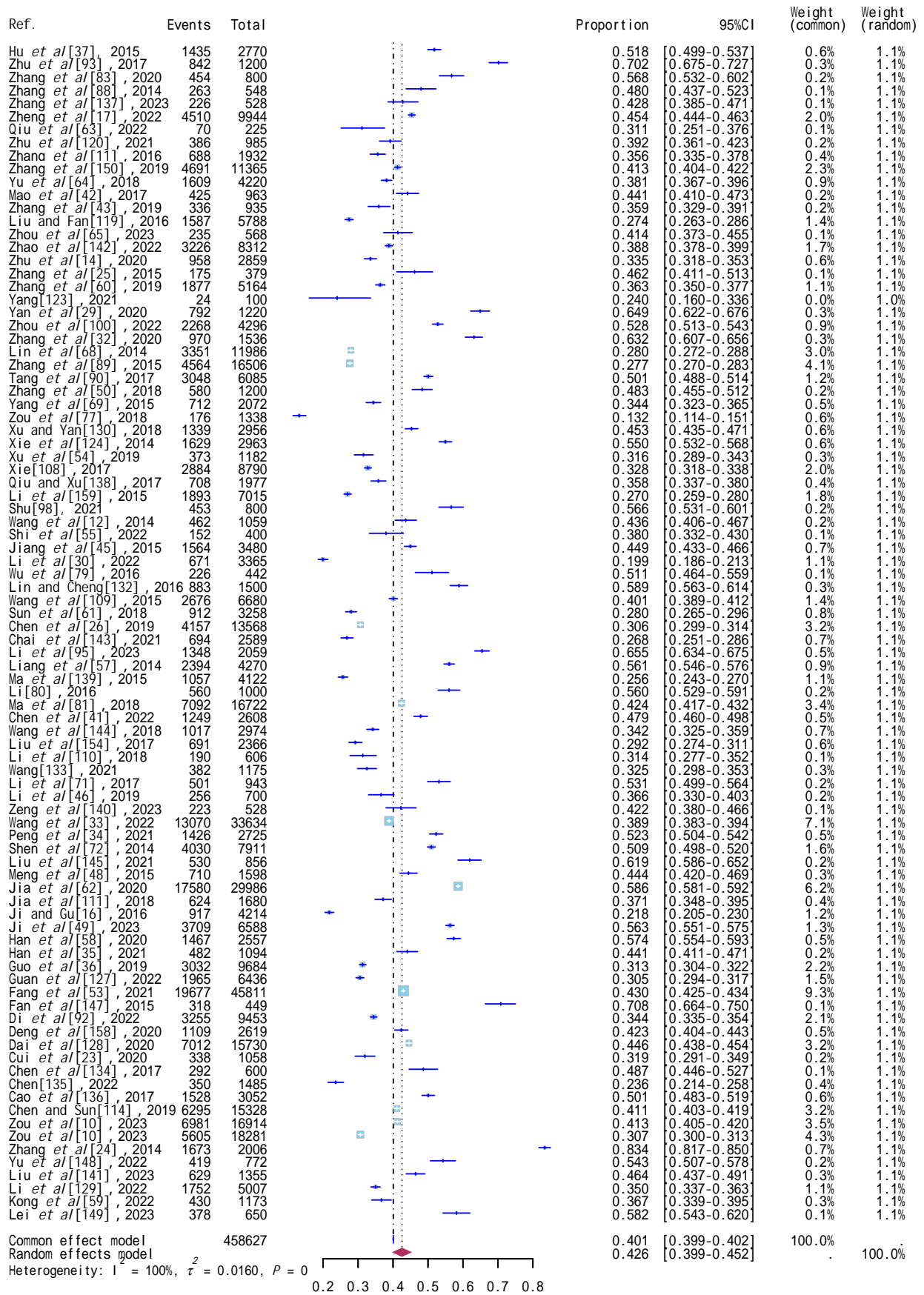
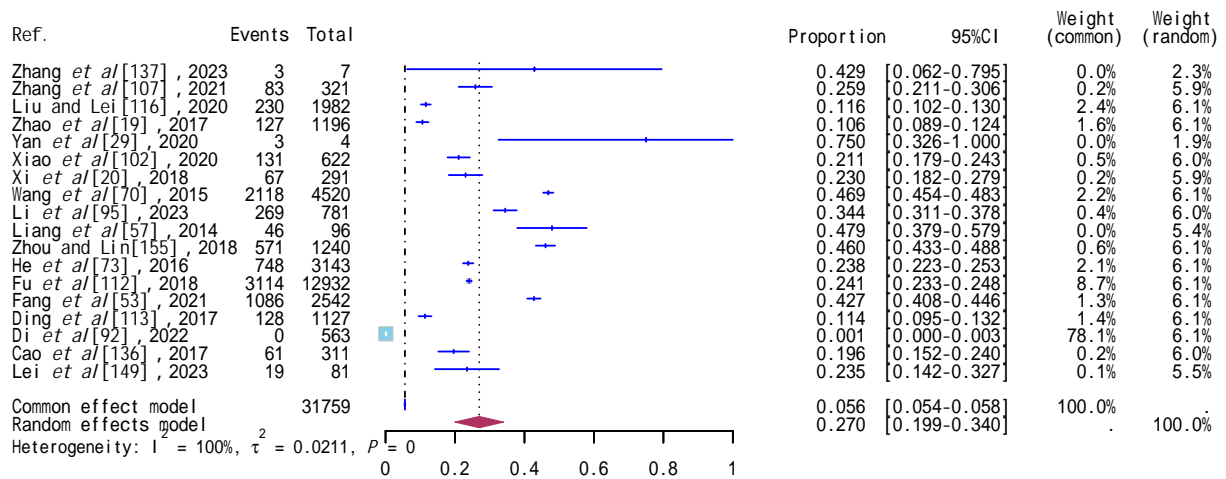


Supplementary Figure 3 Pooled Prevalence of *helicobacter pylori* Infection by geographical regions. A: Pooled prevalence of *helicobacter pylori* (*H. pylori*) in North East; B: Pooled prevalence of *H. pylori* in North China; C: Pooled prevalence of *H. pylori* in East China; D: Pooled prevalence of *H. pylori* in Northwest China; E: Pooled prevalence of *H. pylori* in Southwest China; F: Pooled prevalence of *H. pylori* in South China; G: Pooled prevalence of *H. pylori* in Central China.

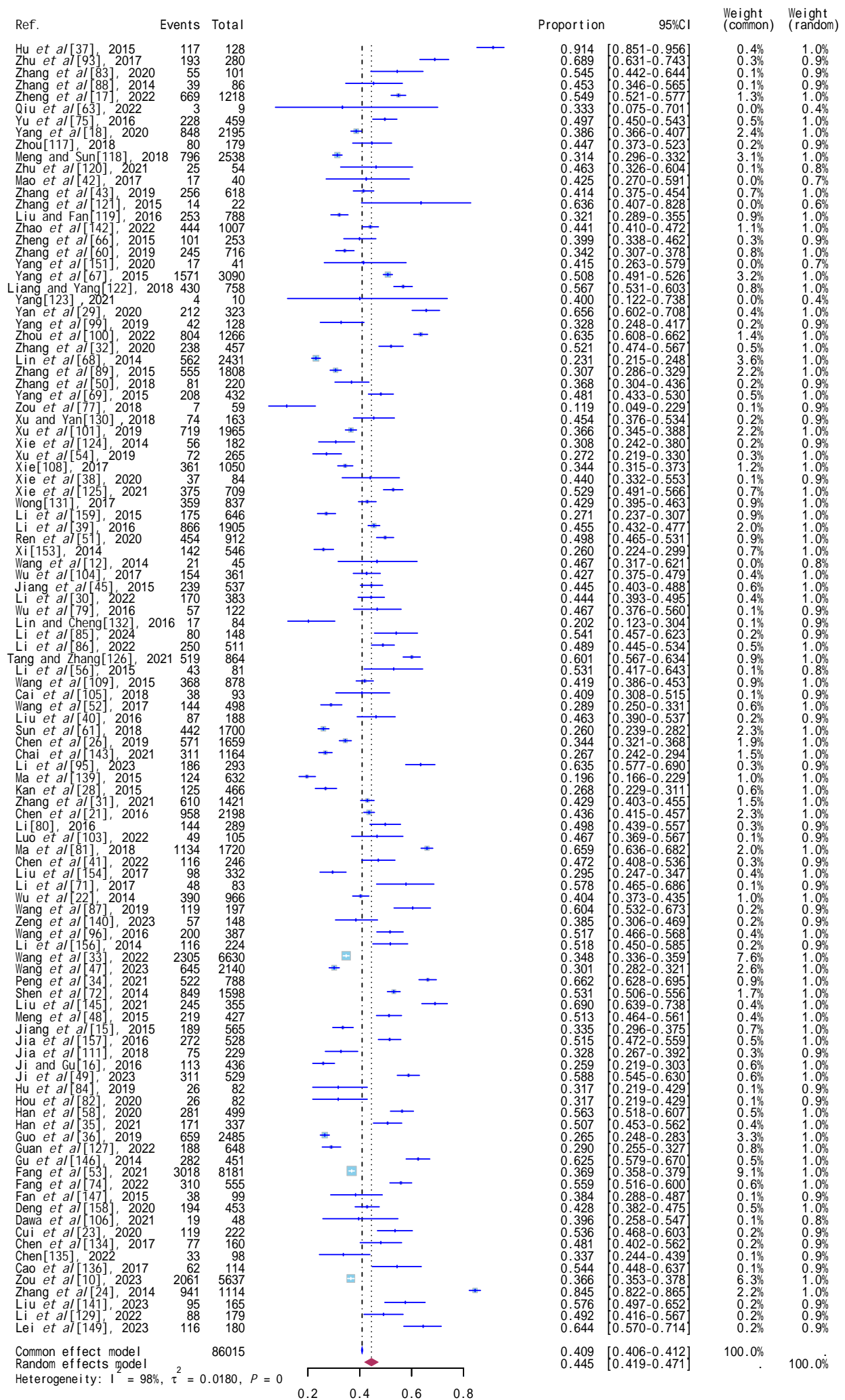
A



B

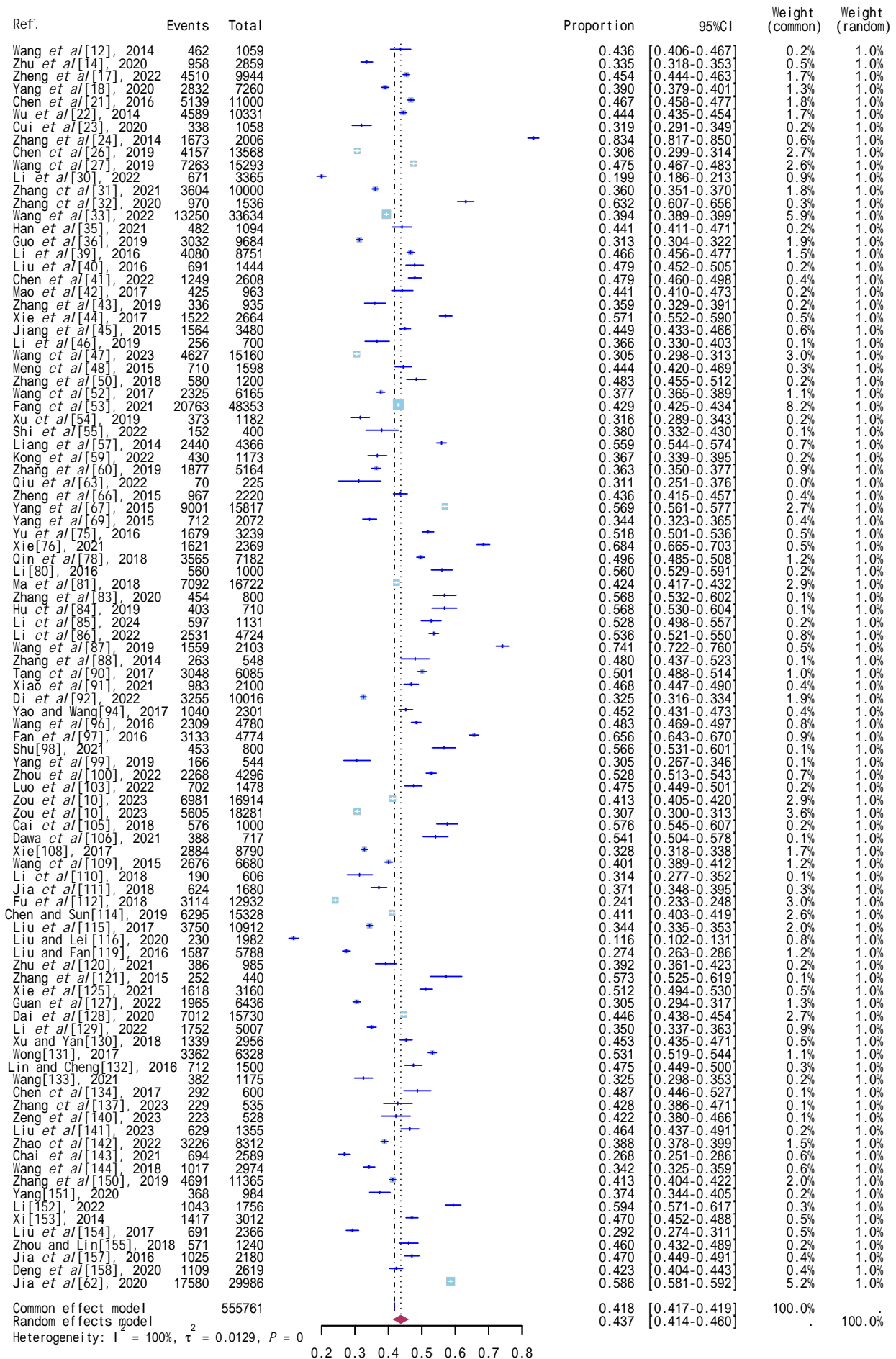


Supplementary Figure 5 Pooled prevalence of *helicobacter pylori* infection in minors and adults. A: Pooled prevalence of *helicobacter pylori* (*H. pylori*) infection in adults; B: Pooled prevalence of *H. pylori* infection in minors.

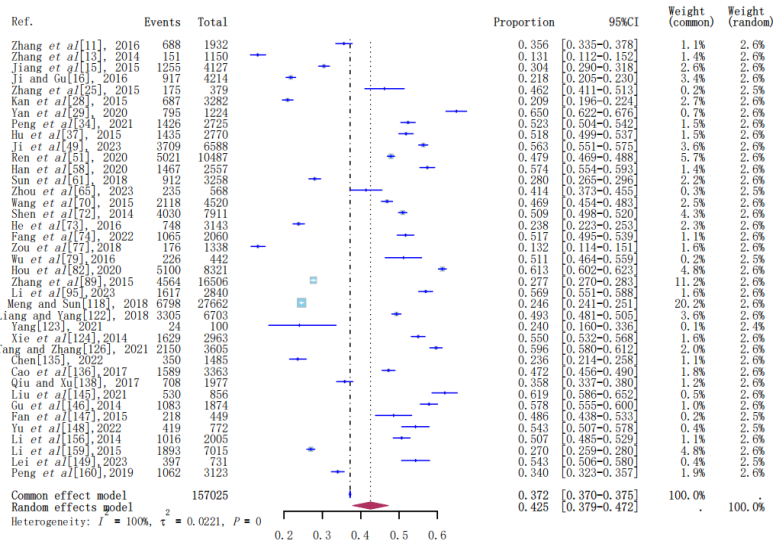


Supplementary Figure 6 Pooled prevalence of *helicobacter pylori* infection in the elderly (> 60 years).

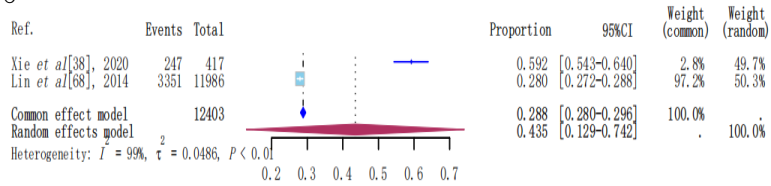
A



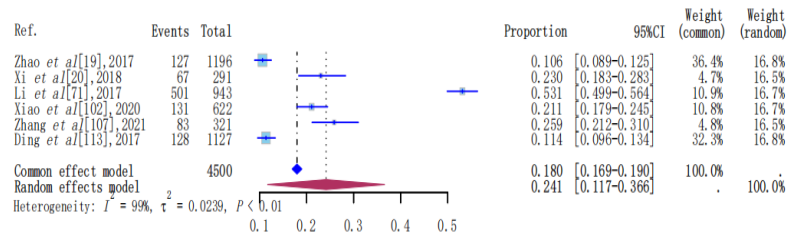
B



C

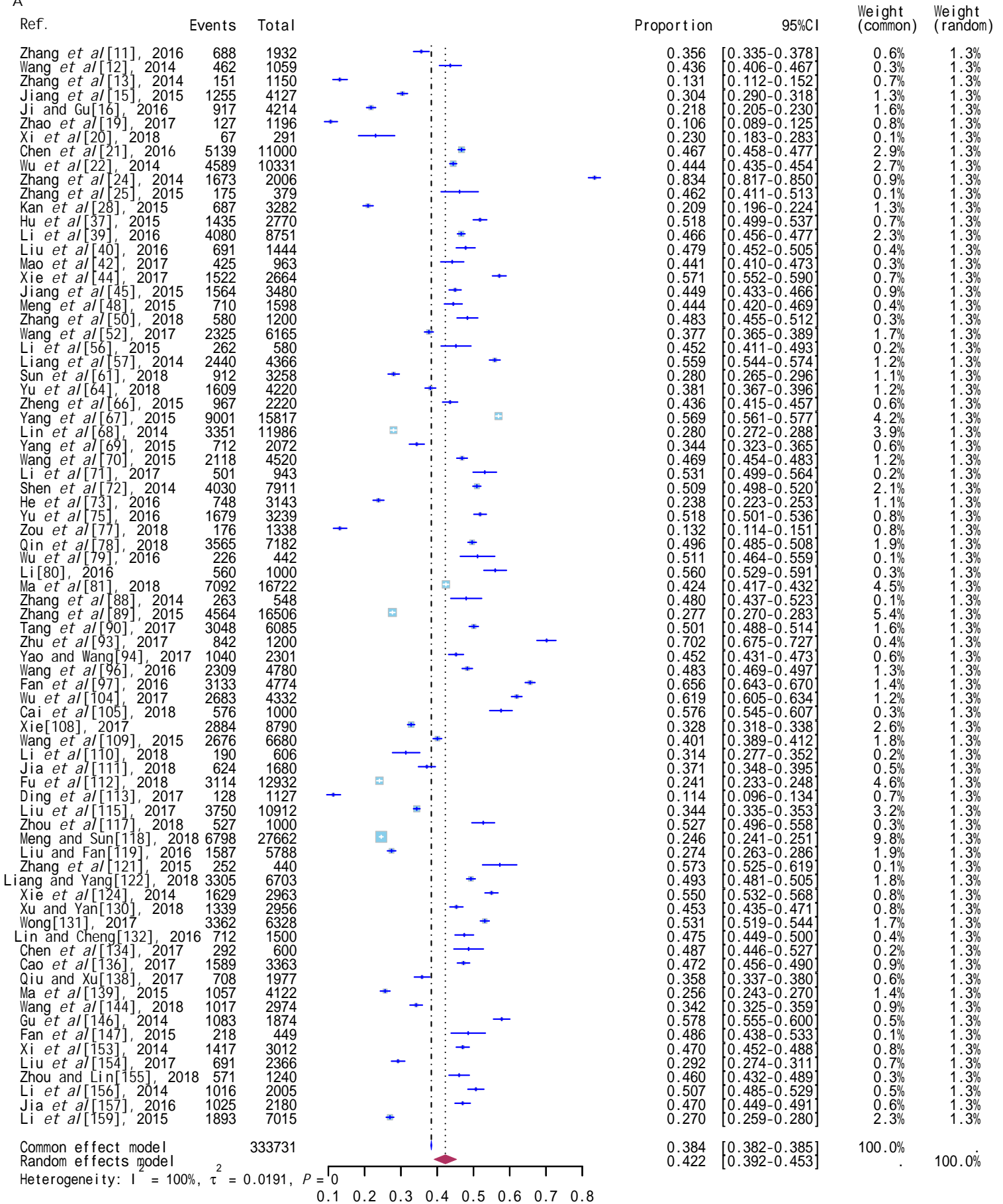


D

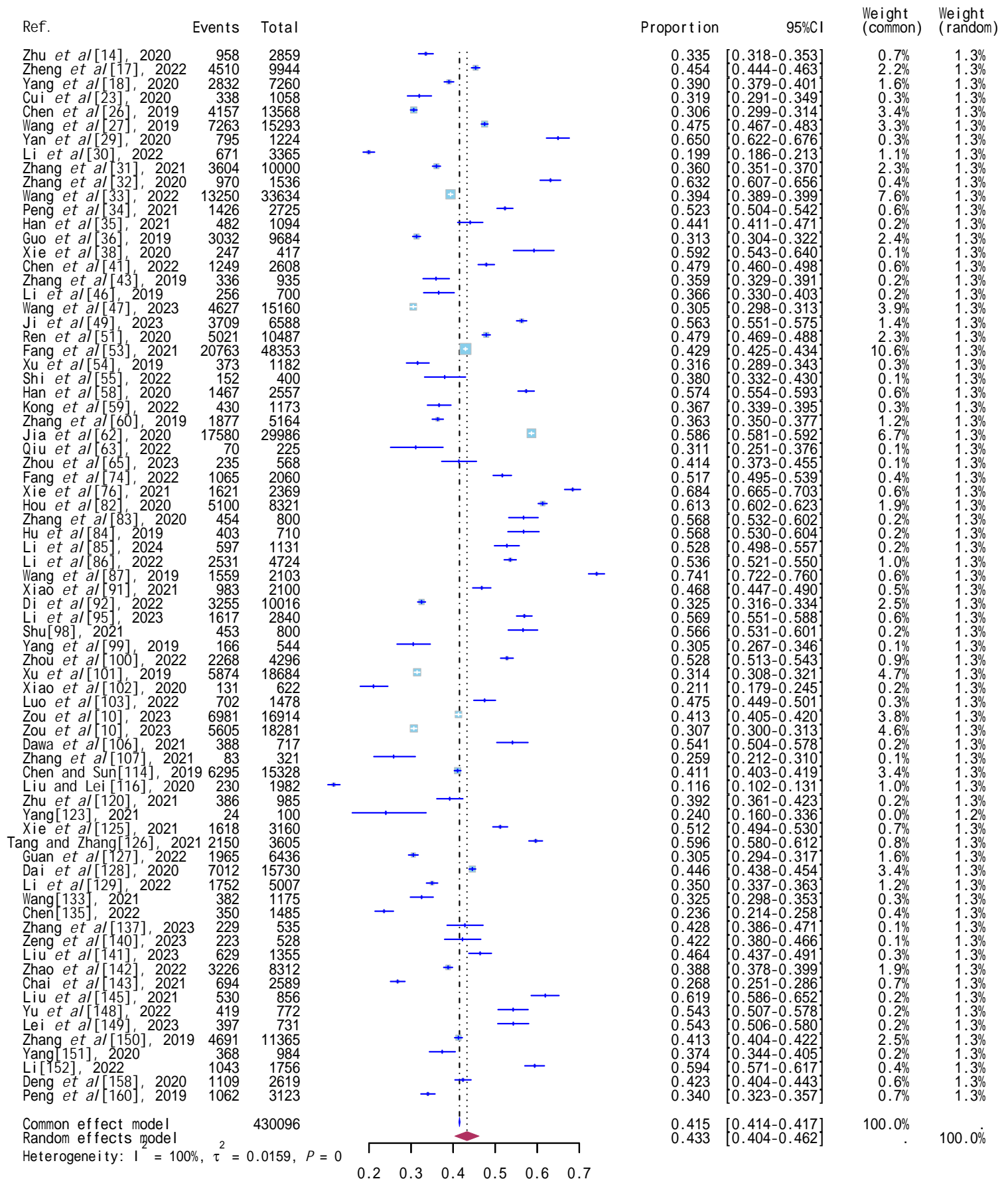


Supplementary Figure7 Pooled prevalence of *helicobacter pylori* infection by detection method. A: Pooled prevalence of *helicobacter pylori* (*H. pylori*) infection by UBT; B: Pooled prevalence of *H. pylori* infection by Serology; C: Pooled prevalence of *H. pylori* infection by Rapid Urease Test; D: Pooled prevalence of *H. pylori* infection by Stool antigen.

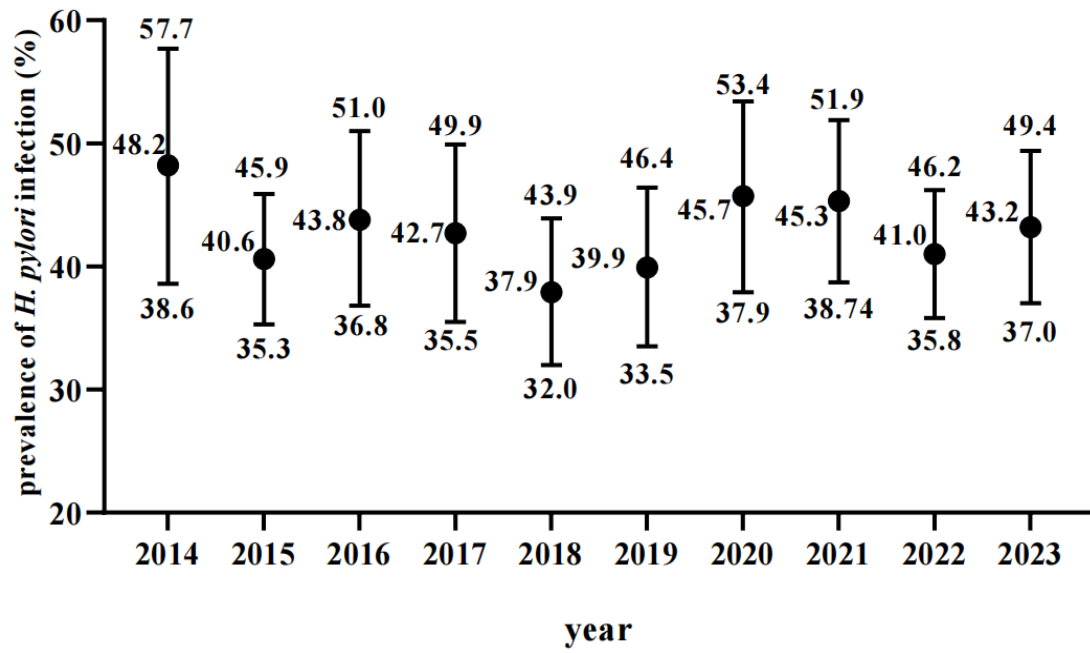
A



B

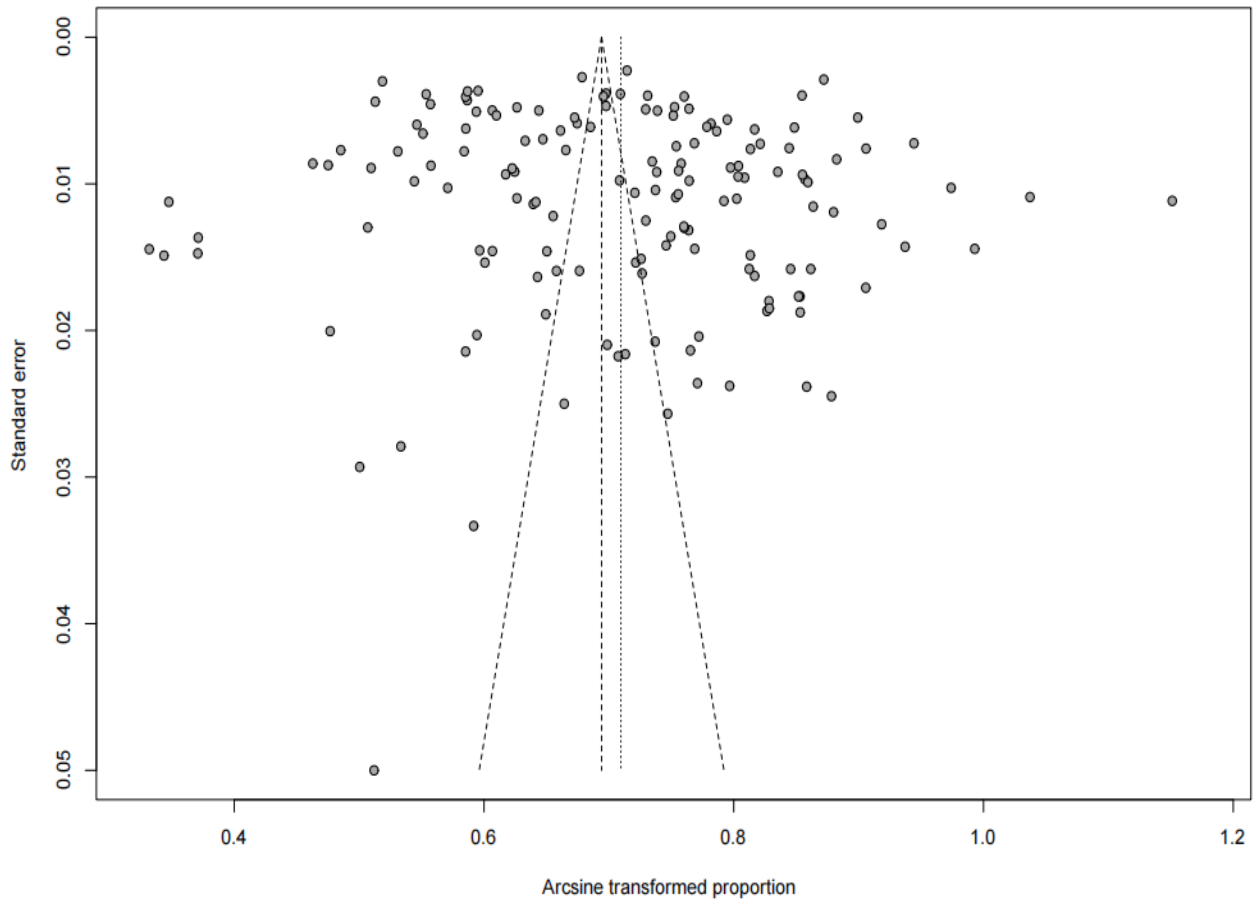


Supplementary Figure 8 Pooled Prevalence of *helicobacter pylori* Infection by publication year. A: Pooled prevalence of *helicobacter pylori* (*H. pylori*) infection in the published literature, 2014-2018; B: Pooled prevalence of *H. pylori* infection in the published literature, 2019-2024.

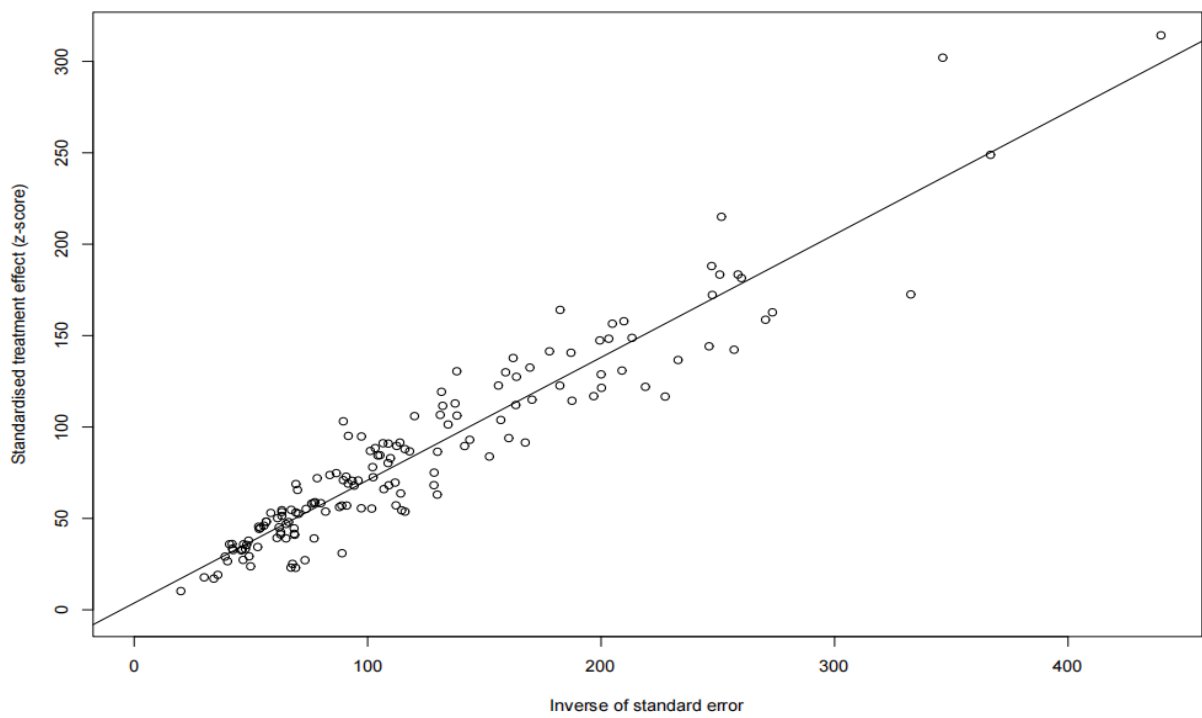


Supplementary Figure 9 Prevalence of *helicobacter pylori* Infection over time, *H. pylori*: *Helicobacter pylori*.

Ref.	Proportion	95%CI	P-value	Tau ²	Tau	I ²
Omitting Zhang <i>et al</i> [11], 2016	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Wang <i>et al</i> [12], 2014	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zhang <i>et al</i> [13], 2014	0.43	[0.41-0.45]		0.0170	0.1303	100%
Omitting Zhu <i>et al</i> [14], 2020	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Jiang <i>et al</i> [15], 2015	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Ji and Gu[16], 2016	0.43	[0.41-0.45]		0.0173	0.1314	100%
Omitting Zheng <i>et al</i> [17], 2022	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Yang <i>et al</i> [18], 2020	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zhao <i>et al</i> [19], 2017	0.43	[0.41-0.45]		0.0169	0.1299	100%
Omitting Xi <i>et al</i> [20], 2018	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Chen <i>et al</i> [21], 2016	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Yu <i>et al</i> [22], 2014	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Cui <i>et al</i> [23], 2020	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Zhang <i>et al</i> [24], 2014	0.42	[0.40-0.45]		0.0164	0.1282	100%
Omitting Zhang <i>et al</i> [25], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Chen <i>et al</i> [26], 2019	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Wang <i>et al</i> [27], 2019	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Kan <i>et al</i> [28], 2015	0.43	[0.41-0.45]		0.0172	0.1313	100%
Omitting Yan <i>et al</i> [29], 2020	0.43	[0.41-0.45]		0.0172	0.1313	100%
Omitting Li <i>et al</i> [30], 2022	0.43	[0.41-0.45]		0.0172	0.1312	100%
Omitting Zhang <i>et al</i> [31], 2021	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Zhang <i>et al</i> [32], 2020	0.43	[0.41-0.45]		0.0173	0.1315	100%
Omitting Wang <i>et al</i> [33], 2022	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Peng <i>et al</i> [34], 2021	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Han <i>et al</i> [35], 2021	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Guo <i>et al</i> [36], 2019	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Hu <i>et al</i> [37], 2015	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Xie <i>et al</i> [38], 2020	0.43	[0.41-0.45]		0.0174	0.1319	100%
Omitting Li <i>et al</i> [39], 2016	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Liu <i>et al</i> [40], 2016	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Chen <i>et al</i> [41], 2022	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Mao <i>et al</i> [42], 2017	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zhang <i>et al</i> [43], 2019	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Xie <i>et al</i> [44], 2017	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Jiang <i>et al</i> [45], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Li <i>et al</i> [46], 2019	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Wang <i>et al</i> [47], 2023	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Hong <i>et al</i> [48], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Ji <i>et al</i> [49], 2023	0.43	[0.41-0.45]		0.0174	0.1321	100%
Omitting Zhang <i>et al</i> [50], 2018	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Ren <i>et al</i> [51], 2020	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Wang <i>et al</i> [52], 2017	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Fang <i>et al</i> [53], 2021	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Xu <i>et al</i> [54], 2019	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Shi <i>et al</i> [55], 2022	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Li <i>et al</i> [56], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Liang <i>et al</i> [57], 2014	0.43	[0.41-0.45]		0.0174	0.1321	100%
Omitting Han <i>et al</i> [58], 2020	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Kong <i>et al</i> [59], 2022	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Zhang <i>et al</i> [60], 2019	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Sun <i>et al</i> [61], 2019	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Jia <i>et al</i> [62], 2020	0.43	[0.41-0.45]		0.0174	0.1319	100%
Omitting Qiu <i>et al</i> [63], 2022	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Yu <i>et al</i> [64], 2018	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Zhou <i>et al</i> [65], 2023	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zheng <i>et al</i> [66], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Yang <i>et al</i> [67], 2015	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Lin <i>et al</i> [68], 2014	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Yang <i>et al</i> [69], 2015	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Wang <i>et al</i> [70], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Li <i>et al</i> [71], 2017	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Shen <i>et al</i> [72], 2014	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting He <i>et al</i> [73], 2016	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Fang <i>et al</i> [74], 2022	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Yu <i>et al</i> [75], 2016	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Xie[76], 2021	0.43	[0.41-0.45]		0.0171	0.1308	100%
Omitting Zou <i>et al</i> [77], 2018	0.43	[0.41-0.45]		0.0170	0.1303	100%
Omitting Qin <i>et al</i> [78], 2018	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Liu <i>et al</i> [79], 2016	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Li [80], 2016	0.43	[0.41-0.45]		0.0174	0.1321	100%
Omitting Ma <i>et al</i> [81], 2018	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Hou <i>et al</i> [82], 2020	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Zhang <i>et al</i> [83], 2020	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Hu <i>et al</i> [84], 2019	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Li <i>et al</i> [85], 2024	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Li <i>et al</i> [86], 2022	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Wang <i>et al</i> [87], 2019	0.43	[0.41-0.45]		0.0169	0.1300	100%
Omitting Zhang <i>et al</i> [88], 2014	0.43	[0.40-0.45]		0.0175	0.1324	100%
Omitting Zhang <i>et al</i> [89], 2015	0.43	[0.41-0.45]		0.0174	0.1319	100%
Omitting Tang <i>et al</i> [90], 2017	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Xiao <i>et al</i> [91], 2021	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Di <i>et al</i> [92], 2022	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Zhu <i>et al</i> [93], 2017	0.43	[0.41-0.45]		0.0171	0.1306	100%
Omitting Yao and Wang[94], 2017	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Li <i>et al</i> [95], 2023	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Wang <i>et al</i> [96], 2016	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Fan <i>et al</i> [97], 2016	0.43	[0.41-0.45]		0.0172	0.1312	100%
Omitting Shu[98], 2021	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Yang <i>et al</i> [99], 2019	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Zhou <i>et al</i> [100], 2022	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Xu <i>et al</i> [101], 2019	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Xiao <i>et al</i> [102], 2020	0.43	[0.41-0.45]		0.0172	0.1313	100%
Omitting Luo <i>et al</i> [103], 2022	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Zou <i>et al</i> [10], 2023	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zou <i>et al</i> [10], 2023	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Liu <i>et al</i> [104], 2017	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Cai <i>et al</i> [105], 2018	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Dawa <i>et al</i> [106], 2021	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Zhang <i>et al</i> [107], 2021	0.43	[0.41-0.45]		0.0174	0.1318	100%
Omitting Xie[108], 2017	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Wang <i>et al</i> [109], 2015	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Li <i>et al</i> [110], 2018	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Jia <i>et al</i> [111], 2018	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Fu <i>et al</i> [112], 2018	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Ding <i>et al</i> [113], 2017	0.43	[0.41-0.45]		0.0169	0.1300	100%
Omitting Chen and Sun[114], 2019	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Liu <i>et al</i> [115], 2017	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Liu and Lei[116], 2020	0.43	[0.41-0.45]		0.0169	0.1300	100%
Omitting Zhou[117], 2018	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Hong and Sun[118], 2018	0.43	[0.41-0.45]		0.0173	0.1317	100%
Omitting Liu and Fan[119], 2016	0.43	[0.41-0.45]		0.0174	0.1319	100%
Omitting Zhu <i>et al</i> [120], 2021	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zhang <i>et al</i> [121], 2015	0.43	[0.41-0.45]		0.0174	0.1320	100%
Omitting Liang and Yang[122], 2018	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Yang[123], 2021	0.43	[0.41-0.45]		0.0174	0.1317	100%
Omitting Xie <i>et al</i> [124], 2014	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Xie <i>et al</i> [125], 2021	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Tang and Zhang[126], 2021	0.43	[0.41-0.45]		0.0174	0.1318	100%
Omitting Guan <i>et al</i> [127], 2022	0.43	[0.41-0.45]		0.0175	0.1321	100%
Omitting Dai <i>et al</i> [128], 2020	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Li <i>et al</i> [129], 2022	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Xu and Yan[130], 2018	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Hong[131], 2017	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Lin and Cheng[132], 2016	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Wang[133], 2021	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Chen <i>et al</i> [134], 2017	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Chen[135], 2022	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Cao <i>et al</i> [136], 2017	0.43	[0.41-0.45]		0.0175	0.1325	100%
Omitting Zhang <i>et al</i> [137], 2023	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Qiu and Wu[138], 2017	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Ma <i>et al</i> [139], 2015	0.43	[0.41-0.45]		0.0174	0.1318	100%
Omitting Zeng <i>et al</i> [140], 2023	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Liu <i>et al</i> [141], 2023	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Zhao <i>et al</i> [142], 2022	0.43	[0.41-0.45]		0.0176	0.1325	100%
Omitting Chai <i>et al</i> [143], 2021	0.43	[0.41-0.45]		0.0174	0.1319	100%
Omitting Wang <i>et al</i> [144], 2018	0.43	[0.41-0.45]		0.0175	0.1323	100%
Omitting Liu <i>et al</i> [145], 2021	0.43	[0.41-0.45]		0.0173	0.1316	100%
Omitting Su <i>et al</i> [146], 2014	0.43	[0.41-0.45]		0.0174	0.1319	100%
Omitting Fan <i>et al</i> [147], 2015	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Yu <i>et al</i> [148], 2022	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Lei <i>et al</i> [149], 2023	0.43	[0.41-0.45]		0.0175	0.1322	100%
Omitting Zhang <i>et al</i> [150], 2019	0.43	[0.40-0.45]		0.0176	0.1325	100%
Omitting Yang[151], 2020	0.43	[0.41-0.45]		0.0175	0.1324	100%
Omitting Li[152], 2022						



Supplementary Figure 11 Funnel plot of publication bias.



Supplementary Figure 12 AS-Thompson test for publication bias.

Supplementary Table 1 Search strategy for Chinese and English databases

Databases	Search formula
China	1 (SU = "幽门螺杆菌" OR "幽门弯杆菌" OR "幽门螺旋杆菌")
National Knowledge Infrastructure	2 (SU = "感染率" OR "阳性率" OR "流行率" OR "发生率" OR "流行病学")
WanFang	3 发表时间: 2014 - 2024
Cqvip	4, 1 AND 2 AND 3
PubMed	((主题:(幽门螺旋杆菌 or 幽门螺杆菌 or 幽门弯杆菌) and (题名或关键词:(感染率 or 阳性率 or 发生率 or 流行率) or 主题:(流行病学)) and 发表时间: 2014-2024
	((题名或关键词 = 幽门螺杆菌 OR 题名或关键词 = 幽门螺旋菌) OR 题名或关键词 = 幽门螺旋杆菌) OR 题名或关键词 = 螺旋菌) AND (((题名或关键词 = 感染率 OR 题名或关键词 = 阳性率) OR 题名或关键词 = 发生率) OR 题名或关键词 = 流行率) OR 题名或关键词 = 流行病学)) AND (years: [2014 TO 2024])
	1 ("Helicobacter pylori" [MeSH Terms] OR ("Campylobacter pylori" [Title/Abstract] OR "HP" [Title/Abstract] OR "H. pylori" [Title/Abstract]))
	2 ("prevalence" [MeSH Terms] OR "infection" [Title/Abstract])
	3 ("China" [MeSH Terms] OR "China" [All Fields] OR "China's" [All Fields] OR "Chinas" [All Fields])
	4 humans [Filter]
	5 2014/01/01:2024/01/01[Date - Publication]

6, 1 AND 2 AND 3 AND 4 AND 5

EMBASE 1 China:ti,ab,kw OR Chinese:ti,ab,kw
2 'Helicobacter pylori':ti,ab,kw OR 'Campylobacter pylori':ti,ab,kw OR H. pylori:ti,ab,kw OR HP:ti,ab,kw
3 Infection:ti,ab,kw OR Prevalence:ti,ab,kw
4, 1 AND 2 AND 3 AND [01-01-2014]/sd NOT [01-01-2024]/sd

Cochrane library 1 ("Helicobacter pylori infection"):ti,ab,kw OR ("Campylobacter pylori"):ti,ab,kw OR ("H. pylori"):ti,ab,kw (Word variations have been searched), with Cochrane library publication date from Jan 2014 to Dec 2023, in Trials (Word variations have been searched)
2 ("Prevalence"):ti,ab,kw OR ("Infection"):ti,ab,kw
3 ("China") OR ("Chinese")
4, 1 AND 2 AND 3

H. pylori: Helicobacter pylori.

Supplementary Table 2 Quality evaluation of the included studies

Ref.	Year	Study design	Sampling frame	Sample size	Measures	Unbiased assessors	Response rate	Confidence interval	Similarity	Total
Zhang <i>et al</i> [11]	2016	0	0	1	1	1	1	0	1	5
Wang <i>et al</i> [12]	2014	0	0	1	1	1	1	0	1	5

Zhang <i>et al</i> [13]	2014	1	0	1	1	1	1	1	1	7
Zhu <i>et al</i> [14]	2020	0	0	1	1	1	1	0	1	5
Jiang <i>et al</i> [15]	2015	0	0	1	1	1	1	0	1	5
Ji and Gu[16]	2016	0	0	1	1	1	1	0	1	5
Zheng <i>et al</i> [17]	2022	0	0	1	1	1	1	0	1	5
Yang <i>et al</i> [18]	2020	0	0	1	1	1	1	0	0	4
Zhao <i>et al</i> [19]	2017	1	0	1	1	1	1	1	1	7
Xi <i>et al</i> [20]	2018	0	0	1	1	1	1	1	1	6
Chen <i>et al</i> [21]	2016	0	0	1	1	1	1	0	1	5
Wu <i>et al</i> [22]	2014	0	0	1	1	1	1	0	1	5
Cui <i>et al</i> [23]	2020	1	0	1	1	1	1	1	1	7
Zhang <i>et al</i> [24]	2014	1	0	1	1	1	1	0	1	6
Zhang <i>et al</i> [25]	2015	0	0	1	1	1	1	0	0	4
Chen <i>et al</i> [26]	2019	0	0	1	1	1	1	0	0	4
Wang <i>et al</i> [27]	2019	0	0	1	1	1	1	0	1	5
Kan <i>et al</i> [28]	2015	0	0	1	1	1	1	0	1	5
Yan <i>et al</i> [29]	2020	0	0	1	1	1	1	0	1	5

Li <i>et al</i> [30]	2022	0	0	1	1	1	1	0	0	4
Zhang <i>et al</i> [31]	2021	0	0	1	1	1	1	1	1	6
Zhang <i>et al</i> [32]	2020	1	0	1	1	1	1	1	1	7
Wang <i>et al</i> [33]	2022	0	0	1	1	1	1	0	1	5
Peng <i>et al</i> [34]	2021	0	0	1	1	1	1	0	0	4
Han <i>et al</i> [35]	2021	0	0	1	1	1	1	1	1	6
Guo <i>et al</i> [36]	2019	0	0	1	1	1	1	0	1	5
Hu <i>et al</i> [37]	2015	1	0	1	1	1	1	0	1	6
Xie <i>et al</i> [38]	2020	1	0	1	1	1	1	0	1	6
Li <i>et al</i> [39]	2016	0	0	1	1	1	1	0	0	4
Liu <i>et al</i> [40]	2016	0	0	1	1	1	1	1	1	6
Chen <i>et al</i> [41]	2022	0	0	1	1	1	1	0	1	5
Mao <i>et al</i> [42]	2017	0	0	1	1	1	1	0	1	5
Zhang <i>et al</i> [43]	2019	0	0	1	1	1	1	1	1	6
Xie <i>et al</i> [44]	2017	0	0	1	1	1	1	0	1	5
Jiang <i>et al</i> [45]	2015	0	0	1	1	1	1	0	1	5
Li <i>et al</i> [46]	2019	0	0	1	1	1	1	0	1	5

Wang <i>et al</i> [47]	2023	0	0	1	1	1	1	0	1	5
Meng <i>et al</i> [48]	2015	0	0	1	1	1	1	0	1	5
Ji <i>et al</i> [49]	2023	0	0	1	1	1	1	0	1	5
Zhang <i>et al</i> [50]	2018	0	0	1	1	1	1	0	1	5
Ren <i>et al</i> [51]	2020	0	0	1	1	1	1	0	1	5
Wang <i>et al</i> [52]	2017	0	0	1	1	1	1	0	1	5
Fang <i>et al</i> [53]	2021	1	0	1	1	1	1	0	1	6
Xu <i>et al</i> [54]	2019	0	0	1	1	1	1	0	1	5
Shi <i>et al</i> [55]	2022	0	0	1	1	1	1	0	1	5
Li <i>et al</i> [56]	2015	0	0	1	1	1	1	0	1	5
Liang <i>et al</i> [57]	2014	0	0	1	1	1	1	0	0	4
Han <i>et al</i> [58]	2020	0	0	1	1	1	1	0	1	5
Kong <i>et al</i> [59]	2022	0	0	1	1	1	1	1	1	6
Zhang <i>et al</i> [60]	2019	0	0	1	1	1	1	0	1	5
Sun <i>et al</i> [61]	2018	1	0	1	1	1	1	1	1	7
Jia <i>et al</i> [62]	2020	0	0	1	1	1	1	1	1	6
Qiu <i>et al</i> [63]	2022	1	0	0	1	1	1	1	1	6

Yu <i>et al</i> [64]	2018	0	0	1	1	1	1	0	1	5
Zhou <i>et al</i> [65]	2023	0	0	1	1	1	1	0	1	5
Zheng <i>et al</i> [66]	2015	0	0	1	1	1	1	0	1	5
Yang <i>et al</i> [67]	2015	0	0	1	1	1	1	0	1	5
Lin <i>et al</i> [68]	2014	0	0	1	1	1	1	0	1	5
Yang <i>et al</i> [69]	2015	0	0	1	1	1	1	0	1	5
Wang <i>et al</i> [70]	2015	1	0	1	1	1	1	0	1	6
Li <i>et al</i> [71]	2017	1	0	1	1	1	1	1	1	7
Shen <i>et al</i> [72]	2014	0	0	1	1	1	1	0	1	5
He <i>et al</i> [73]	2016	0	0	1	1	1	1	1	1	6
Fang <i>et al</i> [74]	2022	0	0	1	1	1	1	0	1	5
Yu <i>et al</i> [75]	2016	0	0	1	1	1	1	0	1	5
Xie[76]	2021	0	0	1	1	1	1	0	1	5
Zou <i>et al</i> [77]	2018	0	0	1	1	1	1	0	0	4
Qin <i>et al</i> [78]	2018	0	0	1	1	1	1	0	1	5
Wu <i>et al</i> [79]	2016	0	0	1	1	1	1	0	1	5
Li[80]	2016	0	0	1	1	1	1	0	1	5

Ma <i>et al</i> [81]	2018	0	0	1	1	1	1	0	0	4
Hou <i>et al</i> [82]	2020	0	0	1	1	1	1	0	1	5
Zhang <i>et al</i> [83]	2020	1	0	1	1	1	1	1	1	7
Hu <i>et al</i> [84]	2019	1	0	1	1	1	1	1	1	7
Li <i>et al</i> [85]	2024	0	0	1	1	1	1	1	1	6
Li <i>et al</i> [86]	2022	1	0	1	1	1	1	1	1	7
Wang <i>et al</i> [87]	2019	1	0	1	1	1	1	0	1	6
Zhang <i>et al</i> [88]	2014	0	0	1	1	1	1	0	1	5
Zhang <i>et al</i> [89]	2015	0	0	1	1	1	1	0	1	5
Tang <i>et al</i> [90]	2017	0	0	1	1	1	1	0	1	5
Xiao <i>et al</i> [91]	2021	0	0	1	1	1	1	1	1	6
Di <i>et al</i> [92]	2022	1	0	1	1	1	1	1	1	7
Zhu <i>et al</i> [93]	2017	1	0	1	1	1	1	0	1	6
Yao and Wang[94]	2017	0	0	1	1	1	1	0	1	5
Li <i>et al</i> [95]	2023	0	0	1	1	1	1	0	1	5
Wang <i>et al</i> [96]	2016	0	0	1	1	1	1	1	1	6
Fan <i>et al</i> [97]	2016	0	0	1	1	1	1	0	1	5

Shu[98]	2021	0	0	1	1	1	1	0	1	5
Yang <i>et al</i> [99]	2019	0	0	1	1	1	1	1	1	6
Zhou <i>et al</i> [100]	2022	1	0	1	1	1	1	0	1	6
Xu <i>et al</i> [101]	2019	1	0	1	1	1	1	1	1	7
Xiao <i>et al</i> [102]	2020	0	0	1	1	1	1	0	1	5
Luo <i>et al</i> [103]	2022	1	0	1	1	1	1	1	1	7
Zou <i>et al</i> [10]	2023	0	0	1	1	1	1	1	1	6
Wu <i>et al</i> [104]	2017	0	0	1	1	1	1	0	1	5
Cai <i>et al</i> [105]	2018	0	0	1	1	1	1	1	1	6
Dawa <i>et al</i> [106]	2021	0	0	1	1	1	1	0	1	5
Zhang <i>et al</i> [107]	2021	1	0	1	1	1	1	1	1	7
Xie[108]	2017	1	0	1	1	1	1	1	1	7
Wang <i>et al</i> [109]	2015	0	0	1	1	1	1	0	1	5
Li <i>et al</i> [110]	2018	0	0	1	1	1	1	0	1	5
Jia <i>et al</i> [111]	2018	1	0	1	1	1	1	0	1	6
Fu <i>et al</i> [112]	2018	0	0	1	1	1	1	0	1	5
Ding <i>et al</i> [113]	2017	1	0	1	1	1	1	0	1	6

Chen and Sun[114]	2019	0	0	1	1	1	1	0	1	5
Liu <i>et al</i> [115]	2017	0	0	1	1	1	1	0	1	5
Liu and Lei[116]	2020	0	0	1	1	1	1	1	1	6
Zhou[117]	2018	0	0	1	1	1	1	0	1	5
Meng and Sun[118]	2018	0	0	1	1	1	1	0	1	5
Liu and Fan[119]	2016	0	0	1	1	1	1	0	1	5
Zhu <i>et al</i> [120]	2021	0	0	1	1	1	1	0	1	5
Zhang <i>et al</i> [121]	2015	0	0	1	1	1	1	1	1	6
Liang and Yang[122]	2018	0	0	1	1	1	1	0	1	5
Yang[123]	2021	1	0	0	1	1	1	0	1	5
Xie <i>et al</i> [124]	2014	0	0	1	1	1	1	0	1	5
Xie <i>et al</i> [125]	2021	0	0	1	1	1	1	0	1	5
Tang and Zhang[126]	2021	0	0	1	1	1	1	0	1	5
Guan <i>et al</i> [127]	2022	0	0	1	1	1	1	0	1	5
Dai <i>et al</i> [128]	2020	0	0	1	1	1	1	0	1	5
Li <i>et al</i> [129]	2022	0	0	1	1	1	1	1	1	6
Xu and Yan[130]	2018	0	0	1	1	1	1	0	1	5

Wong[131]	2017	0	0	1	1	1	1	0	1	5
Lin and Cheng[132]	2016	0	0	1	1	1	1	0	1	5
Wang[133]	2021	0	0	1	1	1	1	0	1	5
Chen <i>et al</i> [134]	2017	0	0	1	1	1	1	0	1	5
Chen[135]	2022	0	0	1	1	1	1	0	1	5
Cao <i>et al</i> [136]	2017	1	0	1	1	1	1	1	1	7
Zhang <i>et al</i> [137]	2023	1	0	1	1	1	1	1	1	7
Qiu and Xu[138]	2017	0	0	1	1	1	1	0	1	5
Ma <i>et al</i> [139]	2015	0	0	1	1	1	1	0	1	5
Zeng <i>et al</i> [140]	2023	1	0	1	1	1	1	0	1	6
Liu <i>et al</i> [141]	2023	0	0	1	1	1	1	1	1	6
Zhao <i>et al</i> [142]	2022	0	0	1	1	1	1	0	1	5
Chai <i>et al</i> [143]	2021	0	0	1	1	1	1	1	1	6
Wang <i>et al</i> [144]	2018	0	0	1	1	1	1	0	1	5
Liu <i>et al</i> [145]	2021	0	0	1	1	1	1	0	1	5
Gu <i>et al</i> [146]	2014	1	0	1	1	1	1	0	1	6
Fan <i>et al</i> [147]	2015	0	0	1	1	1	1	0	1	5

Yu <i>et al</i> [148]	2022	0	0	1	1	1	1	0	1	5
Lei <i>et al</i> [149]	2023	1	0	1	1	1	1	1	1	7
Zhang <i>et al</i> [150]	2019	0	0	1	1	1	1	0	1	5
Yang[151]	2020	0	0	1	1	1	1	0	1	5
Li[152]	2022	0	0	1	1	1	1	0	1	5
Xi[153]	2014	0	0	1	1	1	1	0	1	5
Liu <i>et al</i> [154]	2017	0	0	1	1	1	1	0	1	5
Zhou and Lin[155]	2018	1	0	1	1	1	1	0	1	6
Li <i>et al</i> [156]	2014	0	0	1	1	1	1	0	1	5
Jia <i>et al</i> [157]	2016	1	0	1	1	1	1	1	1	7
Deng <i>et al</i> [158]	2020	0	0	1	1	1	1	0	1	5
Li <i>et al</i> [159]	2015	1	0	1	1	1	1	0	1	6
Peng <i>et al</i> [160]	2019	0	0	1	1	1	1	1	1	6
