1. Introduction

general hydrological theory is still available.

cations:

- series of donor basins.
- Constrain the selection of the metric with various runoff characteristics.
- from gauged basins.



2. Dissimilarity measures[1]

Dissim. Measure	Estimator
1	$\lambda_{ij}^1 = (\rho - L_{ij}) + \frac{ U_{ij} - L_{ij} }{U_{ij} + L_{ij}}$
2	$\lambda_{ij}^{2} = (1 - r_{ij}) + \xi A_{ij} ^{5}$
3	$\lambda_{ij}^{\check{3}} = M_{ij} + \xi A_{ij} $



pair of donor basins

density copula (EDC) of runoff time series

- Spearman's rank correlation of the EDC
- scaling factor
- degree of asymmetry of the EDC
- M_{ij} the discharge difference $\Delta q(t) = q(t) - q(t-1)$