

Table S5. Characteristics of the association studies of Ser311Cys and SZ.

Author	Location	NOS	Number		Males %		Mean age		Genotypes						P for HWE	
			Cases	Controls	Cases	Controls	Cases	Controls	Cases			Controls			Cases	Controls
									Ser/Ser	Ser/Cys	Cys/Cys	Ser/Ser	Ser/Cys	Cys/Cys		
Ser311Cys																
Itokawa, M. [26]	Japan	5	50	110	-	-	-	-	46	3	1	105	5	0	0.09	0.93
Asherson, P.[50]	England	5	112	64	-	-	-	-	110	2	0	63	1	0	0.89	0.92
Gejman, P.V. [53]	USA	5	102	113	-	-	-	-	103	3	0	109	4	0	0.83	0.78
Laurent, C. [55]	France	5	113	184	-	-	-	-	108	5	0	181	3	0	0.73	0.87
Nöthen, M. [56]	Germany	5	179	138	-	-	-	-	175	4	0	133	5	0	0.83	0.76
Shaikh, S. [59]	England	6	147	100	-	-	-	-	140	7	0	99	1	0	0.67	0.94
Sobell, J. [60]	USA	6	338	1914	-	-	-	-	325	12	1	1848	65	1	0.12	0.44
Arinami, T. [27]	Japan	5	156	300	-	-	-	-	142	11	3	289	11	0	0.36	1.00
Hattori, M. [28]	Japan	5	100	100	-	-	-	-	92	8	0	96	4	0	0.98	1.00
Nanko, S. [29]	Japan	6	100	100	-	-	-	-	92	8	0	96	4	0	0.99	0.90
Sasaki, T. [58]	USA and Europe	6	273	255	-	-	32	36	261	12	0	245	9	1	0.60	0.10
Crawford, F. [51]	USA	6	84	81	-	-	-	-	78	5	1	78	3	0	0.12	0.81
Arinami, T. [30]	Japan	6	136	274	-	-	-	-	124	12	0	266	13	0	0.98	0.95
Chen, C. H. [31]	China	6	114	88	-	-	-	-	109	5	0	118	3	0	0.90	0.99
Ohara, K. [32]	Japan	6	153	121	50	-	26.3	-	152	1	0	98	8	0	0.97	1.00
Tanaka, T. [35]	Japan	6	106	106	51	59	-	-	97	9	0	98	8	0	1.00	1.00
Verga, M. [62]	Italy	7	103	97	65	-	37.9	53.25	92	11	0	92	5	0	0.43	0.71
Fujiwara, Y. [33]	Japan	6	52	26	-	-	-	-	50	2	0	93	8	0	1.00	0.94
Kaneshima, M. [16]	Japan	7	78	112	44	32	36.3	23	74	4	0	105	7	0	0.92	0.99
Harano, M. [34]	Japan	6	70	101	65	45	47	67	62	8	0	93	8	0	1.00	1.00
Spurlock, G. [36]	Austria, Ireland, Sweden, Italy and Wales	7	373	413	-	-	-	-	359	14	0	396	17	0	1.00	1.00
Serreti, A. [38]	Italy	7	366	267	44	48	44.7	46.6	329	37	0	252	15	0	0.61	1.00
Hori, H. [39]	Japan	7	241	201	51	49	52.7	54.7	217	23	1	185	15	1	0.48	0.29
Himei, A. [40]	Japan	7	190	103	63	51	53.1	33.3	175	15	0	97	6	0	1.00	0.96
Morimoto, K. [37]	Japan	7	48	48	-	-	0	0	45	3	0	45	3	0	0.99	1.00
Jonsson, E. G. [18]	Sweden	7	173	236	63	63	44.8	40	160	12	1	232	4	0	0.23	1.00
Dubertret, C. [52]	France	7	103	83	-	-	-	-	97	6	0	80	3	0	0.67	0.81
Vijayan, N. N. [1]	India	8	210	195	39	-	34.4	-	169	38	3	159	32	4	0.47	0.12
Sanders, A. [57]	USA	8	1870	2002	-	-	-	-	1796	73	1	1895	105	2	0.53	0.65
Gupta, M. [41]	India	8	48	48	-	-	-	-	208	42	4	186	37	2	0.27	0.70
Srivastava, V. [61]	India	8	233	224	-	-	21.4	34.6	200	32	1	189	34	1	0.81	0.67
Fan, H. [20]	China	8	420	403	-	-	30.7	28.1	387	32	1	377	26	0	0.50	1.00
Itokawa, M.[15]	Japan	8	156	300	-	-	-	-	142	11	3	289	11	0	0.00*	0.65
Itokawa, M. [15]	Japan	8	280	579	-	-	-	-	256	24	0	555	24	0	0.29	0.47
Dubertret, C. [46]	France	8	144	142	-	-	-	-	139	5	0	137	5	0	0.76	0.76
Tsutsumi, A. [42]	Japan	9	406	386	54	50	47.2	42.1	390	14	8	354	23	7	0.00*	0.00*

Table S6. Analysis of association studies on the Ser311Cys polymorphism of the DRD2 gene and schizophrenia by populations.

Model analysis		Model effects		P value of Q test	P value of Egger's test
		Random OR (95% CI)	Fixed OR (95% CI)		
All populations					
Allelic	With heterogeneity	1.23(1.02-1.48)	1.11(0.98-1.26)	0.004	0.049
	Without heterogeneity	0.89(0.75-1.06)	0.89(0.76-1.04)	0.255	0.758
Additive	With heterogeneity				
	Without heterogeneity	1.41(0.80-2.50)	1.41(0.80-2.50)	0.671	0.145
Recessive	With heterogeneity				
	Without heterogeneity	2.36(1.40-3.98)	2.36(1.40-3.98)	0.529	0.685
Dominant	With heterogeneity	1.26(1.06-1.50)	1.16(1.02-1.32)	0.031	0.045
	Without heterogeneity	1.20(1.03-1.39)	1.20(1.03-1.39)	0.807	0.085
Caucasian population					
Allelic	With heterogeneity				
	Without heterogeneity	1.11(0.82-1.49)	0.93(0.77-1.13)	0.061	0.098
Additive	With heterogeneity				
	Without heterogeneity	1.22(0.36-4.06)	1.22(0.36-4.06)	0.558	0.835
Recessive	With heterogeneity				
	Without heterogeneity	1.20(0.36-4.01)	1.20(0.36-4.01)	0.568	0.854
Dominant	With heterogeneity				
	Without heterogeneity	1.27(0.94-1.70)	1.06(0.87-1.29)	0.089	0.099
Asian population					
Allelic	With heterogeneity	1.35(1.07-1.72)	1.30(1.10-1.54)	0.040	0.559
	Without heterogeneity	1.21(1.00-1.45)	1.20(1.00-1.45)	0.439	0.218
Additive	With heterogeneity				
	Without heterogeneity	1.52(0.78-2.98)	1.51(0.78-2.94)	0.421	0.100
Recessive	With heterogeneity				
	Without heterogeneity	1.51(0.78-2.94)	1.51(0.78-2.94)	0.439	0.096
Dominant	With heterogeneity				
	Without heterogeneity	1.32(1.05-1.65)	1.29(1.08-1.54)	0.107	0.936

Figure S6. A) Forest plots of allelic model Ser311Cys. **B)** Begg's funnel plot analysis of publication bias for allelic model Ser311Cys. **C)** Forest plots of dominant model Ser311Cys. **D)** Begg's funnel plot analysis of publication bias for dominant model Ser311Cys.(without heterogeneity)

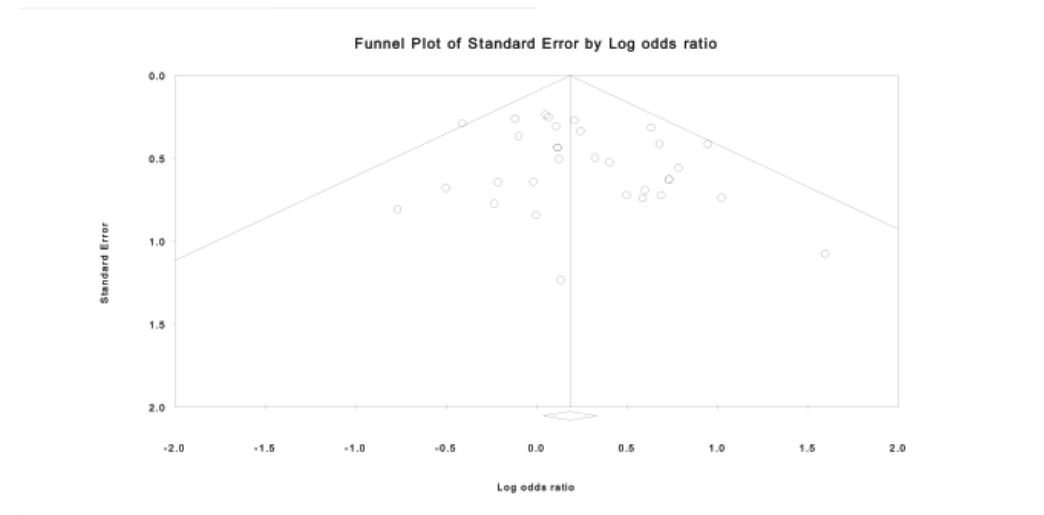
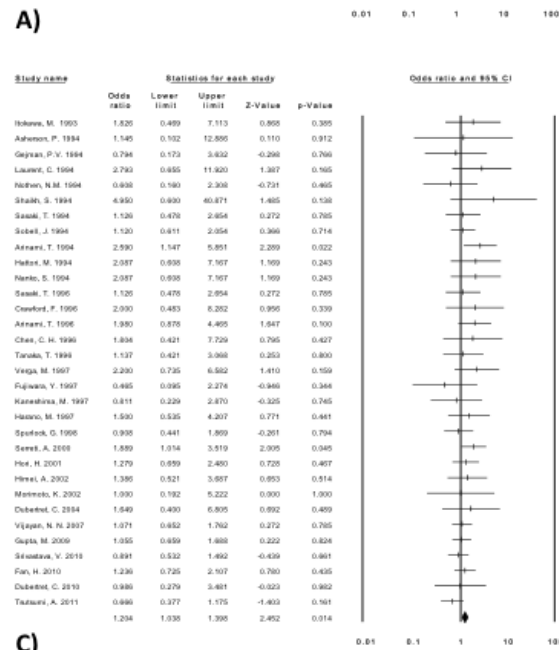
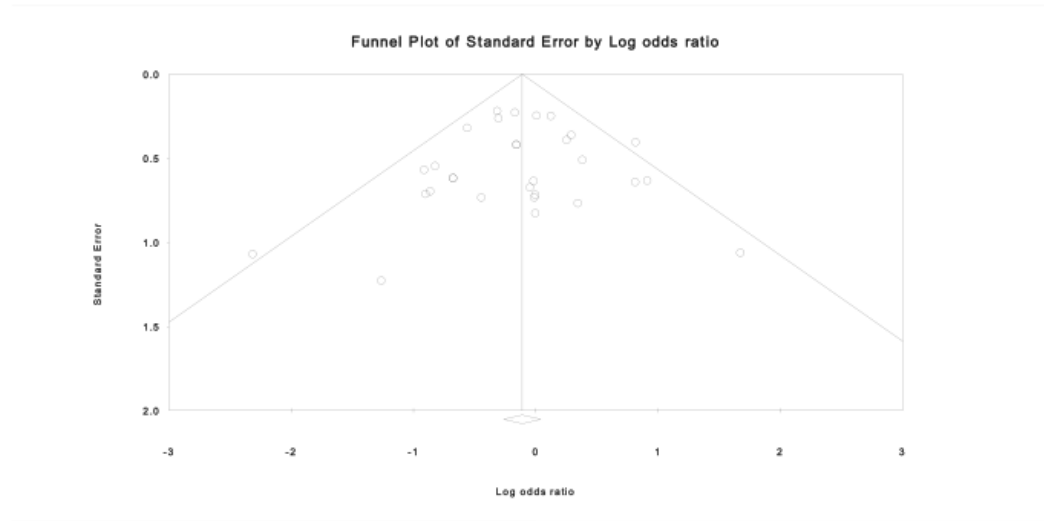
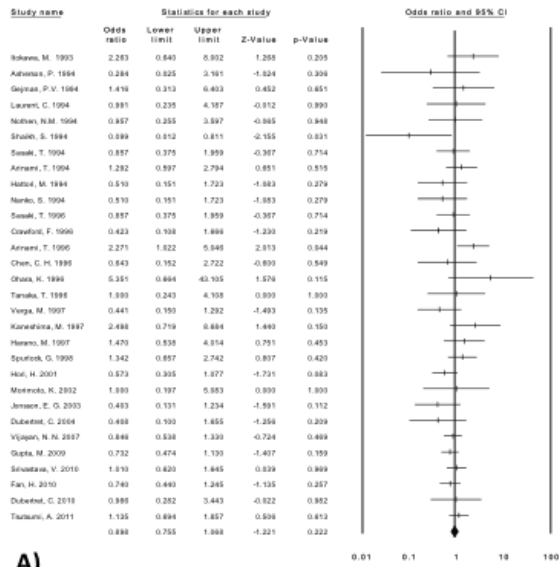
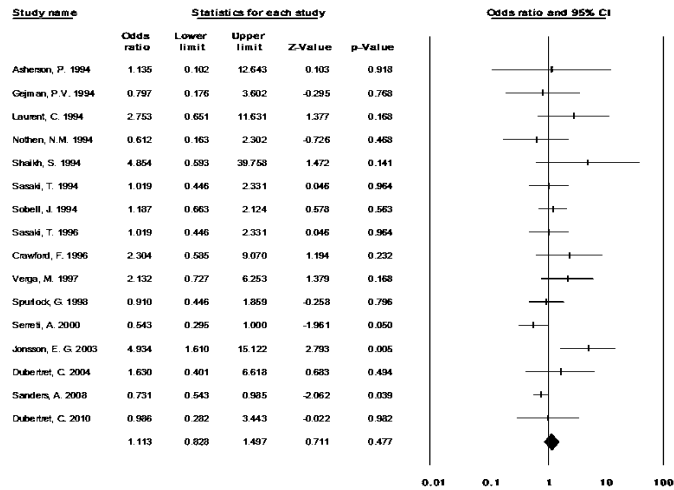
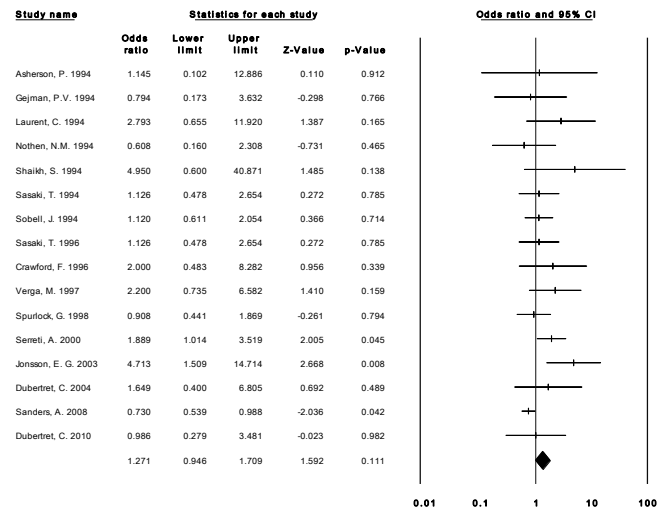


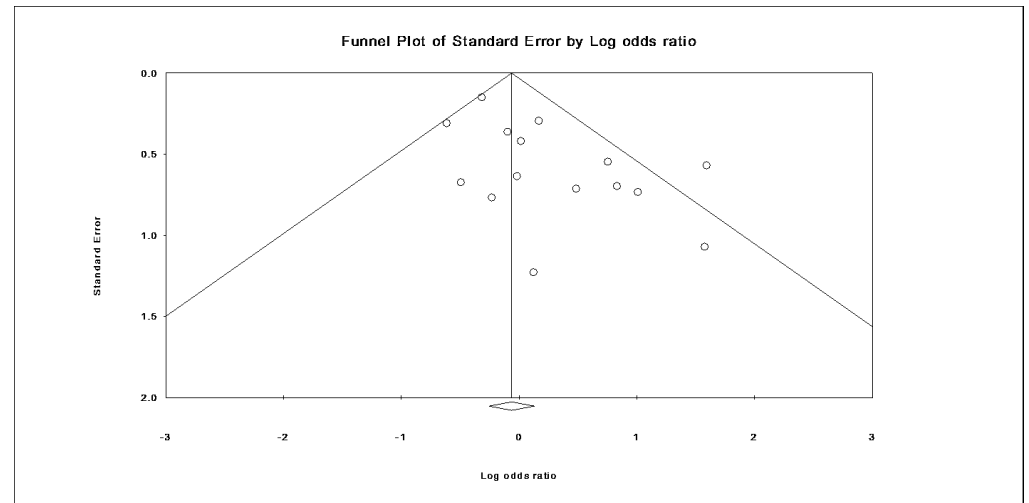
Figure S7. A) Forest plots of allelic model Ser311Cys in Caucasians. **B)** Begg's funnel plot analysis of publication bias for allelic model Ser311Cys in Caucasians. **C)** Forest plots of dominant model Ser311Cys in Caucasians. **D)** Begg's funnel plot analysis of publication bias for dominant model Ser311Cys in Caucasians. (without heterogeneity)



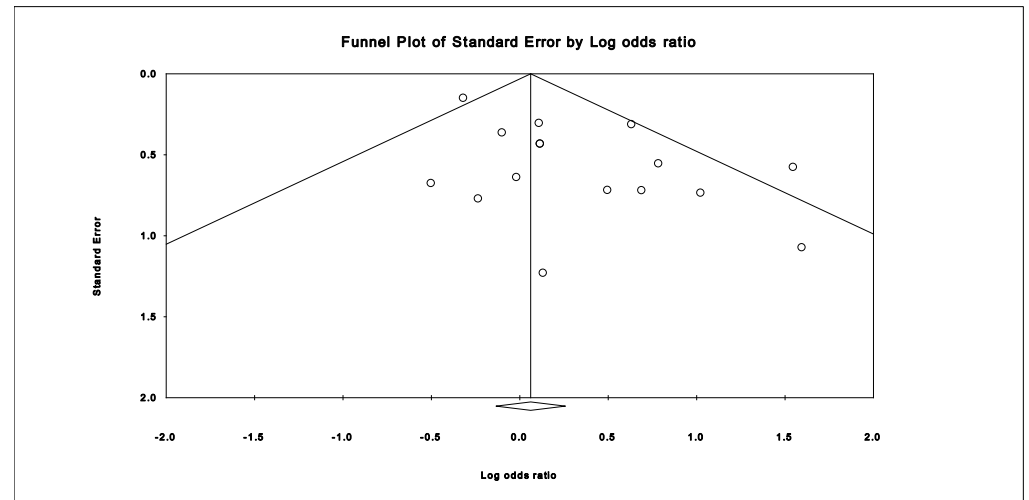
A)



C)

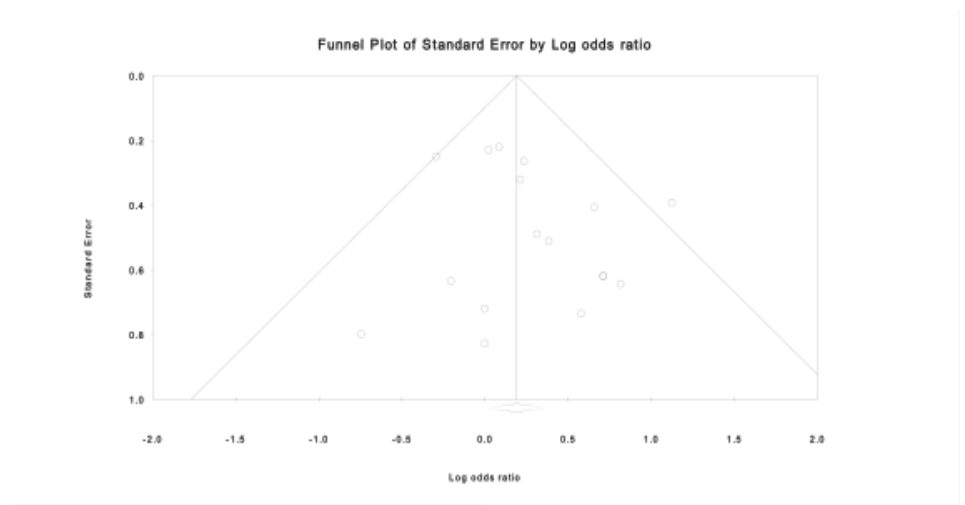
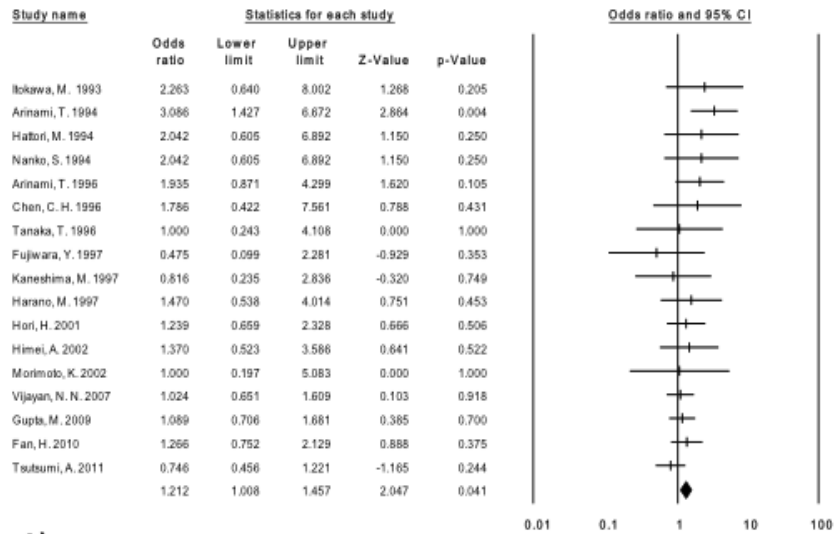


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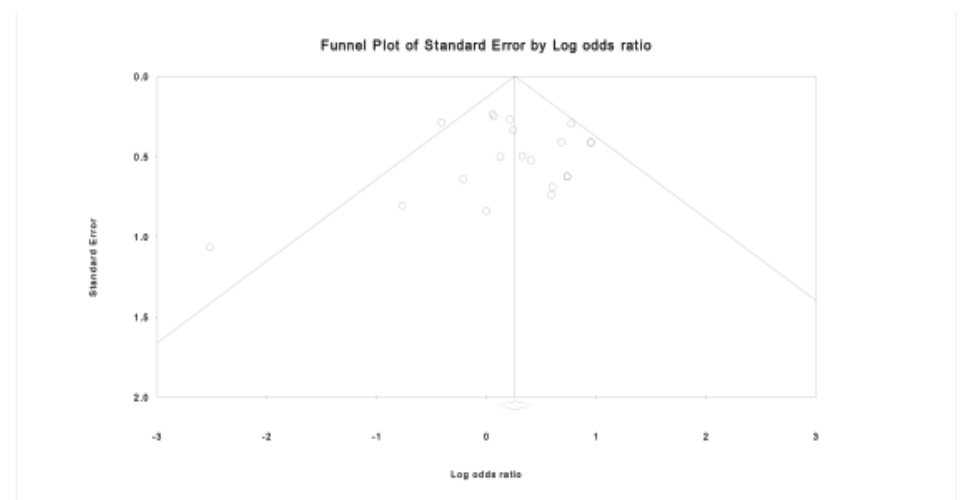
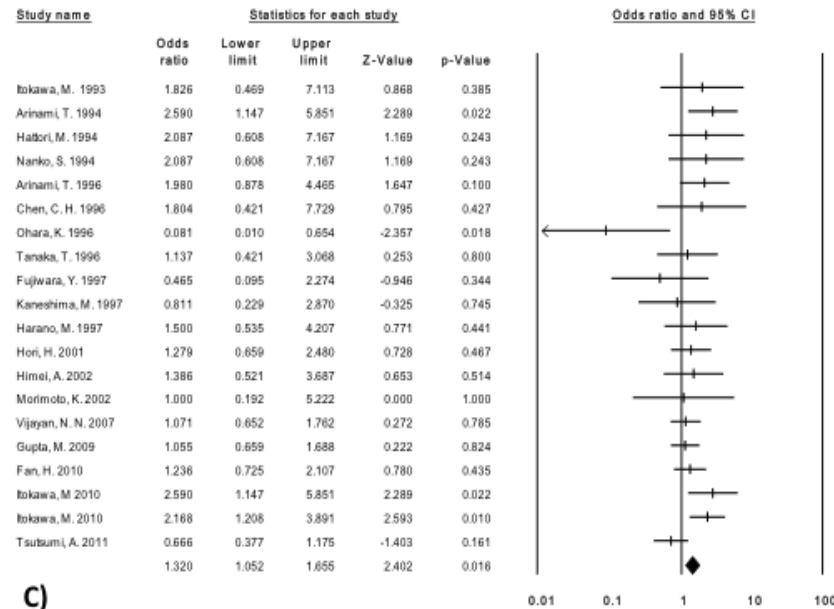
D)

Figure S8. A) Forest plots of allelic model Ser311Cys in Asians. **B)** Begg's funnel plot analysis of publication bias for allelic model Ser311Cys in Asians. **C)** Forest plots of dominant model Ser311Cys in Asians. **D)** Begg's funnel plot analysis of publication bias for dominant model Ser311Cys in Asians. .(without heterogeneity)



A)

B)



C)

D)

Figure S9. Meta-regression based on ages of Ser311Cys.

