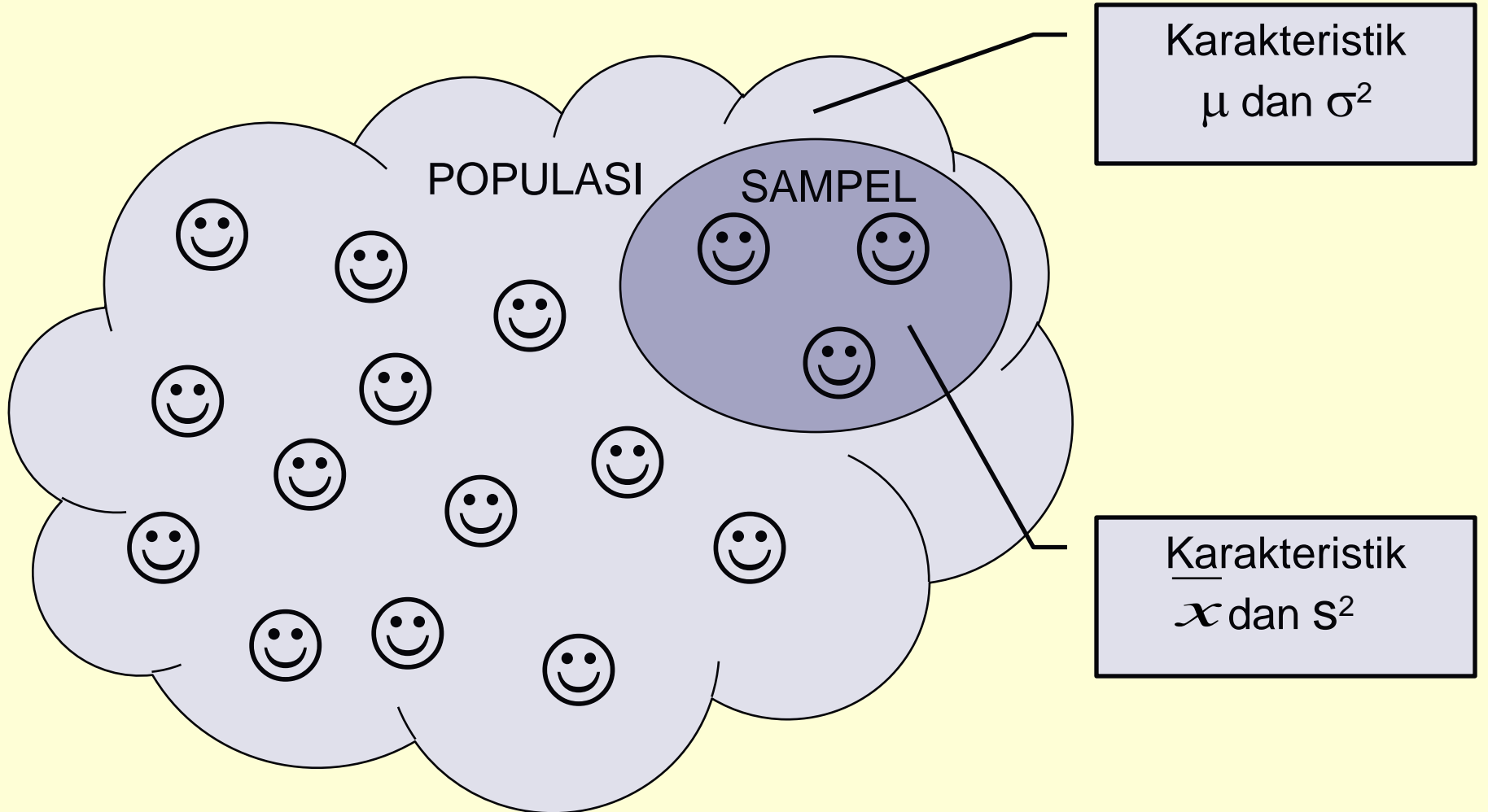


Teknik Sampling

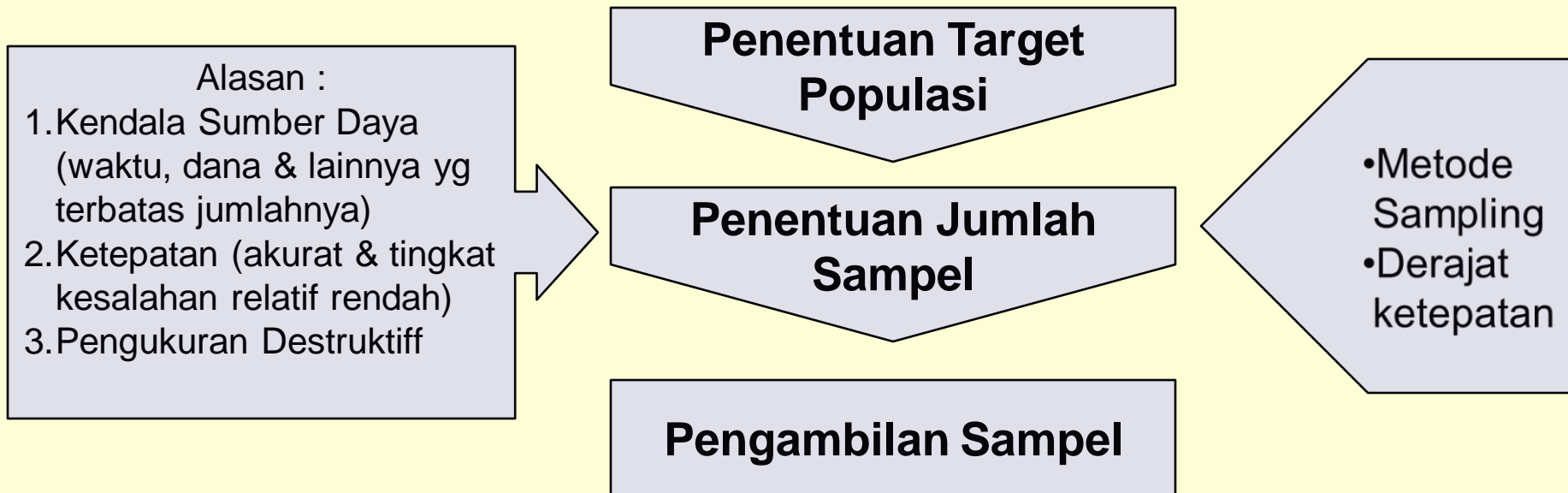
Mata Kuliah Metodologi Penelitian

Jurusan Teknik Informatika
Universitas Komputer Indonesia

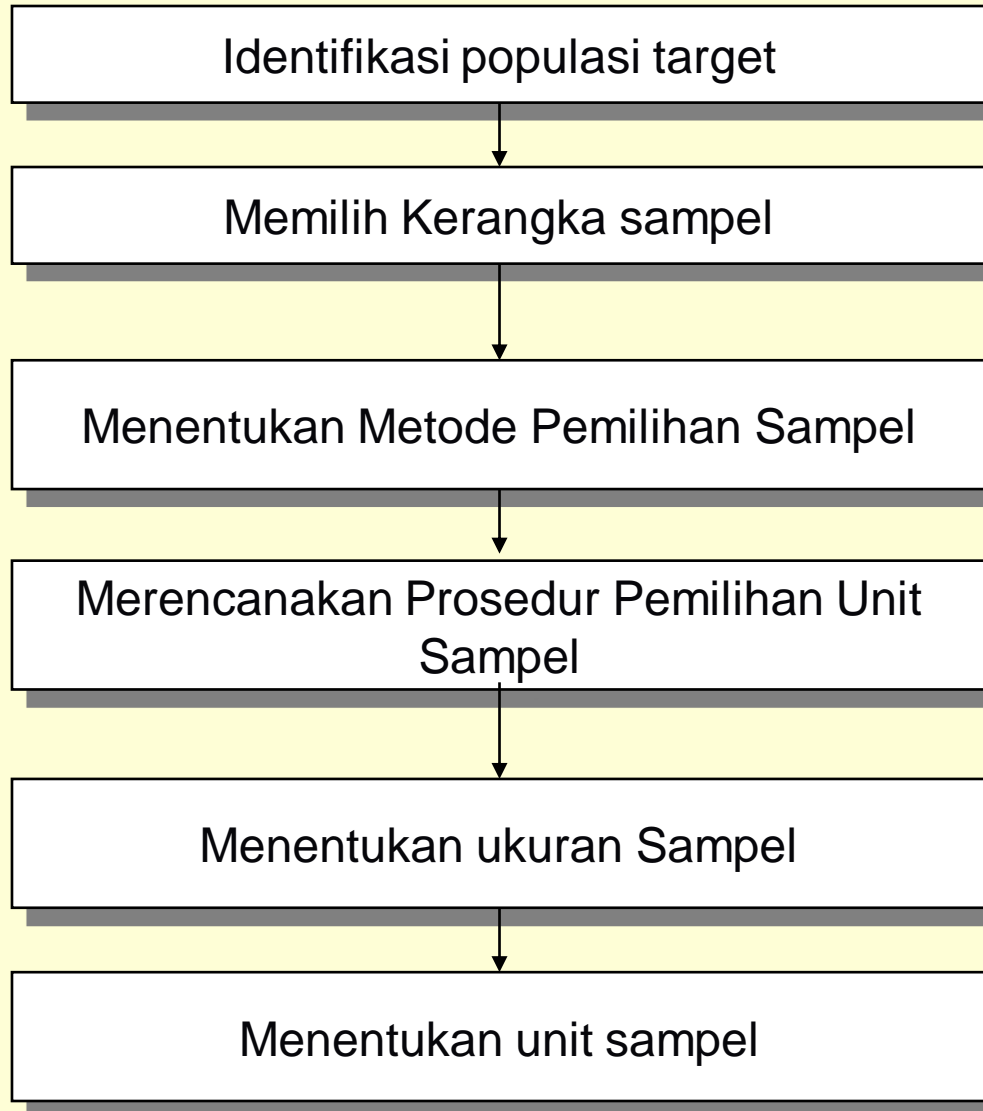
Populasi & Sampel



Pemilihan Sampel



Prosedur Penentuan Sampel



Populasi

Mahasiswa Jurusan Teknik Informatika Angkatan 2010

Kerangka sampel

No	Nama	
01	Suli	
02	Rofiq	
03	Prio
95	Malik	

Prosedur

Setelah populasi ditetapkan, kerangka sampling dibuat, teknik sampling simple random sampling maka dilakukan pengundian

Teknik sampling

Probabilitas: Simple random Sampling

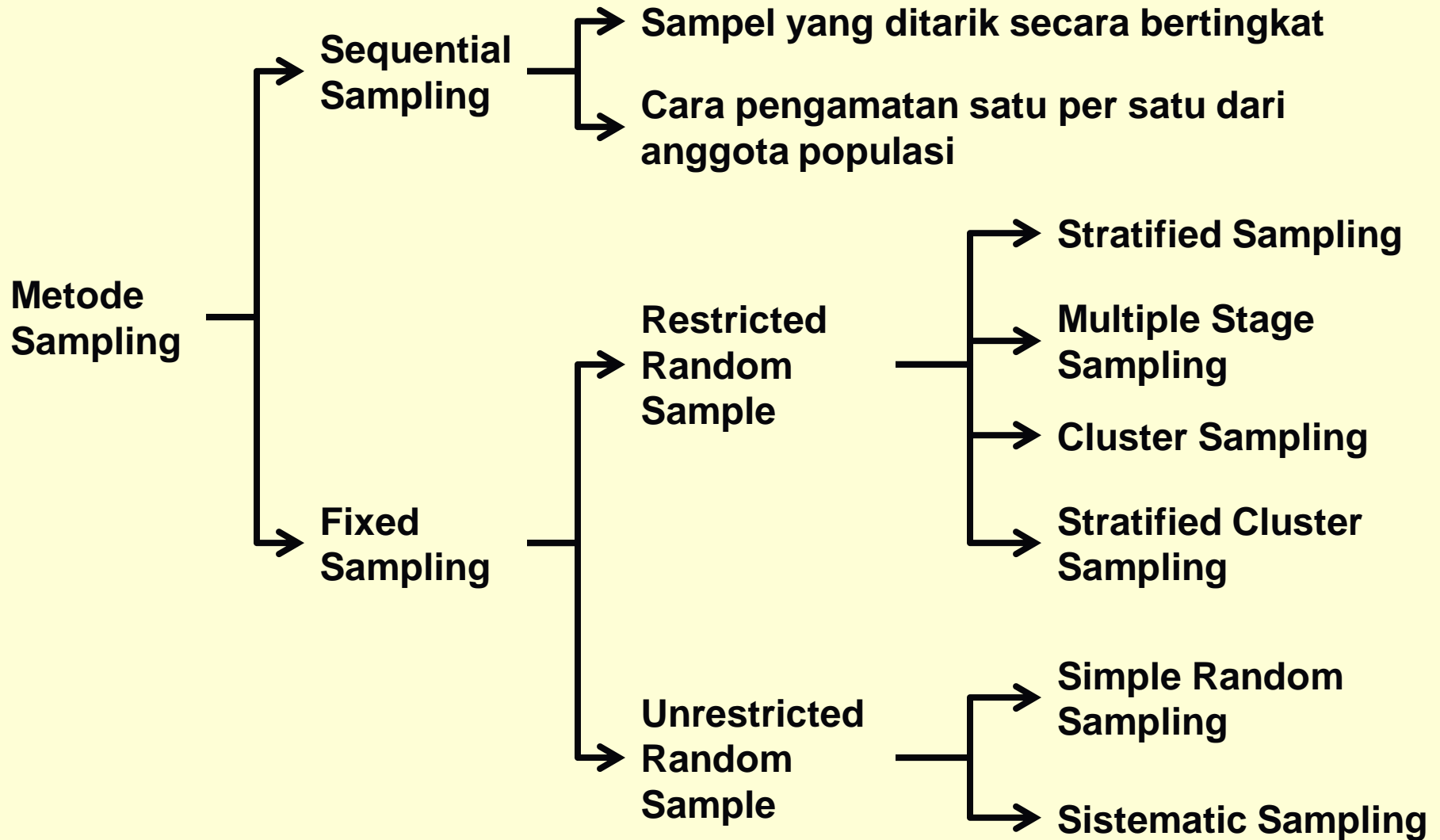
Menentukan ukuran sampel

Misal sampel yang ditetapkan 20 orang

Unit sampel

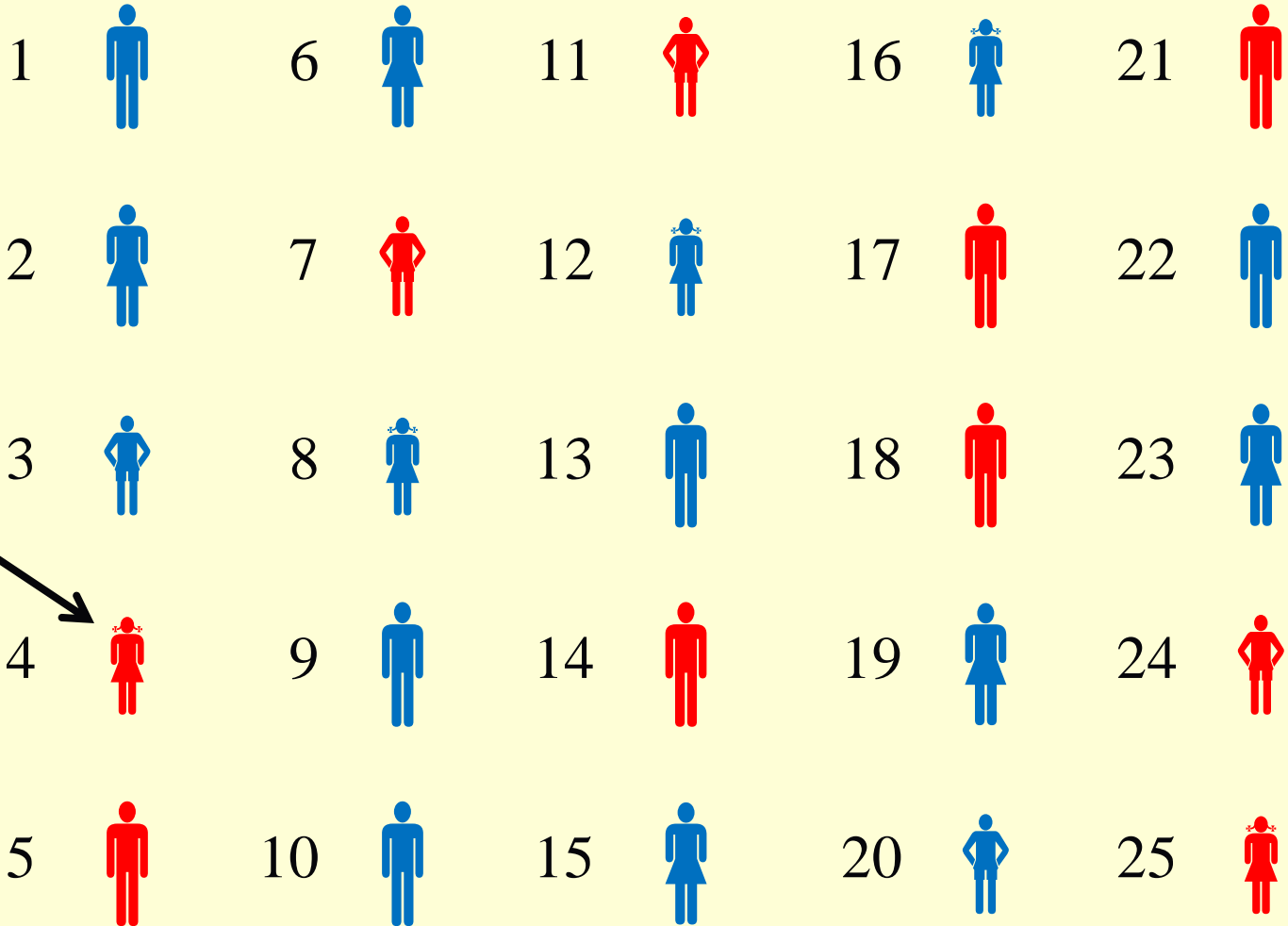
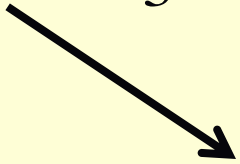
Berdasarkan undian diperoleh sampe: 02,05,01,08,65,85,92, 18,17,15,13,25,27,29,45,44,42,

Metode Sampling – M. Nazir



Simple Random Sampling

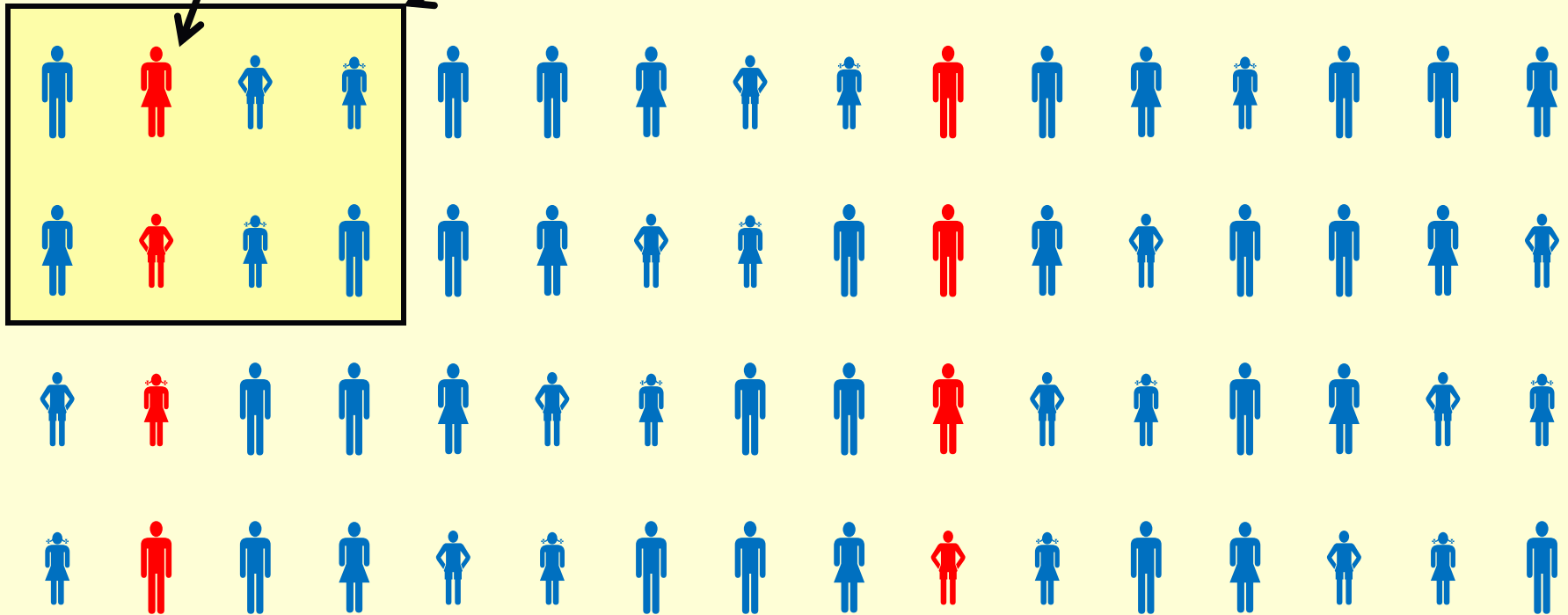
Unit
Sampel



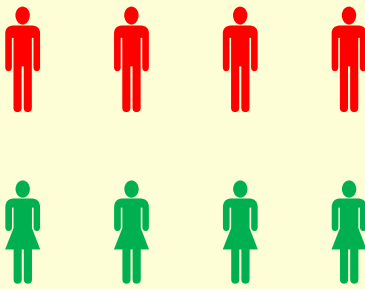
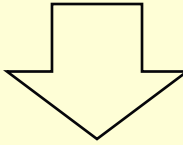
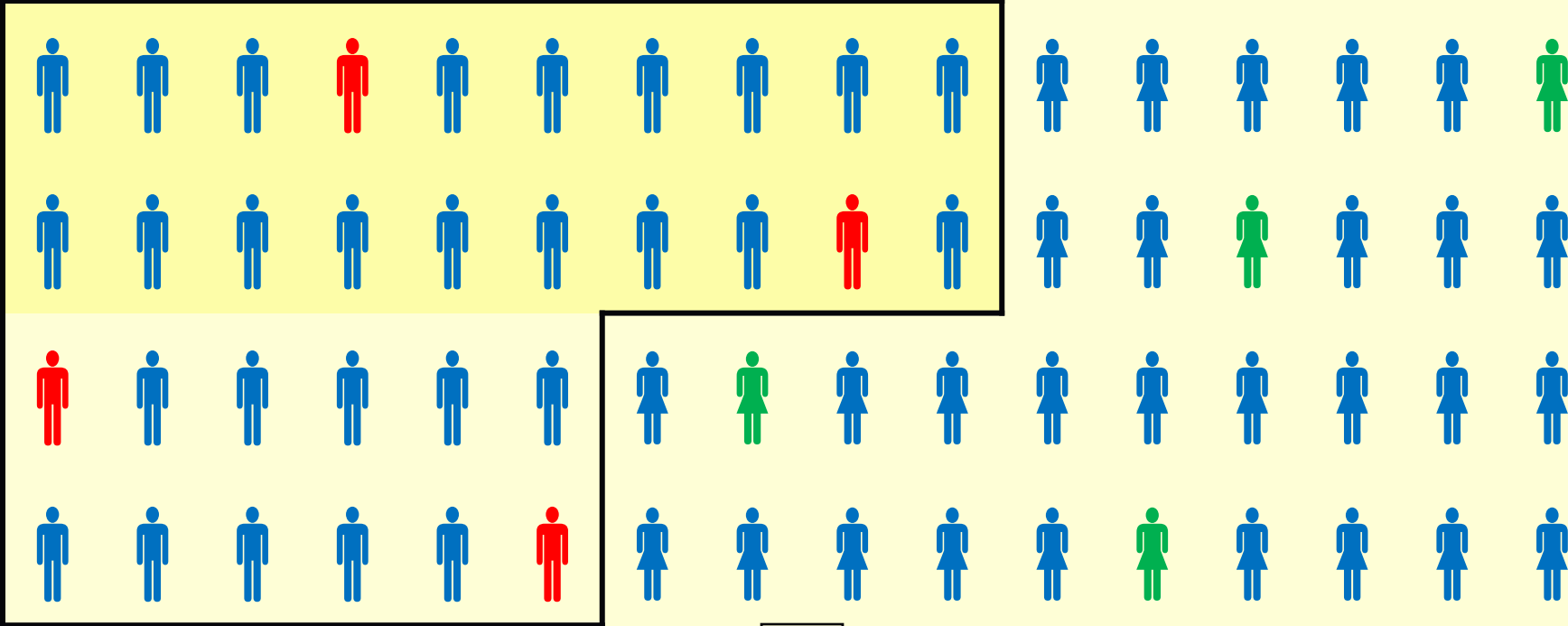
Sistematic Sampling

Sampel ke-1 dipilih secara acak

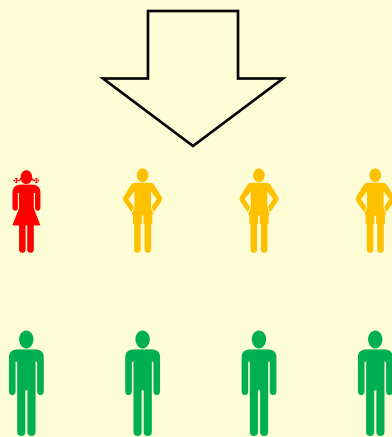
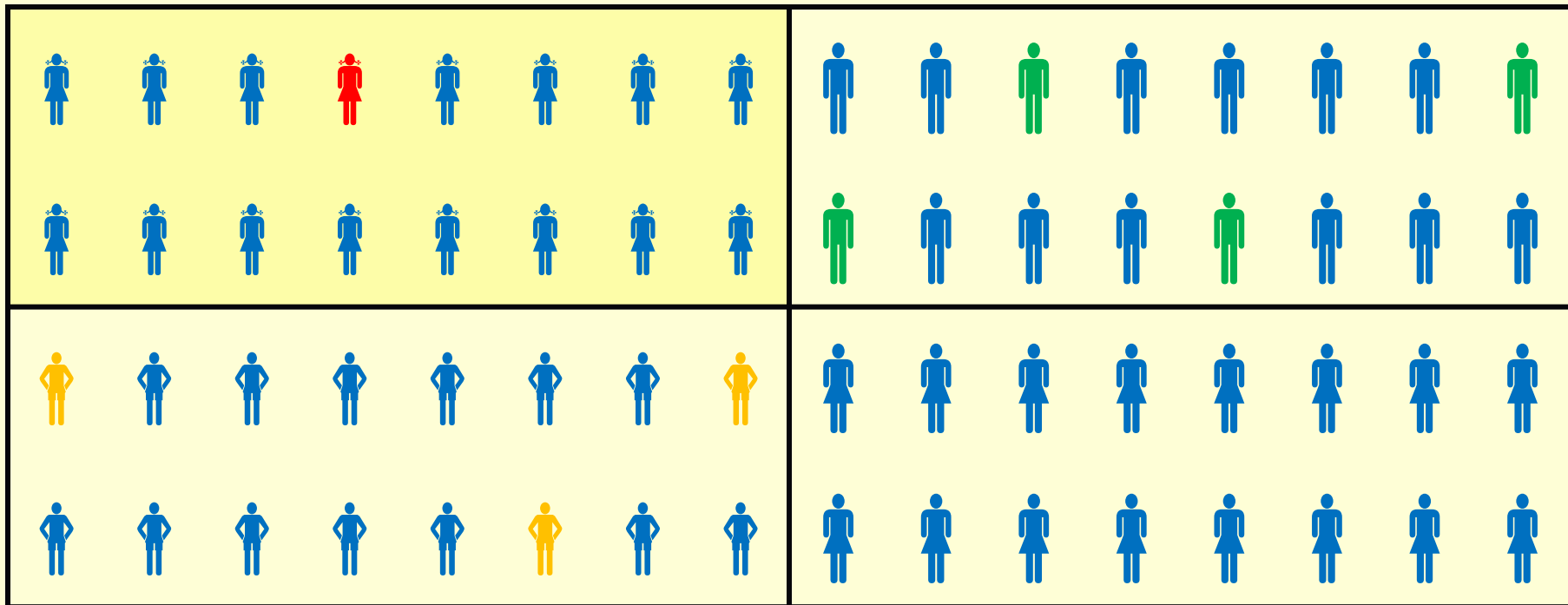
Kelompok 1



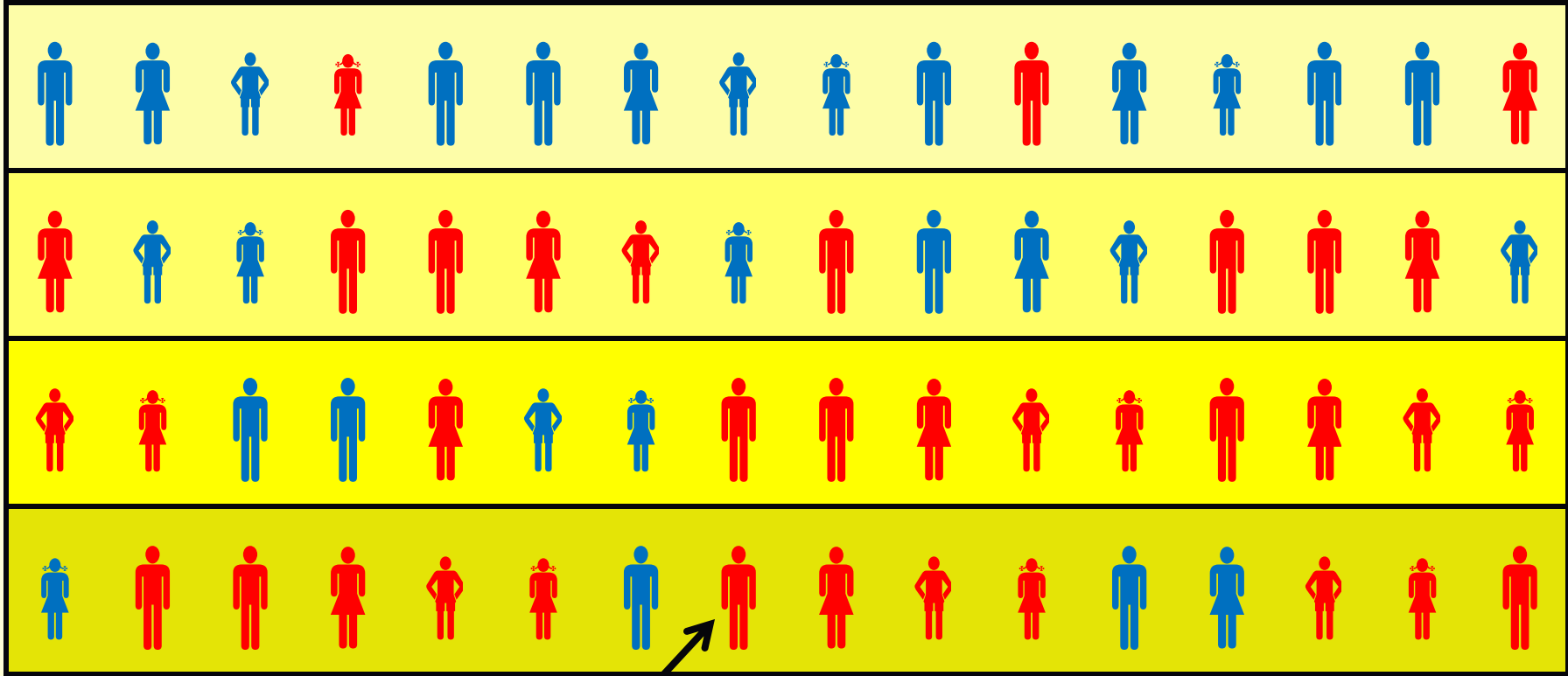
Stratified Sampling



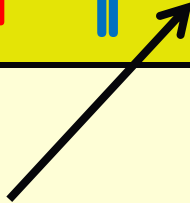
Multiple Stage Sampling



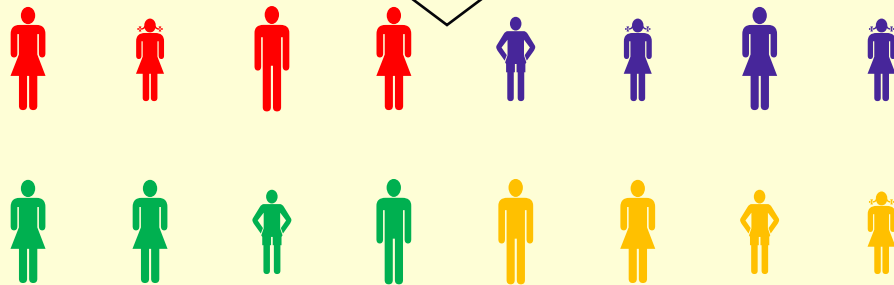
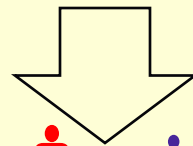
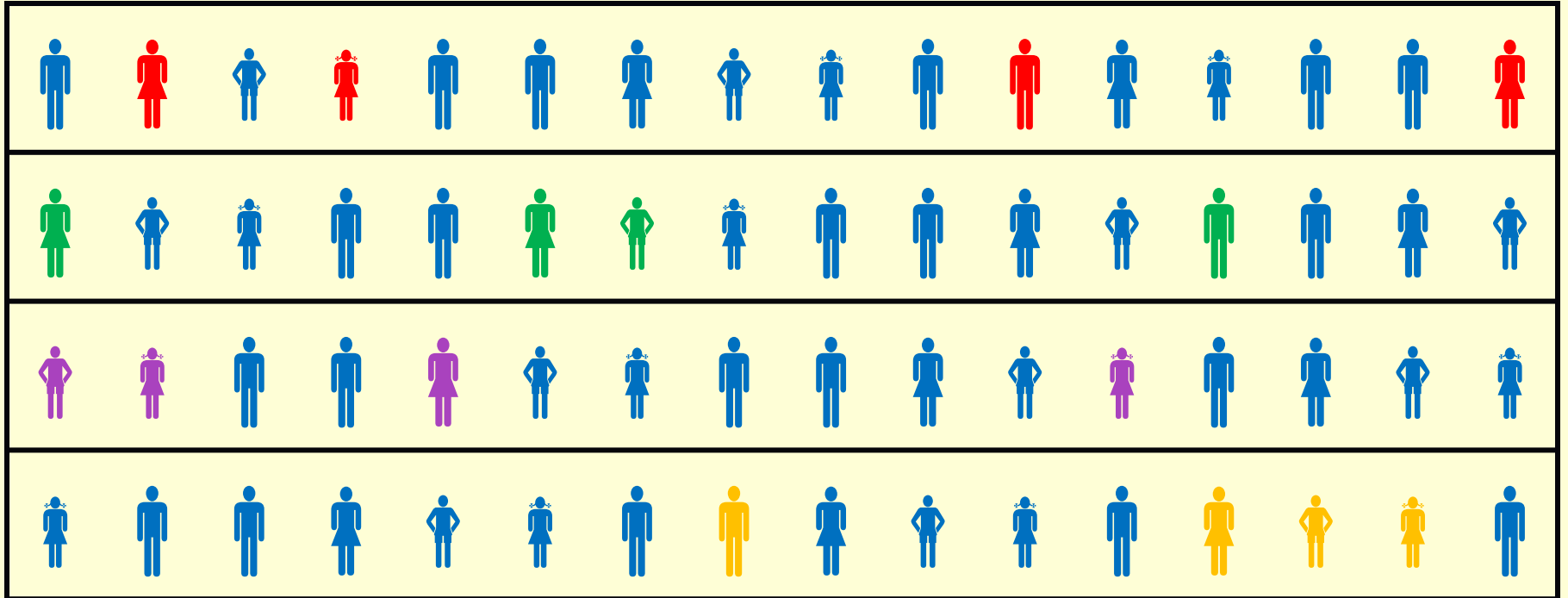
Cluster Sampling



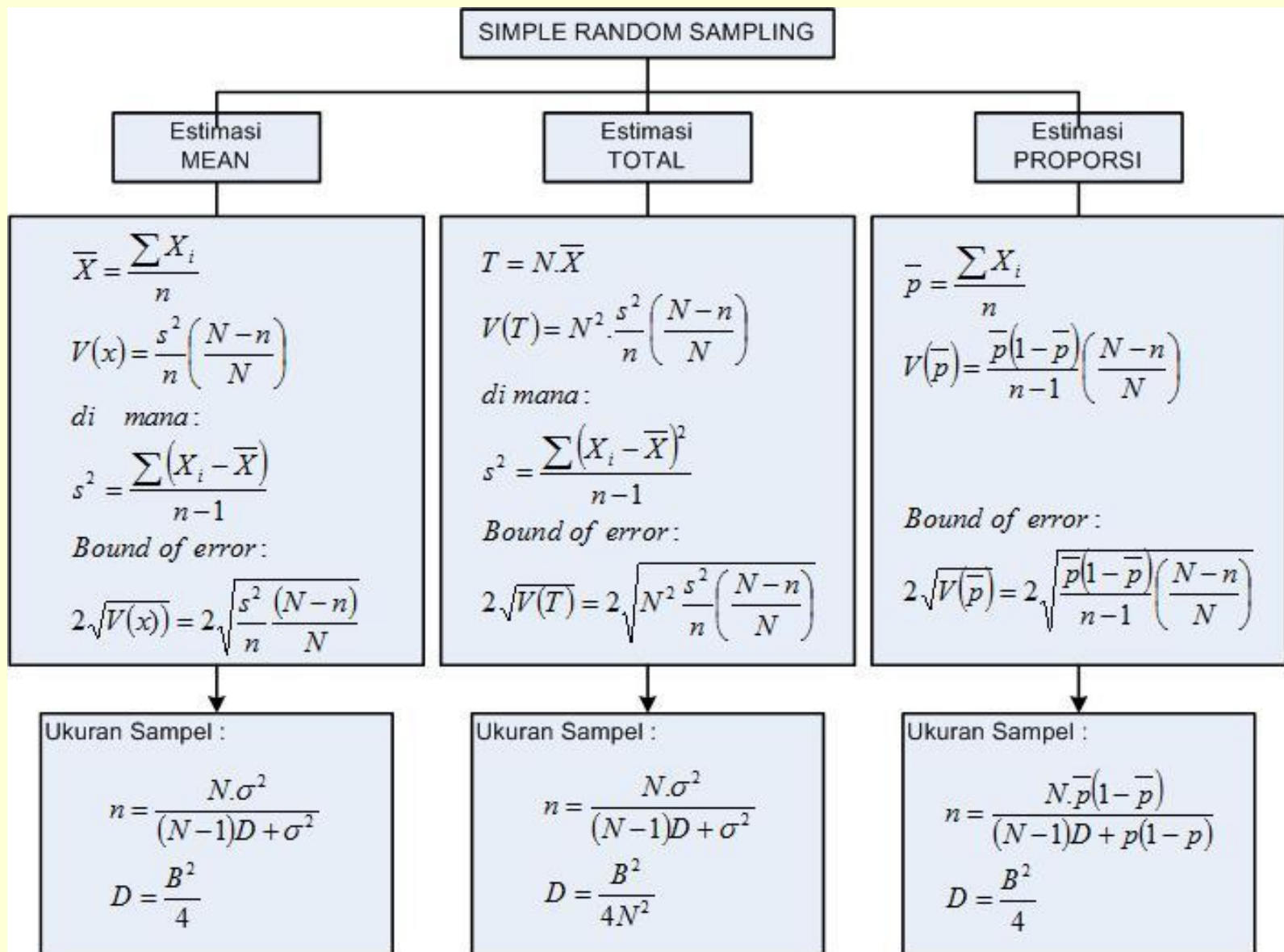
Sampel dipilih secara acak



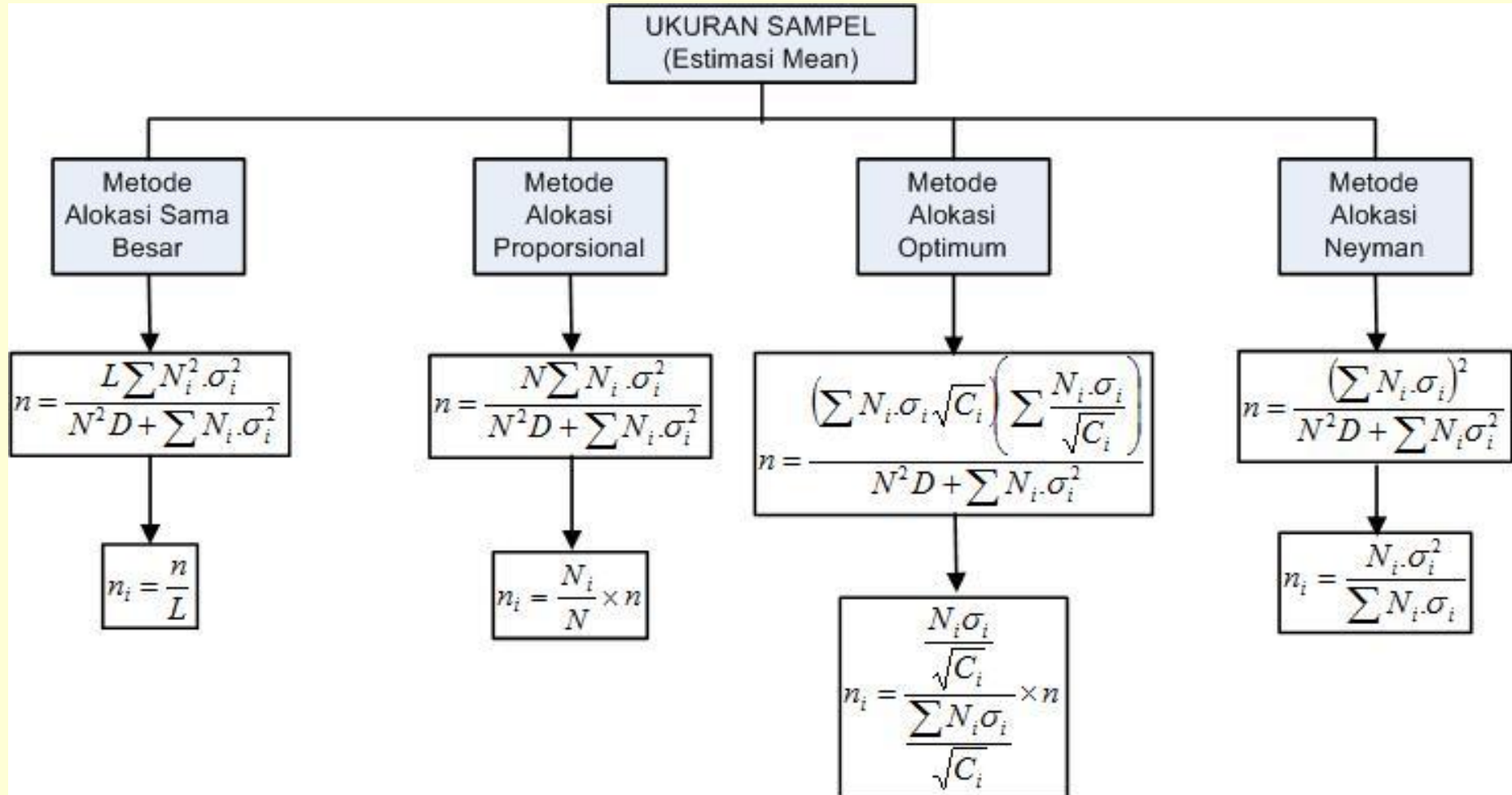
Stratified Cluster Sampling



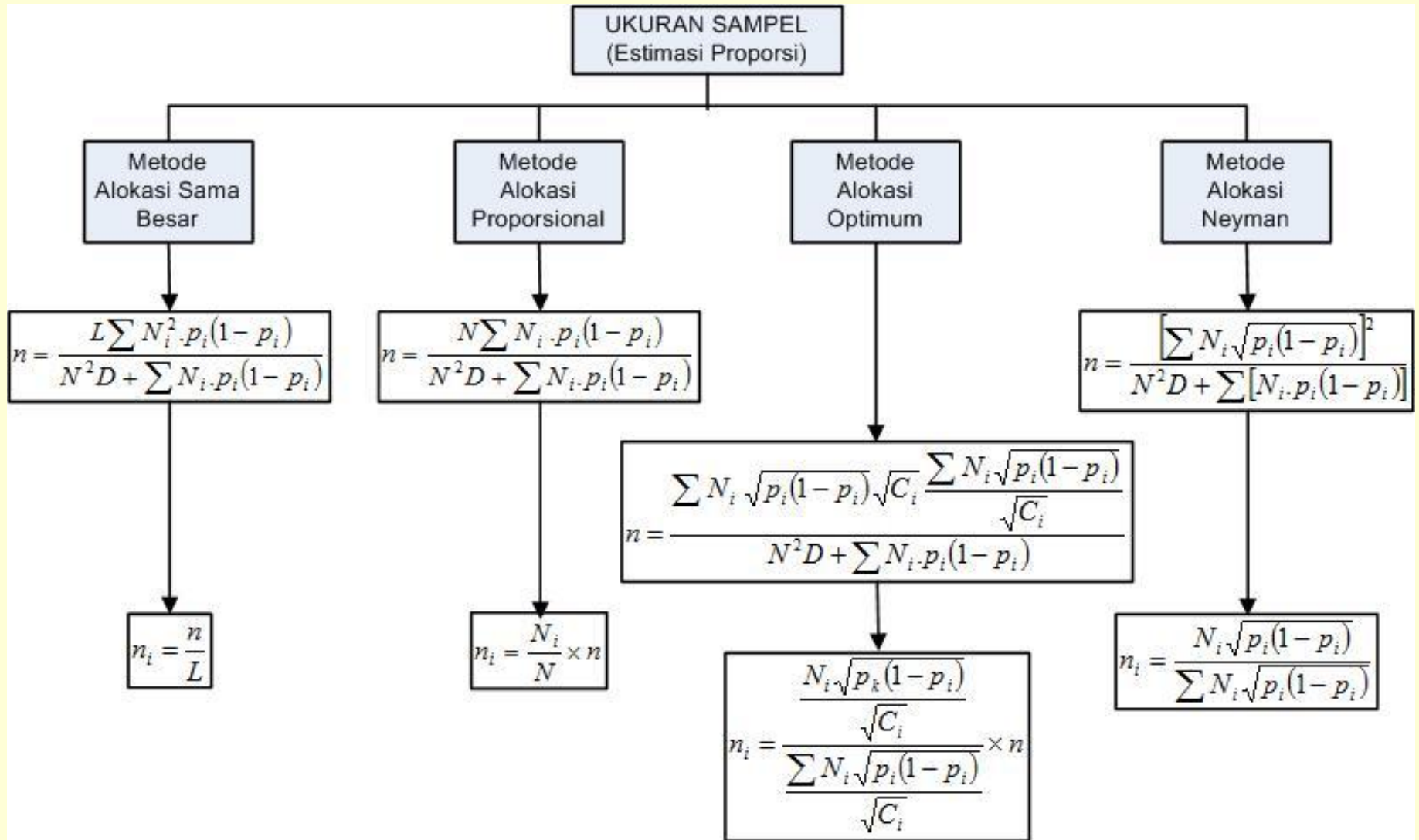
Ukuran Sampel pada Simple Random Sampling



Ukuran Sampel pada Stratified Random Sampling (1)



Ukuran Sampel pada Stratified Random Sampling (2)





Ukuran Sampel dengan Rumus Slovin

$$n = \frac{N}{1 + N(e)^2}$$

Dimana :

n = Unit Sampel

N = Populasi

e = Nilai *error* yang digunakan

