

Time-Dependent Associations Between Body Composition, Physical Activity, and Current Asthma in Women: A Marginal Structural Modeling Analysis

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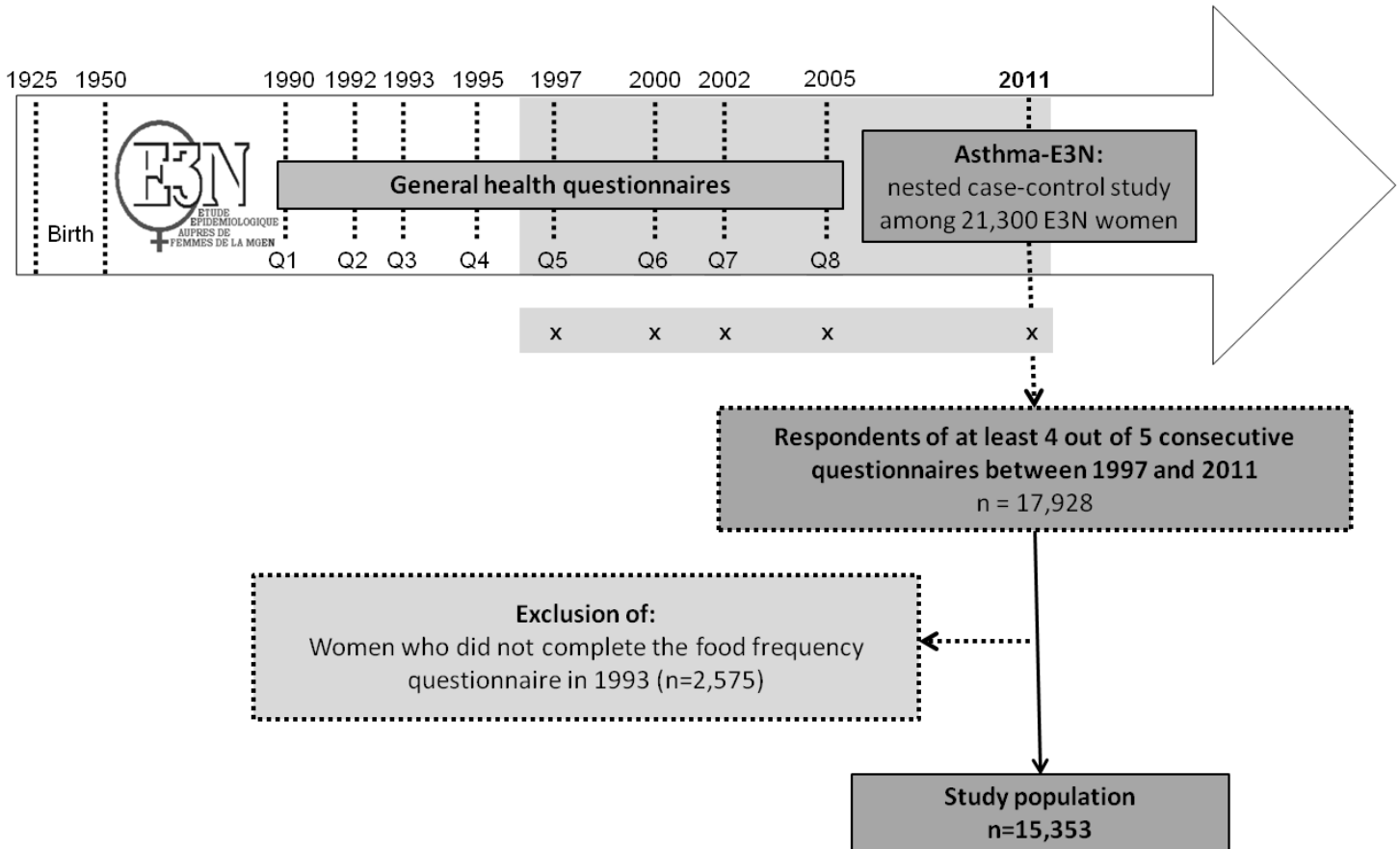
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Web Figure 1. Selection of the study population, Asthma-E3N Study, 2000–2011. E3N, Etude Epidémiologique auprès de Femmes de la Mutuelle Générale de l'Education Nationale.



Web Table 1. Comparison of excluded women with included women, Asthma-E3N Study, 2000–2011

	Included (n = 15,353)	Excluded (n = 5,947)	P Value*	P Value**
Age (years)†, mean (SD)	59.2 (6.3)	59.4 (6.5)	0.03	—
BMI (weight (kg)/height (m) ²)†, mean (SD)	23.7 (3.7)	24.3 (4.1)	<0.0001	<0.0001
BMI, % †				
<20.0	12.2	10.7		
20.0–24.9	58.2	53.9	<0.0001	<0.0001
25.0–29.9	23.5	26.3		
≥30.0	6.2	9.2		
Physical activity (MET-hours/week)†, mean (SD)	71.1 (39.3)	69.6 (41.9)	0.05	0.07
Years of education, %				
<12	10.7	18.1		
12–14	51.2	48.2	<0.0001	<0.0001
15–16	19.0	17.5		
≥17	19.2	16.1		
Smoking status, % †				
Nonsmoker	52.5	52.5		
Past smoker	39.0	35.9	<0.0001	<0.0001
Current smoker	8.5	11.6		
Postmenopausal women, % †	89.9	91.7	0.0002	<0.0001
Use of HRT among postmenopausal women, % †	76.9	69.6	<0.0001	<0.0001
Ever asthma, % †	22.7	24.6	0.009	0.02

E3N, Etude Epidémiologique auprès de Femmes de la Mutuelle Générale de l'Education Nationale; HRT, hormone replacement therapy; MET, metabolic equivalent of task; SD, standard deviation.

* Chi-squared tests were conducted for categorical variables, and *t* tests were conducted for continuous variables.

** *P* value after adjustment for age. Logistic regression models were used for categorical variables, and generalized linear models were used for continuous variables.

† Women were compared based on their characteristics assessed in 2000 (questionnaire 6).