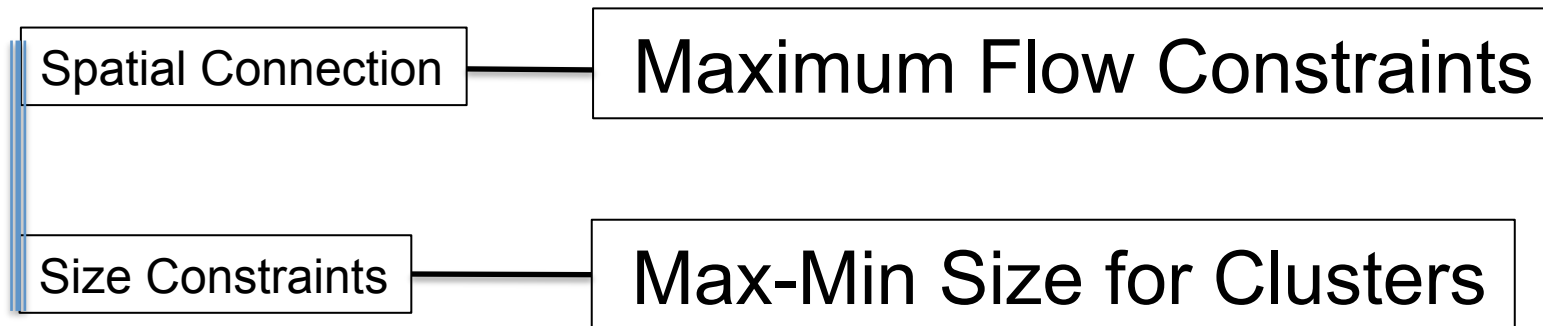


Aggregation in Japan

団地化



$$s_i = \begin{cases} 1 & \text{if nodes are aggregated into the } i\text{-th node toward the super node} \\ 0 & \text{otherwise} \end{cases}$$

$$L_i \cdot s_i < w_{i0} \leq L_i + \bar{L} \cdot s_i, \quad \forall i$$

$$L_{lo} \cdot s_i \leq w_{i0}, \quad \forall i$$

団地化の実施

$$Z = \max \sum_{i=1}^m s_i - \sum_{i=1}^m y_{i0}$$

st

$$\sum_{i=1}^m s_i - \sum_{i=1}^m y_{i0} \leq 0$$

Spatial Connection

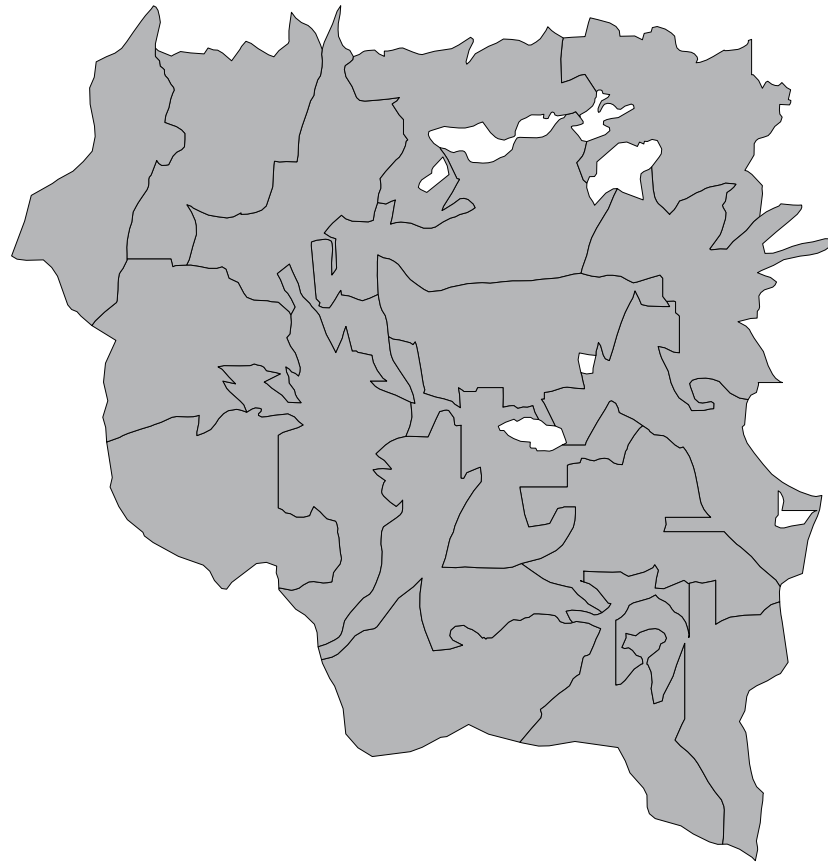
Maximum Flow Constraints

Size Constraints

Max-Min Size for Clusters



20ha ~ 30ha





30ha ~ 40ha





40ha ~ 50ha

