

Supplementary Information

Serum Iodine as a Potential Individual Iodine Status Biomarker: A Cohort Study of Mild Iodine Deficient Pregnant Women in China

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Table S1. Poisson regression exploring the effect of serum iodine level and urinary iodine level on thyroid diseases.

	Hypothyroxinemia				Thyrotoxicosis			
	Unadjusted		Adjusted ¹		Unadjusted		Adjusted ¹	
	OR (95% CI)	P	OR (95% CI)	P	OR (95% CI)	P	OR (95% CI)	P
SIC (µg/L)								
<72.4 (Quartile 1)	9.046 (5.288-15.473)	0.000	8.165 (4.787-13.927)	0.000	0.403 (0.117-1.390)	0.150	0.412 (0.119-1.423)	0.161
72.4-93.9 (Quartile 2 +Quartile 3)	1(referent)		1(referent)		1(referent)		1(referent)	
>93.9 (Quartile 4)	0.380 (0.111-1.303)	0.380	0.392 (0.114-1.346)	0.392	10.405 (6.014-18.005)	0.000	10.425 (6.024-18.042)	0.000
UIC (µg/L)								
<150 (Iodine deficiency)	1.007 (0.998-1.017)	0.133	1.006 (0.997-1.016)	0.184	1.154 (0.163-8.165)	0.886	1.146 (0.160-8.226)	0.892
150-500 (Iodine sufficiency)	1(referent)		1(referent)		1(referent)		1(referent)	
>500 (Iodine excess)	1.016 (1.008-1.024)	0.418	0.982 (0.944-1.021)	0.359	1.191 (0.165-8.582)	0.862	1.170 (0.161-8.522)	0.877

¹ Multivariable models are adjusted for age, BMI, education and smoking status.

Abbreviations: UIC, urinary iodine concentration; SIC, serum iodine concentration.