

S5 Table. Unadjusted Mean Nutrient Rich Food Index 9.3 for Canadian Children and Adults Stratified by Whole Grain Food Intake.

| | No Whole Grain Food Intake (No-WG) ^a | | Low Whole Grain Food Intake (Low-WG) ^a | | Mid-Whole Grain Food Intake (Mid-WG) ^a | | High-Whole Grain Food Intake (High-WG) ^a | | p value for linear trend ^b | |
|---|---|-------------------|---|-------------------|---|-------------------|---|-------------------|---------------------------------------|---------|
| | Children n=3,305 | Adults n=7,578 | Children n=1,077 | Adults n=2,044 | Children n=1,085 | Adults n=2,156 | Children n=1,101 | Adults n=2,141 | Children | Adults |
| NRF 9.3 score, arbitrary units ^c | 211 ± 4 | 221 ± 6 | 257 ± 7 | 285 ± 7 | 261 ± 6 | 290 ± 10 | 282 ± 6 | 314 ± 7 | <0.0001 | <0.0001 |

Data are based on the Canadian Community Health Survey (CCHS) 2015 and are presented as mean ± standard error in arbitrary units. Results are unadjusted.

^aCCHS 2015 respondents were stratified according to whole grain intake: those in the “no whole grain intake” (No-WG) group reported consuming no whole grain foods on a single 24-hour dietary recall. The remaining participants that consumed whole grains were divided according to age-specific tertiles into low- middle- and high-whole grain foods intake (low-WG, mid-WG, high-WG).

^bStatistical significance was determined based on linear trends across whole grain intake groups for children and adults (separately) and a p<0.05 was considered statistically significant.

^cThe Nutrient Rich Food Index (NRF) 9.3 is a measure of nutrient density adapted to the total diet that calculates the sum of the contribution to daily recommendations for nutrients to encourage (fiber, protein, vitamin D, vitamin C, iron, calcium, potassium, vitamin A, and magnesium) minus the sum of the contribution to daily recommendations for nutrients to limit (total sugar, sodium, and saturated fat) per 2000 kcals.