## Generalised calibration for non-response and nonprobability samples

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## **Abstract**

Generalised calibration is a reweighting method useful for addressing non-ignorable unit non-response in probability samples. We review some of the method's key features. Next, we extend its use for non-probability samples. This extension uses new assumptions compared to those usually employed: firstly, the participation probabilities depend on the variable of interest; secondly, we do not assume full population coverage, but only coverage of a subpopulation from which the non-probability sample is selected. Finally, we present some simulation results and discuss the method's pros and cons

**Keywords:** calibration, reweighting, participation probability, undercoverage.

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