Additional file 1: Variables included in the study and their respective ProjectPLAN question

| Variable | Question in ProjectPLAN | Categories in ProjectPLAN | Derivation process | Final response |
| :---: | :---: | :---: | :---: | :---: |
| Fruit | How many serves of fruit do you usually eat each day? <br> Include fresh, dried, frozen and tinned fruit. <br> Below are examples of ONE serve of fruit: <br> 1 medium sized fruit e.g. apple, banana or pear 2 small sized fruits e.g. apricots, kiwi fruits or plums 1 cup fruit e.g. diced or canned | (0) I don't eat fruit <br> (0.5) Less than one serve per day <br> (1) 1 serve per day <br> (2) 2 serves per day <br> (3) 3 serves per day <br> (4) 4 serves per day <br> (5) 5 serves per day <br> (6) 6 serves per day <br> (7) 7 serves per day <br> (8) 8 or more serves per day | "Less than one serve per day" was considered half a serve of fruit per day and treated as a numeric value of 0.5 . " 8 or more" was treated as a numeric value of 8 . | $0-8$ serves per day |
| Vegetables | How many serves of vegetables do you usually eat each day? Include fresh, frozen and tinned vegetables. <br> Below are examples of ONE serve of vegetables: | (0) I don't eat vegetables <br> (0.5) Less than one serve per day <br> (1) 1 serve per day <br> (2) 2 serves per day <br> (3) 3 serves per day <br> (4) 4 serves per day <br> (5) 5 serves per day | "Less than one serve per day" was considered half a serve of vegetables per day and treated as a numeric value of 0.5 . "10 or more" was treated as a numeric value of 10 . | 0-10 serves per day |


|  | 1/2 cup vegetables e.g. broccoli, spinach, carrots or pumpkin $1 / 2$ cup beans or lentils <br> 1 cup green leafy or raw salad vegetables | (6) 6 serves per day <br> (7) 7 serves per day <br> (8) 8 serves per day <br> (9) 9 serves per day <br> (10) 10 or more serves per day |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Takeaway | How often would you usually consume hot take-away food like fish and chips, burgers, pizza, sausage rolls, meat pies, fried chicken? | (0) Never or less than once per month <br> (0.5) 1-3 times per month <br> (1) Once per week <br> (2) Twice per week <br> (3) 3 times per week <br> (4) 4 times per week <br> (5) 5 times per week <br> (6) 6 times per week <br> (7) 7 or more times per week | Categories 0 and 0.5 were combined into one category. Categories 2 to 7 were combined into one category. | (0) Less than weekly <br> (1) Once per week <br> (2) More than once per week |
| Snack | How many days per week would you usually consume snacks like chocolate, lollies, cake, a packet of chips, ice cream, donuts, sweet biscuits? | (0) Never or less than once per month <br> (0.5) 1-3 times per month <br> (1) Once per week <br> (2) Twice per week <br> (3) 3 times per week <br> (4) 4 times per week | Categories 0 and 0.5 were combined into one category. Categories 1 and 2 were combined into one category. Categories 3 and 4 were combined into one category. | (0) Less than weekly <br> (1) Once or twice per week <br> (2) 3 or 4 times per week <br> (3) 5 or more times per week |


|  |  | (5) 5 times per week <br> (6) 6 times per week <br> (7) 7 or more times per week | Categories 5 to 7 were combined into one category. |  |
| :---: | :---: | :---: | :---: | :---: |
| Soft drink | How many days per week would you usually consume sugar-sweetened beverages like soft drinks, energy drinks, fruit juice, iced tea, sports drinks or cordial? This does not include diet varieties | (0) Never or less than once per month <br> (0.5) 1-3 times per month <br> (1) Once per week <br> (2) Twice per week <br> (3) 3 times per week <br> (4) 4 times per week <br> (5) 5 times per week <br> (6) 6 times per week <br> (7) 7 or more times per week | Categories 0 and 0.5 were combined into one category. Categories 1 and 2 were combined into one category. Categories 3 to 7 were combined into one category. | (0) Less than weekly <br> (1) Once or twice per week <br> (2) 3 or more times per week |
| Number of different types of discretionary food consumed weekly | N/A | N/A | 1. A binary variable was first computed for each type of discretionary food item (takeaway, snack, soft drink): (0) consumed less than weekly and (1) consumed weekly. <br> 2. A total count variable was then derived, representing the | 0-3 discretionary food items (amongst takeaway, snack, and soft drink) consumed at least weekly |


|  |  |  | number of items (from takeaway, snack, and soft drink) consumed at least weekly. |  |
| :---: | :---: | :---: | :---: | :---: |
| Work hours (categories) | In a usual week, which of the following describes your current activities and/or responsibilities? <br> Employed in a paid job (including self-employed) <br> Respondents who reported being employed were asked about their work hours. <br> In a normal week, how many hours per week do you work in all your paid jobs? | (0) No <br> (1) Yes <br> Hours per week | Those who reported not being employed were categorised into one category. <br> Those working up to fulltime, i.e., $\leq 38$ hours/week as per Fair Work's definition, were combined into one category. <br> Those working overtime, i.e. $>38$ hours/week as per Fair Work's definition, were combined into one category. | (0) Not working <br> (1) Working up to full-time <br> (2) Working overtime |


| Work hours | Respondents who reported being employed were asked about their work hours. <br> In a normal week, how many hours per week do you work in all your paid jobs? | Hours per week | N/A | Hours per week |
| :---: | :---: | :---: | :---: | :---: |
| Commute hours | Thinking about your main paid job, which of the following best describes the location of your workplace? <br> Respondent who reported usually travelling to the same work location or to many different work locations were asked about their commute time. | (1) I usually work from home <br> (2) I usually travel to the same work location on the days I work <br> (3) I usually travel to many different work locations on the days I work e.g., tradesperson or courier driver <br> Hours: <br> (0) 0 hours <br> (1) 1 hour <br> (2) 2 hours <br> (3) 3 or more hours | 1. Daily commute minutes for each commute way (from home to work and vice versa) were derived based on the hours and minutes reported. "3 or more hours" was treated as a numeric value of 3 . Hours were multiplied by 60 to represent minutes. Those (transformed) minutes were then added to the reported minutes. <br> 2. Daily commute minutes for both commute ways were | Hours per week |


|  | On a usual day, how long is your travel time: in hours and/or minutes <br> a. From home to work <br> b. From work to home <br> In a normal week, how many days per week do you work in all your paid jobs? | Minutes: <br> (0) 0 mins <br> (5) +5 mins <br> (10) +10 mins <br> (15) +15 mins <br> (55) +55 mins <br> (0.5) Less than once per week <br> (1) One day <br> (2) Two days <br> (3) Three days <br> (4) Four days <br> (5) Five days <br> (6) Six days <br> (7) Seven days per week (every day) | summed into one commute time (minutes). <br> 3. To represent weekly commute minutes, commute minutes were multiple by the number of reported workdays. "Less than once per week" was treated as a numeric value of 1 . <br> 4. To represent weekly commute hours, weekly commute minutes were divided by 60 . <br> 5. Those who reported usually working from home were transformed into 0 weekly commute hours instead of missing. |  |
| :---: | :---: | :---: | :---: | :---: |
| Combined work and commute hours | N/A | N/A | Both work and commute hours were summed. | Hours per week |


| Age | What is your current age in years? | Age in years | N/A | Years |
| :---: | :---: | :---: | :---: | :---: |
| Gender | What is your gender? | (1) Male <br> (2) Female <br> (3) Transgender | N/A | (1) Male <br> (2) Female <br> (3) Transgender |
| Presence of children in household | Not including you, how many other people live in your household most nights of the week? <br> a. Children (4 years or younger) <br> b. Children (5 to 12 years) <br> c. Children (13 to 17 years) | (0) 0 people <br> (1) 1 person <br> (2) 2 people <br> (3) 3 people <br> (4) 4 people <br> (5) 5 people <br> (6) 6 or more people | Categories were created based on the presence of any children in the household and whether any 4 years old or younger or whether all children were older than 4 years old. | (0) No children <br> (1) Any child $\leq 4$ years <br> (2) Only children aged 5 to 17 years |
| Relationship/living status | What is your current relationship status? | (1) Single <br> (2) In a relationship living with partner <br> (3) In a relationship not living with partner | Categories 2 and 3 were recoded. | (1) Single <br> (2) In a relationship not living with partner <br> (3) In a relationship living with partner |
| Neighbourhood SES | N/A <br> Stratified sampling based on neighbourhood SES. | (0) Low SES <br> (1) High SES | N/A | (0) Low SES <br> (1) High SES |


|  | Low based on Statistical Areas level 1 (SA1) Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socioeconomic Advantage and Disadvantage (IRSAD) deciles of level 1, 2 or 3 that had to be within an SA2 of level 1, 2 or 3. (27) <br> High based on SA1 SEIFA <br> IRSAD deciles of level 8, 9 or 10 that had to be within an SA2 of level 8, 9 or 10. (27) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Neighbourhood type | N/A <br> Stratified sampling based on neighbourhood type. <br> Five layers of resources were identified, including: 1) healthy food; 2) community facilities; <br> 3) recreation facilities; 4) | (0) 20-minute neighbourhood <br> (1) Non-20-minute neighbourhood | N/A | (1) 20-minute neighbourhood <br> (2) Non-20-minute neighbourhood |


|  | public open space; and 5) <br> public transport. Twenty- <br> minute neighbourhoods were <br> areas with access to all five <br> layers of resources, whilst non- <br> 20MNs had very few <br> individual services and <br> amenities (土5 individual <br> attributes). (Thornton, under <br> review). | N/A |  |  |
| :--- | :--- | :--- | :--- | :--- |
| City | N/A <br> Stratified sampling based on <br> city. | (1) Melbourne <br> (2) Adelaide | (1) Melbourne |  |
| (2) Adelaide |  |  |  |  |

N/A: not applicable

Additional file 2: Descriptive characteristics for the full sample, complete case sample and omitted participants

|  | Whole sample |  |  | Employed sub-sample |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Omitted | Complete | Full | Omitted | Complete | Full |
| N | 70 | 699 | 769 | 28 | 378 | 406 |
| Fruit consumption (serves/day) median (IQR) | $\begin{gathered} 2.00(1.00,2.00) \\ (\mathrm{n}=70) \end{gathered}$ | $\begin{gathered} 1.00(1.00,2.00) \\ (\mathrm{n}=699) \end{gathered}$ | $\begin{gathered} 1.00(1.00,2.00) \\ (\mathrm{n}=769) \end{gathered}$ | $\begin{gathered} 2.00(1.00,2.00) \\ (\mathrm{n}=28) \end{gathered}$ | $\begin{gathered} 2.00(1.00,2.00) \\ (\mathrm{n}=378) \end{gathered}$ | $\begin{gathered} 2.00(1.00,2.00) \\ (n=406) \end{gathered}$ |
| Vegetable consumption (serves/day) median (IQR) | $\begin{gathered} 2.00(1.00,3.00) \\ (n=70) \end{gathered}$ | $\begin{gathered} 2.00(1.00,3.00) \\ (\mathrm{n}=699) \end{gathered}$ | $\begin{gathered} 2.00(1.00,3.00) \\ (\mathrm{n}=769) \end{gathered}$ | $\begin{gathered} 2.00(1.00,3.00) \\ (n=28) \end{gathered}$ | $\begin{gathered} 2.00(2.00,3.00) \\ (n=378) \end{gathered}$ | $\begin{gathered} 2.00(2.00,3.00) \\ (n=406) \end{gathered}$ |
| Different types of discretionary food (i.e., takeaway, snacks, and soft drinks) consumed weekly (n) |  |  |  |  |  |  |
| 0 | 16 (23.2\%) | 137 (19.6\%) | 153 (19.9\%) | 4 (14.3\%) | 67 (17.7\%) | 71 (17.5\%) |
| 1 | 35 (50.7\%) | 285 (40.8\%) | 320 (41.7\%) | 13 (46.4\%) | 144 (38.1\%) | 157 (38.7\%) |
| 2 | 11 (15.9\%) | 166 (23.7\%) | 177 (23.0\%) | 6 (21.4\%) | 94 (24.9\%) | 100 (24.6\%) |
| 3 | 7 (10.1\%) | 111 (15.9\%) | 118 (15.4\%) | 5 (17.9\%) | 73 (19.3\%) | 78 (19.2\%) |
| Takeaway consumption (occasions) |  |  |  |  |  |  |
| <1/week | 54 (78.3\%) | 470 (67.2\%) | 524 (68.2\%) | 19 (67.9\%) | 224 (59.3\%) | 243 (59.9\%) |
| 1/week | 9 (13.0\%) | 139 (19.9\%) | 148 (19.3\%) | 6 (21.4\%) | 91 (24.1\%) | 97 (23.9\%) |
| >1/week | 6 (8.7\%) | 90 (12.9\%) | 96 (12.5\%) | 3 (10.7\%) | 63 (16.7\%) | 66 (16.3\%) |
| Snack consumption (occasions) |  |  |  |  |  |  |
| <1/week | 17 (24.3\%) | 189 (27.0\%) | 206 (26.8\%) | 4 (14.3\%) | 97 (25.7\%) | 101 (24.9\%) |


| 1-2/week | 24 (34.3\%) | 204 (29.2\%) | 228 (29.6\%) | 11 (39.3\%) | 119 (31.5\%) | 130 (32.0\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3-4/week | 17 (24.3\%) | 131 (18.7\%) | 148 (19.2\%) | 6 (21.4\%) | 73 (19.3\%) | 79 (19.5\%) |
| $\geq 5 /$ week | 12 (17.1\%) | 175 (25.0\%) | 187 (24.3\%) | 7 (25.0\%) | 89 (23.5\%) | 96 (23.6\%) |
| Soft drink consumption (occasions) |  |  |  |  |  |  |
| <1/week | 58 (82.9\%) | 488 (69.8\%) | 546 (71.0\%) | 21 (75.0\%) | 262 (69.3\%) | 283 (69.7\%) |
| 1-2/week | 5 (7.1\%) | 107 (15.3\%) | 112 (14.6\%) | 3 (10.7\%) | 62 (16.4\%) | 65 (16.0\%) |
| $\geq 3 /$ week | 7 (10.0\%) | 104 (14.9\%) | 111 (14.4\%) | 4 (14.3\%) | 54 (14.3\%) | 58 (14.3\%) |
| Work hours |  |  |  |  |  |  |
| Not working (0h) | 9 (28.1\%) | 321 (45.9\%) | 330 (45.1\%) |  | 0 (0.0\%) |  |
| Working up to full-time (138h) | 14 (43.8\%) | 237 (33.9\%) | 251 (34.3\%) | 14 (60.9\%) | 237 (62.7\%) | 251 (62.6\%) |
| Working overtime (>38h) | 9 (28.1\%) | 141 (20.2\%) | 150 (20.5\%) | 9 (39.1\%) | 141 (37.3\%) | 150 (37.4\%) |
| Combined weekly work and commute hours (employed only) median (IQR) | $\begin{gathered} 44.42(27.83,50.00) \\ (\mathrm{n}=22) \end{gathered}$ | $\begin{gathered} 40.46(27.50,47.50) \\ (\mathrm{n}=378) \end{gathered}$ | $\begin{gathered} 40.67(27.62,47.50) \\ (\mathrm{n}=400) \end{gathered}$ | $\begin{gathered} 44.42(27.83,50.00) \\ (\mathrm{n}=22) \end{gathered}$ | $\begin{gathered} 40.46(27.50,47.50) \\ (n=378) \end{gathered}$ | $\begin{gathered} 40.67(27.62,47.50) \\ (\mathrm{n}=400) \end{gathered}$ |
| Weekly work hours (employed only) median (IQR) | $\begin{gathered} 38.00(20.00,40.00) \\ (\mathrm{n}=23) \end{gathered}$ | $\begin{gathered} 37.50(25.00,40.00) \\ (n=378) \end{gathered}$ | $\begin{gathered} 37.50(25.00,40.00) \\ (\mathrm{n}=401) \end{gathered}$ | $\begin{gathered} 38.00(20.00,40.00) \\ (\mathrm{n}=23) \end{gathered}$ | $\begin{gathered} 37.50(25.00,40.00) \\ (n=378) \end{gathered}$ | $\begin{gathered} 37.50(25.00,40.00) \\ (\mathrm{n}=401) \end{gathered}$ |
| Weekly commute hours (employed only) median (IQR) | $\begin{gathered} 4.00(0.00,7.50) \\ (n=26) \end{gathered}$ | $\begin{gathered} 3.33(1.50,6.25) \\ (n=378) \end{gathered}$ | $\begin{gathered} 3.33(1.33,6.25) \\ (n=404) \end{gathered}$ | $\begin{gathered} 4.00(0.00,7.50) \\ (n=26) \end{gathered}$ | $\begin{gathered} 3.33(1.50,6.25) \\ (\mathrm{n}=378) \end{gathered}$ | $\begin{gathered} 3.33(1.33,6.25) \\ (n=404) \end{gathered}$ |
| Age median (IQR) | $\begin{gathered} 68.00(53.00,73.50) \\ (\mathrm{n}=32) \end{gathered}$ | $\begin{gathered} 57.00(41.00,67.00) \\ (\mathrm{n}=699) \end{gathered}$ | $\begin{gathered} 58.00(41.00,67.00) \\ (\mathrm{n}=731) \end{gathered}$ | $\begin{gathered} 53.00(45.00,68.00) \\ (\mathrm{n}=7) \end{gathered}$ | $\begin{gathered} 47.00(36.00,57.00) \\ (n=378) \end{gathered}$ | $\begin{gathered} 47.00(37.00,57.00) \\ (\mathrm{n}=385) \end{gathered}$ |
| Gender |  |  |  |  |  |  |


| Male | 26 (43.3\%) | 270 (38.6\%) | 296 (39.0\%) | 12 (44.4\%) | 140 (37.0\%) | 152 (37.5\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Female | 34 (56.7\%) | 427 (61.1\%) | 461 (60.7\%) | 15 (55.6\%) | 238 (63.0\%) | 253 (62.5\%) |
| Transgender | 0 (0.0\%) | 2 (0.3\%) | 2 (0.3\%) |  | 0 (0.0\%) |  |
| Children in household |  |  |  |  |  |  |
| No children | 43 (69.4\%) | 514 (73.5\%) | 557 (73.2\%) | 17 (60.7\%) | 248 (65.6\%) | 265 (65.3\%) |
| Any child $\leq 4$ years | 14 (22.6\%) | 97 (13.9\%) | 111 (14.6\%) | 8 (28.6\%) | 61 (16.1\%) | 69 (17.0\%) |
| Only children aged 5 to 17 years | 5 (8.1\%) | 88 (12.6\%) | 93 (12.2\%) | 3 (10.7\%) | 69 (18.3\%) | 72 (17.7\%) |
| Relationship status |  |  |  |  |  |  |
| Single | 22 (39.3\%) | 210 (30.0\%) | 232 (30.7\%) | 11 (45.8\%) | 114 (30.2\%) | 125 (31.1\%) |
| In a relationship: not living with partner | 1 (1.8\%) | 43 (6.2\%) | 44 (5.8\%) | 0 (0.0\%) | 24 (6.3\%) | 24 (6.0\%) |
| In a relationship: living with partner | 33 (58.9\%) | 446 (63.8\%) | 479 (63.4\%) | 13 (54.2\%) | 240 (63.5\%) | 253 (62.9\%) |
| Neighbourhood SES |  |  |  |  |  |  |
| Low SES | 30 (42.9\%) | 307 (43.9\%) | 337 (43.8\%) | 15 (53.6\%) | 159 (42.1\%) | 174 (42.9\%) |
| High SES | 40 (57.1\%) | 392 (56.1\%) | 432 (56.2\%) | 13 (46.4\%) | 219 (57.9\%) | 232 (57.1\%) |
| City |  |  |  |  |  |  |
| Melbourne | 38 (54.3\%) | 320 (45.8\%) | 358 (46.6\%) | 17 (60.7\%) | 189 (50.0\%) | 206 (50.7\%) |
| Adelaide | 32 (45.7\%) | 379 (54.2\%) | 411 (53.4\%) | 11 (39.3\%) | 189 (50.0\%) | 200 (49.3\%) |
| Neighbourhood design |  |  |  |  |  |  |
| 20MN | 29 (41.4\%) | 349 (49.9\%) | 378 (49.2\%) | 9 (32.1\%) | 199 (52.6\%) | 208 (51.2\%) |
| Non-20MN | 41 (58.6\%) | 350 (50.1\%) | 391 (50.8\%) | 19 (67.9\%) | 179 (47.4\%) | 198 (48.8\%) |

Additional file 3: Adjusted models of work hours and food consumption ( $\mathrm{n}=699$ )

|  | Reference group: working up to full-time |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Poisson regression |  | IRR | 95\% CI | p-value |
| Daily serves of fruit | Not working | 0.920 | (0.790; 1.072) | 0.286 |
|  | Working overtime | 0.929 | (0.782; 1.103) | 0.402 |
| Daily serves of vegetables | Not working | 0.912 | (0.806; 1.032) | 0.145 |
|  | Working overtime | 1.065 | (0.932; 1.217) | 0.353 |
| Number of different types of discretionary food (i.e., takeaway, snacks, and soft drinks) consumed weekly | Not working | 1.071 | (0.906; 1.265) | 0.424 |
|  | Working overtime | 1.103 | (0.926; 1.313) | 0.274 |
| Ordinal regression |  | OR | 95\% CI | p-value |
| Takeaway consumption | Not working | 1.131 | (0.732; 1.750) | 0.579 |
|  | Working overtime | 1.410 | (0.908; 2.190) | 0.126 |
| Snack consumption | Not working | 1.308 | (0.915; 1.868) | 0.140 |
|  | Working overtime | 1.156 | (0.791; 1.688) | 0.454 |
| Soft drink consumption | Not working | 1.352 | (0.872; 2.096) | 0.177 |
|  | Working overtime | 1.303 | (0.819; 2.073) | 0.263 |

Models adjusted for age, gender, children in household, relationship status, neighbourhood SES, neighbourhood type and city.
(Not working: 0h, Up to full-time: 1-38h/week, Overtime: $>38 \mathrm{~h} /$ week)
$I R R=$ Incidence Rate Ratio, $\mathrm{OR}=$ Odds Ratio, $\mathrm{CI}=$ Confidence Interval.

Additional file 4: Adjusted models of work hours and food consumption ( $\mathrm{n}=699$ )

|  | Reference group: | 20MN |  |  | Non-20MN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Poisson regression |  | IRR | 95\% CI | p-value | IRR | 95\% CI | p-value |
| Daily serves of fruit | Not working | 0.870 | (0.710; 1.065) | 0.176 | 0.969 | (0.793; 1.185) | 0.761 |
|  | Working overtime | 0.938 | (0.747; 1.177) | 0.578 | 0.915 | (0.706; 1.185) | 0.500 |
| Daily serves of vegetables | Not working | 0.866 | (0.733; 1.023) | 0.090 | 0.954 | (0.812; 1.120) | 0.564 |
|  | Working overtime | 1.086 | (0.911; 1.295) | 0.356 | 1.034 | (0.846; 1.263) | 0.746 |
| Number of different types of discretionary food (i.e., takeaway, snacks, and soft drinks) consumed weekly | Not working | 0.944 | (0.748; 1.193) | 0.631 | 1.192 | (0.960; 1.481) | 0.112 |
|  | Working overtime | 1.016 | (0.799; 1.291) | 0.898 | 1.203 | (0.937; 1.544) | 0.146 |
| Ordinal regression |  | OR | 95\% CI | p-value | OR | $\mathbf{9 5 \% ~ C I}$ | p-value |
| Takeaway consumption | Not working | 0.893 | (0.483; 1.653) | 0.719 | 1.401 | (0.798; 2.460) | 0.241 |
|  | Working overtime | 1.060 | (0.580; 1.937) | 0.850 | 1.919 | (1.025; 3.594) | 0.042 |
| Snack consumption | Not working | 0.855 | (0.530; 1.379) | 0.521 | 1.912 | (1.200; 3.046) | 0.006 |
|  | Working overtime | 1.106 | ( $0.660 ; 1.854$ ) | 0.702 | 1.204 | (0.696; 2.082) | 0.506 |
| Soft drink consumption | Not working | 1.070 | (0.582; 1.966) | 0.828 | 1.660 | (0.940; 2.931) | 0.081 |
|  | Working overtime | 1.088 | (0.578; 2.047) | 0.795 | 1.584 | (0.813; 3.087) | 0.176 |

Models adjusted for age, gender, children in household, relationship status, neighbourhood SES and city.
(Not working: 0h, Up to full-time: 1-38h/week, Overtime: >38h/week)
$20 \mathrm{MN}=20$-minute neighbourhood, $\mathrm{IRR}=$ Incidence Rate Ratio, $\mathrm{OR}=$ Odds Ratio, $\mathrm{CI}=$ Confidence Interval

Additional file 5: Adjusted models of combined work and commute hours and food consumption amongst those employed (n=378)

|  | Combined work and commute hours |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 20MN |  |  | Non-20MN |  |  |
| Poisson regression | IRR | 95\% CI | p-value | IRR | 95\% CI | p-value |
| Daily serves of fruit | 0.998 | (0.991; 1.006) | 0.645 | 0.996 | (0.988; 1.004) | 0.304 |
| Daily serves of vegetables | 1.002 | (0.996; 1.008) | 0.445 | 1.000 | (0.994; 1.006) | 0.992 |
| Number of different types of discretionary food (i.e., takeaway, snacks, and soft drinks) consumed weekly | 1.003 | (0.995; 1.011) | 0.512 | 1.006 | (0.998; 1.014) | 0.148 |
|  |  |  |  |  |  |  |
| Ordinal regression | OR | 95\% CI | p-value | OR | 95\% CI | p-value |
| Takeaway consumption | 1.011 | (0.990; 1.033) | 0.315 | 1.018 | (0.996; 1.040) | 0.106 |
| Snack consumption | 1.004 | (0.986; 1.023) | 0.640 | 1.014 | (0.996; 1.032) | 0.132 |
| Soft drink consumption | 1.015 | (0.992; 1.038) | 0.212 | 1.005 | (0.983; 1.028) | 0.648 |

Models adjusted for age, gender, children in household, relationship status, neighbourhood SES and city.
(Not working: 0h, Up to full-time: 1-38h/week, Overtime: $>38 \mathrm{~h} /$ week)
$20 \mathrm{MN}=20$-minute neighbourhood, $\mathrm{IRR}=$ Incidence Rate Ratio, $\mathrm{OR}=\mathrm{Odds}$ Ratio, $\mathrm{CI}=$ Confidence Interval.

