Model6_diagnostic_spatialautocor.pdf Document Contents
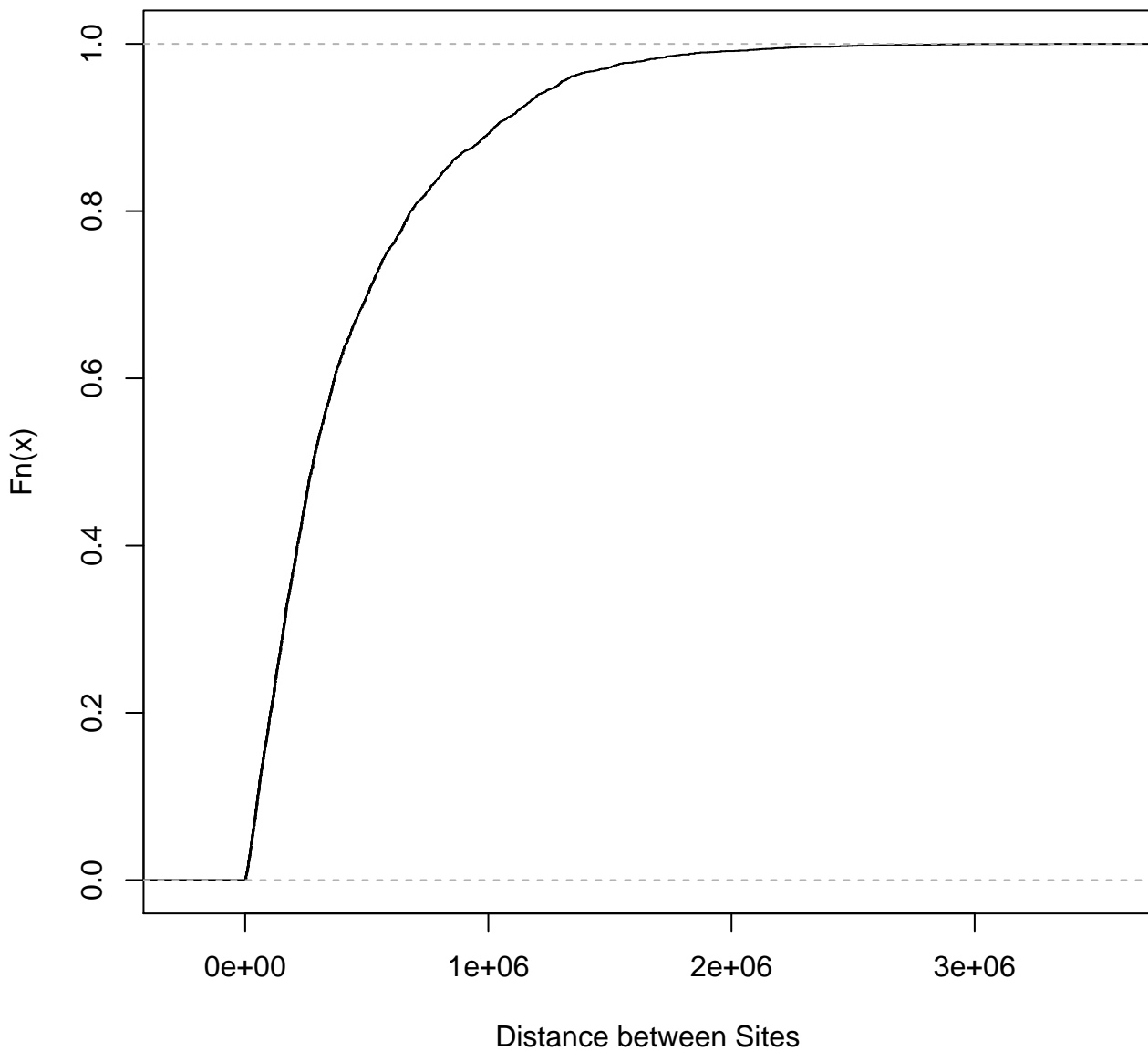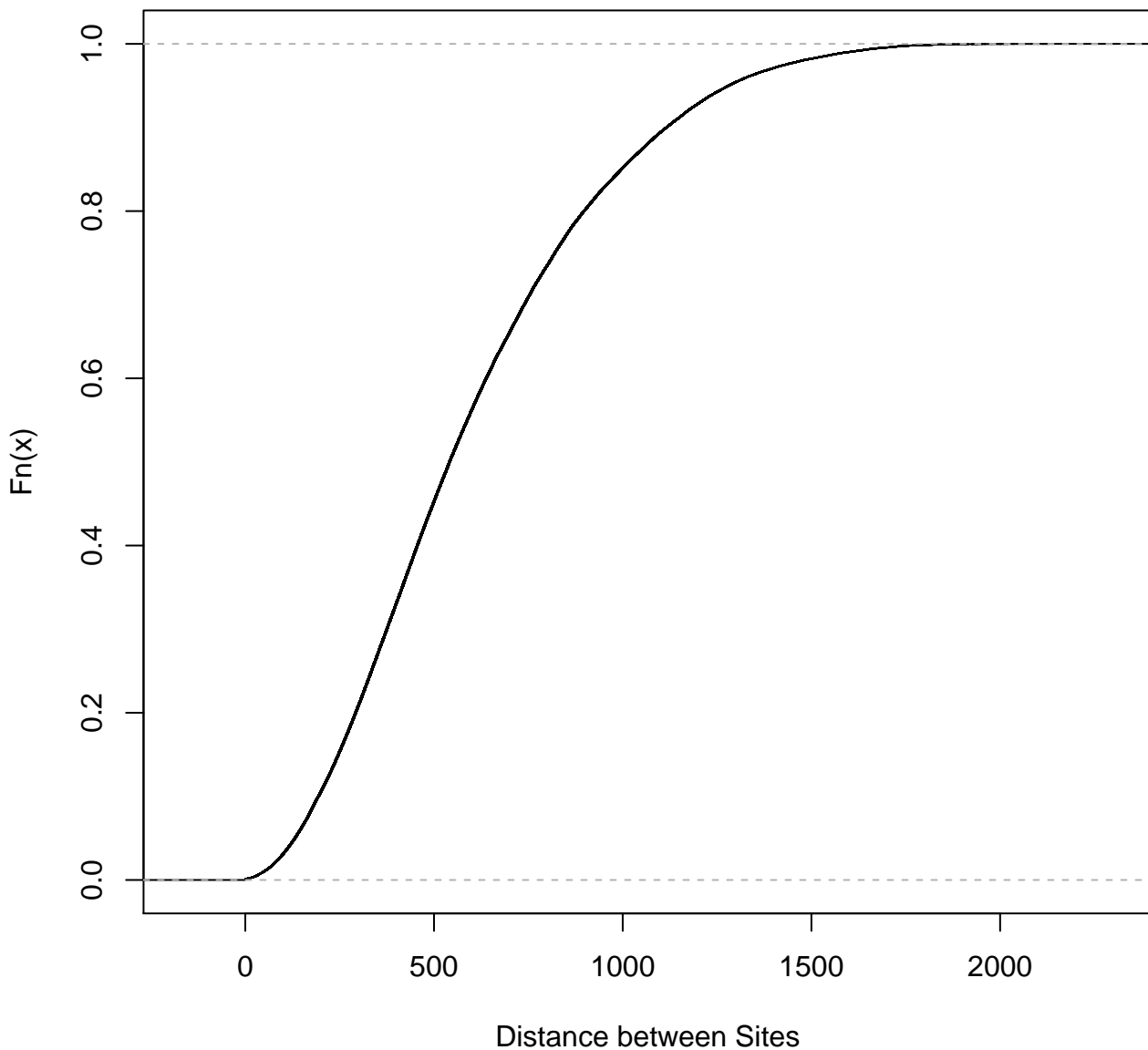
-CDF of Station Hydrological Distances (units of 'length' variable)

-CDF of Station Euclidean Distances (kilometers)

-Four panel plot with Moran's I results by river basin:

    -P-value (Euclidean weights)

    -Standard deviate (Euclidean weights)

    -P-value (Hydrological weights)

    -Standard deviate (Hydrological weights)

-Two panel plot with Moran's I results by Class variable and full domain:

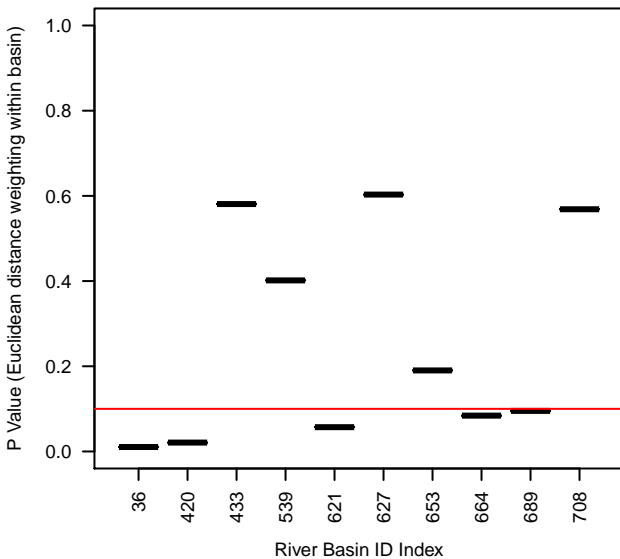   -P-value (Euclidean weights)

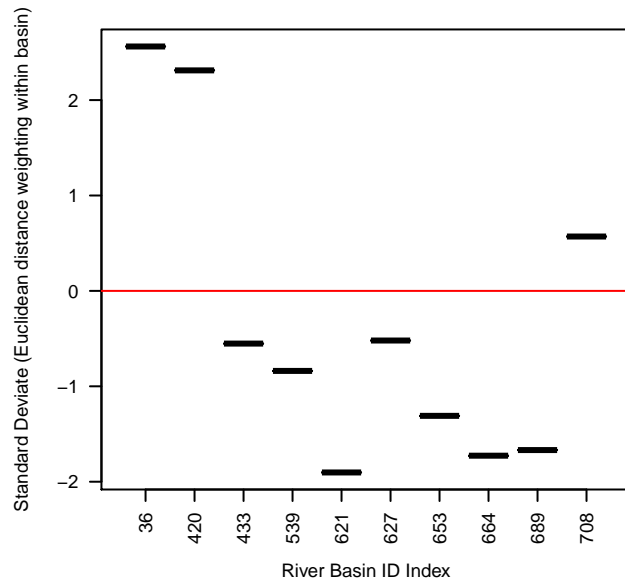   -Standard deviate (Euclidean weights)

Station Hydrologic Distances

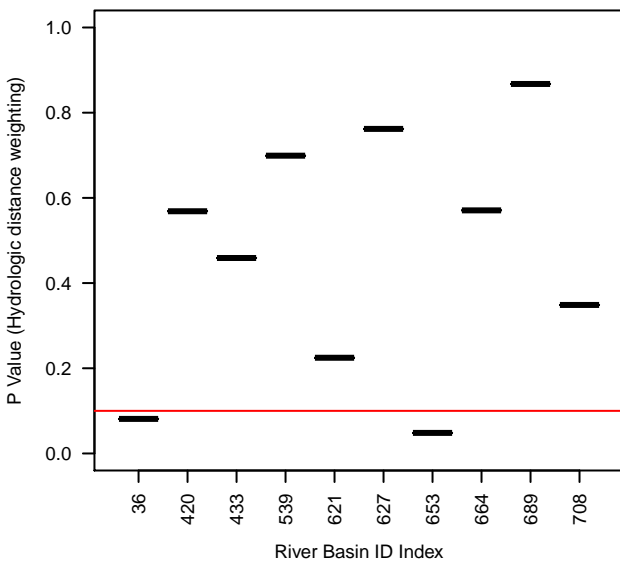# Station Euclidean Distances (kilometers)

Distance between Sites

Moran's I P Value by River Basin — P Value (Euclidean distance weighting within basin) vs River Basin ID Index

Moran's I Standard Deviate by River Basin — Standard Deviate (Euclidean distance weighting within basin) vs River Basin ID Index

Moran's I P Value by River Basin — P Value (Hydrologic distance weighting) vs River Basin ID Index

Moran's I Standard Deviate by River Basin — Standard Deviate (Hydrologic distance weighting) vs River Basin ID Index
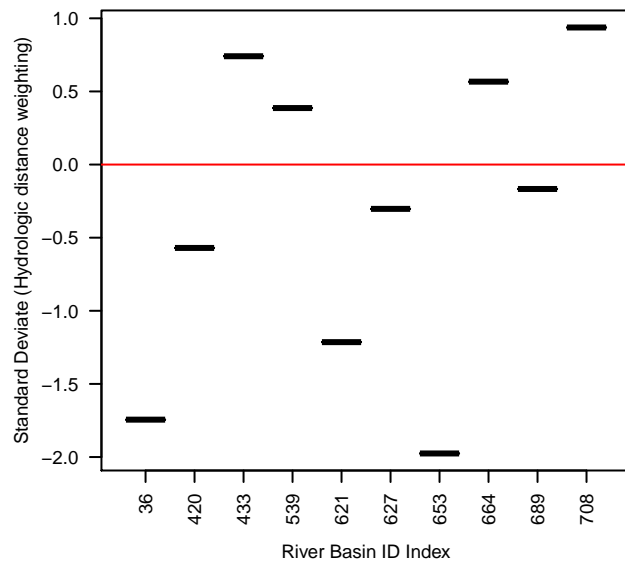
Moran's I P Value by CLASS Variable

Moran's P Value (Euclidean distance weighting)

1.0
0.8
0.6
0.4
0.2
0.0

4   5   7   9   Total Area

huc2
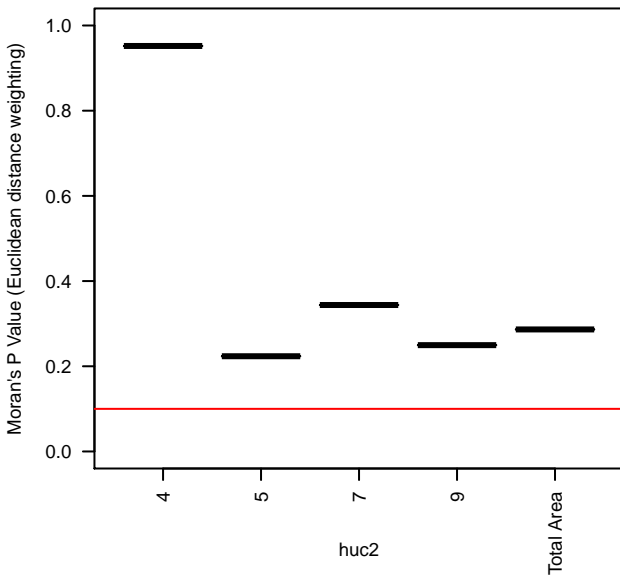
Moran's I Standard Deviate by CLASS Variable

Moran's Standard Deviate (Euclidean distance weighting)

1.0
0.5
0.0
−0.5
−1.0

4   5   7   9   Total Area

huc2