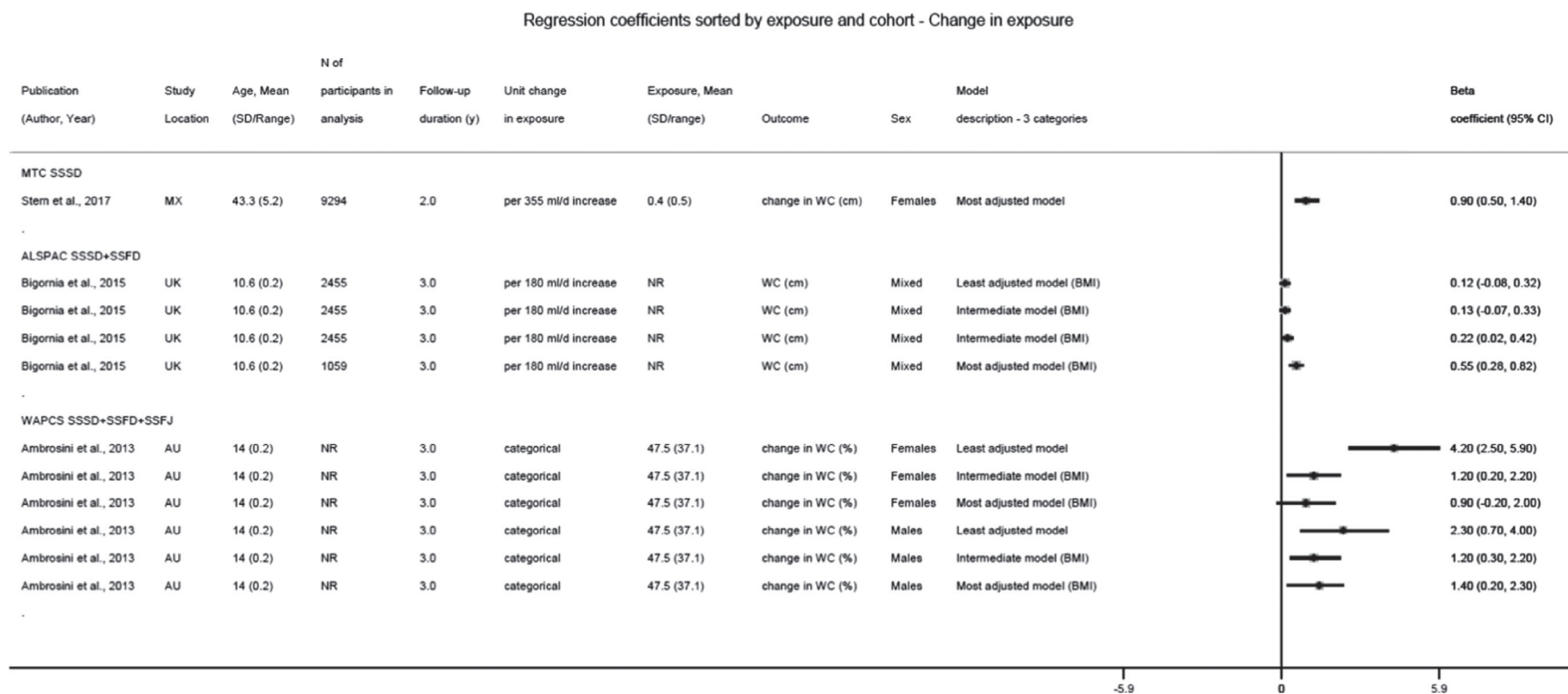


Figure K.4c: Intake of SSBs at baseline and measures of waist circumference and abdominal fat



**Figure K.4d:** Change in intake of SSBs and measures of waist circumference and abdominal fat

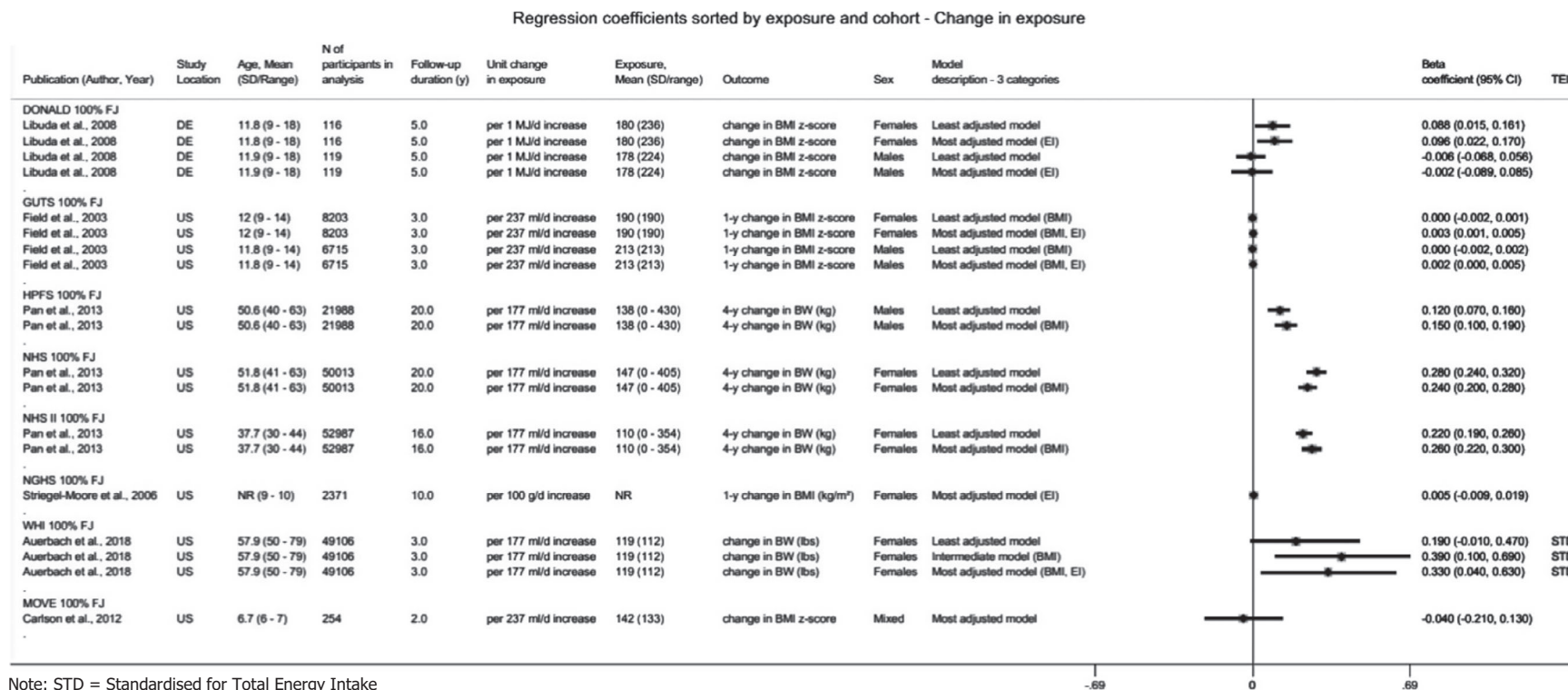


Figure K.5: Change in intake of Fruit juices and measures of body weight and body mass index

### HRs sorted by cohort, model and increasing exposure

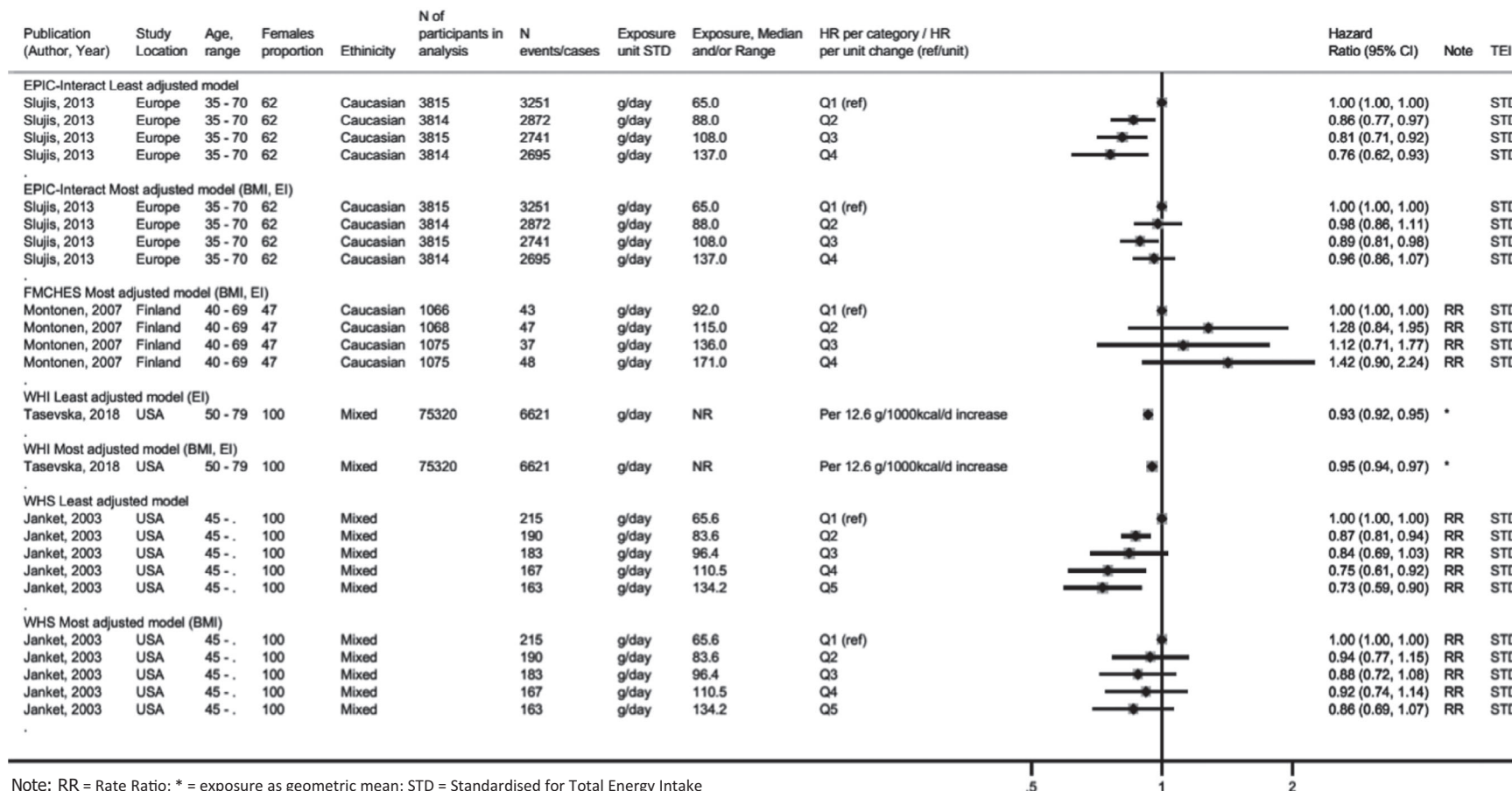
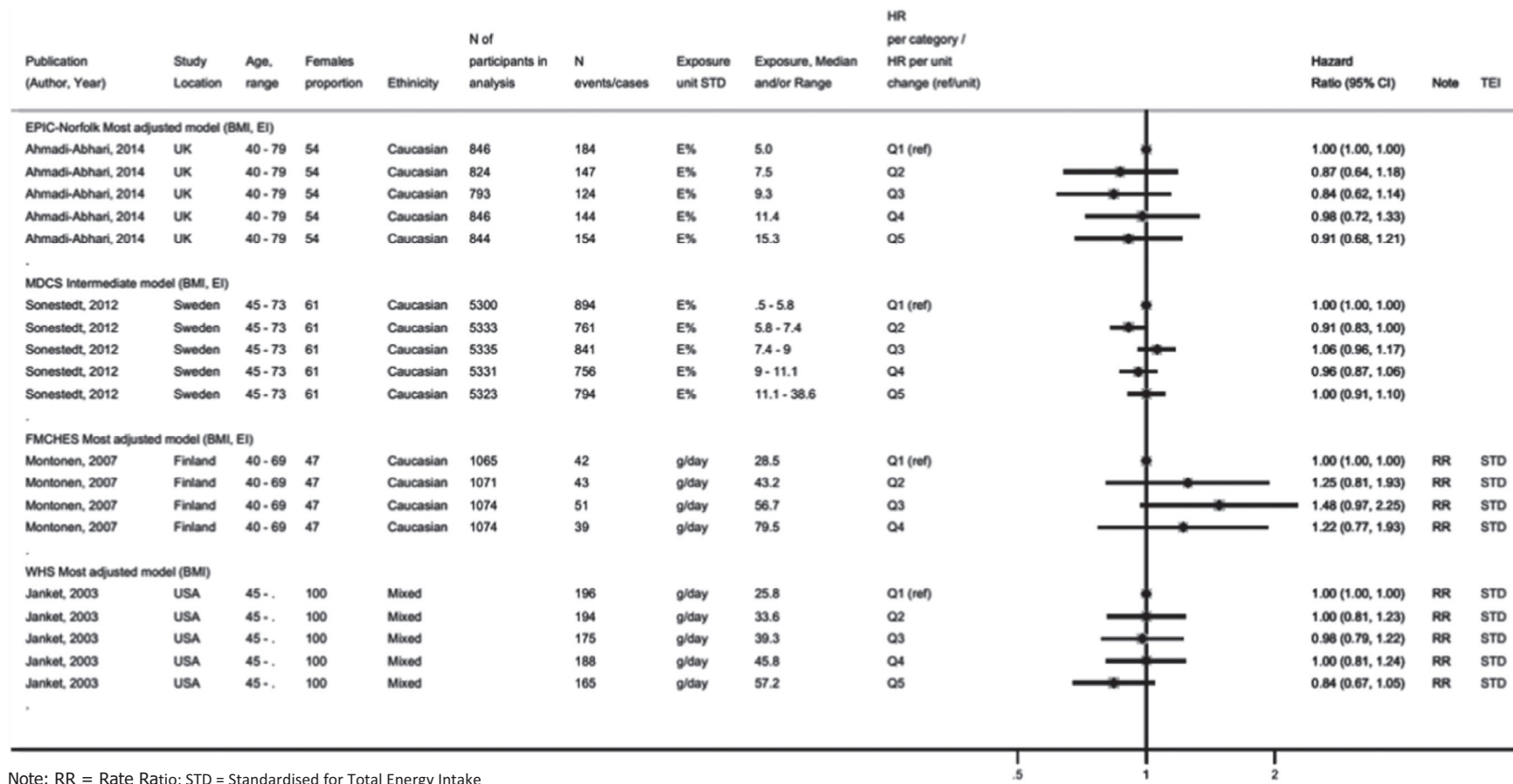


Figure K.6: Intake of total sugars and incidence of type 2 diabetes mellitus

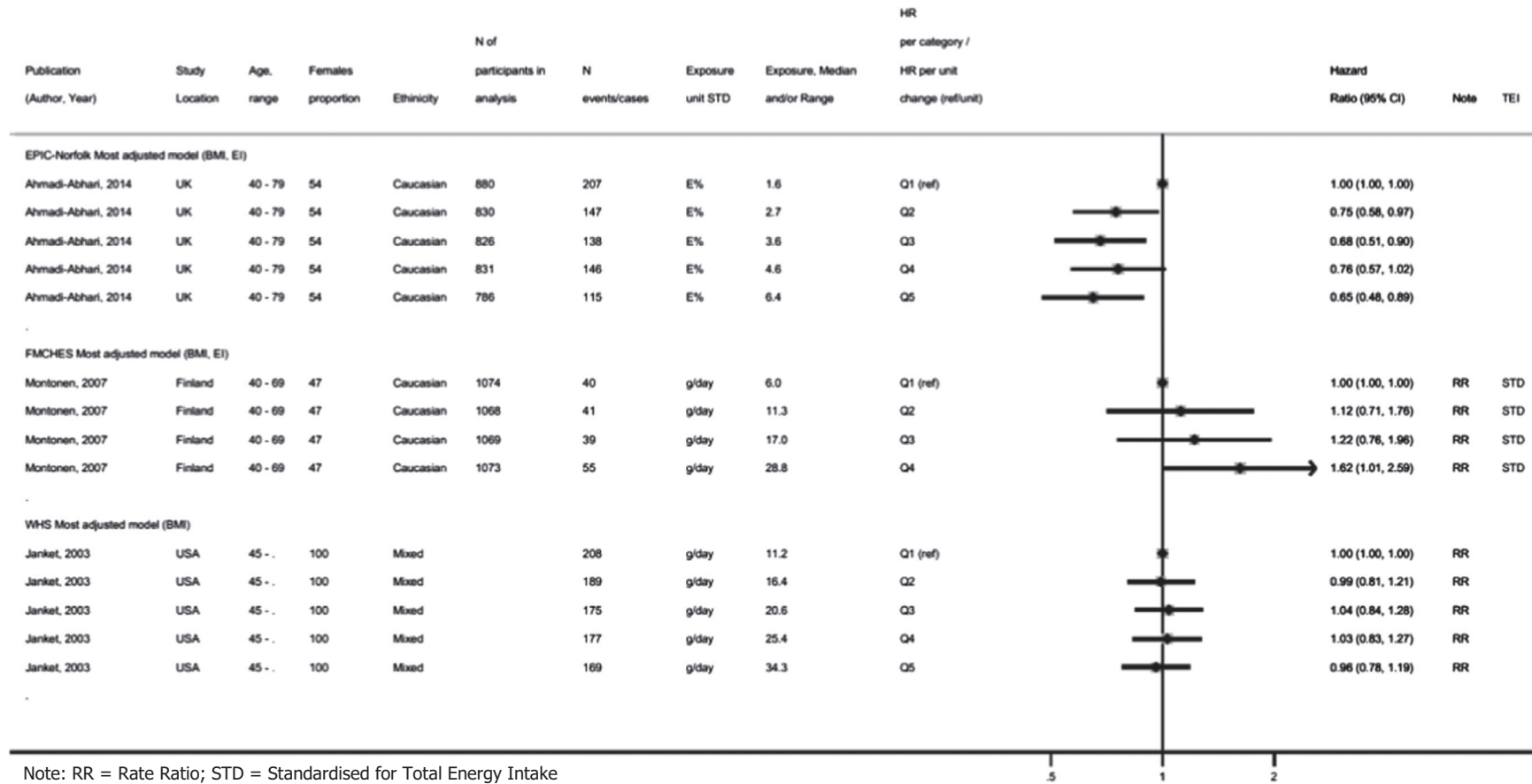
### HRs sorted by cohort, model and increasing exposure



Note: RR = Rate Ratio; STD = Standardised for Total Energy Intake

Figure K.7: Intake of sucrose and incidence of type 2 diabetes mellitus

### HRs sorted by cohort, model and increasing exposure

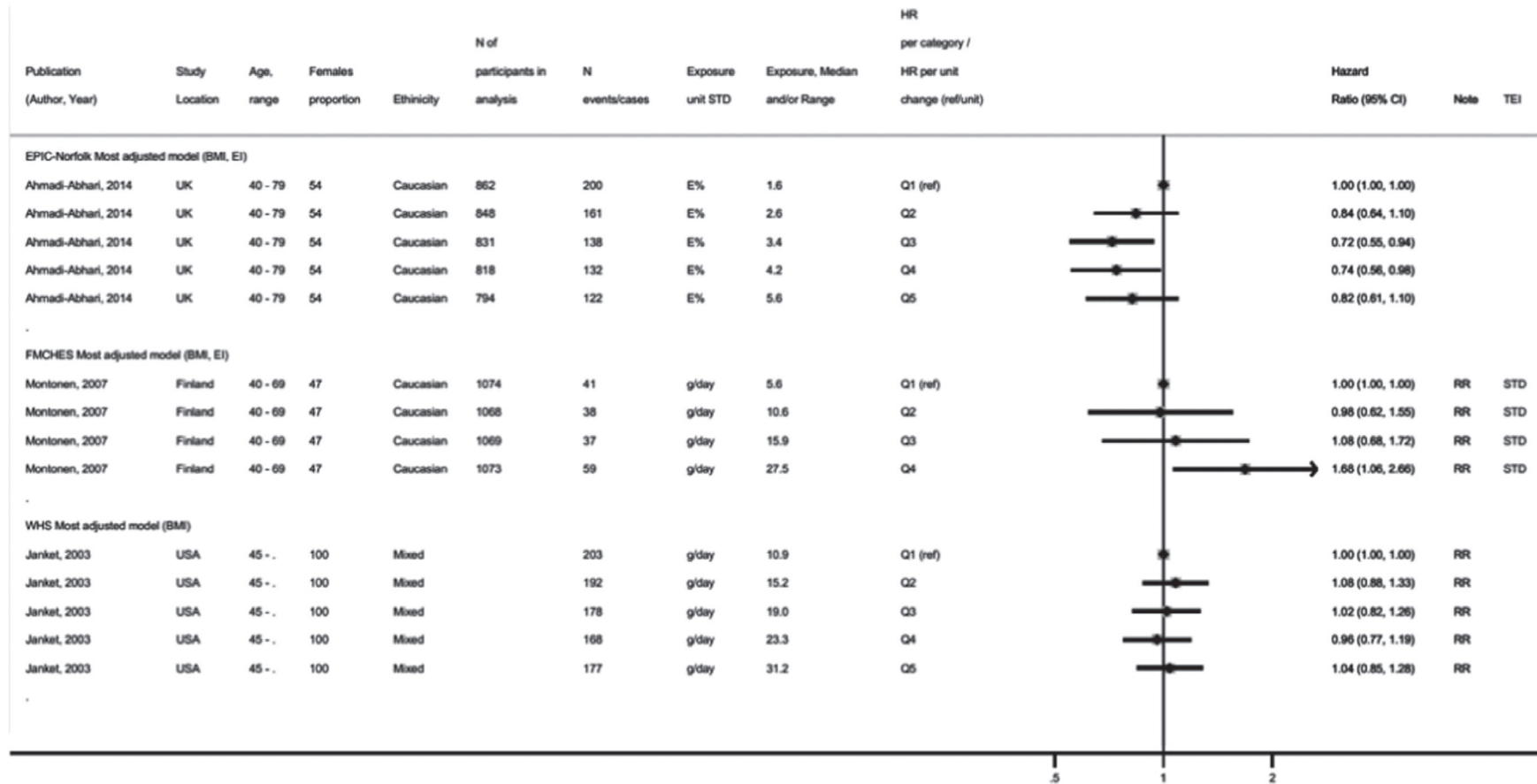


Note: RR = Rate Ratio; STD = Standardised for Total Energy Intake

**Figure K.8:** Free fructose and incidence of type 2 diabetes mellitus



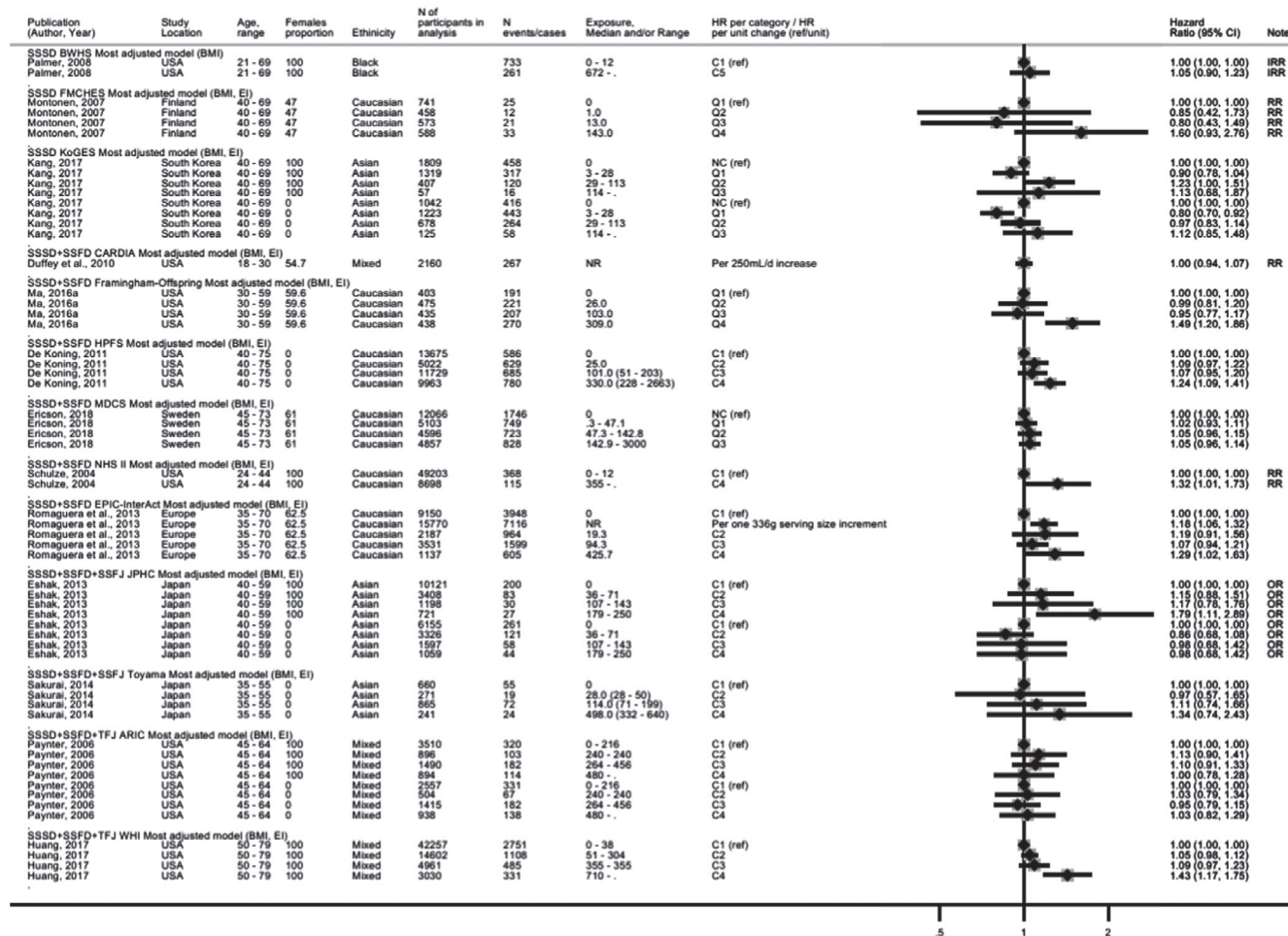
### HRs sorted by cohort, model and increasing exposure



Note: RR = Rate Ratio; STD = Standardised for Total Energy Intake

**Figure K.9:** Free glucose intake and incidence of type 2 diabetes mellitus

HRs sorted by source, cohort and increasing exposure (mL/day) - Most ADJ models

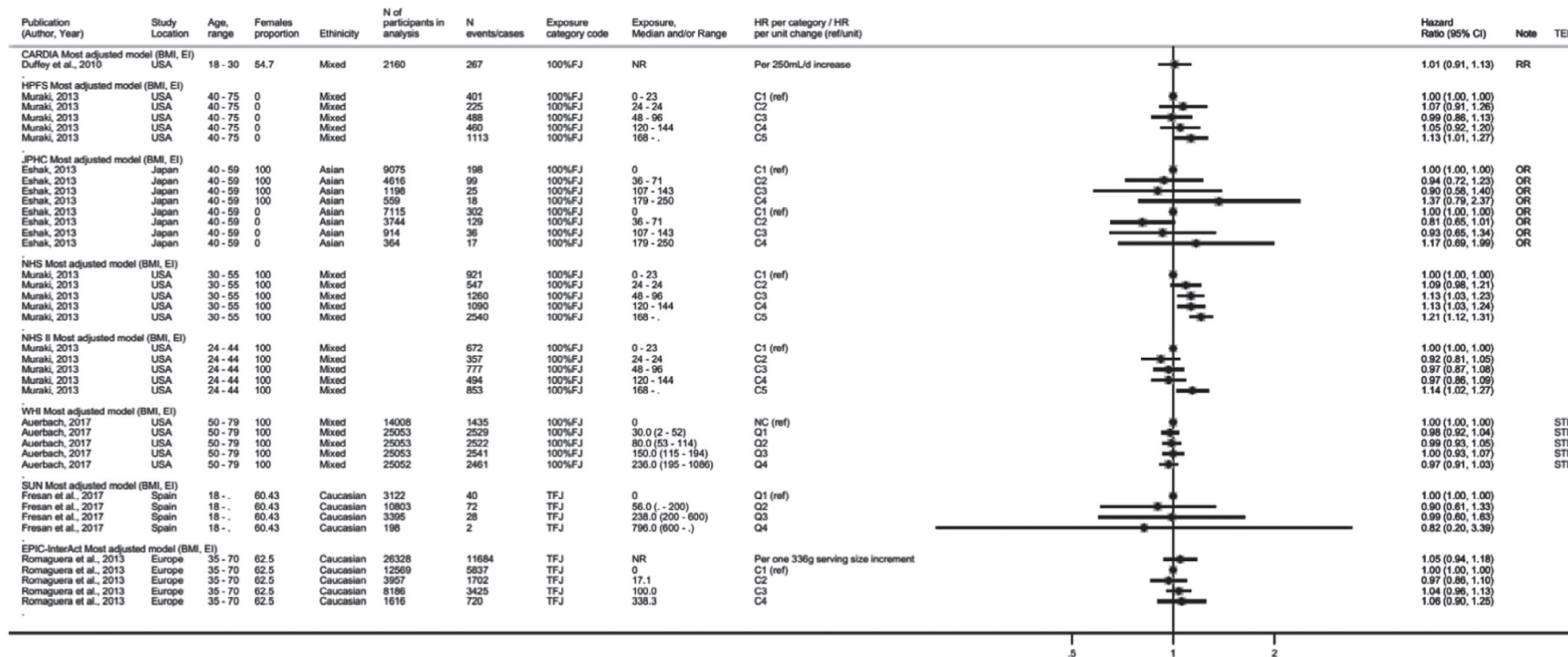


Note: NC (ref) = non-consumers; RR = Rate Ratio; IRR = Incidence Rate Ratio; OR = Odds Ratio; ARIC cohort = results plotted are from a model that did not include BMI and EI as covariates, however, the authors stated adjustment for these covariates did not materially change the HRs (data was not shown); in Framingham-Offspring cohort (Ma et al., 2016a) exposure = cumulative average intake (mean intake reported at examinations up to and including the examination of prediabetes diagnosis)

Figure K.10: SSBs and incidence of type 2 diabetes mellitus



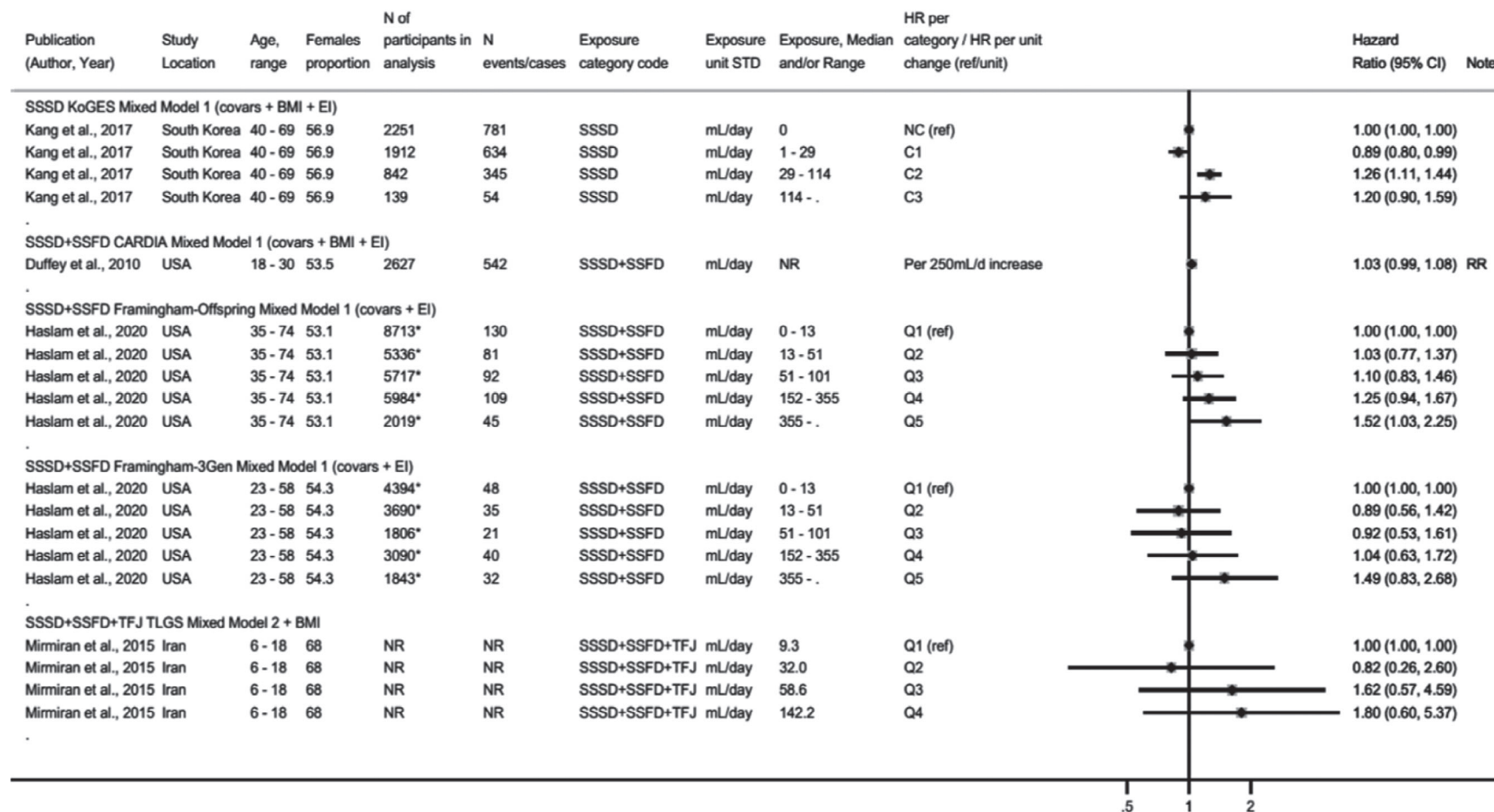
HRs sorted by cohort and increasing exposure (mL/day) - Most adjusted models



Note: NC (ref) = non-consumers; RR = Rate Ratio; IRR = Incidence Rate Ratio; OR = Odds Ratio; STD = Standardised for Total Energy Intake

Figure K.11: Fruit juices and incidence of type 2 diabetes mellitus

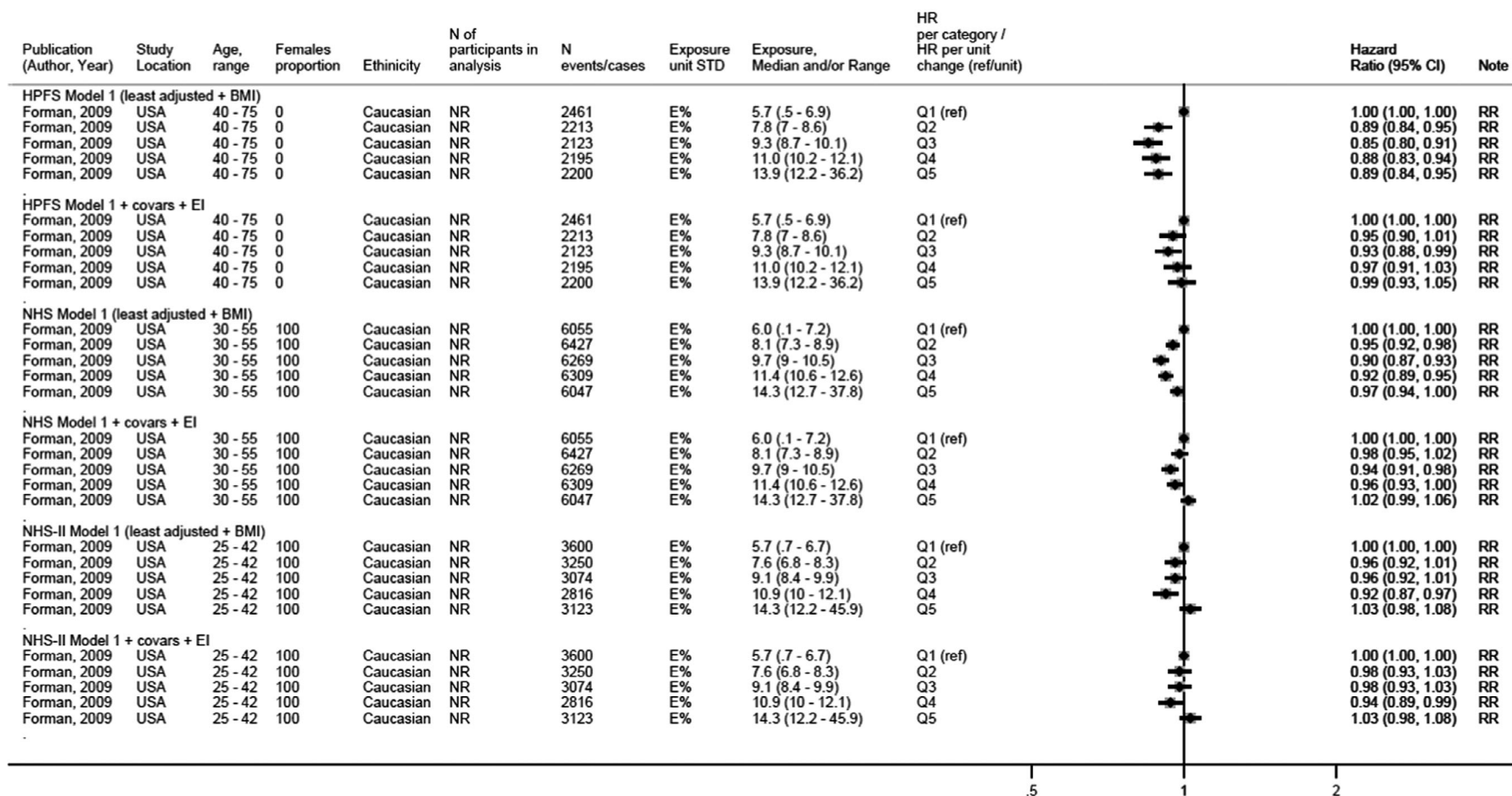
HRs sorted by Standard exposure cohort and increasing exposure (mL/d) from MOST ADJ models



Note: RR = relative risk; \* = person-years; in Duffey et al. (2010) exposure = average across years 0 and 7; in Framingham-Offspring cohort (Haslam et al., 2020) exposure = cumulative average intake (the mean intake reported at examinations up to and including the examination of dyslipidaemia diagnosis)

Figure K.12: SSBs and incidence of high triglycerides

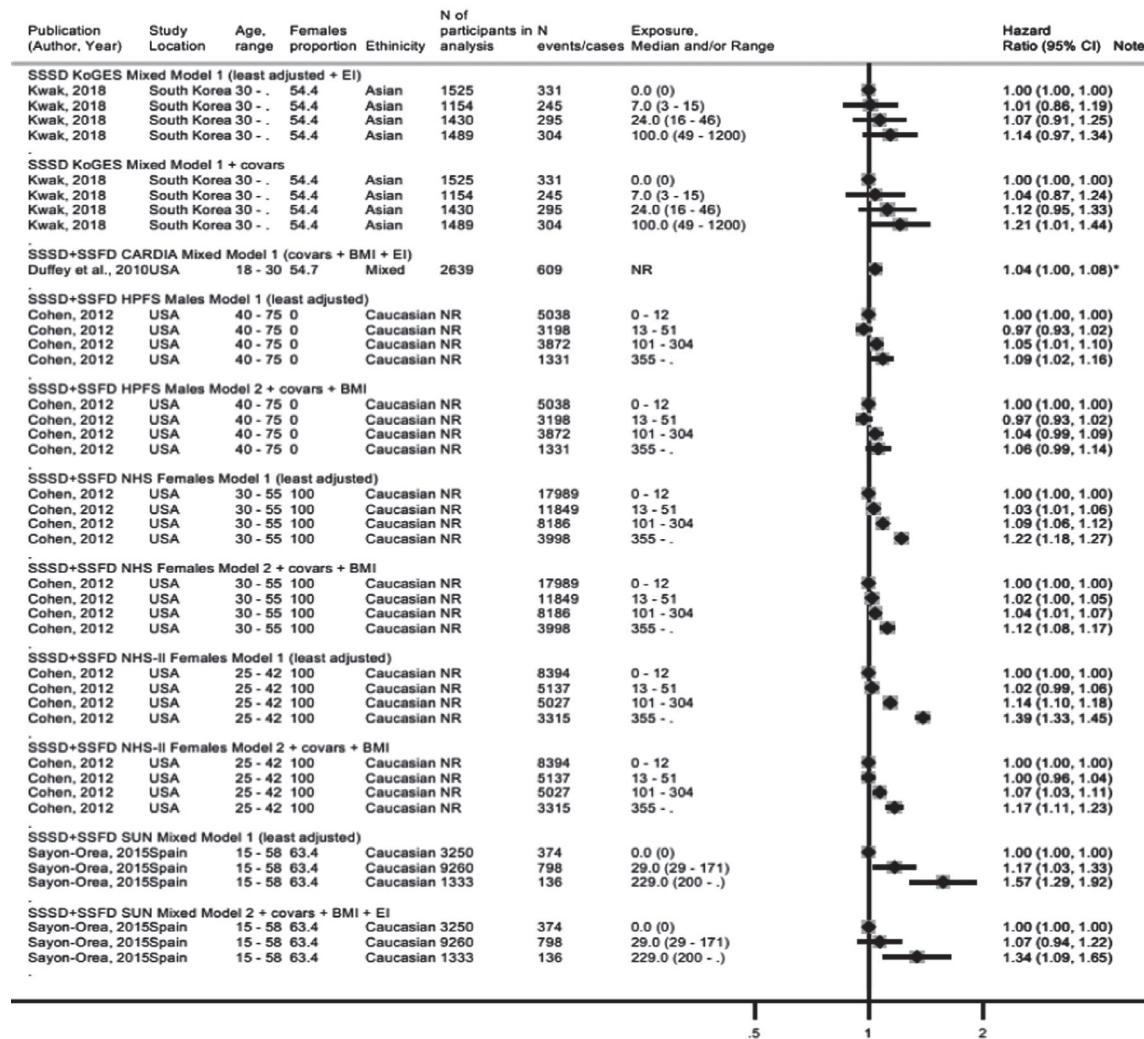
### Categorical HRs sorted by cohort, model and increasing exposure



Note: RR = Rate Ratio

Figure K.13: Fructose and incidence of hypertension

Categorical HRs sorted by Standard exposure, cohort, model and increasing exposure

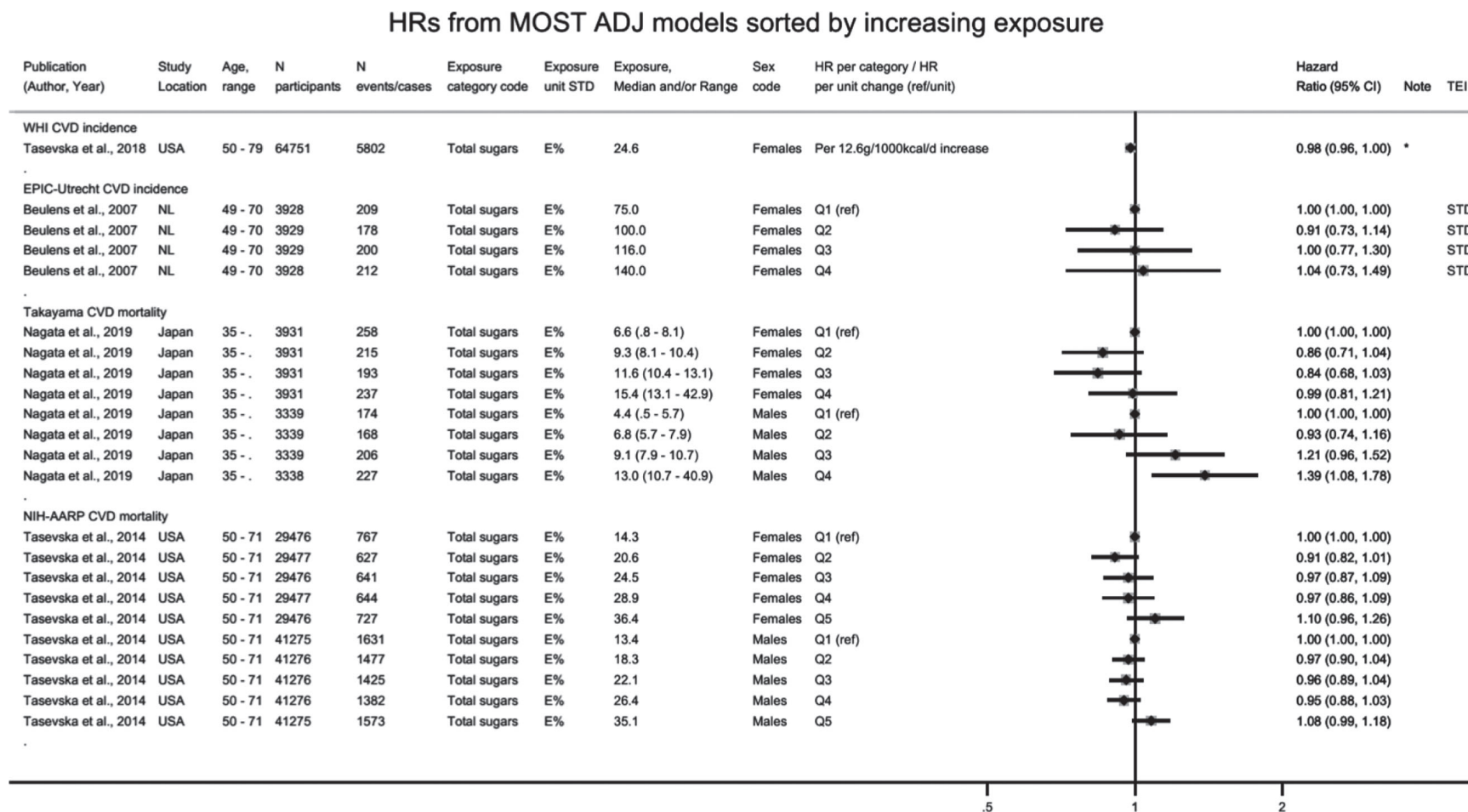


Note: \* = per 250 ml/d increase; Unit of exposure = ml/day; in Duffey et al. (2010) exposure = average across years 0 and 7.

Figure K.14: Intake of SSBs and incidence of hypertension



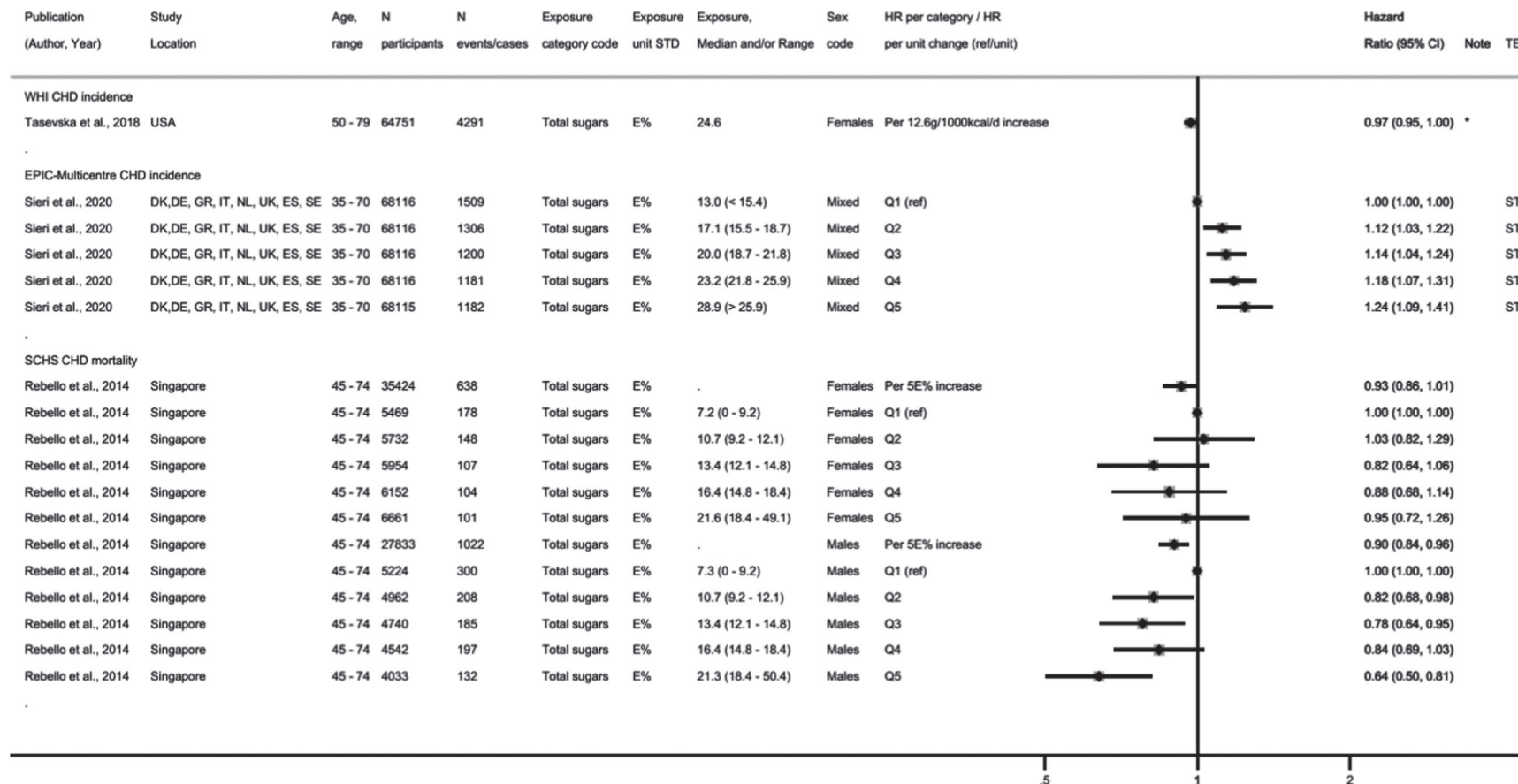
**Figure K.15:** Intake of total sugars and incidence and mortality of cardiovascular diseases



Note: STD = Standardised for Total Energy Intake; \*=exposure as geometric mean.

**Figure K.15a:** Intake of total sugars and cardiovascular disease (composite endpoints) incidence and mortality

HRs from MOST ADJ models sorted by increasing exposure

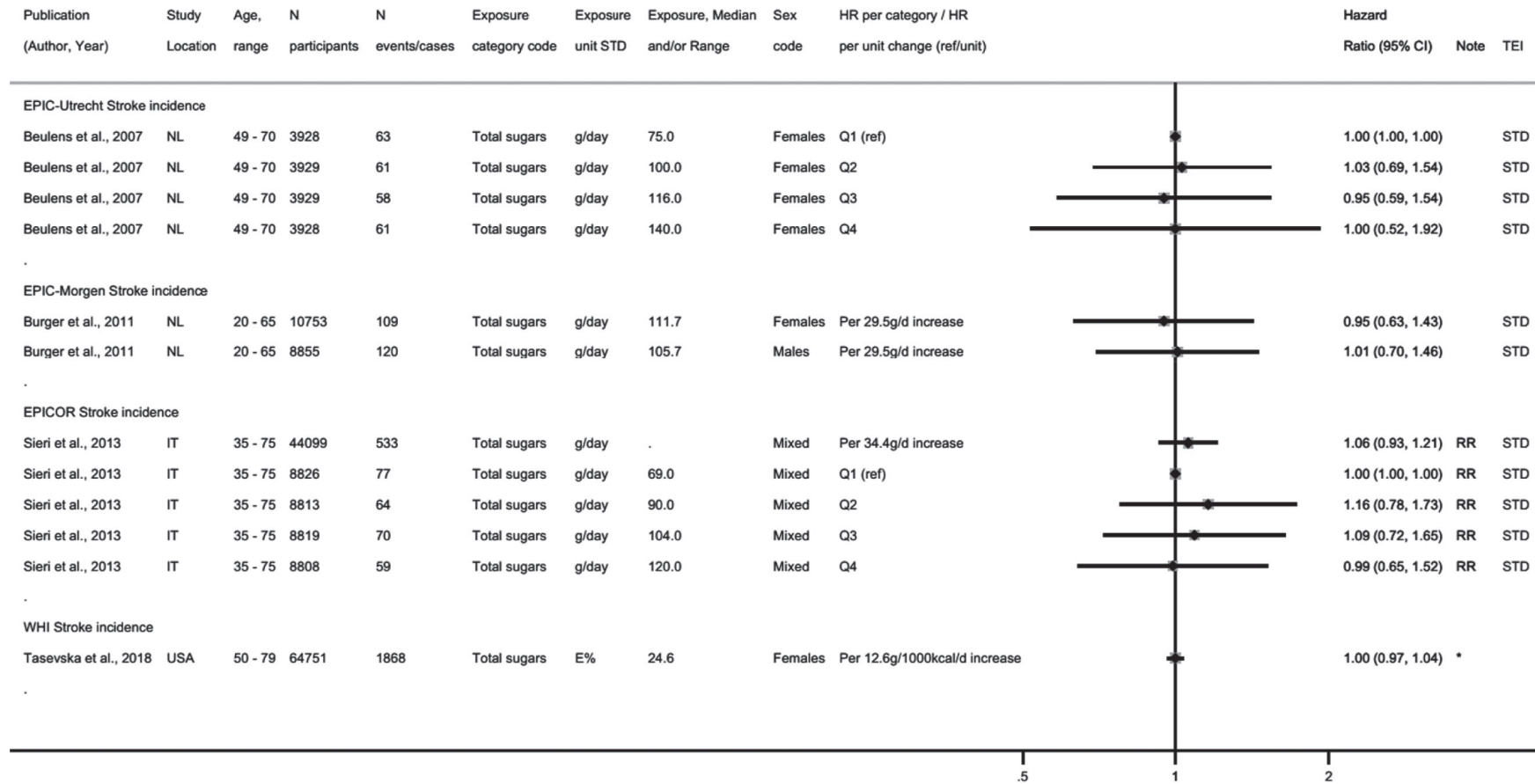


Note: STD = Standardised for Total Energy Intake; \*=exposure as geometric mean.

Figure K.15b: Intake of total sugars and coronary heart disease incidence and mortality



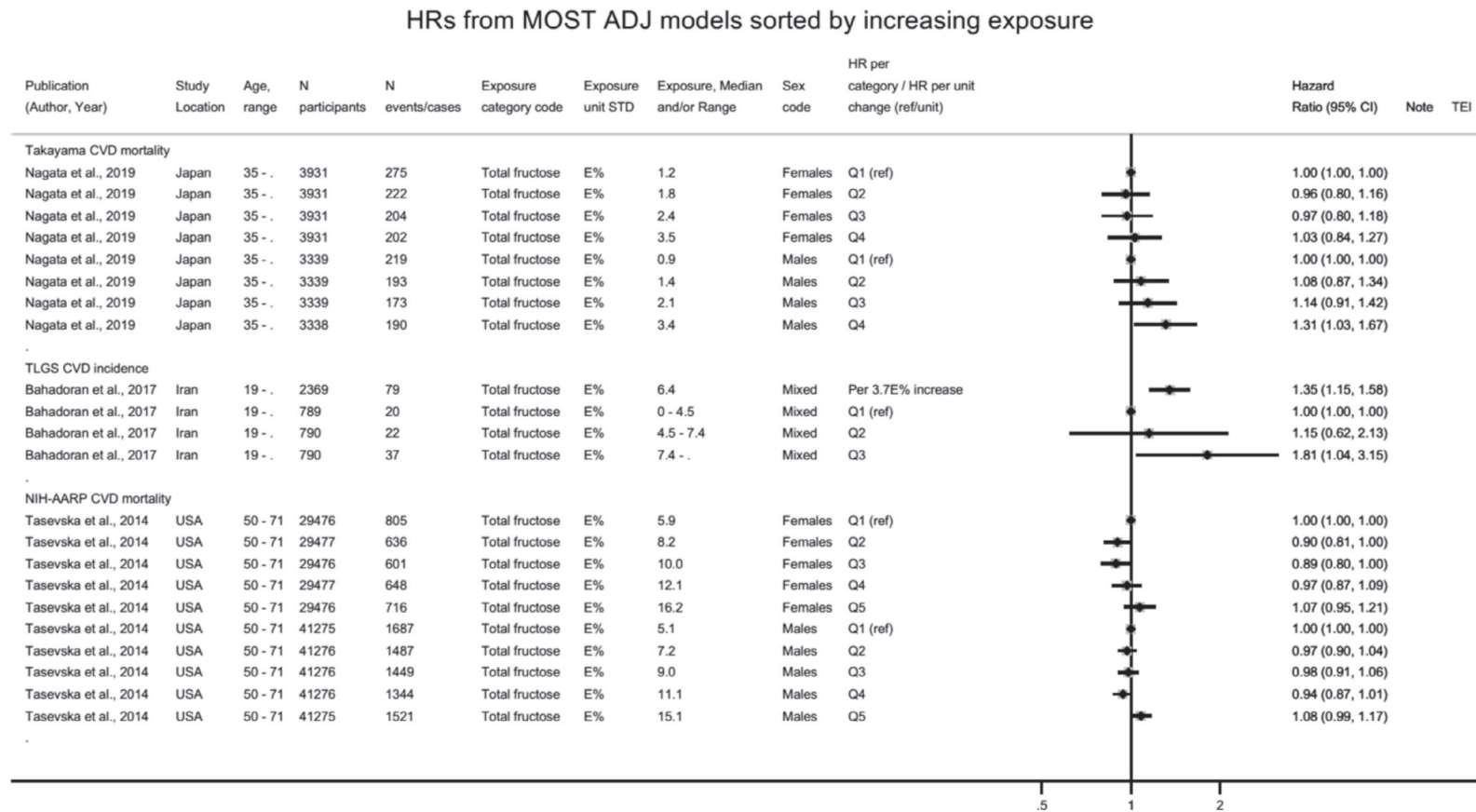
### HRs from MOST ADJ models sorted by increasing exposure



Note: STD = Standardised for Total Energy Intake; \*=exposure as geometric mean.

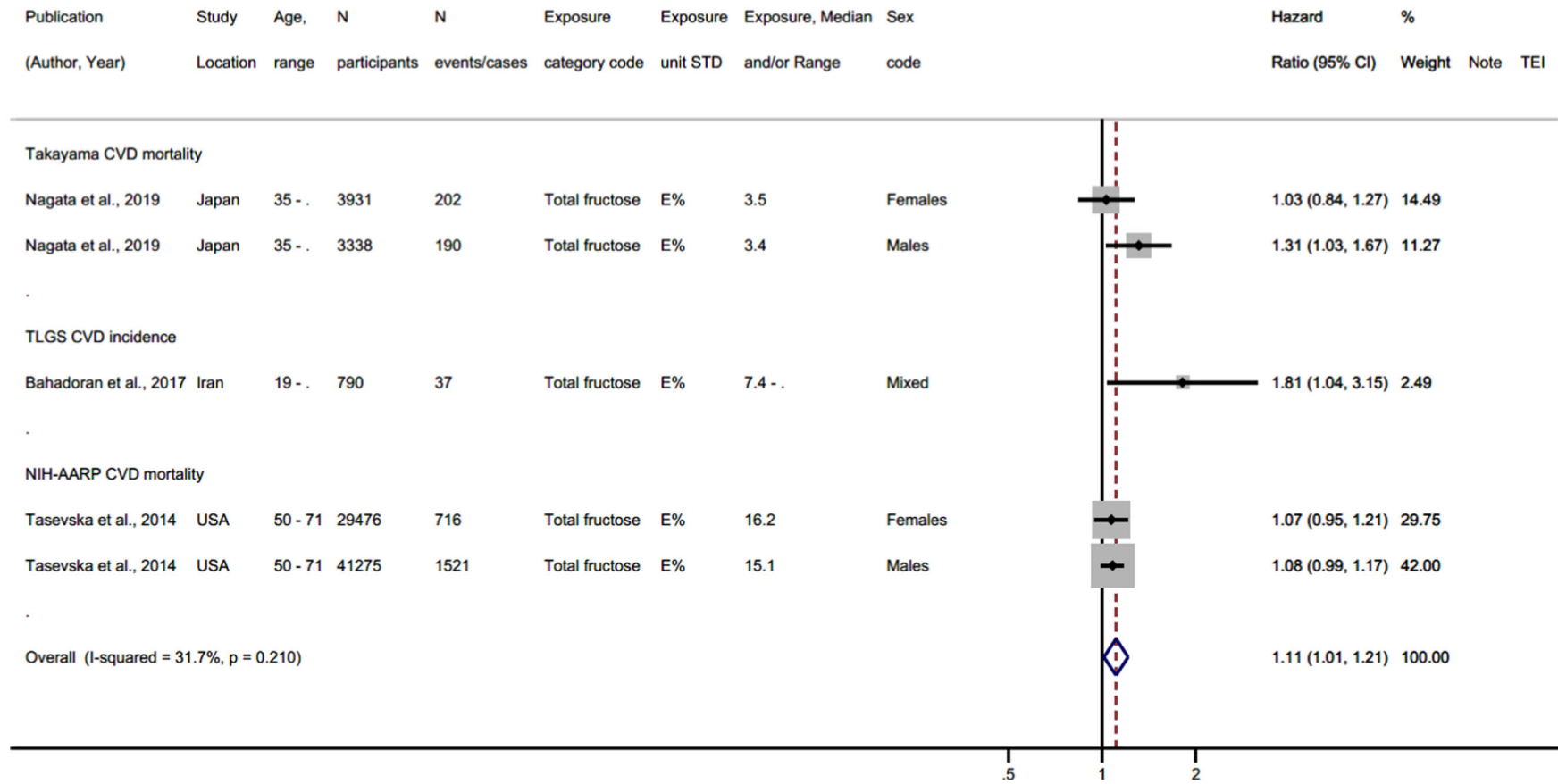
**Figure K.15c:** Intake of total sugars and stroke incidence and mortality

**Figure K.16:** Intake of fructose and incidence and mortality of cardiovascular diseases



**Figure K.16a:** Intake of fructose and incidence and mortality of cardiovascular diseases (composite endpoint) – General plot

Highest vs. Lowest HRs from MOST ADJ models sorted by increasing exposure



**Figure K.16b:** Intake of fructose and incidence and mortality of cardiovascular diseases (composite endpoint) – Pooled plot