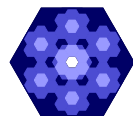


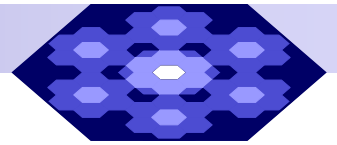
# **Funkční regiony České republiky: příklady jejich vymezení**

**Pavel Klapka  
Marián Halás  
Petr Tonev**

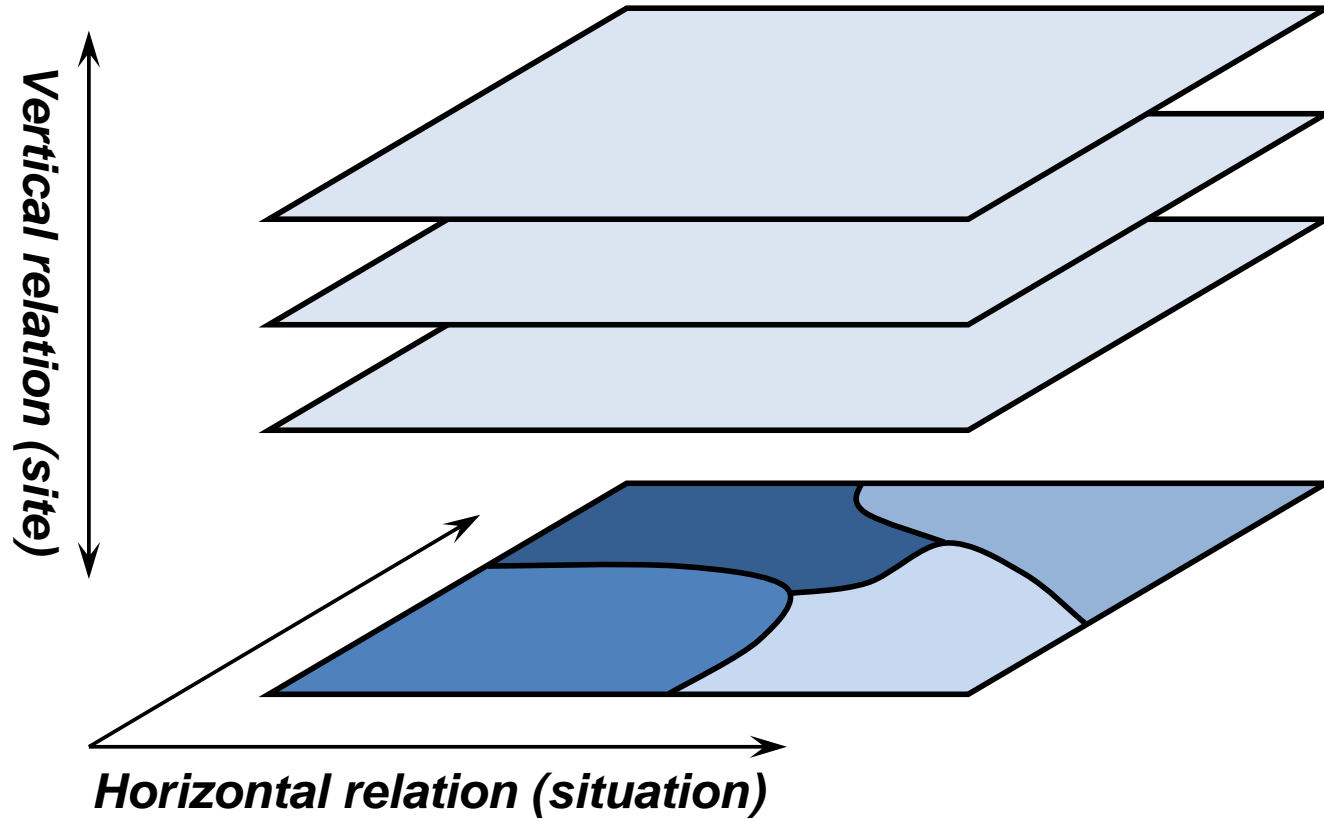


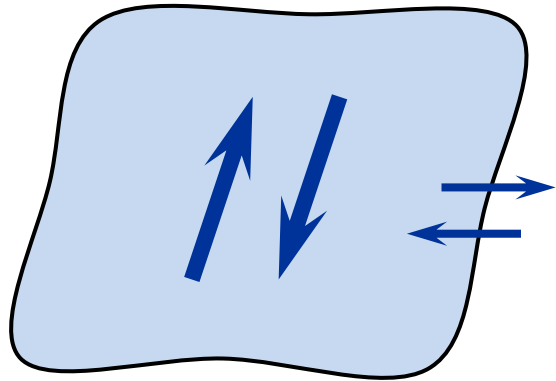
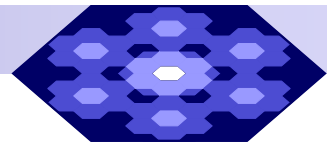
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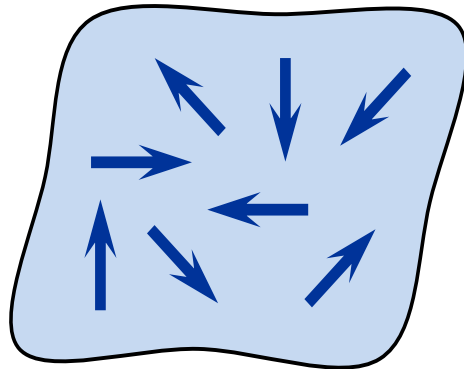
## *Regiony v geografii*



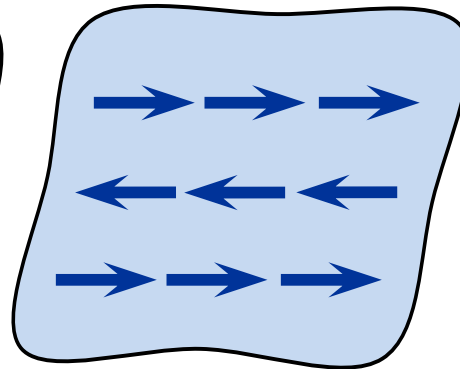


## *Funkční region*

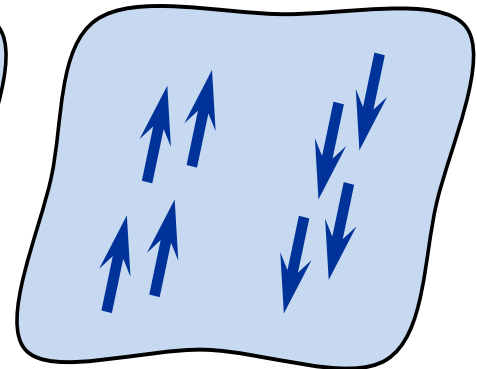
*Random*



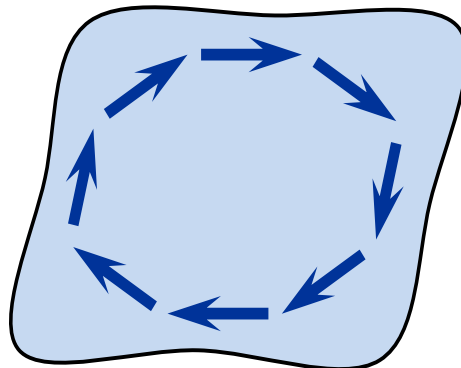
*Oriented*



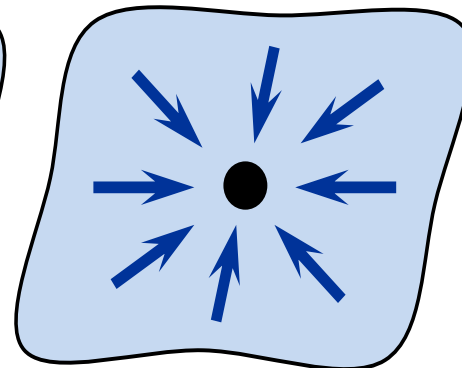
*Channeled*

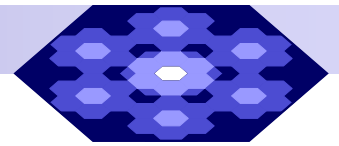


*Circular*



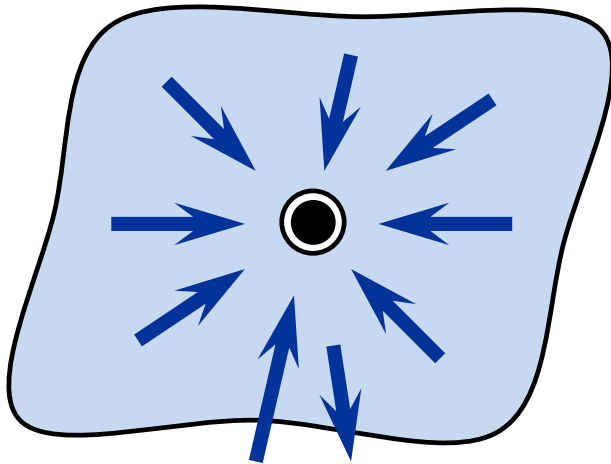
*Nodal*



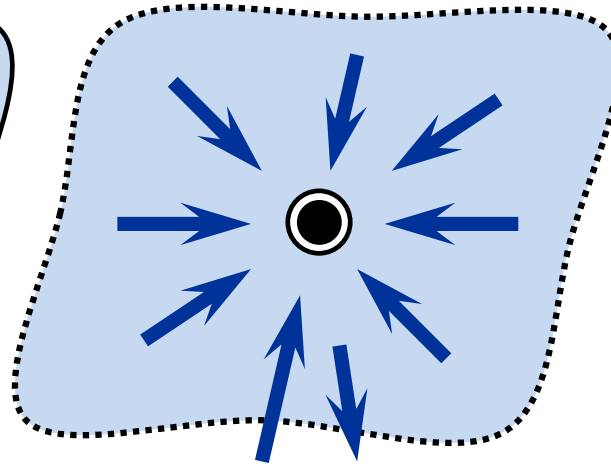


## *Specifické případy funkční regionů*

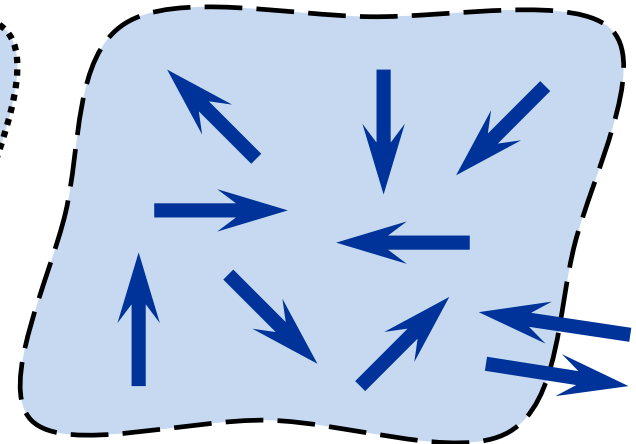
a) FUR

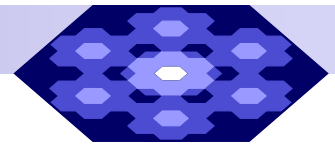


b) DUS



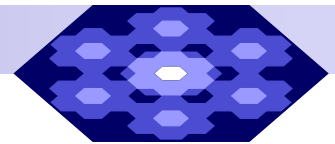
c) LLMA





## *Funkční regiony České republiky*

- *SLDB 2001*
- *Dojíždka do zaměstnání*
- *Základní prostorové jednotky (stavební kameny) regionalizace: obce*
- *Jednoduché metody („první tok“): ČSÚ, Hampl, Sýkora-Mulíček, Halás a kol.*
- *Pokročilé metody: založené na pravidlech, na komplexních interakčních mírách*

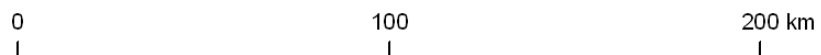
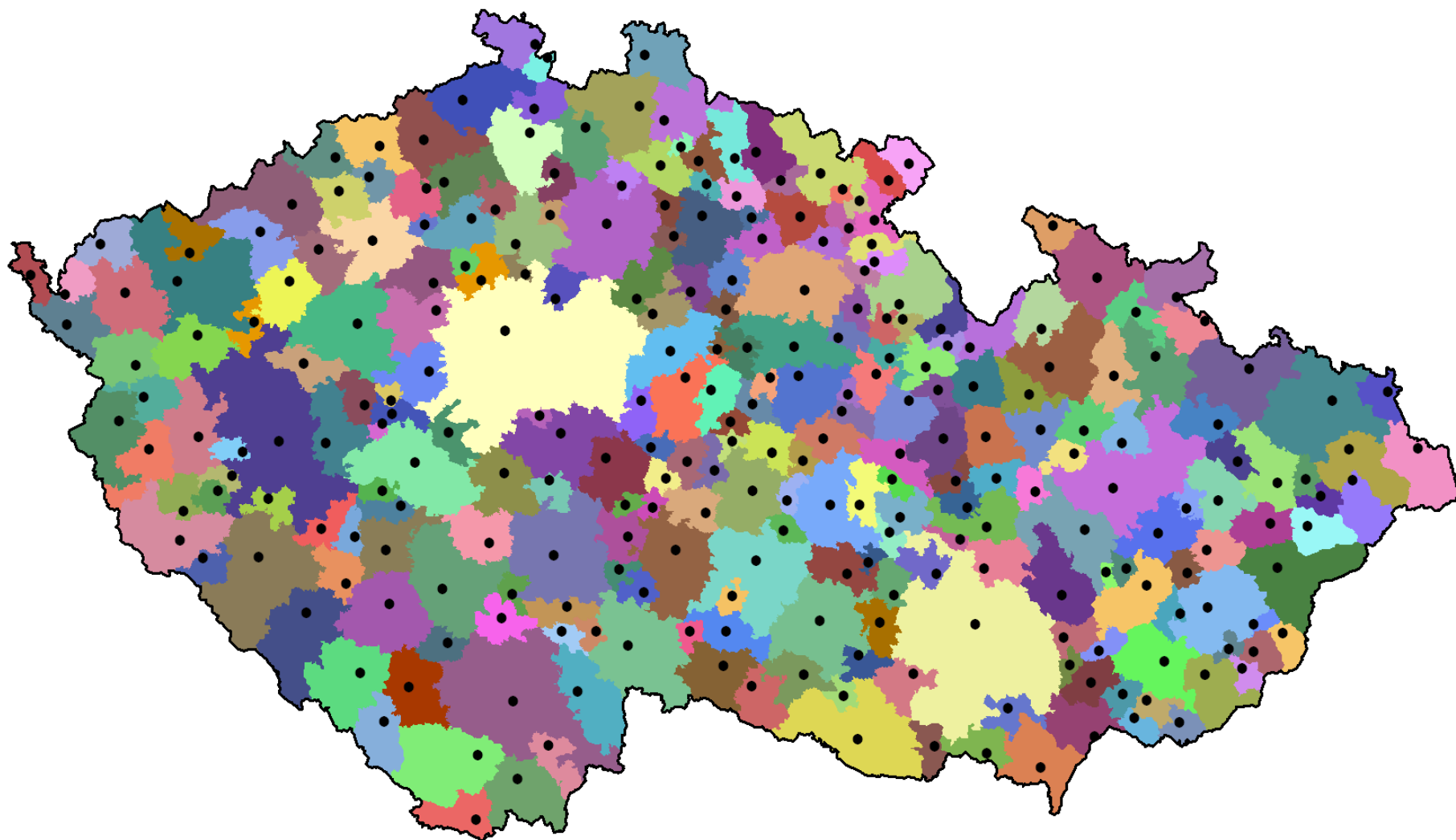
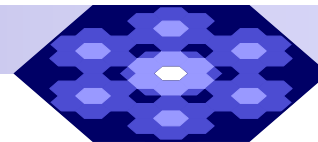


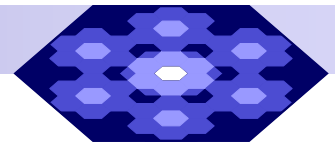
## *Funkční regiony České republiky*

- *Široká paleta názvů, někdy ne zcela přesných*
- *Porovnání výsledků jednoduchých a pokročilých metod*
- *Možnosti pokročilých metod*
  - *Nastavení parametrů*
  - *Volba interakční míry (reversní toky, relativizované toky)*

$$T'_{ij} = \frac{T_{ij}^2}{\sum_k T_{ik} * \sum_k T_{kj}} + \frac{T_{ji}^2}{\sum_k T_{jk} * \sum_k T_{ki}}$$

# *Mikroregiony (Halás a kol.)*

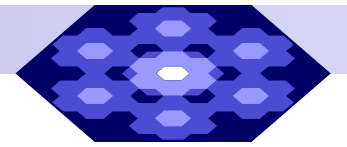




## *Základní parametry komparace*

- *ČSÚ 2004*
  - *10 000 obyvatel*
  
- *Hampl 2005*
  - *15 000 obyvatel*
  
- *Sýkora, Mulíček 2009*
  - *6 000 obyvatel*
  
- *Pokročilá metoda: jednosměrná uzavřenost 0,7 – 0,75, velikost přizpůsobena předchozím parametrům, trade-off*

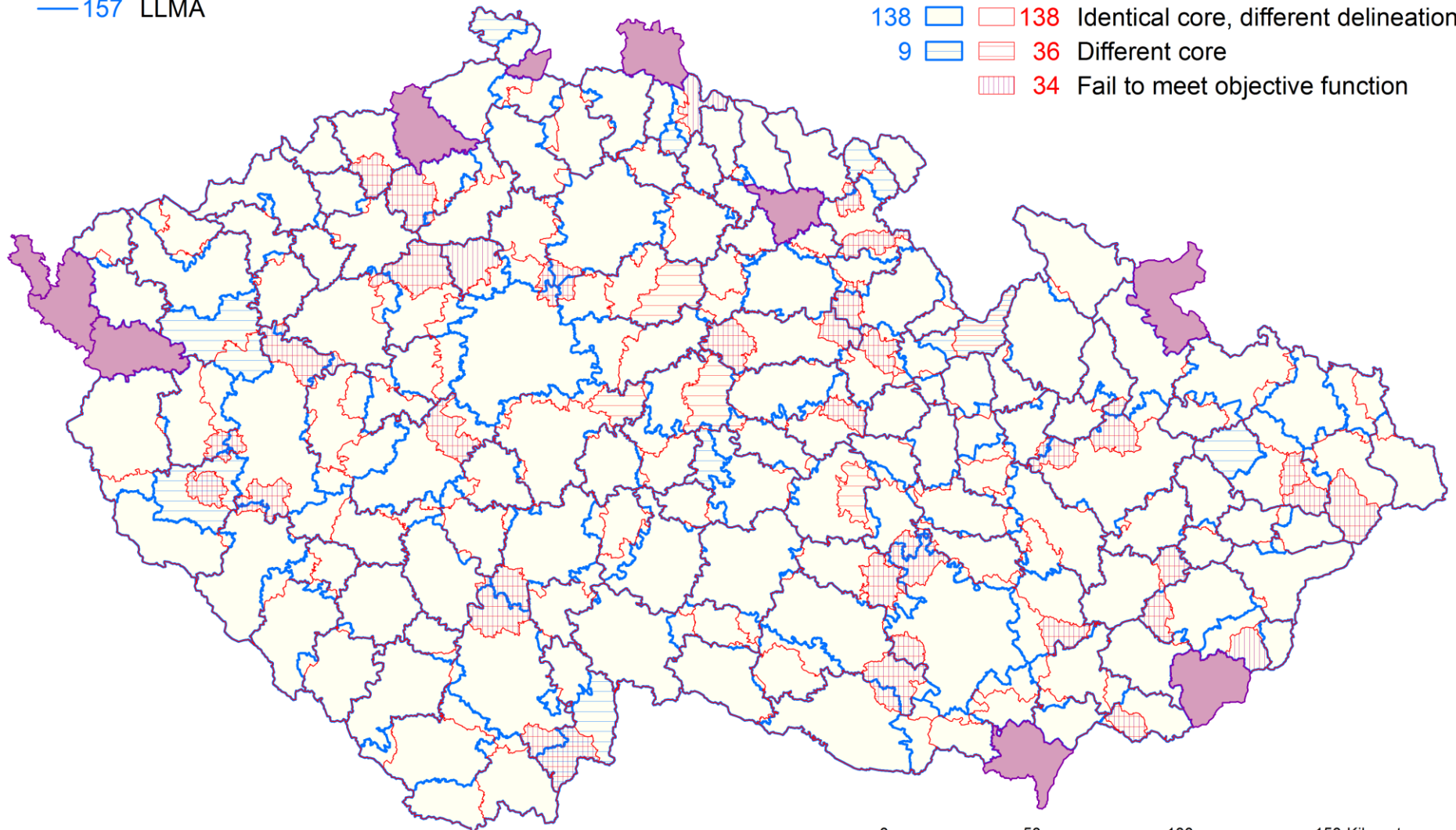




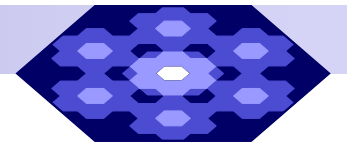
# Pracovní mikroregiony (ČSÚ)

— 184 ČSÚ (2004)  
— 157 LLMA

10		10	Identical core and delineation
138		138	Identical core, different delineation
9		36	Different core
		34	Fail to meet objective function



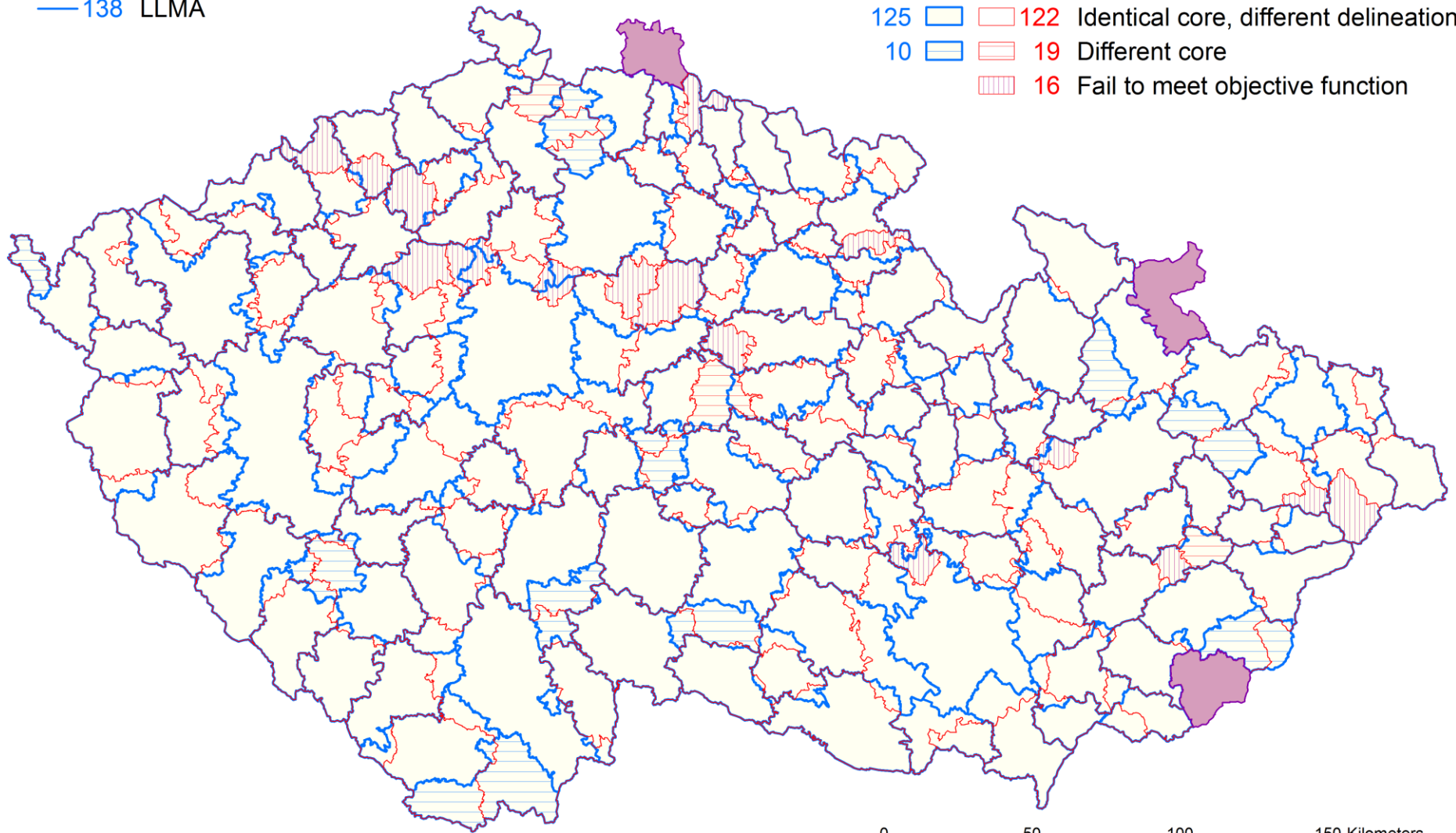
0 50 100 150 Kilometers



# Elementární funkční regiony (Hampl)

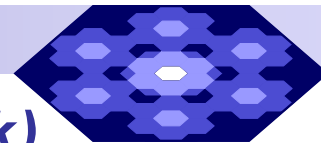
— 144 Hampl (2005)  
— 138 LLMA

3		3	Identical core and delineation
125		122	Identical core, different delineation
10		19	Different core
		16	Fail to meet objective function



0 50 100 150 Kilometers

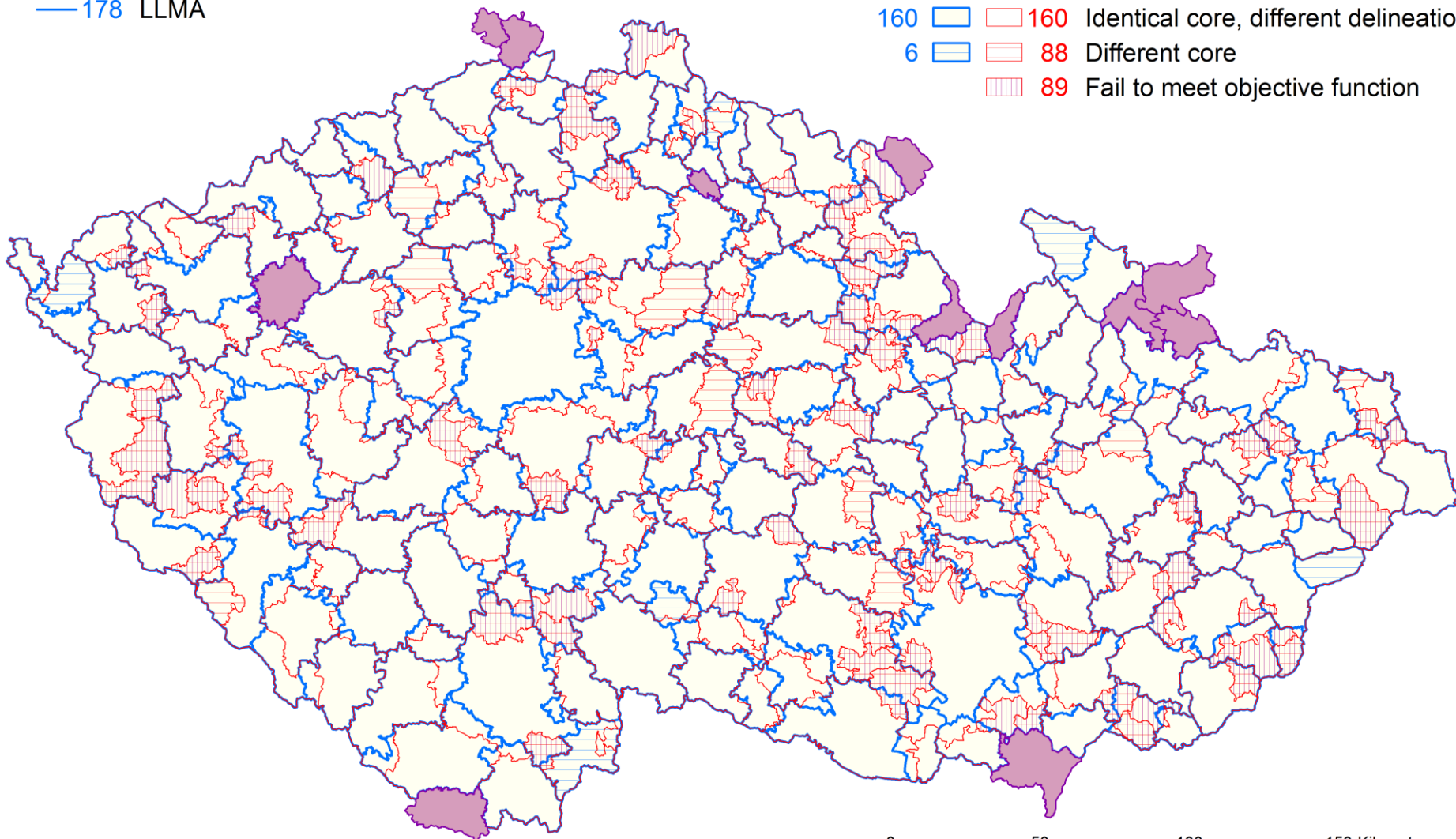
# Komplexní mikroregiony (Sýkora, Mulíček)



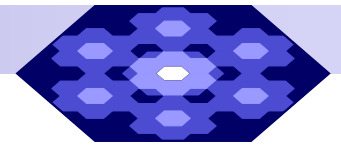
— 260 Sýkora, Mulíček (2009)

— 178 LLMA

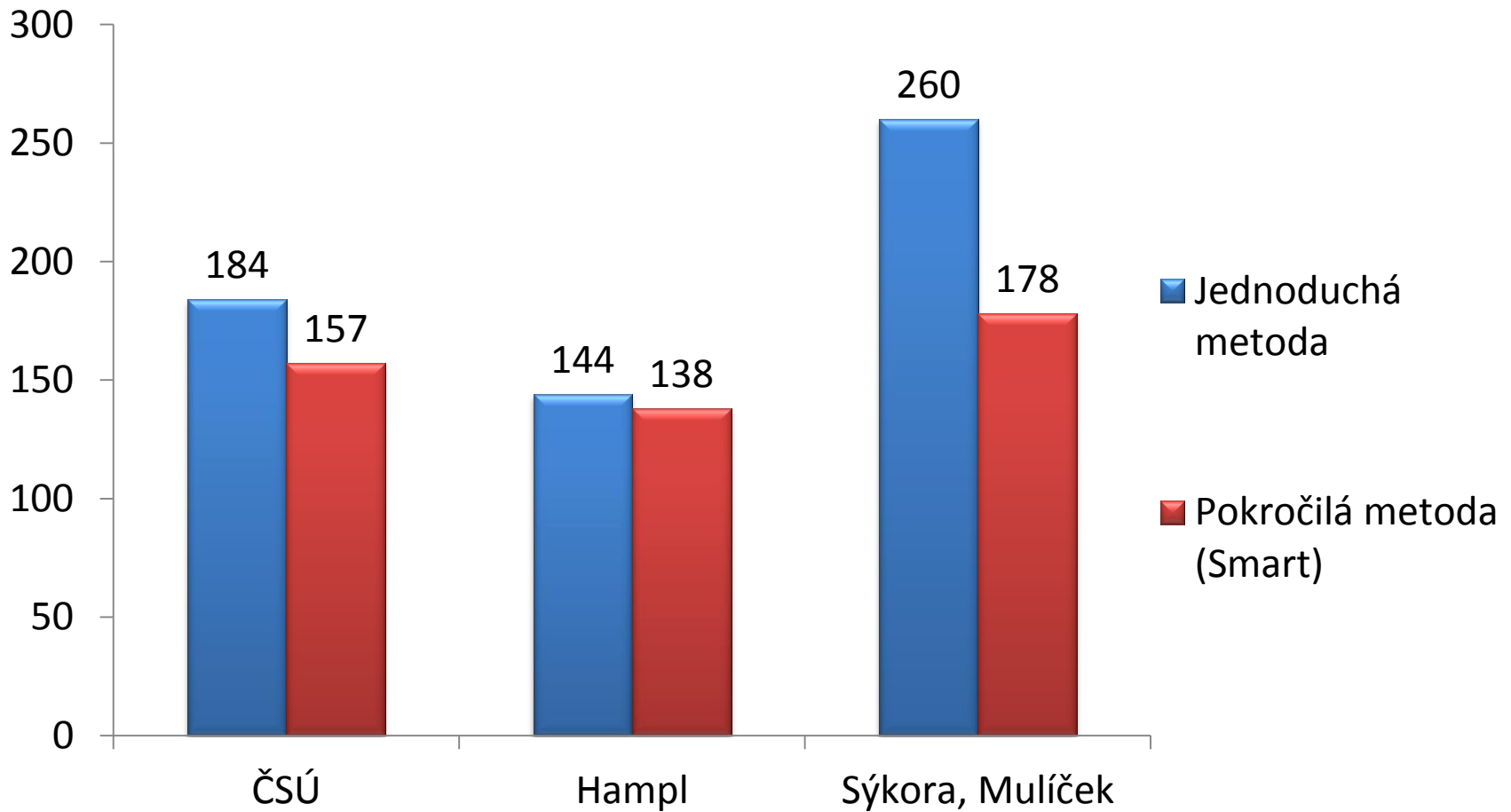
12		12	Identical core and delineation
160		160	Identical core, different delineation
6		88	Different core
		89	Fail to meet objective function



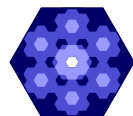
0 50 100 150 Kilometers



## Porovnání výsledků jednoduchých a pokročilých metod regionální taxonomie



**Děkujeme za pozornost**



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