## 18th Winter School on Inequality and Social Welfare Theory – Canazei January 2025

## Decomposition of poverty measures

## Alain Trannoy (AMSE)

## **REFERENCES**

Aristondo, O., D'Ambrosio, C., & Lasso de la Vega, C. (2023) Decomposing the changes in poverty: Poverty line and distributional effects. *Bulletin of Economic Research*, 75, 1048–1063. Baark, J., E. Fourrier-Nicolas, D. Grstein & A. Trannoy (2025) Poverty levels and trends: France and Germany compared with a nested decomposition of the FGTs. Mimeo.

Bresson, F. (2008). The estimation of the growth and redistribution components of changes in poverty: A reassessment. *Economics Bulletin*, *9*(14), 1–7.

Datt, G., & Ravallion, M. (1992). Growth and redistribution components of changes in poverty measures: A decomposition with applications to Brazil and India in the 1980s. *Journal of Development Economics*, 38(2),275–295.

Förster, M. F., & d'Ercole, M. M. (2012). The OECD approach to measuring income distribution and poverty. In D.J. Besharov & K. A. Couch (eds.) Counting the poor: New thinking about European poverty measures and lessons for the United States (pp. 27–58). Oxford University Press.

Foster, J., Greer, J., & Thorbecke, E. (1984). A class of decomposable poverty measures. *Econometrica*, *52*, 761–766.

Foster, J., Greer, J., & Thorbecke, (2010). E. The Foster-Greer-Thorbecke (FGT) Poverty measures twenty-five years later *J Econ Inequal* 8, 491–524

Fujii, T. (2017). Dynamic poverty decomposition analysis: An application to the Philippines. *World Development*, 100, 69–84.

Kakwani, N. (2000). On measuring growth and inequality components of poverty with application to Thailand. *Journal of Quantitative Economics*, 16(1), 67–80.

Müller, A. (2006). *Clarifying poverty decomposition*. Working Papers in Economics, 217, Göteborg University.

Okamoto, M. (2011). Source decomposition of changes in income inequality: The integral-based approach and its approximation by the chained Shapley-value approach. *Journal of Economic Inequality*, 9(2), 145.

Sastre and A.Trannoy (2002): « Shapley Inequality Decomposition By Factor Components: Some Methodological Issues" *Journal of Economics* 2002, 51-89.

Sen, A. (1976). Poverty: An ordinal approach to measurement. *Econometrica*, *44*, 219–231. Shapley, L. S. (1953). A value for n-person games. *Contributions to the Theory of Games*, *2*(28), 307–317.

Shorrocks, A. F. (2013). Decomposition procedures for distributional analysis: A unified framework based on the Shapley value. *The Journal of Economic Inequality*, 11(1), 99–126.