Supplementary table3. Sensitivity analysis

The sensitivity analysis of the relationship between whole grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	5	6.6%	0.87	(0.79,0.95)	0.003
Marjorie et al,2001	4	0%	0.74	(0.62,0.89)	0.001
Vecchia et al,1988	4	1.4%	0.88	(0.79,0.97)	0.009
Boeing et al,1991	4	24.1%	0.87	(0.79,0.96)	0.004
Boeing et al,1991	4	28.1%	0.87	(0.79,0.96)	0.005
Mathew et al,2000	4	0%	0.89	(0.80,0.99)	0.039

The sensitivity analysis of the relationship between a large amount of whole grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	5	74.7%	0.61	(0.43,0.85)	0.004
Marjorie et al,2001	4	12.6%	0.56	(0.45,0.69)	<0.001
Vecchia et al,1988	4	79.5%	0.63	(0.44,0.89)	0.01
Boeing et al,1991	4	62.5%	0.70	(0.52,0.94)	0.017
Boeing et al,1991	4	77.4%	0.58	(0.36,0.95)	0.031
Hansson et al,1993	4	79.9%	0.60	(0.40,0.91)	0.015

The sensitivity analysis of the relationship between a moderate amount of whole grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	5	0.0%	0.93	(0.83,1.05)	0.273
Marjorie et al,2001	4	0.0%	0.93	(0.78,1.00)	0.037
Vecchia et al,1988	4	0.0%	0.95	(0.84,1.08)	0.420
Boeing et al,1991	4	0.0%	0.92	(0.81,1.04)	0.202
Boeing et al,1991	4	0.0%	0.91	(0.79,1.04)	0.180
Hansson et al,1993	4	0.0%	0.95	(0.84,1.08)	0.436

The sensitivity analysis of the relationship between refined grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	18	56.5%	1.36	(1.21,1.54)	<0.001
Stephanieet al,2008	17	54.8%	1.34	(1.18,1.53)	<0.001
Chatenoud et al,1999	17	59.0%	1.37	(1.19,1.57)	<0.001
Lissowska et al,2009	17	56.7%	1.34	(1.18,1.52)	<0.001
Mathew et al,2000	17	49.2%	1.32	(1.23,1.42)	<0.001
Mathew et al,2000	17	58.9%	1.37	(1.21,1.56)	<0.001
Vecchia et al,1987	17	57.4%	1.38	(1.22,1.56)	<0.001
Stefani et al,2004	17	59.0%	1.36	(1.20,1.54)	<0.001
Stefani et al,2004	17	59.0%	1.37	(1.20,1.56)	<0.001
You et al,1988	17	42.8%	1.40	(1.30,1.51)	<0.001
Sumathi et al,2009	17	58.1%	1.38	(1.22,1.56)	<0.001
Gao et al,1999	17	59.0%	1.36	(1.20,1.54)	<0.001
Hansson et al,1993	17	47.3%	1.38	(1.28,1.48)	<0.001
Inoue et al,1996	17	58.3%	1.35	(1.19,1.53)	<0.001
Li et al,1989	17	57.6%	1.35	(1.19,1.53)	<0.001
Ai et al,2009	17	58.7%	1.36	(1.20,1.54)	<0.001
Ramón et al,1992	17	58.3%	1.37	(1.21,1.55)	<0.001
Vecchia et al,1988	17	58.8%	1.36	(1.19,1.55)	<0.001
Hoshiyama et al,1992	17	55.3%	1.34	(1.18,1.51)	<0.001

The sensitivity analysis of the relationship between a large amount of refined grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	18	27.4%	1.63	(1.49,1.79)	<0.001
Stephanieet al,2008	17	36.5%	1.23	(1.12,1.35)	<0.001
Chatenoud et al,1999	17	44.1%	1.29	(1.18,1.42)	<0.001
Lissowska et al,2009	17	41.8%	1.27	(1.17,1.38)	<0.001
Mathew et al,2000	17	38.6%	1.27	(1.17,1.39)	<0.001
Mathew et al,2000	17	40.1%	1.29	(1.18,1.40)	<0.001
Vecchia et al,1987	17	38.9%	1.31	(1.20,1.42)	<0.001
Stefani et al,2004	17	41.6%	1.29	(1.19,1.41)	<0.001

Stefani et al,2004	17	43.7%	1.29	(1.18,1.40)	<0.001
You et al,1988	17	39.9%	1.30	(1.19,1.42)	<0.001
Sumathi et al,2009	17	36.6%	1.30	(1.19,1.41)	<0.001
Gao et al,1999	17	40.9%	1.29	(1.19,1.41)	<0.001
Hansson et al,1993	17	39.8%	1.30	(1.19,1.41)	<0.001
Inoue et al,1996	17	40.2%	1.27	(1.17,1.38)	<0.001
Li et al,1989	17	35.9%	1.24	(1.13,1.36)	<0.001
Ai et al,2009	17	44.2%	1.28	(1.18,1.40)	<0.001
Ramón et al,1992	17	43.8%	1.29	(1.18,1.40)	<0.001
Vecchia et al,1988	17	44.3%	1.28	(1.17,1.40)	<0.001
Hoshiyama et al,1992	17	41.3%	1.27	(1.16,1.38)	<0.001

The sensitivity analysis of the relationship between a moderate amount of refined grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	18	40.8%	1.28	(1.18,1.39)	<0.001
Stephanieet al,2008	17	31.2%	1.65	(1.48,1.84)	<0.001
Chatenoud et al,1999	17	31.0%	1.65	(1.49,1.82)	<0.001
Lissowska et al,2009	17	31.3%	1.63	(1.48,1.79)	<0.001
Mathew et al,2000	17	19.7%	1.62	(1.47,1.78)	<0.001
Mathew et al,2000	17	29.8%	1.63	(1.48,1.79)	<0.001
Vecchia et al,1987	17	31.5%	1.64	(1.49,1.81)	<0.001
Stefani et al,2004	17	28.4%	1.61	(1.47,1.78)	<0.001
Stefani et al,2004	17	31.4%	1.64	(1.49,1.81)	<0.001
You et al,1988	17	11.2%	1.69	(1.53,1.86)	<0.001
Sumathi et al,2009	17	30.6%	1.64	(1.49,1.80)	<0.001
Gao et al,1999	17	26.2%	1.62	(1.48,1.78)	<0.001
Hansson et al,1993	17	11.9%	1.67	(1.52,1.84)	<0.001
Inoue et al,1996	17	30.2%	1.64	(1.49,1.80)	<0.001
Li et al,1989	17	22.5%	1.58	(1.43,1.75)	<0.001
Ai et al,2009	17	29.1%	1.63	(1.48,1.79)	<0.001
Ramón et al,1992	17	30.8%	1.63	(1.48,1.79)	<0.001
Vecchia et al,1988	17	31.7%	1.63	(1.49,1.80)	<0.001
Hoshiyama et al,1992	17	26.8%	1.62	(1.47,1.78)	<0.001

The sensitivity analysis of the relationship between a small amount of refined grain consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	7	74.7%	0.91	(0.68,1.21)	0.509
Lissowska et al,2009	6	74.7%	0.84	(0.62,1.14)	0.267
Mathew et al,2000	6	78.2%	0.87	(0.63,1.20)	0.400
Vecchia et al,1987	6	75.1%	0.95	(0.69,1.31)	0.758
You et al,1988	6	78.8%	0.90	(0.64,1.29)	0.577
Hansson et al,1993	6	78.9%	0.90	(0.64,1.26)	0.533
Li et al,1989	6	74.2%	0.86	(0.61,1.19)	0.358
Ramón et al,1992	6	49.3%	1.02	(0.88,1.17)	0.811

The sensitivity analysis of the relationship between rice consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	9	28.8%	1.53	(1.31,1.79)	<0.001
Mathew et al,2000	8	0%	1.46	(1.24,1.72)	<0.001
Vecchia et al,1988	8	4.6%	1.63	(1.38,1.93)	<0.001
Stefani et al,2004	8	37.5%	1.54	(1.31,1.81)	<0.001
Gao et al,1999	8	37.7%	1.53	(1.31,1.80)	<0.001
Inoue et al,1996	8	37.3%	1.52	(1.29,1.80)	<0.001
Ai et al,2009	8	37.7%	1.53	(1.30,1.80)	<0.001
Ramón et al,1992	8	29.8%	1.56	(1.33,1.82)	<0.001
Vecchia et al,1988	8	36.2%	1.57	(1.31,1.88)	<0.001
Hoshiyama et al,1992	8	30.7%	1.46	(1.22,1.75)	<0.001

The sensitivity analysis of the relationship between non-rice consumption and the risk of gastric cancer.

Excluded studies	No. of included studies	I^2	OR	95%CI	P
no	9	67.0%	1.28	(1.11,1.49)	0.001
Stephanieet al,2008	8	62.2%	1.24	(1.06,1.45)	0.007
Chatenoud et al,1999	8	70.7%	1.27	(1.06,1.57)	0.009
Lissowska et al,2009	8	67.2%	1.24	(1.07,1.45)	0.006
Mathew et al,2000	8	71.0%	1.29	(1.10,1.51)	0.002
Stefani et al,2004	8	71.1%	1.28	(1.08,1.51)	0.004
You et al,1988	8	53.8%	1.34	(1.17,1.54)	<0.001

Sumathi et al,2009	8	70.3%	1.30	(1.11,1.51)	0.001
Hansson et al,1993	8	58.6%	1.34	(1.16,1.54)	<0.001
Li et al,1989	8	68.6%	1.25	(1.07,1.47)	0.006