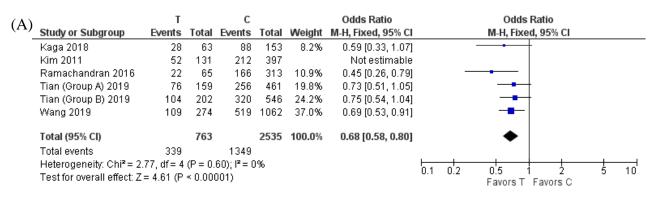
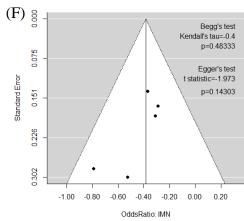
Single-nucleotide polymorphism rs4664308 in PLA2R1 gene is associated with the risk of idiopathic membranous nephropathy: A meta-analysis.

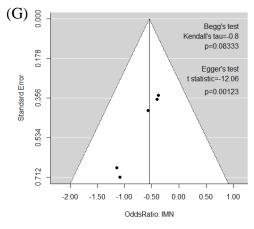
Masahiro Yoshikawa^{1,*} and Kensuke Asaba²

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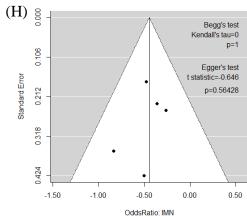




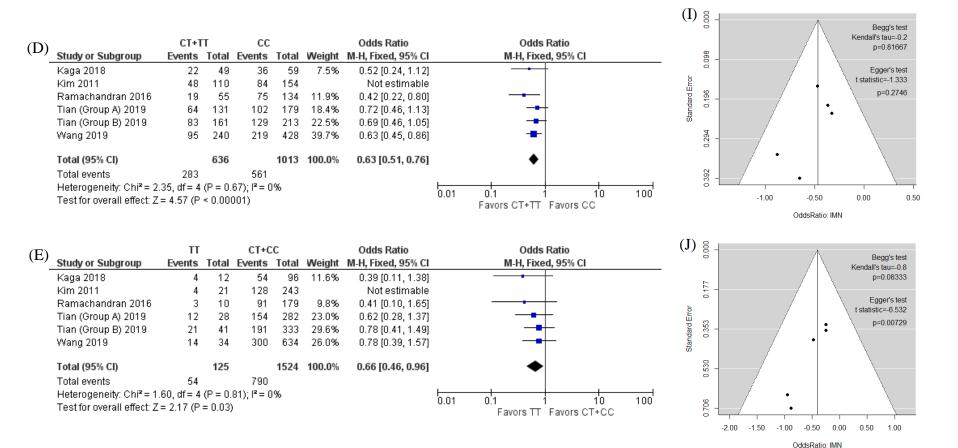
B)		TT		CC			Odds Ratio	Odds Ratio		
D)	Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	M-H, Fixed, 95% CI		
	Kaga 2018	4 12		36	59	11.5%	0.32 [0.09, 1.18]			
	Kim 2011	4	21	84	154		Not estimable			
	Ramachandran 2016	3	10	75	134	10.4%	0.34 [0.08, 1.36]			
	Tian (Group A) 2019	12	28	102	179	22.4%	0.57 [0.25, 1.27]			
	Tian (Group B) 2019	21	41	129	213	28.8%	0.68 [0.35, 1.34]			
	Wang 2019	14	34	219	428	26.9%	0.67 [0.33, 1.36]			
	Total (95% CI)		125		1013	100.0%	0.58 [0.39, 0.84]	•		
	Total events	54		561						
	Heterogeneity: $Chi^2 = 1.77$, $df = 4$ (P = 0.78); $I^2 = 0\%$									
	Test for overall effect: Z	= 2.85 (P	= 0.004	4)				0.01 0.1 1 10 100 Favors TT Favors CC		



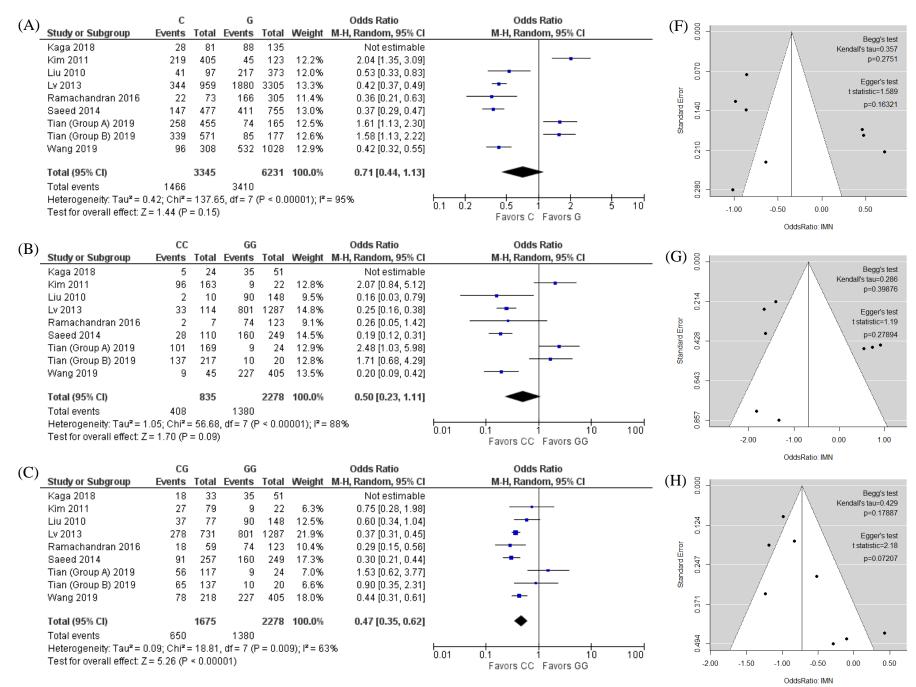
C)		CT		CC			Odds Ratio	Odds Ratio
C)	Study or Subgroup	tudy or Subgroup Events Total Events Total V		Weight	M-H, Fixed, 95% CI	M-H, Fixed, 95% CI		
	Kaga 2018	18	18 37 36		59	6.9%	0.61 [0.26, 1.39]	
	Kim 2011	44	89	84	154		Not estimable	
	Ramachandran 2016	16	45	75	134	11.8%	0.43 [0.22, 0.87]	
	Tian (Group A) 2019	52	103	102	179	17.8%	0.77 [0.47, 1.25]	
	Tian (Group B) 2019	62	120	129	213	21.7%	0.70 [0.44, 1.09]	
	Wang 2019	81	206	219	428	41.8%	0.62 [0.44, 0.87]	-
	Total (95% CI)		511		1013	100.0%	0.64 [0.52, 0.79]	•
	Total events	229		561				
	Heterogeneity: Chi ² = 1.	93, df = 4	(P = 0.	75); $I^2 = 0$)%			1004 04 40 400
	Test for overall effect: Z	= 4.06 (P	< 0.000	01)				0.01 0.1 1 10 100 Favors CT Favors CC



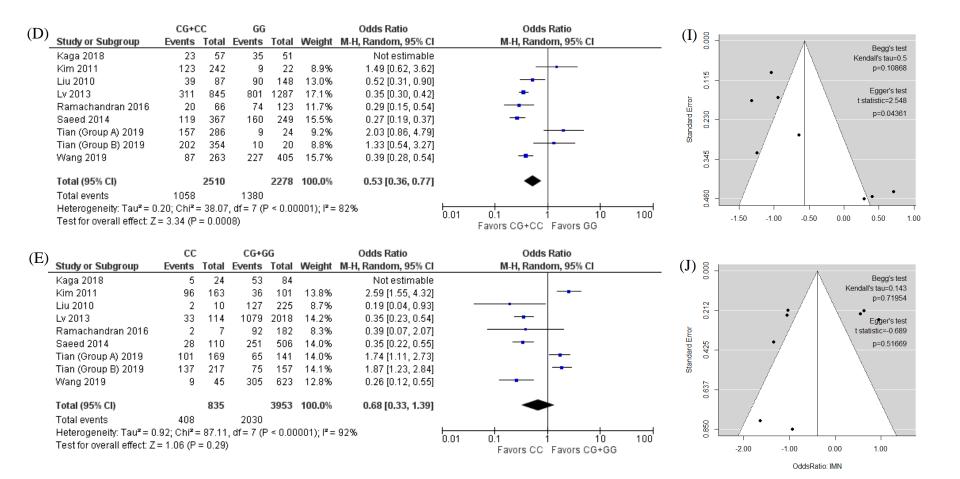
Supplementary Figure S1 (continued)



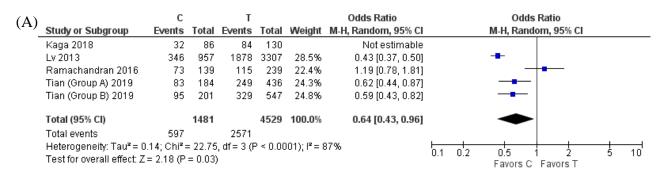
Forest plot of the risk of IMN associated with rs3828323 under the (A) allelic model (T vs. C), (B) additive model (TT vs. CC), (C) additive model (CT vs. CC), (D) dominant model (CT+TT vs. CC), and (E) recessive model (TT vs. CT+CC). (F-J) Funnel plot, Begg's test and Egger's test for (A-E), respectively. Note that the log (OR) is plotted on the horizontal axis.

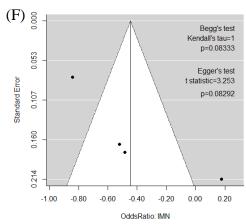


Supplementary Figure S2 (continued)

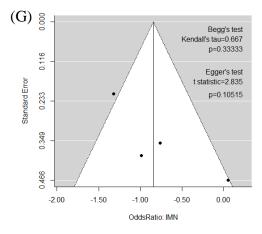


Forest plot of the risk of IMN associated with rs35771982 under the (A) allelic model (C vs. G), (B) additive model (CC vs. GG), (C) additive model (CG vs. GG), (D) dominant model (CG+CC vs. GG), and (E) recessive model (CC vs. CG+GG). (F-J) Funnel plot, Begg's test and Egger's test for (A-E), respectively. Note that the log (OR) is plotted on the horizontal axis.

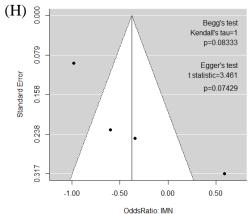


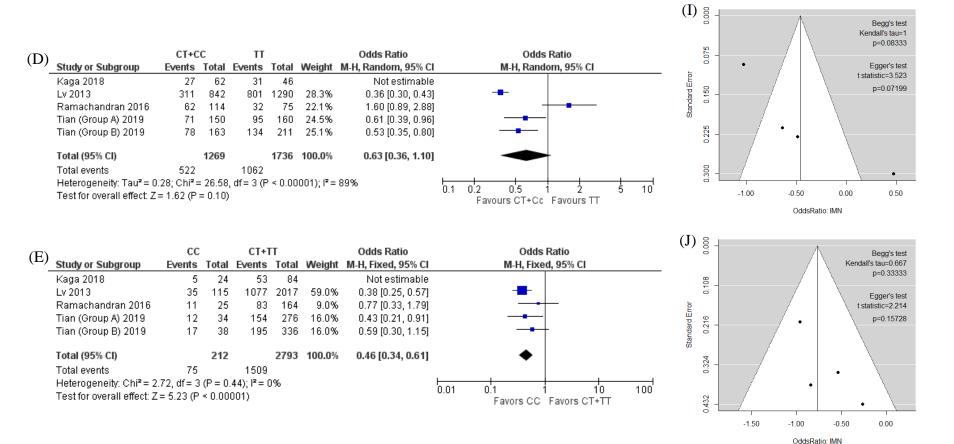


(B)		CC	CC TT				Odds Ratio	Odds Ratio	
(D)	Study or Subgroup	Study or Subgroup Events Total Events Total V			Weight	M-H, Random, 95% CI	I M-H, Random, 95% CI		
	Kaga 2018	5	24	31	46		Not estimable)	
	Lv 2013	35	115	801	1290	33.5%	0.27 [0.18, 0.40]] -	
	Ramachandran 2016	11	25	32	75	19.2%	1.06 [0.42, 2.63]] —	
	Tian (Group A) 2019	12	34	95	160	22.7%	0.37 [0.17, 0.81]]	
	Tian (Group B) 2019	17	38	134	211	24.7%	0.47 [0.23, 0.94]]	
	Total (95% CI)		212		1736	100.0%	0.43 [0.25, 0.74]	•	
	Total events	75		1062					
	Heterogeneity: Tau ² = 0	.19; Chi ² =	7.87,	df = 3 (P :	= 0.05);	I² = 62%		0.01 0.1 1 10 100	
	Test for overall effect: Z	= 3.04 (P	= 0.000	2)				Favors CC Favors TT	

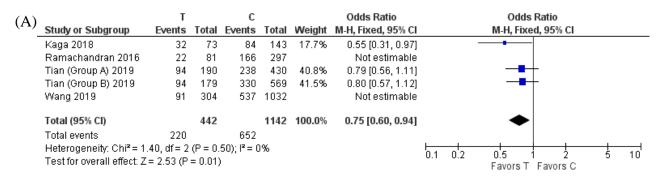


(C)	ст		ст тт				Odds Ratio	Odds Ratio			
(C)	Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI			
	Kaga 2018	22 38		31	46		Not estimable				
	Lv 2013	276	727	801	1290	28.2%	0.37 [0.31, 0.45]	•			
	Ramachandran 2016	51	89	32	75	22.2%	1.80 [0.97, 3.36]	 • 			
	Tian (Group A) 2019	59	116	95	160	24.5%	0.71 [0.44, 1.15]				
	Tian (Group B) 2019	61	125	134	211	25.0%	0.55 [0.35, 0.86]				
	Total (95% CI)	1057			1736	100.0%	0.68 [0.37, 1.25]	•			
	Total events	447 1062									
	Heterogeneity: $Tau^2 = 0.33$; $Chi^2 = 26.98$, $df = 3$ (P < 0.00001); $I^2 = 26.98$					1001); l ^z = 1	89%	0.01 0.1 1 10 100			
	Test for overall effect: Z	= 1.24 (P	= 0.22)				Favors CT Favors TT				



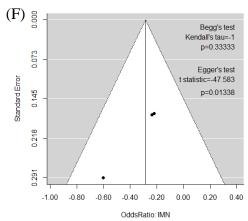


Forest plot of the risk of IMN associated with rs3749117 under the (A) allelic model (C vs. T), (B) additive model (CC vs. TT), (C) additive model (CT vs. TT), (D) dominant model (CT+CC vs. TT), and (E) recessive model (CC vs. CT+TT). (F-J) Funnel plot, Begg's test and Egger's test for (A-E), respectively. Note that the log (OR) is plotted on the horizontal axis.

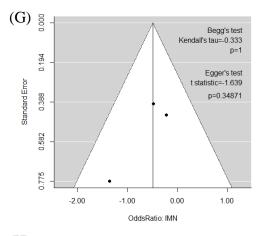


10

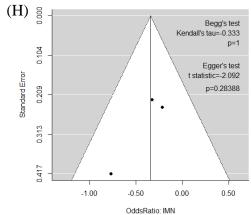
100

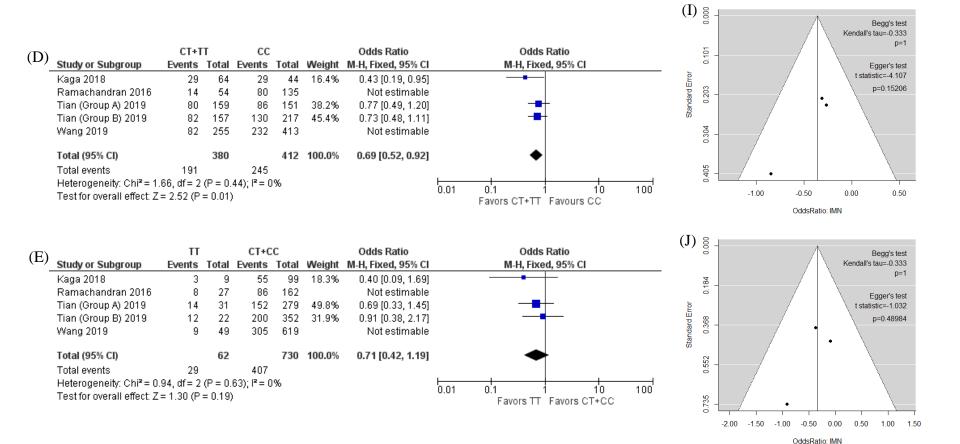


(B)		TT		cc			Odds Ratio		Odds Ratio
(D)	Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI		M-H, Fixed, 95% CI
	Kaga 2018	3	9	29	44	19.6%	0.26 [0.06, 1.18]		
	Ramachandran 2016	8	27	80	135		Not estimable		
	Tian (Group A) 2019	14	31	86	151	47.9%	0.62 [0.29, 1.35]		
	Tian (Group B) 2019	12	22	130	217	32.5%	0.80 [0.33, 1.94]		
	Wang 2019	9	49	232	413		Not estimable		
	Total (95% CI)		62		412	100.0%	0.61 [0.36, 1.04]		•
	Total events	29		245					
	Heterogeneity: $Chi^2 = 1.60$, $df = 2 (P = 0.45)$; $I^2 = 0\%$							0.01	0.1 1 1
	Test for overall effect: Z	= 1.80 (P		0.01	Favors TT Favors CC				



(C)			CC			Odds Ratio		Odds Ratio			
$(\mathbf{C})_{\underline{}}$	Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI		M-H, Fixed, 95% CI		
_	Kaga 2018	26	55	29	44	16.5%	0.46 [0.20, 1.05]		-		
	Ramachandran 2016	6	27	80	135		Not estimable				
	Tian (Group A) 2019	66	128	86	151	37.0%	0.80 [0.50, 1.29]				
	Tian (Group B) 2019	70	135	130	217	46.5%	0.72 [0.47, 1.11]		 +		
	Wang 2019	73	206	232	413		Not estimable				
	Total (95% CI)		318		412	100.0%	0.71 [0.53, 0.95]		•		
	Total events	162		245							
	Heterogeneity: $Chi^2 = 1.32$, $df = 2$ (P = 0.52); $I^2 = 0\%$								100		
	Test for overall effect: Z	= 2.27 (P	= 0.02))				0.01	0.1 1 10 Favors CT Favors CC	100	





Forest plot of the risk of IMN associated with rs3749119 under the (A) allelic model (T vs. C), (B) additive model (TT vs. CC), (C) additive model (CT vs. CC), (D) dominant model (CT+TT vs. CC), and (E) recessive model (TT vs. CT+CC). (F-J) Funnel plot, Begg's test and Egger's test for (A-E), respectively. Note that the log (OR) is plotted on the horizontal axis.