

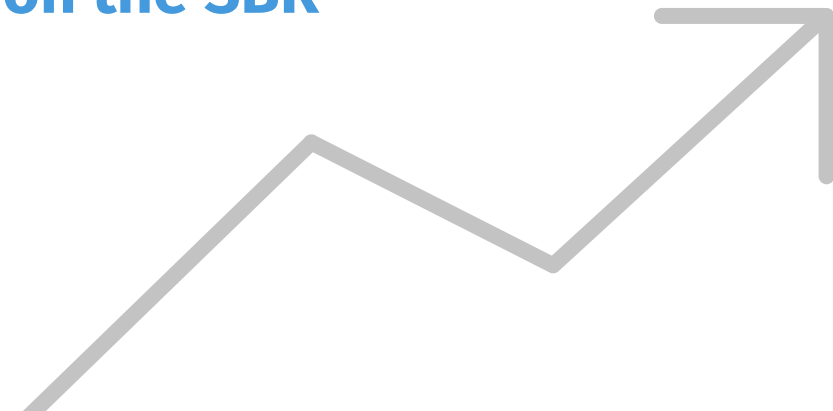
Enterprise Groups Statistics

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Group of Experts on Business Registers

Online 15-18 October 2024

Session 5: Producing statistics based on the SBR

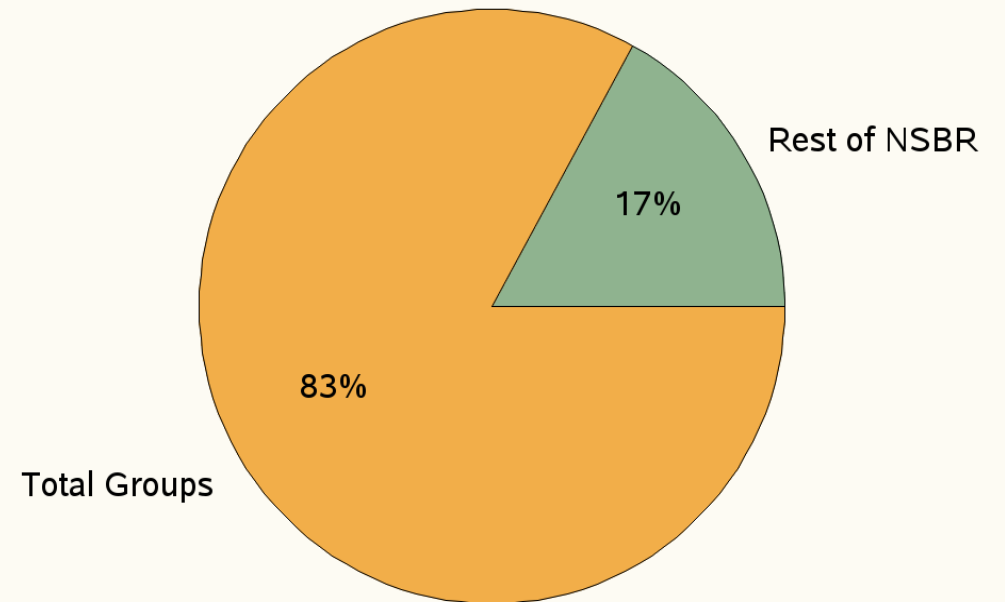


„Enterprise Groups are very relevant“

true – but rather trivial

Enterprise groups account for
83% of all turnover in Germany

Proportion of the turnover of all enterprise groups in the total turnover of the NSBR



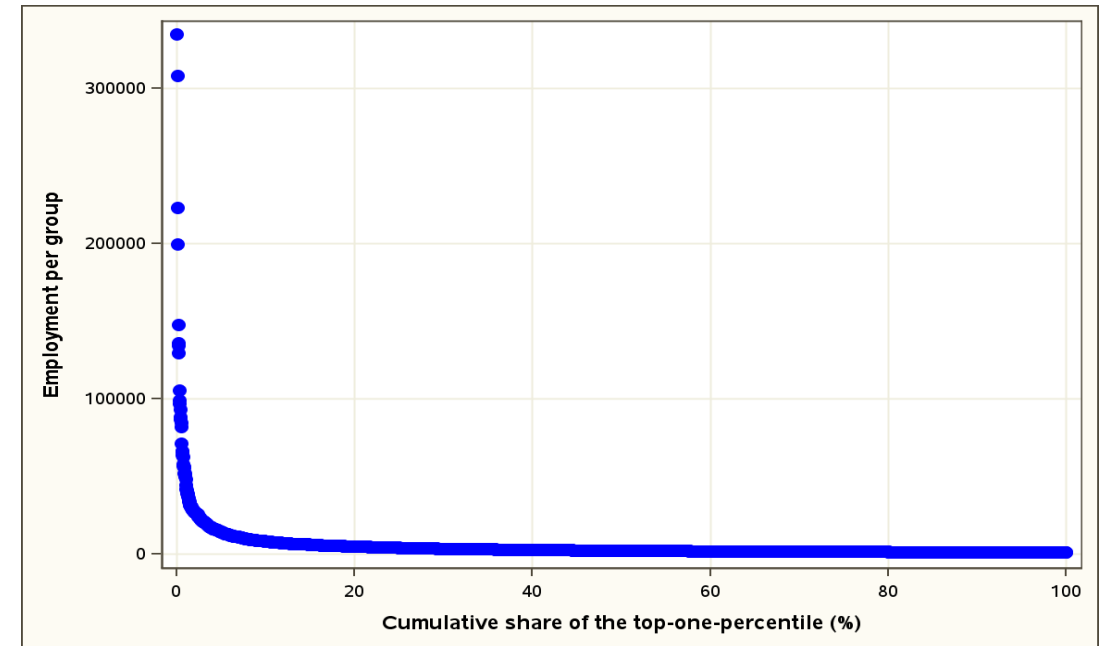
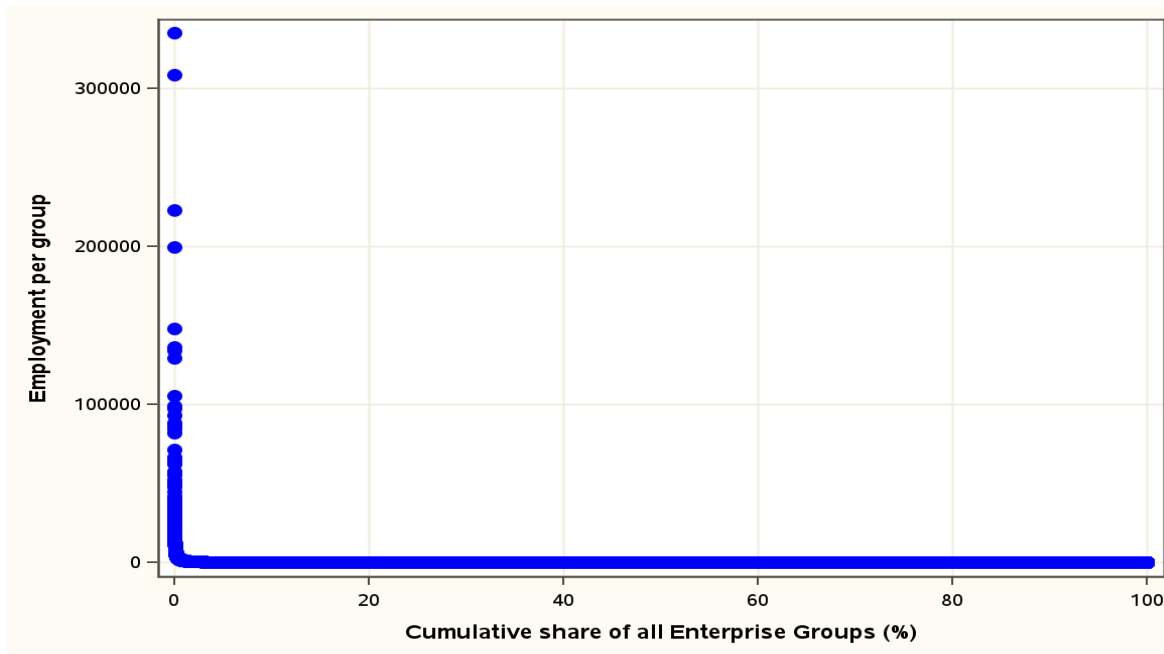
Sources: <Angaben der Fundstelle oder Datenquelle>

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Which enterprise groups are very relevant?

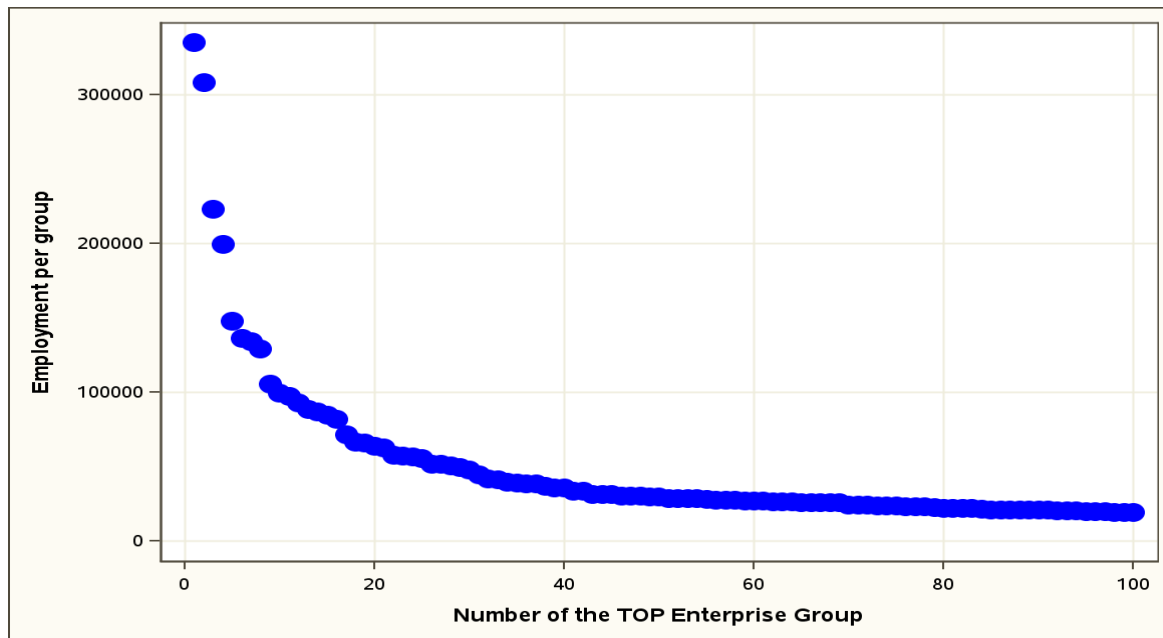
290.000 groups

2.900 groups (1%)

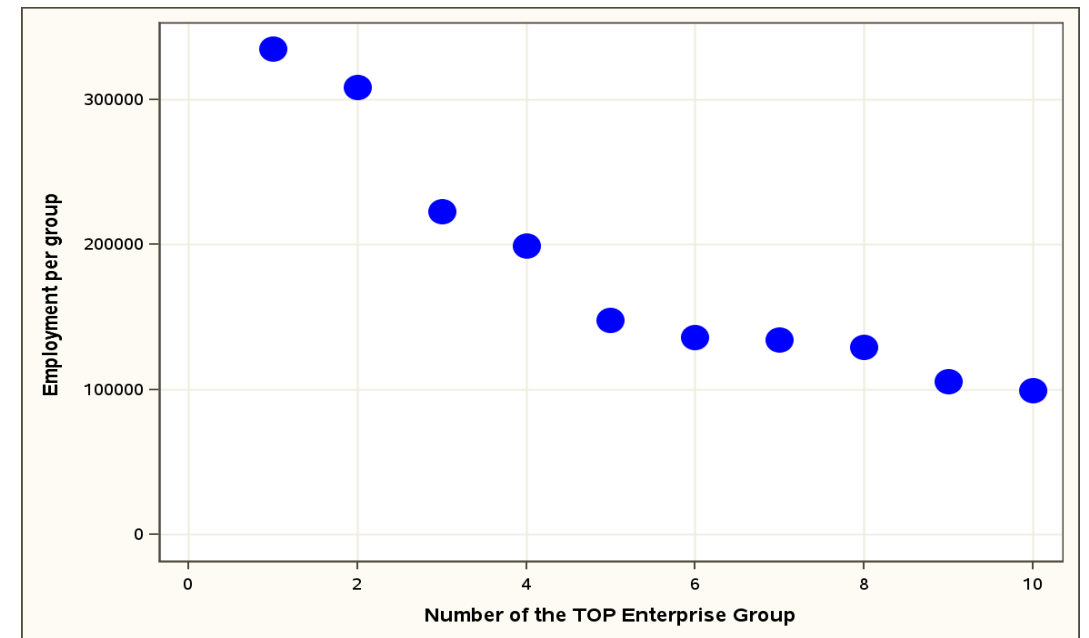


Which enterprise groups are very relevant?

100 groups



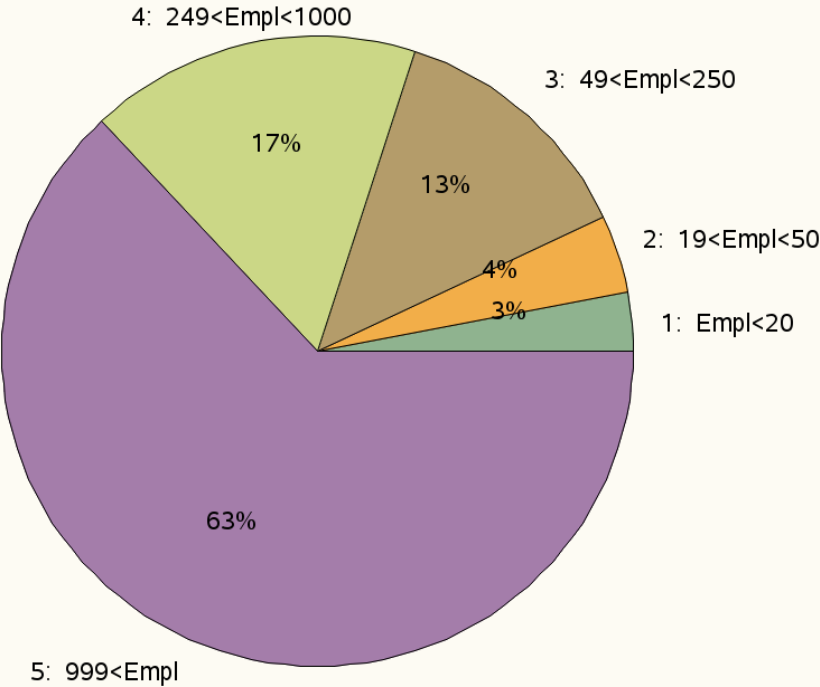
10 groups



Size Classes

All Enterprise Groups: Share of employment per class (old classification) relative to all Enterprise Groups

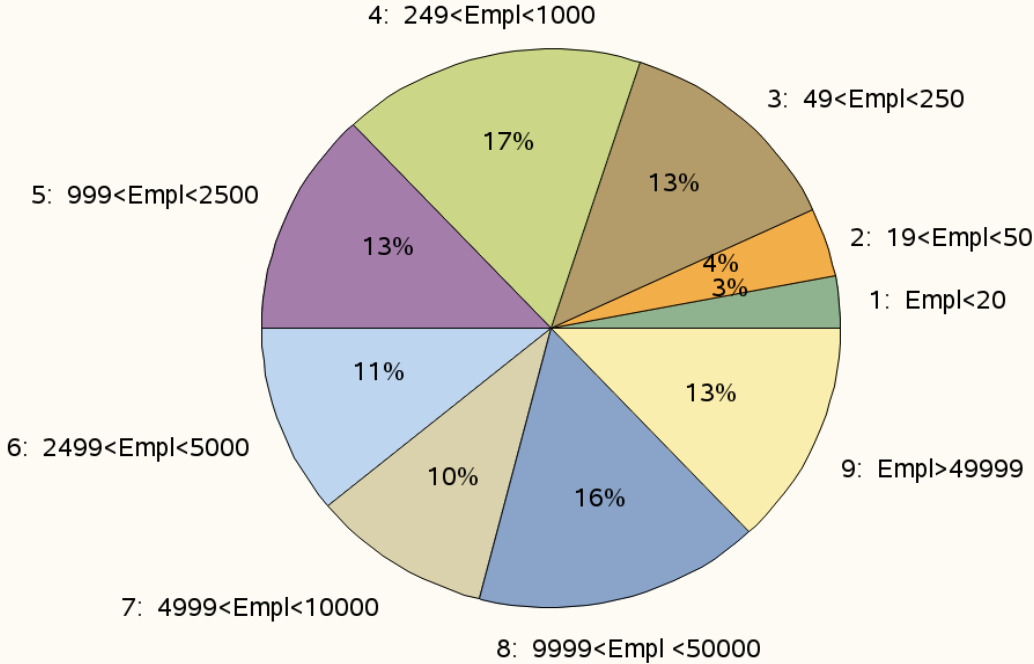
„traditional size classes“



Federal Statistical Office (Destatis)

All Enterprise Groups: Share of employment per class (new classification) relative to all Enterprise Groups

„enterprise groups size classes“



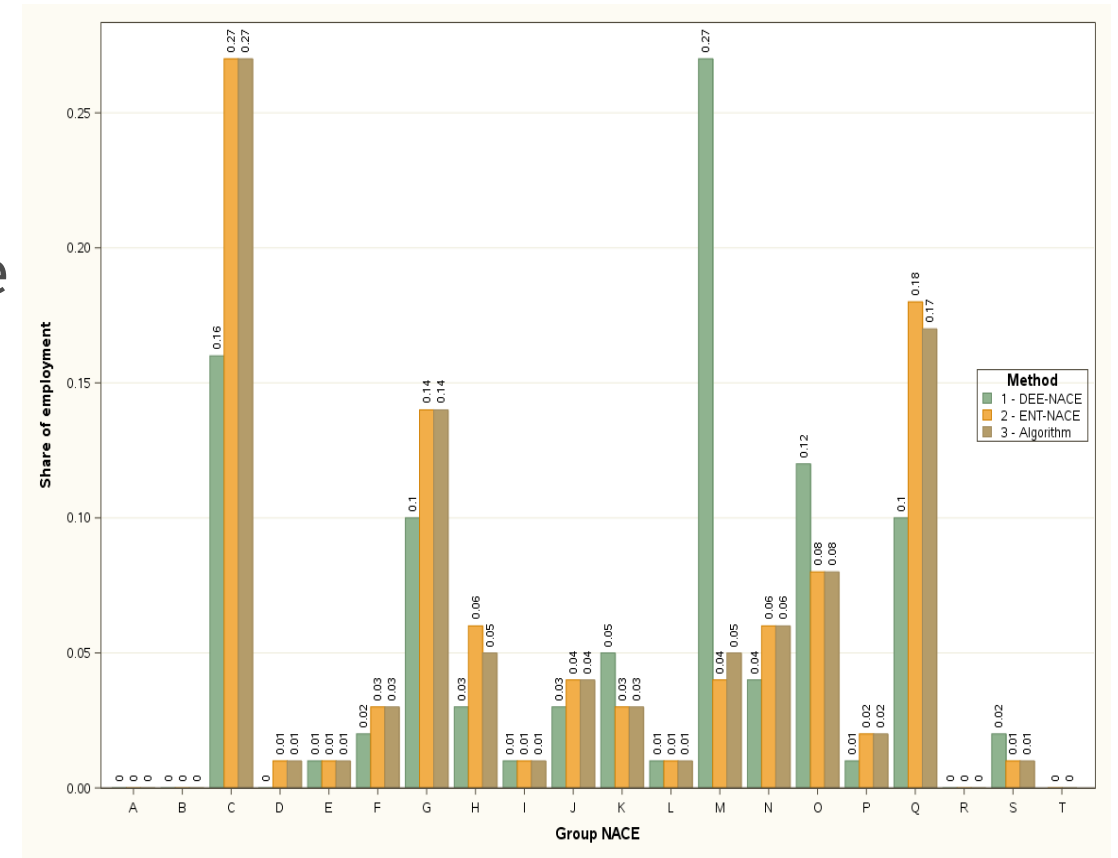
„What do they do?“ – talking about activity codes

3 versions: employment by NACE sections

Green: activity of the Global Decision Centre

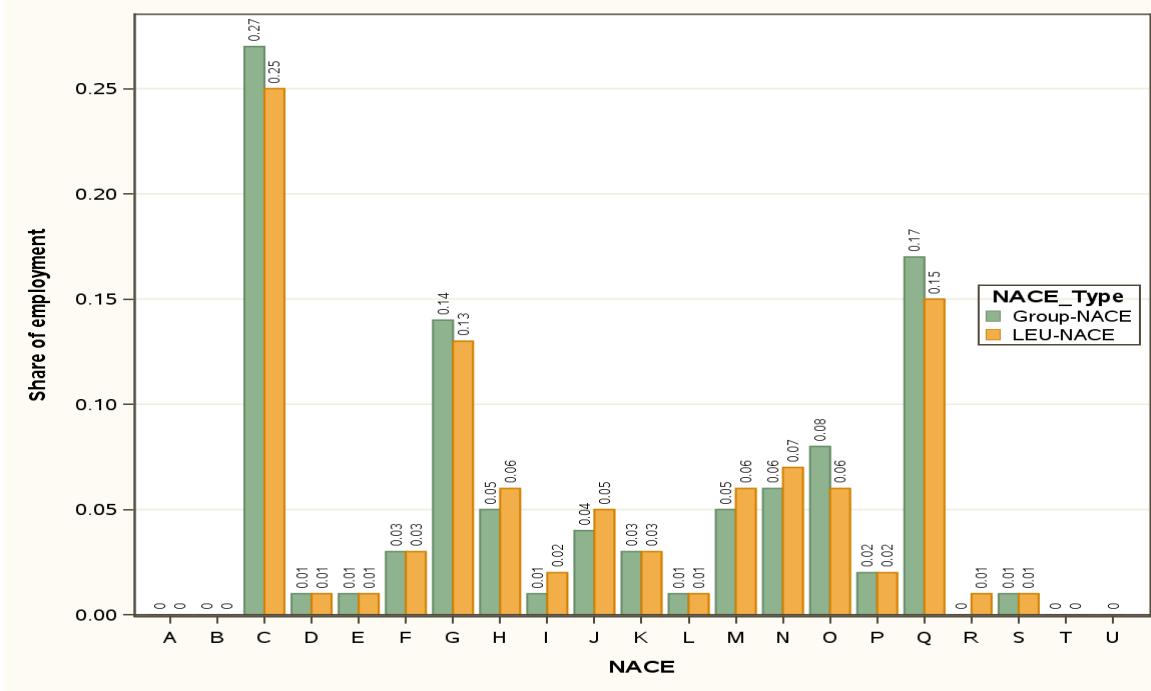
Orange: activity of the biggest enterprise

Brown: activity by NACE-algorithm

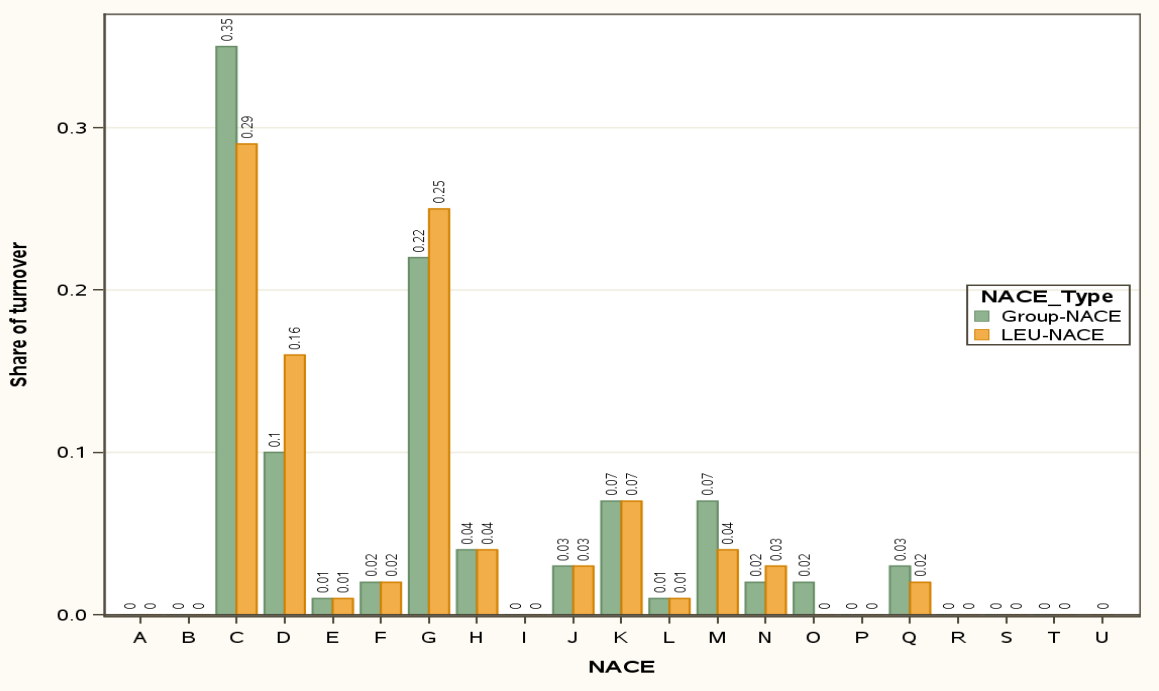


Aggregated (group) data or granular (legal unit) data?

employment



turnover



Group dynamics: Continuity of groups

Rommelspacher-Urban-metric for similarity

$$\text{Kombiniertes Ähnlichkeitsmaß}(A, B) = \begin{cases} a * \frac{\text{Anzahl RE}(A \cap B)}{\text{Anzahl RE}(A)} + b * \frac{\text{Anzahl RE}(A \cap B)}{\text{Anzahl RE}(B)} + c * \frac{\sum \text{Beschäftigten der RE}(A \cap B)}{\sum \text{Beschäftigten der RE}(A)} + d * \frac{\sum \text{Beschäftigten der RE}(A \cap B)}{\sum \text{Beschäftigten der RE}(B)} \\ 2a * \frac{\text{Anzahl RE}(A \cap B)}{\text{Anzahl RE}(A)} + 2b * \frac{\text{Anzahl RE}(A \cap B)}{\text{Anzahl RE}(B)} \end{cases}$$

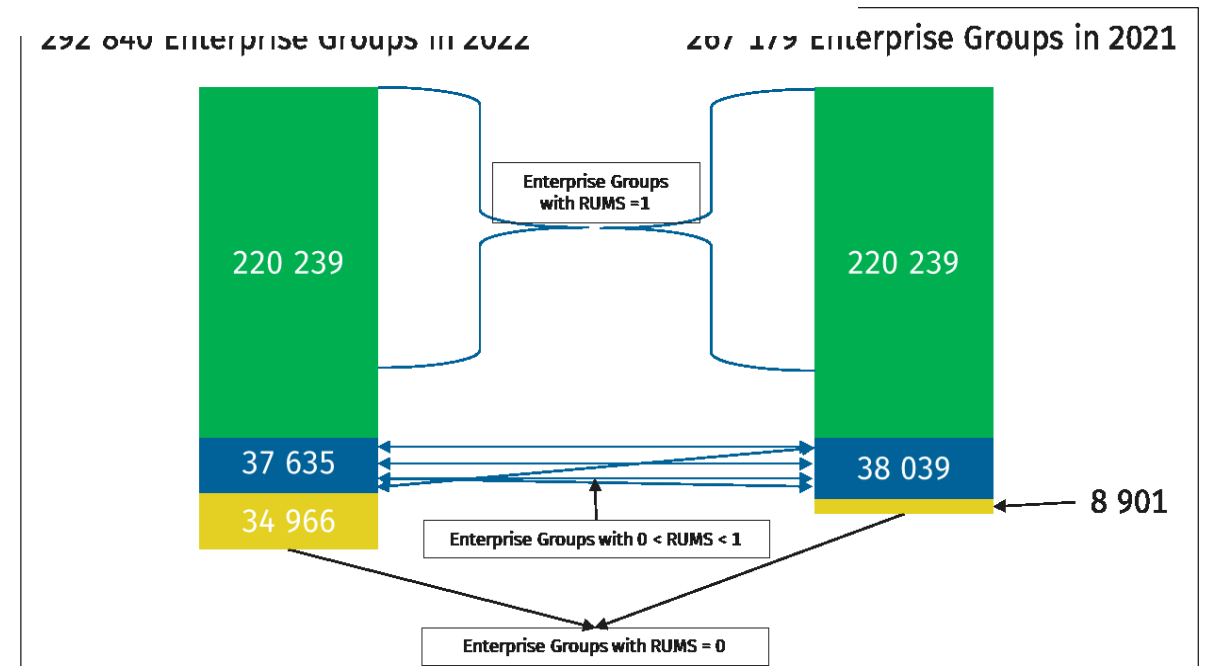
$$\begin{aligned} &\sum \text{Beschäftigten der RE}(A) > 0 \\ &\sum \text{Beschäftigten der RE}_A = 0 \text{ oder RE}_B = 0 \end{aligned}$$

Unter den Nebenbedingungen: $a + b + c + d = 1$ und $2a + 2b = 1$

Green: continuity

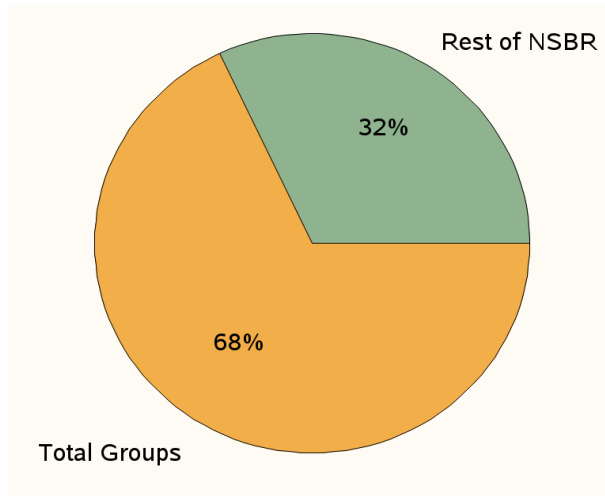
Blue: ambiguous continuity

Yellow: no continuity

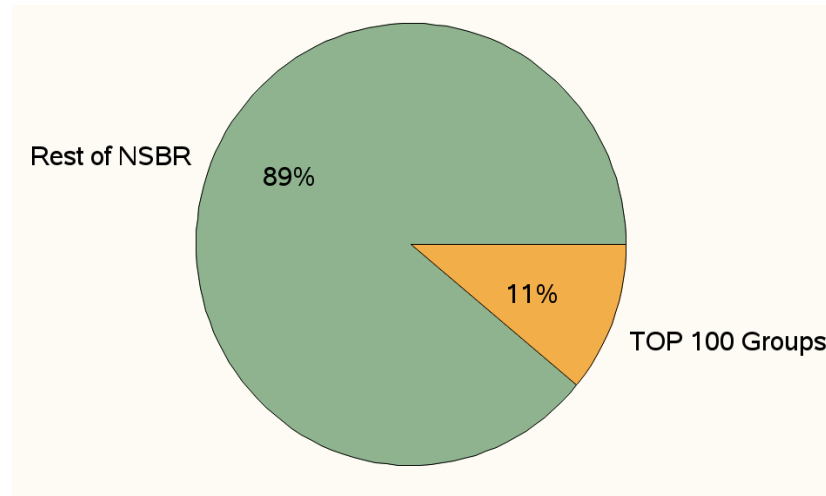


Coming back to the big players

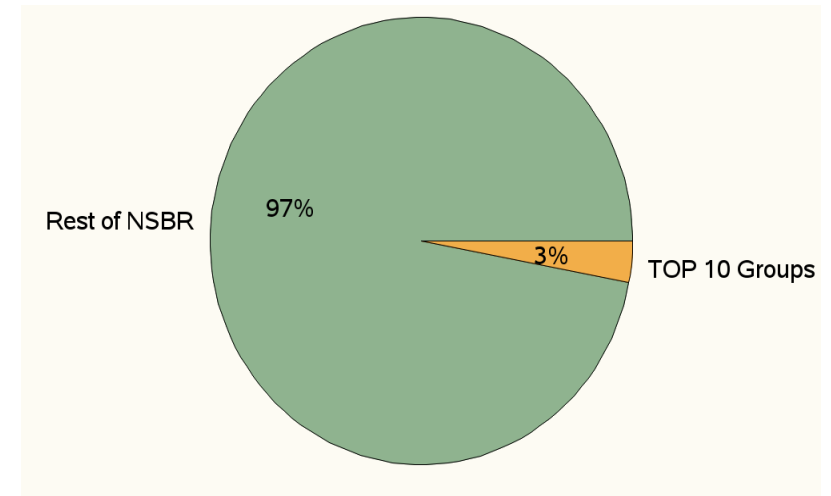
Employment of all groups



top-100



top-10

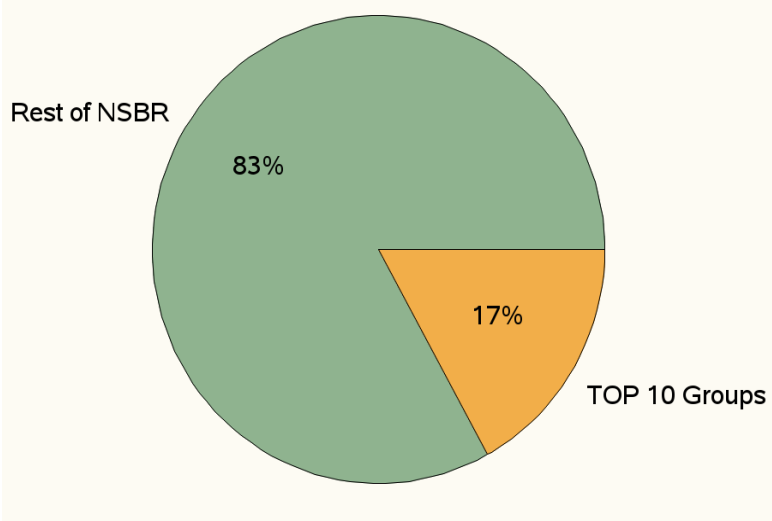
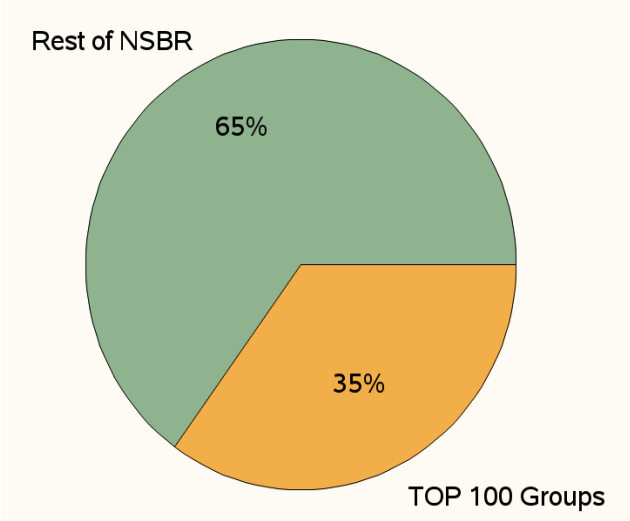
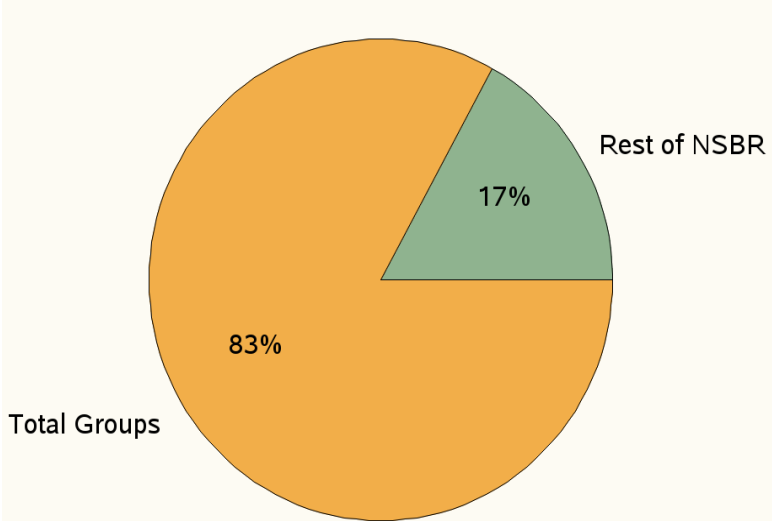


Coming back to the big players

Turnover of all groups

top-100

top-10



Talking about multinationals

legal units

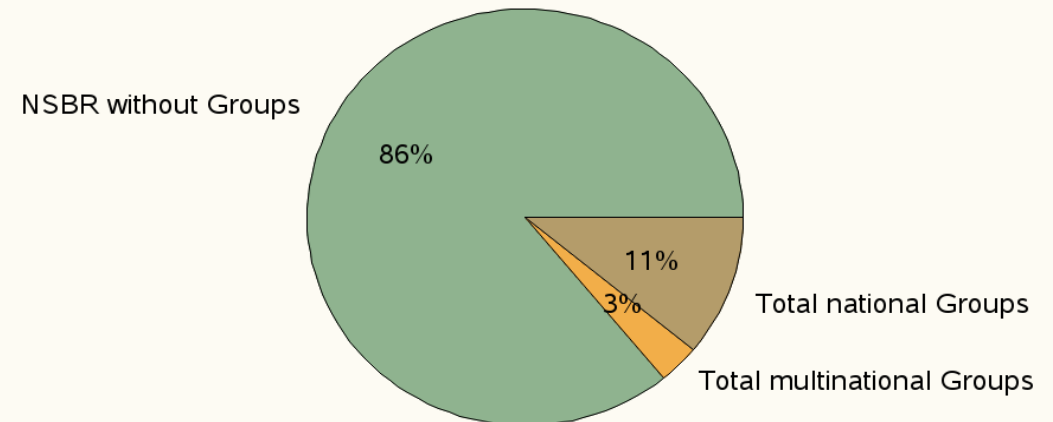
In terms of number of legal units

Enterprise Groups

especially multinational groups

are a minor issue

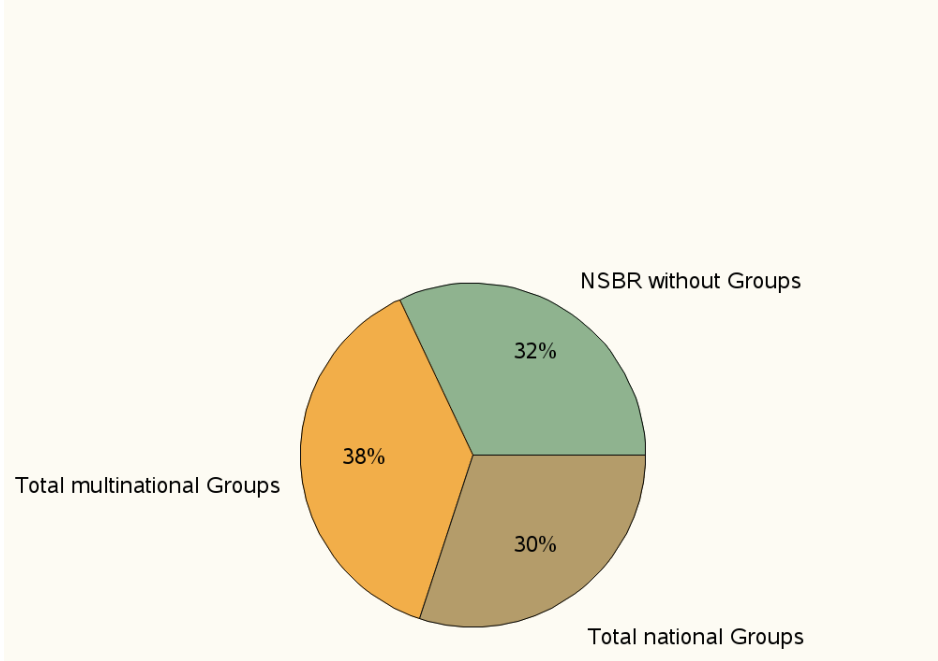
Proportion of the legal units of all national and multinational enterprise groups in all legal units of the NSBR



Talking about multinationals

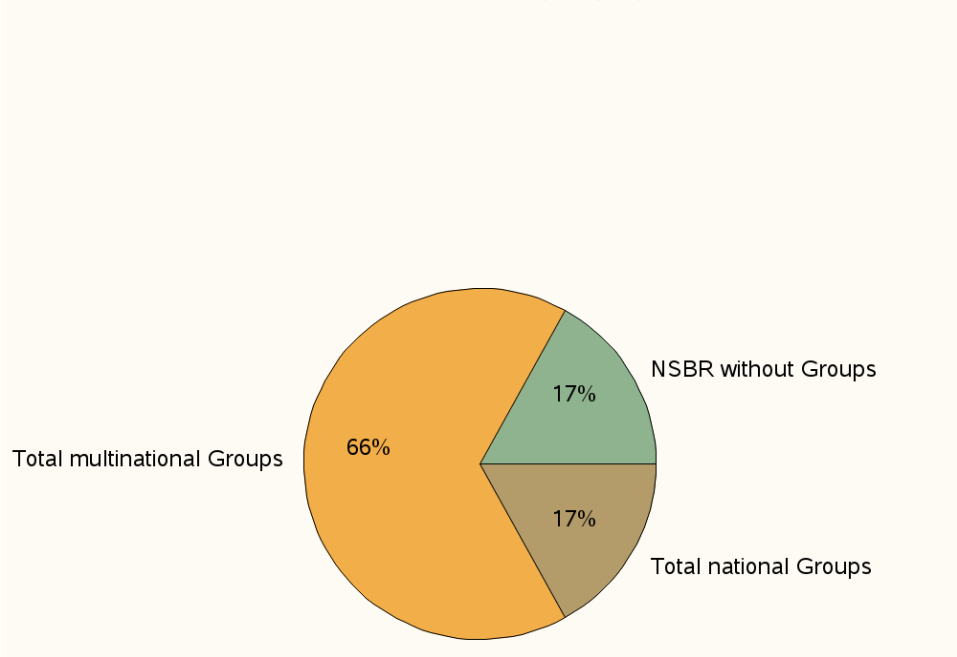
employment

Proportion of employment of all national and multinational enterprise groups in the total employment of the NSBR



turnover

Proportion of turnover of all national and multinational enterprise groups in the total turnover of the NSBR



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