Bridging STPIM-SKIM

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## Load data

stpim23 <- read\_xlsx("D:/##AYUPA DESKTOP 2/Imputasi SKIM23/STPIM (CAWI) NASIONAL tahun 2024.xlsx")  
skim23 <- read\_xlsx("D:/##AYUPA DESKTOP 2/Imputasi SKIM23/SKIM.IIADetail NASIONAL tahun 2024.xlsx")

## Data STPIM yang ber-KBLI 13 dan 14

stpim23\_tpt <- stpim23 |>  
 mutate(kbli2 = substr(r201\_kode, 1, 2)) |>  
 filter(kbli2 == 13 | kbli2 == 14)

Terdapat 44 perusahaan ber-KBLI 13 dan 14 yang tercatat di STPIM. Perusahaan ini semestinya menjadi target SKIM.

## Bridging variabel STPIM ke SKIM

# Cek variabel SKIM yang di STPIM tidak ada  
missing\_vars <- setdiff(names(skim23), names(stpim23))  
print(missing\_vars)

## [1] "id" "r207" "r208a" "r208b"   
## [5] "r208c" "r208d" "r208e" "r208e\_lainnya"   
## [9] "r209" "r210" "r211" "r212"   
## [13] "r501k5\_sum" "r501k6\_sum" "r501k7\_sum" "r502a"   
## [17] "r502a\_kode" "r502a\_label" "r502b" "r502b\_label"   
## [21] "r502c\_1" "r502c\_2" "r502c\_3" "r502c\_4"   
## [25] "r502d\_1" "r502d\_2i" "r502d\_2i\_prov" "r502d\_2ii"   
## [29] "r502d\_2ii\_prov" "r502d\_2iii" "r502d\_2iii\_prov" "r502d\_2iv"   
## [33] "r502d\_2iv\_prov" "r502d\_2v" "r502d\_2vi" "r503k6\_sum"   
## [37] "r504a" "r504a\_kode" "r504a\_label" "r504b"   
## [41] "r504b\_label" "r504c\_1" "r504c\_2" "r504c\_3"   
## [45] "r504c\_4" "r504d\_1" "r504d\_2i" "r504d\_2i\_prov"   
## [49] "r504d\_2ii" "r504d\_2ii\_prov" "r504d\_2iii" "r504d\_2iii\_prov"  
## [53] "r504d\_2iv" "r504d\_2iv\_prov" "r504d\_2v" "r504d\_2vi"   
## [57] "r504e\_1" "r504e\_1\_negara" "r504e\_2" "r504e\_2\_negara"   
## [61] "r504e\_3" "r504e\_3\_negara" "r504e\_4" "r504e\_4\_negara"   
## [65] "r504e\_5" "r603d\_lainnya" "r7" "r801"   
## [69] "r802" "r803a" "r803b" "r803c"   
## [73] "r803d" "r803e" "r803f\_tanggal" "r803f\_bulan"   
## [77] "r803f\_tahun" "r901a" "r901b" "r901c"   
## [81] "r901d" "r902a" "r902b" "r902c\_tanggal"   
## [85] "r902c\_bulan" "r902c\_tahun" "r902d"

Terdapat 87 variabel yang tidak ada/berbeda di STPIM.

Variabel khusus di SKIM yang tidak ditanyakan di STPIM, a.l.:

* R207 Bahan baku daur ulang
* R208a Jenis bahan baku daur ulang kertas
* R208b Jenis bahan baku daur ulang logam
* R208c Jenis bahan baku daur ulang plastik
* R208d Jenis bahan baku daur ulang kaca
* R208e Jenis bahan baku daur ulang lainnya
* R208e\_lainnya Jenis bahan baku daur ulang lainnya tuliskan
* R209 Jumlah mesin utama
* R210 Jenis mesin utama
* R211 Rata-rata umur mesin utama
* R212 Tahun restrukturisasi

Jika variabel di atas ini akan ditabulasikan, maka mungkin perlu diimputasi.

#Bridging variabel bahan baku dan produksi  
stpim23\_tpt\_bridge <- stpim23\_tpt |>  
 mutate(  
 total\_baku = rowSums(across(c(r302a\_1, r302b\_1)), na.rm = TRUE), # Total bahan baku  
 r501k7\_sum = rowSums(cbind(r302a\_1 \* r302a\_2 / 100, r302b\_1 \* r302b\_2 / 100), na.rm = TRUE), # Bahan baku impor  
 r501k5\_sum = total\_baku - r501k7\_sum, # Total bahan baku dalam negeri  
 r503k6\_sum = r401a # Total nilai produksi  
 )

Bridging variabel STPIM ke SKIM, a.l.:

* R501k5\_sum Total nilai bahan baku dalam negeri
* *R501k6\_sum Seharusnya ga ada variabel ini*
* R501k7\_sum Total nilai bahan baku impor
* R503k6\_sum Total nilai produksi