**Supplemental material**

**Gender differences in the association between adherence to healthy diet principles and adherence to cardiopreventive medication among adults from Québec (Canada).**

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**Supplemental Table S1: Differential association between AHEI and medication adherence, according to the participants’ gender and alternative medication adherence calculation approaches.**

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| --- | --- | --- | --- |
| **AHEI components** | **Women (n=268)** | **Men (n=204)** | ***P* value for interaction** |
| **β (95% CI)**  | ***P* value** | **β (95% CI)**  | ***P* value** |
| DPPR based on full pharmacotherapy availability | 0.43(-0.12, 0.98) | 0.12 | -0.63(-1.27, 0.01) | 0.05 | 0.01 |
| DPPR based on partial pharmacotherapy availability | 0.43(-0.08, 0.95) | 0.10 | -0.61(-1.17, -0.5) | 0.03 | 0.01 |

*1* Data are presented as β coefficients (95% confidence interval) reflecting the difference in AHEI (%) associated with a 10% increment in DPPR. Models were adjusted for age (years), annual household income (<$50,000; $50,000<$100,000; ≥$100,000), BMI (kg/m2), smoking status (never, past, current), alcohol consumption (grams/day), energy intake (kcal/day), physical activity level (low, moderate, high), and pharmacotherapy type (antihypertensive medication, cholesterol-lowering medication, both), and included the interaction term between DPPR and gender.

**Supplemental Figure S1: Flow-chart of participants’ selection.**

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**Supplemental Figure S2:** **Illustration of examples of DPPR calculation.**



**Supplemental Figure S3: Alternate healthy eating index (AHEI) according to 3 thresholds of adherence to cardiopreventive medication among women (A) and men (B).** Data are presented as mean (95% confidence interval). Models were adjusted for age (years), annual household income (<$50,000; $50,000<$100,000; ≥$100,000), BMI (kg/m2), smoking status (never, past, current), alcohol consumption (grams/day), energy intake (kcal/day), physical activity level (low, moderate, high), and pharmacotherapy type (antihypertensive medication, cholesterol-lowering medication). Columns with different letters are statistically different (*P*<0.05).