

**Table S1.** First Trimester Coffee and Tea Consumption and Risk of Recorded Gestational Diabetes Mellitus Using Cases Identified in Both the Registry and Self-Reported on 2<sup>nd</sup> or 3<sup>rd</sup> Interview Among 71,239 Participants in the Danish National Birth Cohort, 1996-2002.

Cups/ day	Overall (n=71,239)					Stratified by Smoking Status									
	GDM Cases <sup>a</sup>	(%)	aRR <sup>b</sup>	95% CI	P <sup>c</sup>	Non-Smokers (n=52,629)				Smokers (n=18,610)					
	GDM Cases <sup>a</sup>	(%)	aRR <sup>b</sup>	95% CI	P <sup>c</sup>	GDM Cases <sup>a</sup>	(%)	aRR <sup>d</sup>	95% CI	P <sup>c</sup>	GDM Cases <sup>a</sup>	(%)	aRR <sup>d</sup>	95% CI	P <sup>c</sup>
<b>Coffee</b>					.54					.27					.85
0	217	(0.55)	1.00	Referent		164	(0.51)	1.00	Referent		53	(0.71)	1.00	Referent	
½ – 3	126	(0.56)	1.01	0.81, 1.26		88	(0.54)	1.04	0.81, 1.34		38	(0.61)	0.95	0.62, 1.45	
4 – 7	41	(0.59)	0.84	0.60, 1.19		17	(0.47)	0.77	0.47, 1.28		24	(0.72)	0.87	0.52, 1.43	
≥8	20	(0.84)	0.99	0.60, 1.63		9	(1.20)	1.66	0.84, 3.26		11	(0.67)	0.68	0.35, 1.32	
<b>Tea</b>					.76					.49					.89
0	176	(0.68)	1.00	Referent		113	(0.64)	1.00	Referent		63	(0.76)	1.00	Referent	
½ – 3	163	(0.51)	0.88	0.71, 1.08		129	(0.51)	0.92	0.71, 1.18		34	(0.49)	0.73	0.48, 1.10	
4 – 7	54	(0.54)	0.89	0.65, 1.21		30	(0.40)	0.69	0.46, 1.03		24	(1.02)	1.41	0.87, 2.27	
≥8	11	(0.36)	0.50	0.27, 0.92		6	(0.29)	0.44	0.19, 1.00		5	(0.50)	0.59	0.24, 1.48	

Abbreviations: aRR, adjusted risk ratio; CI, confidence interval; GDM, gestational diabetes mellitus.

<sup>a</sup> GDM cases identified from Registry and self-reported on either DNBC interview (n=404).

<sup>b</sup> Model adjusted for coffee or tea consumption (categorical), as appropriate, age (categorical), socio-occupational status (categorical), parity (categorical), prepregnancy body mass index (categorical), smoking (categorical) and cola intake (categorical).

<sup>c</sup> Represents *P* for linear trend.

<sup>d</sup> Model adjusted for coffee or tea consumption (categorical), as appropriate, age (categorical), socio-occupational status (categorical), parity (categorical), prepregnancy body mass index (categorical), and cola intake (categorical).

**Table S2.** First Trimester Coffee and Tea Consumption and Risk of Recorded Gestational Diabetes Mellitus Using Cases Identified from the Registry Only Among 71,239 Participants in the Danish National Birth Cohort, 1996-2002.

Cups/ day	Overall (n=71,239)					Stratified by Smoking Status									<i>P</i> <sup>c</sup>
	GDM Cases <sup>a</sup>	(%)	aRR <sup>b</sup>	95% CI	<i>P</i> <sup>c</sup>	Non-Smokers (n=52,629)				Smokers (n=18,610)					
	GDM Cases <sup>a</sup>	(%)	aRR <sup>b</sup>	95% CI	<i>P</i> <sup>c</sup>	GDM Cases <sup>a</sup>	(%)	aRR <sup>d</sup>	95% CI	<i>P</i> <sup>c</sup>	GDM Cases <sup>a</sup>	(%)	aRR <sup>d</sup>	95% CI	<i>P</i> <sup>c</sup>
<b>Coffee</b>					.79					.23					.87
0	288	(0.73)	1.00	Referent		218	(0.68)	1.00	Referent		70	(0.94)	1.00	Referent	
½ – 3	168	(0.75)	1.03	0.85, 1.24		119	(0.73)	1.06	0.85, 1.32		49	(0.79)	0.95	0.66, 1.38	
4 – 7	58	(0.83)	0.93	0.69, 1.24		25	(0.68)	0.86	0.57, 1.31		33	(0.99)	0.94	0.61, 1.43	
≥8	32	(1.34)	1.23	0.83, 1.85		16	(2.14)	2.25	1.35, 3.75		16	(0.98)	0.77	0.47, 1.36	
<b>Tea</b>					.82					.84					.70
0	231	(0.89)	1.00	Referent		148	(0.84)	1.00	Referent		83	(1.00)	1.00	Referent	
½ – 3	224	(0.70)	0.94	0.79, 1.13		177	(0.70)	0.98	0.79, 1.22		47	(0.68)	0.79	0.55, 1.13	
4 – 7	75	(0.76)	0.96	0.74, 1.25		44	(0.58)	0.78	0.55, 1.09		31	(1.31)	1.42	0.94, 2.16	
≥8	16	(0.52)	0.57	0.34, 0.94		9	(0.43)	0.51	0.26, 0.99		7	(0.70)	0.65	0.30, 1.42	

Abbreviations: aRR, adjusted risk ratio; CI, confidence interval; GDM, gestational diabetes mellitus.

<sup>a</sup> GDM cases identified from Registry only (n=546).

<sup>b</sup> Model adjusted for coffee or tea consumption (categorical), as appropriate, age (categorical), socio-occupational status (categorical), parity (categorical), prepregnancy body mass index (categorical), smoking (categorical) and cola intake (categorical).

<sup>c</sup> Represents *P* for linear trend.

<sup>d</sup> Model adjusted for coffee or tea consumption (categorical), as appropriate, age (categorical), socio-occupational status (categorical), parity (categorical), prepregnancy body mass index (categorical), and cola intake (categorical).