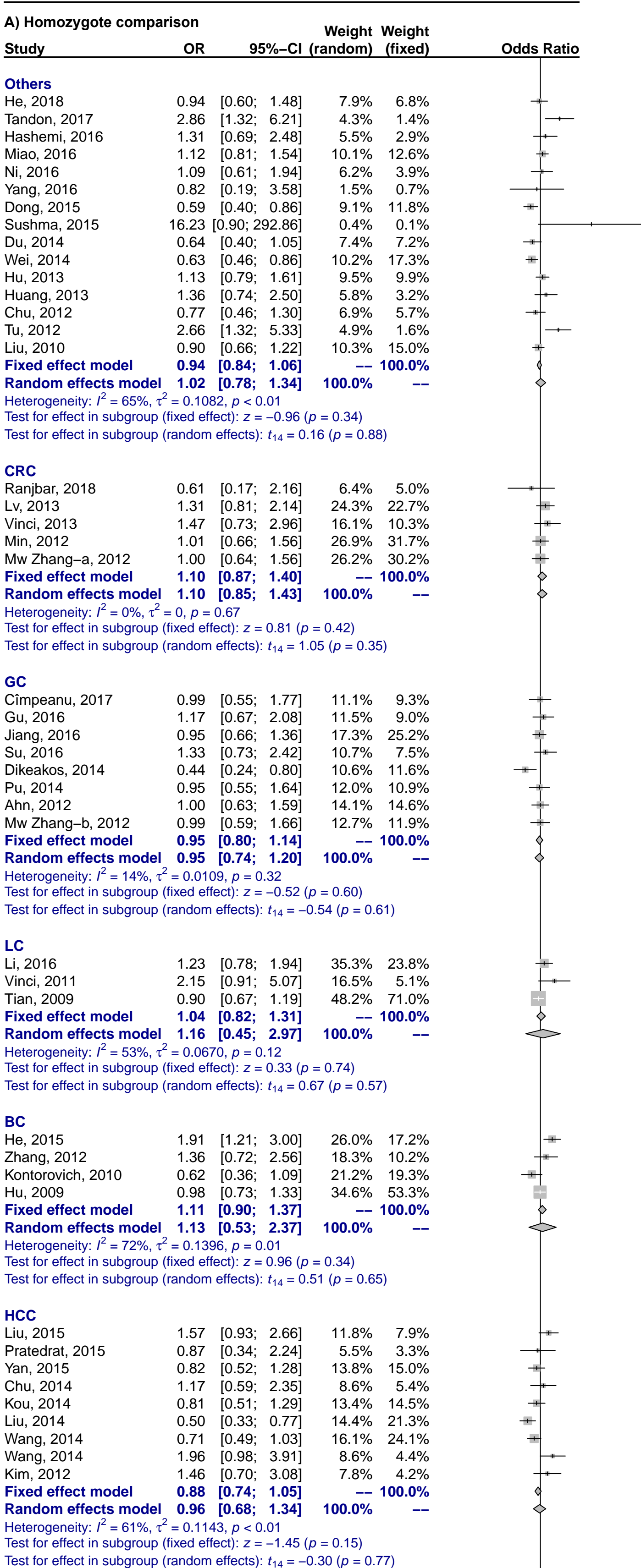
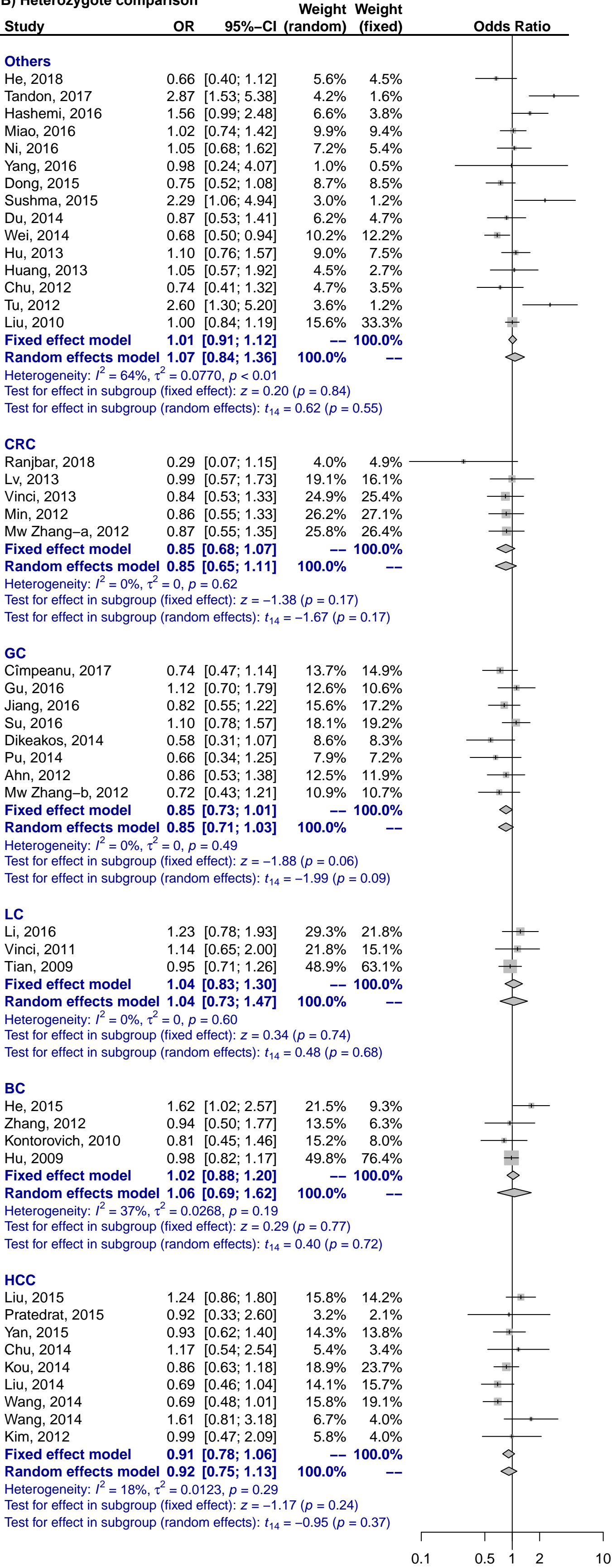


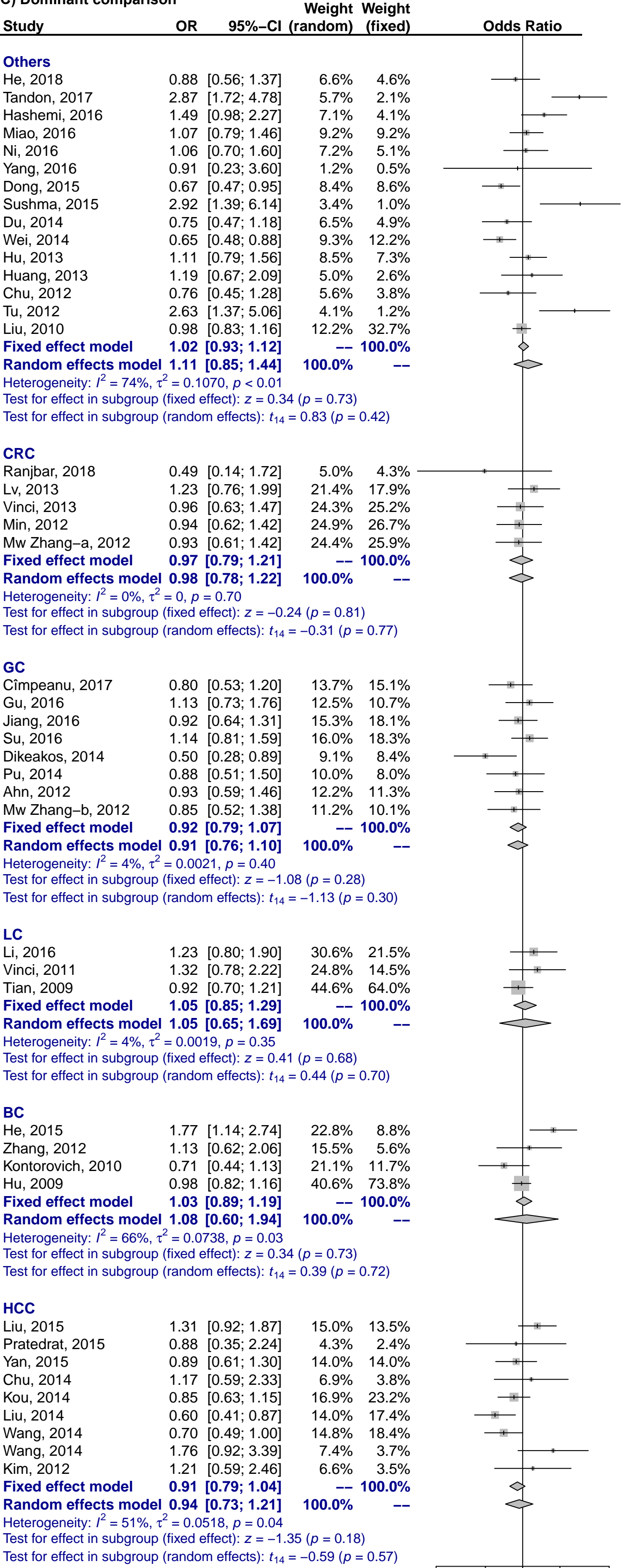
Supplementary Figure S6. Forest plots for meta-analysis of miR-149 rs2292832 sub-grouped according to cancer types. **A)** Homozygote comparison; **B)** Heterozygote comparison; **C)** Dominant comparison; **D)** Recessive comparison; **E)** Allele contrast.
Abbreviations: BC: Breast cancer; HCC: Hepatocellular cancers; GC: Gastric cancer; CRC: Colorectal cancer; LC: Lung cancer



B) Heterozygote comparison



C) Dominant comparison



D) Recessive comparison

Study	OR	95%–CI	Weight (random)	Weight (fixed)	Odds Ratio
Others					
He, 2018	1.26	[0.95; 1.66]	8.8%	7.1%	
Tandon, 2017	2.47	[1.14; 5.33]	2.0%	0.7%	
Hashemi, 2016	1.09	[0.59; 2.00]	3.0%	1.6%	
Miao, 2016	1.10	[0.91; 1.33]	12.0%	15.8%	
Ni, 2016	1.05	[0.63; 1.75]	4.0%	2.3%	
Yang, 2016	0.84	[0.36; 1.95]	1.7%	0.9%	
Dong, 2015	0.74	[0.57; 0.95]	9.5%	10.8%	
Sushma, 2015	14.10	[0.78; 253.71]	0.2%	0.0%	
Du, 2014	0.72	[0.54; 0.97]	8.3%	8.2%	
Wei, 2014	0.85	[0.71; 1.02]	12.4%	19.5%	
Hu, 2013	1.05	[0.85; 1.29]	11.2%	13.1%	
Huang, 2013	1.31	[0.87; 1.97]	5.5%	3.2%	
Chu, 2012	0.96	[0.72; 1.30]	8.2%	6.9%	
Tu, 2012	1.24	[0.80; 1.91]	5.1%	2.9%	
Liu, 2010	0.90	[0.67; 1.21]	8.1%	7.1%	
Fixed effect model	0.98	[0.91; 1.06]	--	100.0%	
Random effects model	1.00	[0.87; 1.16]	100.0%	--	
Heterogeneity: $I^2 = 51\%$, $\tau^2 = 0.0261$, $p = 0.01$					
Test for effect in subgroup (fixed effect): $z = -0.46$ ($p = 0.65$)					
Test for effect in subgroup (random effects): $t_{14} = 0.04$ ($p = 0.97$)					
CRC					
Ranjbar, 2018	1.55	[0.77; 3.09]	7.6%	4.2%	
Lv, 2013	1.32	[0.97; 1.79]	25.0%	23.1%	
Vinci, 2013	1.59	[0.82; 3.10]	8.1%	4.4%	
Min, 2012	1.14	[0.89; 1.48]	30.2%	35.4%	
Mw Zhang–a, 2012	1.12	[0.86; 1.46]	29.0%	32.9%	
Fixed effect model	1.21	[1.04; 1.41]	--	100.0%	
Random effects model	1.21	[1.05; 1.41]	100.0%	--	
Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0.75$					
Test for effect in subgroup (fixed effect): $z = 2.53$ ($p = 0.01$)					
Test for effect in subgroup (random effects): $t_{14} = 3.63$ ($p = 0.02$)					
GC					
Cîmpeanu, 2017	1.13	[0.65; 1.97]	6.8%	4.3%	
Gu, 2016	1.10	[0.67; 1.80]	8.1%	5.6%	
Jiang, 2016	1.10	[0.90; 1.35]	22.1%	32.1%	
Su, 2016	1.26	[0.71; 2.25]	6.4%	3.8%	
Dikeakos, 2014	0.68	[0.48; 0.97]	12.7%	13.6%	
Pu, 2014	1.24	[0.85; 1.80]	12.1%	9.4%	
Ahn, 2012	1.13	[0.87; 1.47]	18.2%	19.9%	
Mw Zhang–b, 2012	1.26	[0.90; 1.77]	13.7%	11.1%	
Fixed effect model	1.09	[0.97; 1.22]	--	100.0%	
Random effects model	1.09	[0.93; 1.28]	100.0%	--	
Heterogeneity: $I^2 = 14\%$, $\tau^2 = 0.0051$, $p = 0.32$					
Test for effect in subgroup (fixed effect): $z = 1.42$ ($p = 0.16$)					
Test for effect in subgroup (random effects): $t_{14} = 1.25$ ($p = 0.25$)					
LC					
Li, 2016	1.04	[0.80; 1.35]	39.2%	28.9%	
Vinci, 2011	2.02	[0.89; 4.57]	7.5%	2.1%	
Tian, 2009	0.94	[0.79; 1.11]	53.3%	69.0%	
Fixed effect model	0.99	[0.86; 1.14]	--	100.0%	
Random effects model	1.03	[0.57; 1.84]	100.0%	--	
Heterogeneity: $I^2 = 42\%$, $\tau^2 = 0.0168$, $p = 0.18$					
Test for effect in subgroup (fixed effect): $z = -0.16$ ($p = 0.87$)					
Test for effect in subgroup (random effects): $t_{14} = 0.21$ ($p = 0.86$)					
BC					
He, 2015	1.29	[1.00; 1.68]	33.1%	35.8%	
Zhang, 2012	1.43	[0.99; 2.06]	22.9%	17.7%	
Kontorovich, 2010	0.67	[0.40; 1.13]	13.7%	12.5%	
Hu, 2009	0.99	[0.74; 1.32]	30.2%	34.1%	
Fixed effect model	1.14	[0.97; 1.34]	--	100.0%	
Random effects model	1.10	[0.68; 1.78]	100.0%	--	
Heterogeneity: $I^2 = 59\%$, $\tau^2 = 0.0420$, $p = 0.06$					
Test for effect in subgroup (fixed effect): $z = 1.56$ ($p = 0.12$)					
Test for effect in subgroup (random effects): $t_{14} = 0.65$ ($p = 0.56$)					
HCC					
Liu, 2015	1.39	[0.86; 2.25]	7.9%	5.0%	
Pratedrat, 2015	0.92	[0.52; 1.65]	5.9%	4.2%	
Yan, 2015	0.86	[0.60; 1.23]	12.1%	11.6%	
Chu, 2014	1.05	[0.70; 1.57]	10.2%	8.1%	
Kou, 2014	0.88	[0.57; 1.35]	9.3%	7.9%	
Liu, 2014	0.64	[0.47; 0.89]	13.6%	16.2%	
Wang, 2014	0.96	[0.78; 1.18]	20.9%	33.3%	
Wang, 2014	1.33	[0.90; 1.98]	10.5%	7.4%	
Kim, 2012	1.48	[0.97; 2.24]	9.7%	6.3%	
Fixed effect model	0.98	[0.87; 1.10]	--	100.0%	
Random effects model	1.00	[0.81; 1.23]	100.0%	--	
Heterogeneity: $I^2 = 49\%$, $\tau^2 = 0.0327$, $p = 0.05$					
Test for effect in subgroup (fixed effect): $z = -0.38$ ($p = 0.70$)					
Test for effect in subgroup (random effects): $t_{14} = 0.01$ ($p = 0.99$)					



