**Supplementary Table 1a:** Univariable and multivariable ordinal logistic regression for weekly consumption of PW

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **OR** | **95% CI** | **P-value** | **AOR** | **95% CI** | **P-valuea** |
| **SCHOOL-LEVEL VARIABLES** |  |  |  |  |  |  |
| **Water bubblers Reference: ≤ 9** | 1 |  | <0.01 | 1 |  | <0.01 |
|  10 - 19 | 0.53 | 0.42 – 0.68 |  | 0.78 | 0.59 – 1.03 |  |
|  ≥20 | 0.80 | 0.64 – 1.00 |  | 1.14 | 0.88 – 1.48 |  |
| **School ICSEA Reference: ≤ 963** | 1 |  | <0.01 | 1 |  | <0.01 |
|  964 - 1014 | 1.60 | 1.34 – 1.92 |  | 1.24 | 0.99 – 1.55 |  |
|  ≥1015 | 3.44 | 2.79 – 4.23 |  | 1.56 | 1.20 – 2.03 |  |
| **LHD Reference: LHD-1** | 1 |  | <0.01 | 1 |  | 0.24 |
|  LHD-2 | 1.27 | 1.05 – 1.53 |  | 1.19 | 0.94 – 1.49 |  |
|  LHD-3 | 0.83 | 0.68 – 1.00 |  | 1.00 | 0.77 – 1.30 |  |
| **STUDENT-LEVEL VARIABLES** |  |  |  |  |  |  |
| **Aboriginal and Torres Strait Islander: Yes** | 0.44 | 0.34 -0.58 | <0.01 | 0.68 | 0.50 – 0.92 | 0.01 |
| **English is primary language: Yes** | 1.81 | 1.46 – 2.25 | <0.01 | 1.57 | 1.20 – 2.06 | <0.01 |
| **Gender: Male** | 0.74 | 0.63 – 0.86 | <0.01 | 0.87 | 0.73 – 1.04 | 0.14 |
| **PW consumed during exercise/sport**  Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.18 | 0.15 – 0.21 |  | 0.70 | 0.55 – 0.89 |  |
|  Never/Rarely | 0.06 | 0.04 – 0.09 |  | 0.55 | 0.35 – 0.88 |  |
| **PW consumed during home meals** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.18 | 0.15 – 0.21 |  | 0.47 | 0.38 – 0.58 |  |
|  Never/Rarely | 0.04 | 0.03 – 0.05 |  | 0.28 | 0.20 – 0.40 |  |
| **PW consumed during school** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.14 | 0.12 – 0.17 |  | 0.36 | 0.29 – 0.46 |  |
|  Never/Rarely | 0.05 | 0.04 – 0.07 |  | 0.32 | 0.21 – 0.50 |  |
| **PW consumed during social activities** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.51 | 0.43 – 0.60 |  | 0.99 | 0.80 – 1.23 |  |
|  Never/Rarely | 0.12 | 0.10 – 0.15 |  | 0.65 | 0.49 – 0.86 |  |
| **PW consumed during screen-time** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.30 | 0.26 – 0.35 |  | 0.74 | 0.60 – 0.91 |  |
|  Never/Rarely | 0.08 | 0.06 – 0.10 |  | 0.44 | 0.33 – 0.59 |  |
| **PW consumed during school transit** Reference:Usually | 1 |  | <0.01 | 1 |  | 0.01 |
|  Sometimes | 0.38 | 0.33 – 0.45 |  | 0.81 | 0.65 – 0.99 |  |
|  Never/Rarely | 0.14 | 0.12 – 0.17 |  | 0.67 | 0.51 – 0.86 |  |
| **SSB consumed during home meals** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 2.92 | 2.43 – 3.51 |  | 1.47 | 1.16 – 1.86 |  |
|  Never/Rarely | 6.85 | 5.59 – 8.40 |  | 1.87 | 1.43 – 2.44 |  |
| **SSB consumed during school transit** Reference:Usually | 1 |  | <0.01 | 1 |  | 0.02 |
|  Sometimes | 1.98 | 1.40 – 2.80 |  | 1.16 | 0.79 – 1.71 |  |
|  Never/Rarely | 6.56 | 4.73 – 9.10 |  | 1.51 | 1.04 – 2.19 |  |
| **SSB consumed during screen-time** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 2.38 | 2.01 – 2.82 |  | 1.32 | 1.05 – 1.64 |  |
|  Never/Rarely | 5.57 | 4.58 – 6.78 |  | 2.13 | 1.63 – 2.78 |  |

a P-values calculated by Fisher’s Exact Test

**Supplementary Table 1b:** Univariable and multivariable ordinal logistic regression for weekly consumption of SSB

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **OR** | **95% CI** | **P-value** | **AOR** | **95% CI** | **P-valuea** |
| **SCHOOL-LEVEL VARIABLES** |  |  |  |  |  |  |
| **Water bubblers Reference: ≤ 9** | 1 |  | <0.01 | 1 |  | 0.04 |
|  10 - 19 | 1.86 | 1.54 – 2.26 |  | 1.21 | 1.02 – 1.43 |  |
|  ≥20 | 1.47 | 1.23 -1.75 |  | 1.05 | 0.90 – 1.22 |  |
| **School ICSEA Reference: ≤963** | 1 |  | <0.01 | 1 |  | <0.01 |
|  964 - 1014 | 0.50 | 0.43 – 0.58 |  | 0.76 | 0.66 – 0.86 |  |
|  ≥1015 | 0.22 | 0.19 – 0.26 |  | 0.61 | 0.52 – 0.70 |  |
| **LHD Reference: LHD-1** | 1 |  | <0.01 | 1 |  | 0.01 |
|  LHD-2 | 0.75 | 0.64 – 0.87 |  | 0.85 | 0.75 – 0.97 |  |
|  LHD-3 | 1.17 | 1.00 – 1.37 |  | 0.79 | 0.68 – 1.38 |  |
| **Type of canteen: Parent or school operated** | 0.71 | 0.62 – 0.81 | <0.01 | 0.85 | 0.76 – 0.96 | 0.01 |
| **STUDENT-LEVEL VARIABLES** |  |  |  |  |  |  |
| **Aboriginal and Torres Strait Islander: Yes** | 2.62 | 2.11 – 3.26 | <0.01 | 1.45 | 1.21 – 1.73 | <0.01 |
| **Gender: Male** | 2.87 | 2.52 – 3.27 | <0.01 | 1.94 | 11.75 – 2.16 | <0.01 |
| **PW consumed during home meals** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 3.57 | 3.15 – 4.05 |  | 1.50 | 1.32 – 1.69 |  |
|  Never/Rarely | 5.33 | 4.05 – 7.03 |  | 1.55 | 1.19 – 2.01 |  |
| **PW consumed during social activities** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 1.68 | 1.51 – 1.86 |  | 1.31 | 1.19 – 1.45 |  |
|  Never/Rarely | 4.16 | 3.55 – 4.88 |  | 1.82 | 1.55 – 2.13 |  |
| **PW consumed during screen-time** Reference:Usually | 1 |  | <0.01 | 1 |  | 0.02 |
|  Sometimes | 1.95 | 1.77 – 2.16 |  | 1.10 | 0.99 – 1.22 |  |
|  Never/Rarely | 3.04 | 2.55 – 3.63 |  | 1.26 | 1.06 – 1.50 |  |
| **Soft-drink availability at home** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.25 | 0.22 – 0.28 |  | 0.49 | 0.44 – 0.56 |  |
|  Never/Rarely | 0.03 | 0.03 – 0.04 |  | 0.16 | 0.11 – 0.16 |  |
| **SSB consumed during exercise/sport** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.43 | 0.37 – 0.49 |  | 0.90 | 0.79 – 1.03 |  |
|  Never/Rarely | 0.16 | 0.14 – 0.18 |  | 0.59 | 0.51 – 0.68 |  |
| **SSB consumed during home meals** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.20 | 0.17 – 0.23 |  | 0.44 | 0.40 – 0.52 |  |
|  Never/Rarely | 0.03 | 0.02 – 0.03 |  | 0.16 | 0.14 – 0.19 |  |
| **SSB consumed during school transit** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.41 | 0.34 – 0.50 |  | 1.16 | 0.95 – 1.42 |  |
|  Never/Rarely | 0.12 | 0.10 – 0.14 |  | 0.73 | 0.59 – 0.90 |  |
| **SSB consumed during screen-time** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 1.96 | 1.77 – 2.16 |  | 0.60 | 0.52 – 0.68 |  |
|  Never/Rarely | 3.04 | 2.55 – 3.63 |  | 0.30 | 0.26 – 0.35 |  |
| **SSB consumed during social activities** Reference:Usually | 1 |  | <0.01 | 1 |  | <0.01 |
|  Sometimes | 0.38 | 0.34 – 0.42 |  | 0.68 | 0.61 – 0.75 |  |
|  Never/Rarely | 0.15 | 0.12 – 0.18 |  | 0.40 | 0.33 – 0.48 |  |

a P-values calculated by Fisher’s Exact Test

**Supplementary Table 2a:** Loss to follow-up over time by LHD

|  |  |
| --- | --- |
| **LHD** | **Time** |
| **Time 1****n (%)** | **Time 2****n (%)** | **Time 3****n (%)** | **Total****n (%)** |
| LHD-1 | 487 (31.04) | 412 (32.21) | 280 (24.37) | 1179 (29.50)  |
| LHD-2 | 517 (32.95) | 528 (41.28) | 397 (34.55) | 1442 (36.08) |
| LHD-3 | 565 (36.01) | 339 (26.51) | 472 (41.08) | 1376 (34.43) |
| **Total**  | 1,569 (100.00) | 1,279 (100.00) | 1,149 (100.00) | 3,997 (100.00) |

**Supplementary Table 2b:** Individual and joint intervention effects on the weekly consumption of PW and SSBs between baseline and follow-up for female students

|  |  |  |  |
| --- | --- | --- | --- |
| **Intervention Effect** | **PW** |  | **SSB** |
| **OR** | **95% CI** | **P-value** |  | **OR** | **95%CI** | **P-value** |
| BI without CWS | 1.28 | 0.67 – 2.44 | 0.46 |  | 0.93 | 0.67 – 1.28 | 0.66 |
| CWS without BI | 0.97 | 0.50 – 1.89 | 0.94 |  | 0.80 | 0.57 – 1.15 | 0.24 |
| BI + CWS | 1.21 | 0.68 – 2.15 | 0.51 |  | 0.76 | 0.58 – 1.03 | 0.08 |

**Supplementary Table 2c:** Individual and joint intervention effects on the weekly consumption of PW and SSBs between baseline and follow-up for male students

|  |  |  |  |
| --- | --- | --- | --- |
| **Intervention Effect** | **PW** |  | **SSB** |
| **OR** | **95% CI** | **P-value** |  | **OR** | **95%CI** | **P-value** |
| BI without CWS | 1.29 | 0.79 – 2.11 | 0.31 |  | 0.80 | 0.61 – 1.06 | 0.12 |
| CWS without BI | 2.11 | 1.21 – 3.66 | 0.01 |  | 0.87 | 0.65 – 1.17 | 0.36 |
| BI + CWS | 0.95 | 0.55 – 1.64 | 0.86 |  | 0.59 | 0.44 – 0.79 | <0.01 |