



# Methodological advances in multi-sectoral, multi-country economic analyses: the PECUNIA project

EUPHA-ECO webinar: Economic burden of diseases: methodological pearls and pitfalls  
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# PECUNIA Project (2018-2021)



PECUNIA



Erasmus  
University  
Rotterdam



Servicio  
Canario de la Salud



PSSRU  
Personal Social Services Research Unit



Judit Simon

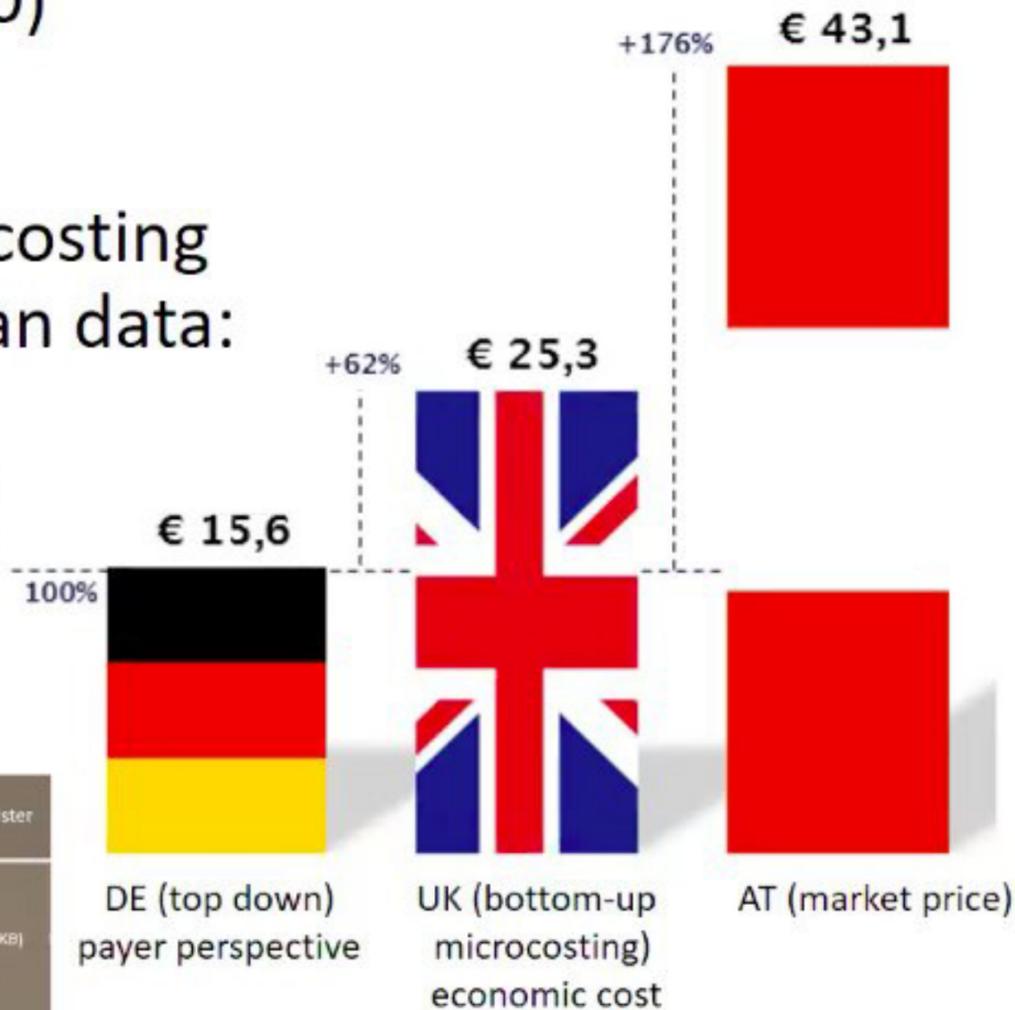


# Heterogeneity in 'unit cost valuation methods'

**Unit cost:** average monetary value of a unit of resource use (e.g. contact) (Beecham 2000)

Example:

Application of international costing approaches based on Austrian data:  
general practitioner (GP)  
consultation unit cost (2015)  
→ **staggering differences** in unit cost estimates



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Are Unit Costs the Same? A Case Study Comparing Different Valuation Methods for Unit Cost Calculation of General Practitioner Consultations

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## Harmonisation step 4: Valuation

- **Reference Unit Cost (RUC):** standardized methodology applied in unit cost development
- **PECUNIA RUC Templates:**
  - Microsoft Excel (2013) based input masks with automated calculations based on harmonized methodology for transparent RUC development
  - Service 1, 2, 2-short (top-down micro or gross costing); Personal time; Productivity loss; Tangible consequences
  - Primary and/or secondary input data
- **PECUNIA RUC Compendium:**
  - Microsoft Excel (2013) based collection of harmonised RUCs across countries

