

**MARDI
14 SEPTEMBRE 2021
COLLOQUE VIRTUEL**

HEURE : 8H30 – 9H30

LIEU : COLLOQUE VIA WEBEX

Prospective studies examining associations of lifestyle -related exposures and mortality: does cohort (non)representativeness matter?

INTERVENANT

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DESCRIPTIF

Over 1000 UK Biobank papers examining associations of with mortality have been published to date, with a large proportion of them concerning associations of lifestyle risk factors (physical activity, diet, sleep, alcohol intake, obesity, etc). Like the vast majority of cohort studies internationally, the UK Biobank (baseline 2006-10, n=500,000) had a very low response rate (5.5%) and it is thus unrepresentative of the UK target population as a whole. Very little empirical research has examined if such non-representativeness affects materially the magnitude and/or direction of exposure-mortality estimates of association. This seminar will discuss non-representativeness as a potential source of bias in prospective observational studies and will describe a recently published study that used post-stratification to correct the sociodemographic and behavioural profile of the UK Biobank sample to the UK population. (Stamatakis E, et al. Epidemiology 2021; 32 (2): 179-188. [doi: 10.1097/EDE.0000000000001316](https://doi.org/10.1097/EDE.0000000000001316)).

Recommandé par la Société Suisse des Spécialistes en prévention et santé publique (SPHD) pour la reconnaissance de la formation continue.

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