

### ③ Mapping Clusters

#### Confusion table

Ward's linkage solution in columns, and average linkage in rows.

from lecture 10(b)

Average linkage

Ward's linkage

cl_av	1	2	3
1	19	19	0
2	2	0	31
3	0	3	0

← 2nd biggest

← biggest #

← 2nd biggest

mapping

Avg 1 : Wards 1

Avg 2 : Wards 3

Avg 3 : Wards 2

Agreement :  $\frac{\text{Agreed Observations}}{\text{Total Observations}} = \frac{(19 + 31 + 3)}{(19 + 31 + 19 + 2 + 3)} = 0.74$