (in package *casnet* you can use the **elascer** function)

- **Mean distance** -> z-score $\mathbf{X}_{\mathbf{z}} = (\mathbf{X}\text{-}\text{mean}(\mathbf{X})) / \text{std}(\mathbf{X})$

  Z-score scale (in package *casnet* you can use the **ts_standardise** function with: **adjustN = FALSE**)