

Table S1. Assessment details for alcohol intake in EPIC-Norfolk and UK Biobank

| Variable  | Assessment details   |
|---|--|
| <b>EPIC-Norfolk</b>                               |  |
| Total alcohol intake                              | Uses food tables and standard portion sizes to determine grams of alcohol based on the frequency of the various individual alcoholic drinks.   |
| Wine (glass)                                      | Determined by response to “How often, on average, you have drunk the specified amount of drinks during the past year?” (options: 6+ per day; 4-5 per day; 2-3 per day; once a day; 5-6 per week; 2-4 per week; once a week; 1-3 per month; never or less than once/month). |
| Beer, lager or cider (half pint)                  | Determined by response to “How often, on average, you have drunk the specified amount of drinks during the past year?” (options: 6+ per day; 4-5 per day; 2-3 per day; once a day; 5-6 per week; 2-4 per week; once a week; 1-3 per month; never or less than once/month). |
| Spirits, e.g. Gin, brandy, whisky, vodka (single) | Determined by response to “How often, on average, you have drunk the specified amount of drinks during the past year?” (options: 6+ per day; 4-5 per day; 2-3 per day; once a day; 5-6 per week; 2-4 per week; once a week; 1-3 per month; never or less than once/month). |
| <b>UK Biobank</b>                                 |  |
| Total alcohol intake                              | Determined by response to “About how often do you drink alcohol?” (options: daily or almost daily, 3 or 4 times a week, once or twice weekly; 1 to 3 times monthly; special occasions only; never).  |
| Average weekly red wine intake                    | Determined by response to “In an average week, how many glasses of red wine would you drink? (There are six glasses in an average bottle)”   |
| Average weekly champagne plus white wine intake   | Determined by response to “In an average week, how many glasses of white wine or champagne would you drink? (There are six glasses in an average bottle)”  |
| Average weekly beer plus cider intake             | Determined by response to “In an average week, how many pints of beer or cider would you drink? (Include bitter, lager, stout, ale, Guinness)”   |
| Average weekly spirits intake                     | Determined by response to “In an average week, how many measures of spirits or liqueurs would you drink? (there are 25 standard measures in a normal sized bottle; spirits include drinks such as whisky, gin, rum, vodka, brandy)”  |