

## Table of contents

1. Introduction .....	9
2. Variance estimation approach .....	11
2.1 Case of linear indicators .....	12
2.2 Case of non-linear indicators .....	12
2.3 Interpretation in terms of regression residuals.....	13
2.4 Calibration and imputation .....	13
2.5 Extension to estimators of net changes between two waves .....	14
3. Preliminary results .....	17
3.1 Cross-sectional measures .....	18
3.2 Longitudinal measures .....	18
3.3 Measures of change .....	18
4. Design effect estimation .....	21
5. The importance of quality design variables .....	23
6. Conclusion and way forward .....	25
7. References .....	27
8. Annexes .....	29
Annex 1: Numerical Results .....	29
Annex 2: Proposed changes to ‘Doc065’ which describes the EU-SILC target variables .....	52