#### Distance to river

Population density

|             | i opaiation actisity |         |         |
|-------------|----------------------|---------|---------|
| River       | 0-10mi               | 10-20mi | 20-30mi |
| Delaware*   | 467                  | 592     | 566     |
| Hudson**    | 585                  | 236     | 245     |
| Mississippi | 137                  | 81      | 35      |
| Missouri    | 136                  | 84      | 37      |
| Ohio        | 452                  | 196     | 173     |
| Tennessee   | 247                  | 155     | 97      |

<sup>\*</sup> excluding Philadelphia \*\* excluding NYC

#### Distance to bridge

# Correlation of log population density with distance to

|             | delibity with distance to |
|-------------|---------------------------|
| River       | nearest bridge            |
| Delaware*   | -0.353                    |
| Hudson**    | 0.177                     |
| Mississippi | -0.429                    |
| Missouri    | -0.501                    |
| Ohio        | -0.504                    |
| Tennessee   | -0.404                    |
|             |                           |

<sup>\*</sup> excluding Philadelphia \*\* excluding NYC

Clustering

# Coefficient of variation of population density (left bank)

|             |        | (icit bank) |         |
|-------------|--------|-------------|---------|
| River       | 0-10mi | 10-20mi     | 20-30mi |
| Delaware*   | 1.509  | 1.745       | 0.847   |
| Hudson**    | 1.586  | 2.265       | 1.461   |
| Mississippi | 3.256  | 3.161       | 1.564   |
| Missouri    | 4.011  | 3.176       | 2.008   |
| Ohio        | 2.509  | 2.259       | 1.419   |
| Tennessee   | 1.886  | 1.854       | 0.990   |

<sup>\*</sup> excluding Philadelphia \*\* excluding NYC

### Correlation

## Correlation of population density between left and

| right bank |
|------------|
| 0.567      |
| 0.416      |
| 0.558      |
| 0.317      |
| 0.483      |
| 0.510      |
|            |

<sup>\*</sup> excluding Philadelphia \*\* excluding NYC

0.4751666667

### Correlation-at-bridges

## Correlation of population density on either side of

|             | delibity off elitter blac of |
|-------------|------------------------------|
| River       | bridge                       |
| Delaware*   | 0.399                        |
| Hudson**    | 0.251                        |
| Mississippi | 0.551                        |
| Missouri    | 0.251                        |
| Ohio        | 0.465                        |
| Tennessee   | 0.281                        |

<sup>\*</sup> excluding Philadelphia \*\* excluding NYC

0.3663333333