Supplementary material

### Search mode and results

PubMed search results:123 in total

Search:(((UC)OR(ulcerative colitis))AND((tcm)OR (traditionalchinese medicine)OR (Chinese medicine))AND (mesalazine))Filtersfrom 2002-2022

CNKI search results: 158 in total

VIP search results:769 in total

WanFang search results:231 in total

SinoMed search results:219 in total

#### Search mode:

(Title: Ulcerative Colitis) AND (Title: Mesalazine) AND (Title: Clinical) AND (Full Text: Changyening OR Xileisan OR Shaoyao Tang OR Shenling Baizhu OR Baitou Weng Tang) AND Date:\*-2022

Cochrane library search results:32 in total

### Search mode:

"ulcerative colitis"or"uc"in Title Abstract Keyword AND"mesalazine"in Title AbstractKeywordAND "TCM"or "traditional Chinese medicine"or "Chinese medicine"in Title Abstract Keyword-(Word variations have been searched)

sci-hub search results:166 in total

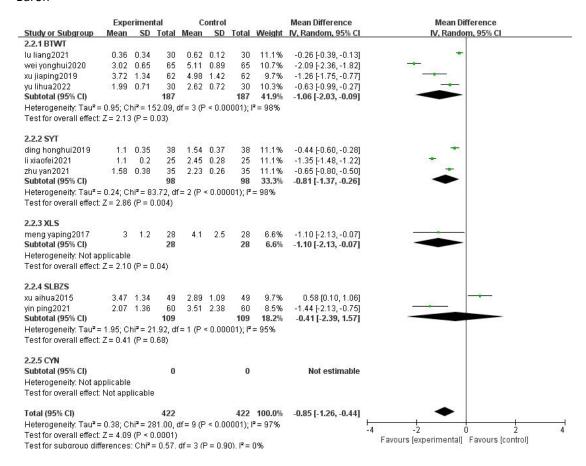
((ALL= (UC))OR ALL=(ulcerative colitis))AND
ALL=(mesalazine))AND(ALL=(tcm))OR ALL=(traditional Chinese medicine))OR ALL=(Chinese medicine)))ANDALL=(Baitouweng Decoction))OR ALL=(ShaoyaoDecoction ))OR ALL=(ShenlingBaizhu))OR ALL=(Xinlei Powder))OR ALL=(Changyanning)

# Heterogeneity

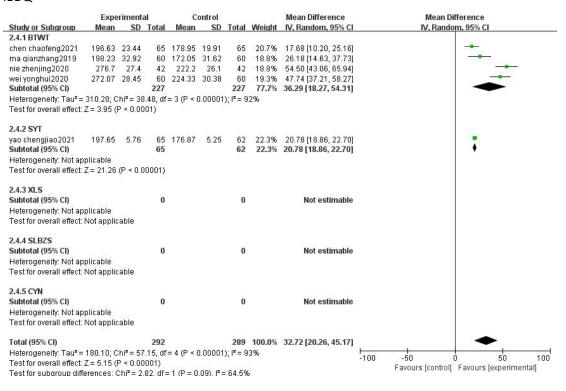
# Clinical efficacy

Study or Subgroup	Experime Events		Contr Events		Weight	Odds Ratio M-H, Fixed, 95% CI	Odds Ratio M-H, Fixed, 95% CI
2.1.1 BTWT	50	0.0	40	00	0.00	400 14 04 40 00	
chen chaofeng2021	56	60	46	60	2.0%	4.26 [1.31, 13.83]	
chen shuni2018	42	43	34	42	0.5%	9.88 [1.18, 82.95]	
dai ruwei2022	28	30	26	30	1.1%	2.15 [0.36, 12.76]	N N N N N N N N N N N N N N N N N N N
gu zhen2018	34	35	29	35	0.5%	7.03 [0.80, 61.87]	1/2 (200)
nan ting2018	30	32	23	32	0.9%	5.87 [1.16, 29.83]	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
ing xiuping2021	47	52	37	50	2.4%	3.30 [1.08, 10.10]	2 EA 28
in yan2018	36	40	31	40	2.0%	2.61 [0.73, 9.32]	2 <del>7   17   18   1</del> 8
iu jianhua2015	50	55	37	52	2.3%	4.05 [1.35, 12.15]	10 40 M
iu linghua2021	40	41	32	41	0.5%	11.25 [1.35, 93.50]	
u liang2021	27	30	22	30	1.4%	3.27 [0.77, 13.83]	W
ma qianzhang2019	38	42	31	42	1.9%	3.37 [0.98, 11.63]	W
ma yuexiang2020	64	70	51	70	2.9%	3.97 [1.48, 10.68]	
wang xiaoxing2019	31	34	28	34	1.6%	2.21 [0.51, 9.70]	20 <u>19 50 </u> 20
wei yonghui2020	60	65	54	65	2.7%	2.44 [0.80, 7.49]	10 min
kue lanhua2018	55	61	44	61	2.8%	3.54 [1.29, 9.74]	
ku jiaping2019	58	62	45	62	1.9%	5.48 [1.72, 17.42]	10 00 00 00 00 00 00 00 00 00 00 00 00 0
/u lihua2022	29	30	24	30	0.5%	7.25 [0.82, 64.46]	5 / 5
Subtotal (95% CI)		782		776	28.3%	3.93 [2.86, 5.40]	•
Total events	725		594			0 11 0	
Heterogeneity: Chi² = 5.11 Fest for overall effect: Z =	8, df = 16 (P		); I² = 0%				
2.1.2 SYT	102.00	100	222	99	100.00	NEWS NEWS 200700	
chen jianlin2018	34	36	29	36	1.1%	4.10 [0.79, 21.32]	V 28
chen lijian2014	36	39	31	39	1.6%	3.10 [0.76, 12.70]	50 0 20 20
ding honghui2019	36	38	30	38	1.0%	4.80 [0.95, 24.34]	4
ei xiaomei2016	33	35	28	35	1.1%	4.13 [0.79, 21.48]	9 80 80
i xiaofei2021	24	25	19	25	0.5%	7.58 [0.84, 68.46]	4
sheng rudan2017	43	48	39	48	2.7%	1.98 [0.61, 6.43]	
wang haolin2017	30	32	25	32	1.0%	4.20 [0.80, 22.06]	1, 3,
wang naoiin2017 wang wei2017	45	49	38	49	2.0%	3.26 [0.96, 11.07]	
yao chengjiao2021	59	65	40	62	2.5%	5.41 [2.01, 14.52]	100 9750 100
zhu yan2021	32	35	30	35	1.7%	1.78 [0.39, 8.09]	
Subtotal (95% CI)	20200	402	7000000	399	15.1%	3.64 [2.34, 5.65]	_
Total events	372	0.00	309				
Heterogeneity: Chi² = 3.1! Test for overall effect: Z =							
2.1.3 XLS							_
cai yi2022	35	38	26	38	1.4%	5.38 [1.38, 21.05]	Ø2 88 48
cheng hua2011	21	22	14	22	0.4%	12.00 [1.35, 106.80]	to to the second
iu weijun2015	29	30	23	26	0.5%	3.78 [0.37, 38.82]	S 0 0 0 0
ma guiping2016	24	26	16	20	0.9%	3.00 [0.49, 18.36]	
meng yaping2017	26	28	21	28	1.0%	4.33 [0.81, 23.10]	
wang shuangping2016	54	58	43	58	2.0%	4.71 [1.46, 15.23]	
		42					
ku xuequan2010	40		33	42	1.0%	5.45 [1.10, 27.02]	S 682 X
						0.50 44.05.00.701	
zhu yong2009	26	28	18	27	0.9%	6.50 [1.25, 33.70]	
zhu yong2009 Subtotal (95% CI)		28 <b>272</b>		27 261	0.9% <b>8.1</b> %	6.50 [1.25, 33.70] 5.19 [2.95, 9.13]	•
	26 255		18 194				•
<b>Subtotal (95% CI)</b> Fotal events Heterogeneity: Chi² = 1.14	255 4, df = 7 (P =	<b>272</b> : 0.99);	194 I²= 0%				•
Subtotal (95% CI) Fotal events	255 4, df = 7 (P =	<b>272</b> : 0.99);	194 I²= 0%				•
Subtotal (95% CI) Fotal events Heterogeneity: Chi <sup>2</sup> = 1.1- Fest for overall effect: Z = 2.1.4 SLBZS	255 4, df = 7 (P = 5.70 (P < 0.0	<b>272</b> = 0.99); 00001)	194 I <sup>z</sup> = 0%	261	8.1%	5.19 [2.95, 9.13]	
Subtotal (95% CI) Fotal events Heterogeneity: Chi <sup>z</sup> = 1.14 Fest for overall effect: Z =	255 4, df = 7 (P = 5.70 (P < 0.0	<b>272</b> = 0.99); 00001) 40	194 I² = 0%	<b>261</b>	8.1% 2.0%		•
Subtotal (95% CI) Fotal events Heterogeneity: Chi <sup>2</sup> = 1.1- Fest for overall effect: Z = 2.1.4 SLBZS	255 4, df = 7 (P = 5.70 (P < 0.0	<b>272</b> = 0.99); 00001)	194 I <sup>z</sup> = 0%	261	8.1%	5.19 [2.95, 9.13]	
Subtotal (95% CI) Fotal events Heterogeneity: Chi <sup>2</sup> = 1.1 Fest for overall effect: Z = 2.1.4 SLBZS Chen gang2013	255 4, df = 7 (P = 5.70 (P < 0.0	<b>272</b> = 0.99); 00001) 40	194 I² = 0%	<b>261</b>	8.1% 2.0%	<b>5.19</b> [ <b>2.95</b> , <b>9.13</b> ] 2.61 [0.73, 9.32]	
Subtotal (95% CI) Total events Heterogeneity: Chi <sup>2</sup> = 1.1. Test for overall effect: Z = 2.1.4 SLBZS chen gang2013 chen guozhen2013 iang xiang2020	255 4, df = 7 (P = 5.70 (P < 0.0 36 42	<b>272</b> = 0.99); 00001) 40 48	194  2 = 0% 31 33 43	40 48 61	2.0% 2.7% 3.7%	5.19 [2.95, 9.13] 2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99]	
Subtotal (95% CI) Total events Heterogeneity, Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Lang xiang2020 Li kul2015	255 4, df = 7 (P = 5.70 (P < 0.0 36 42 53 32	272 = 0.99); 00001) 40 48 61 36	194  = 0% 31 33 43 30	40 48 61 37	2.0% 2.7% 3.7% 2.2%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03]	
Subtotal (95% CI) Total events -leterogeneity. Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS -then gang2013 -then guozhen2013 -then guozhen2013 -then guozhen2016 -the till till till till till till till til	255 4, df = 7 (P = 5.70 (P < 0.0 36 42 53 32 40	272 = 0.99); 00001) 40 48 61 36 45	194 I <sup>2</sup> = 0% 31 33 43 30 32	40 48 61 37 45	2.0% 2.7% 3.7% 2.2% 2.3%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07]	
Subtotal (95% CI) Total events Teterogeneity: Chi <sup>#</sup> = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Schen gang2013 Schen guozhen2013 Sang xlang2020 I kiul2015 I ilimei2021 Iu chao2021	255 4, df = 7 (P = 5.70 (P < 0.1 36 42 53 32 40 53	272 = 0.99); 00001) 40 48 61 36 45 58	194  *= 0%	40 48 61 37 45 58	2.0% 2.7% 3.7% 2.2% 2.3% 2.6%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25]	
Subtotal (95% CI) Total events Heterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Iang xiang2020 I kui2015 I ilmei2021 I uc chao2021 Ian youjing2019	255 4, df = 7 (P = 5.70 (P < 0.0 36 42 53 32 40 53 61	272 = 0.99); 00001) 40 48 61 36 45 58 66	194  F = 0% 31 33 43 30 32 45 50	40 48 61 37 45 58 66	2.0% 2.7% 3.7% 2.2% 2.3% 2.6% 2.5%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40]	
Subtotal (95% CI) Total events -leterogeneity. Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS -then gang2013 -then guozhen2013 -iang xiang2020 -i kui2015 -i limei2021 -iu chao2021 -ian youjing2019 -wang sen2021	255 4, df = 7 (P = 5.70 (P < 0.0 36 42 53 32 40 53 61 44	272 = 0.99); 000001) 40 48 61 36 45 58 66 48	194  F = 0% 31 33 43 30 32 45 50 34	40 48 61 37 45 58 66 48	2.0% 2.7% 3.7% 2.2% 2.3% 2.6% 2.5% 1.9%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 34, 11.40] 4.53 [1.37, 15.01]	
Subtotal (95% CI) Total events - Leterogeneity. Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS - Shen gang2013 - Shen guozhen2013 - Shen guozhen2013 - Shen guozhen2014 - Shen guozhen2016 - Illmei2021 - Shen guozhen2019 - Wang sen2021 - Wang swang	255 4, df = 7 (P = 5.70 (P < 0.1 36 42 53 32 40 53 61 44 37	272 = 0.99); 000001) 40 48 61 36 45 58 66 48 40	194  F = 0% 31 33 43 30 32 45 50 34 31	40 48 61 37 45 58 66 48 40	2.0% 2.7% 3.7% 2.2% 2.3% 2.5% 1.9%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39]	
Subtotal (95% CI)  Total (95% CI)  Test for overall effect: Z = 2.1.4 SLBZS  Then gang2013  Then guozhen2013  Then guozhen2013  Then guozhen2016  Then gang2020  Then gang2020  Then gang2020  Then gang2020  Then gang2021  Then gang2	255 4, df = 7 (P = 5.70 (P < 0.1) 36 42 53 32 40 53 61 44 44 37 20	272 = 0.99); 00001) 40 48 61 36 45 58 66 48 40 23	194  F = 0% 31 33 43 30 32 45 50 34 31 16	40 48 61 37 45 58 66 48 40 23	2.0% 2.7% 3.7% 2.2% 2.3% 2.5% 1.9% 1.5%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12]	
Subtotal (95% CI) Total events -leterogeneity. Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS chen gang2013 chen guozhen2013 iang xiang2020 i kui2015 i limei2021 iu chao2021 ian youjing2019 wang sen2021 wang xuemei2016 wei guoil2013 dn qun2015	255 4, df = 7 (P = 5.70 (P < 0.10) 36 42 53 32 40 53 61 44 37 20 34	272 = 0.99); 00001) 40 48 61 36 45 58 66 48 40 23 37	194  P = 0%	40 48 61 37 45 58 66 48 40 23 38	2.0% 2.7% 3.7% 2.2% 2.3% 2.6% 2.5% 1.5% 1.5% 1.6%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77]	
Subtotal (95% CI) Total events -leterogeneity. Chi* = 1.1- Test for overall effect: Z =  2.1.4 SLBZS -then gang2013 -then guozhen2013 -then guozhen2013 -then guozhen2013 -then guozhen2013 -then guozhen2010 -the kuiz015 -the kuiz015 -the kuiz015 -the kuiz015 -the kuiz016 -the kuiz016 -the kuiz016 -the kuiz016 -the kuiz016 -the kuiz015 -the ku	255 4, df = 7 (P = 5.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34	272 = 0.99); 000001) 40 48 61 36 45 58 66 48 40 23 37 49	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31	40 48 61 37 45 58 66 48 40 23 38 49	2.0% 2.7% 3.7% 2.2% 2.5% 1.9% 1.5% 1.4% 1.6%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.67, 13.63]	
Subtotal (95% CI) Total events -leterogeneity. Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS chen gang2013 chen guozhen2013 iang xiang2020 i kui2015 i limei2021 iu chao2021 ian youjing2019 wang sen2021 wang xuemei2016 wei guoil2013 dn qun2015	255 4, df = 7 (P = 6.5.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38	272 = 0.99); 00001) 40 48 61 36 45 58 66 48 40 23 37 49 40	194  P = 0%	40 48 61 37 45 58 66 48 40 23 38	2.0% 2.7% 3.7% 2.2% 2.3% 2.6% 2.5% 1.5% 1.5% 1.6%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77]	
Subtotal (95% CI) Total events -leterogeneity. Chi* = 1.1- Test for overall effect: Z =  2.1.4 SLBZS -then gang2013 -then guozhen2013 -then guozhen2013 -then guozhen2013 -then guozhen2013 -then guozhen2010 -the kuiz015 -the kuiz015 -the kuiz015 -the kuiz015 -the kuiz016 -the kuiz016 -the kuiz016 -the kuiz016 -the kuiz016 -the kuiz015 -the ku	255 4, df = 7 (P = 5.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34	272 = 0.99); 000001) 40 48 61 36 45 58 66 48 40 23 37 49	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31	40 48 61 37 45 58 66 48 40 23 38 49	2.0% 2.7% 3.7% 2.2% 2.5% 1.9% 1.5% 1.4% 1.6%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.67, 13.63]	
Subtotal (95% CI)  Fotal (95%	255 4, df = 7 (P = 6.5.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38	272 = 0.99); 00001) 40 48 61 36 45 58 66 48 40 23 37 49 40	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31 40 29	40 48 61 37 45 58 66 48 40 23 38 49 40	2.0% 2.7% 3.7% 2.2% 2.3% 2.5% 1.5% 1.5% 1.6% 1.6%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.81, 10.77] 3.45 [0.87, 13.63]	
Subtotal (95% CI) Total events Heterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS then gang2013 then guozhen2013 tiang xiang2020 i kui2015 i limei2021 iu chao2021 tian youjing2019 wang sen2021 wang suemei2016 wei guoli2013 din qun2015 tu aihua2015 tu aihua2015 tu jiwen2015 xang wing2018 in ping2018 in ping2018	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40	272 = 0.99); 00001) 40 48 61 36 45 58 66 48 40 23 37 49 40 43	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31 40 29 33	40 48 61 37 45 58 66 48 40 23 38 49 40 43	2.0% 2.7% 3.7% 2.2% 2.3% 2.5% 1.9% 1.5% 1.6% 1.6% 1.0%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.09 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.92 [0.65, 13.12] 2.95 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90]	
Subtotal (95% CI)  Fotological (95% CI)  Fot	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 40 55 38	272 = 0.99); 000001) 40 48 61 36 45 58 66 64 48 40 23 37 49 40 40 61 61 61 61 61 61 61 61 61 61	194 IF = 0% 31 33 43 30 32 45 50 34 31 16 6 31 40 29 33 43 8	40 48 61 37 45 58 66 48 40 23 38 49 40 40 40 14	2.0% 2.7% 3.7% 2.2% 2.5% 1.5% 1.5% 1.6% 1.6% 1.0% 2.8%	2.81 [0.73, 9.32] 3.18 [1.11, 9.11] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 2.56 [0.86, 13.12] 2.56 [0.86, 13.12] 2.56 [0.81, 10.77] 4.04 [1.03, 15.90] 3.58 [1.29, 9.80] 11.25 [1.15, 110.46]	
Subtotal (95% CI) Total events Heterogeneity, Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Iang xiang2020 I kui2015 I ilmei2021 I uc chao2021 Ian youjing2019 Wang sen2021 Wang xuemei2016 Wei guoil2013 Idn qun2015 Iva ilmua2015 Iva ilmua2015 Iva jinyen2015 Ivang ying2018 Ivang ying2018 Ivang ying2018 Ivang xiao2018 Ivang ying2018 Ivang ying2018 Ivang ying2021 Ivang xiao2018 Ivang ying2018 Ivang ying2018 Ivang ying2018 Ivang ying2018 Ivang ying2018 Ivang ying2018 Ivang xiao2018 Ivang ying2018 Ivang ying2	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 55	272 \$\begin{align*} 40, 48, 61, 36, 66, 48, 40, 23, 37, 49, 40, 43, 60, 61, 63, 61, 61, 61, 61, 61, 61, 61, 61, 61, 61	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31 40 29 33 43 8 8 19	40 48 61 37 45 58 66 48 40 23 38 49 40 40 43 60 14 30	2.0% 2.7% 3.7% 2.2% 2.5% 1.9% 1.6% 1.6% 1.6% 1.5% 2.8% 0.4%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74]	
Subtotal (95% CI) Total events Heterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS then gang2013 then guozhen2013 tiang xlang2020 i kui2015 i limei2021 iu chao2021 tian youjing2019 wang sen2021 wang suemei2016 wei guoli2013 din qun2015 tu jiwen2015 tu jiwen2015 xu jiwen2015 xu jiwen2015 xu jiwen2015 xu jiwen2015 xu jiwen2015 zhang xiao2018 zhou jingie2017 zhou taomei2018	255 4, df = 7 (P = 5.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 53 41 45 46 34 46 34 46 34 46 34 46 34 46 34 46 34 46 34 46 34 46 34 46 34 46 34 46 46 46 46 46 46 46 46 46 46 46 46 46	272 \$\frac{0.99}{00001}\$ 40 48 61 36 45 58 66 48 40 23 37 49 40 43 60 16 30 50	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31 40 29 33 43 8 19 36	40 48 61 37 45 58 66 48 40 23 33 49 40 43 60 14 30 50	2.0% 2.7% 3.7% 2.6% 2.3% 2.6% 1.5% 1.4% 1.6% 1.0% 1.5% 2.8% 0.4% 2.1%	2.61 [0.73, 9.32] 2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.56]	
Subtotal (95% CI)  Fotal (95%	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 55	400 48 61 36 45 68 48 40 23 37 49 40 43 60 16 60 60 49	194  F = 0% 31 33 43 30 32 45 50 34 31 16 31 40 29 33 43 8 8 19	40 48 61 37 45 58 66 48 40 23 38 49 40 43 60 14 30 50 48	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.6% 2.8% 2.1% 3.3%	2.81 [0.73, 9.32] 3.18 [1.11, 9.1] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.88 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18]	
Subtotal (95% CI) Total events Heterogeneity, Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Iang xiang2020 I kui2015 I ilmei2021 I iu chao2021 Ian youjing2019 wang sen2021 wang sen2021 wang sen2021 din quo2015 cu aihua2015 cu aihua2015 zi jiwen2015 ziang ying2018 zing jing2021 chang xiao2018 zhou jingjie2017 zhou taomei2018 zou hao2015 Subtotal (95% CI)	255 4, df = 7 (P = 6.70 (P < 0.0) 36 42 53 32 40 53 81 44 37 20 34 46 38 40 54 15 25 43 43	272 \$\frac{0.99}{00001}\$ 40 48 61 36 45 58 66 48 40 23 37 49 40 43 60 16 30 50	194  F = 0% 31 33 30 32 45 50 34 31 40 29 33 43 43 49 36 32	40 48 61 37 45 58 66 48 40 23 33 49 40 43 60 14 30 50	2.0% 2.7% 3.7% 2.6% 2.3% 2.6% 1.5% 1.4% 1.6% 1.0% 1.5% 2.8% 0.4% 2.1%	2.61 [0.73, 9.32] 2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.56]	
Subtotal (95% CI) Total events -leterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS -then gang2013 -then guozhen2013 -tang xlang2020 -i kui2015 -i limel2021 -iu chao2021 -tan youjing2019 -wang sen2021 -wang suemei2016 -wei guoli2013 -dn qun2015 -tu jiwen2015 -tu jiwen2015 -tu jiwen2015 -tu jiwen2015 -tu jiwen2015 -tu jiwen2015 -tang ying2018 -theng xiao2018 -thou jingjie2017 -thou taomei2018 -tou taomei2018 -tou taomei2018 -tou taomei2018 -toutoutos	255 4, df=7 (P= 5.70 (P < 0.) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 25 43 43 756	272 4000001) 440 48 61 36 45 58 40 23 37 49 40 43 60 61 63 60 63 64 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84	194 F=0% 31 33 43 30 32 45 50 34 31 16 31 40 29 33 43 8 8 9 36 32	40 48 61 37 45 58 40 23 38 49 40 43 60 60 14 30 50 48 838	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.6% 2.8% 2.1% 3.3%	2.81 [0.73, 9.32] 3.18 [1.11, 9.1] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.88 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18]	
Subtotal (95% CI)  Fotal (95%	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 25 43 47 46 46 47 47 48 48 49 49 49 49 49 49 49 49 49 49 49 49 49	272 40,00001) 40,48,61,36,66,45,58,66,66,48,40,03,37,49,40,43,60,16,30,50,49,839	194 F= 0%  31 33 43 30 32 45 50 34 31 16 31 40 29 33 43 8 19 36 6 32 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	40 48 61 37 45 58 40 23 38 49 40 43 60 60 14 30 50 48 838	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.6% 2.8% 2.1% 3.3%	2.81 [0.73, 9.32] 3.18 [1.11, 9.1] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.88 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18]	
Subtotal (95% CI) Total events -leterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS -then gang2013 -then gang2013 -than guzhen2013 -tang xlang2020 -i kui2015 -i limei2021 -iu chao2021 -tan youjing2019 -wang sen2021 -wang suemei2016 -wei guoli2013 -dn qun2015 -tu jiwen2015 -tang ying2018 -thou jingjie2017 -thou taomei2018 -tou taom	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 25 43 47 46 46 47 47 48 48 49 49 49 49 49 49 49 49 49 49 49 49 49	272 40,00001) 40,48,61,36,66,45,58,66,66,48,40,03,37,49,40,43,60,16,30,50,49,839	194 F= 0%  31 33 43 30 32 45 50 34 31 16 31 40 29 33 43 8 19 36 6 32 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	40 48 61 37 45 58 40 23 38 49 40 43 60 60 14 30 50 48 838	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.6% 2.8% 2.1% 3.3%	2.81 [0.73, 9.32] 3.18 [1.11, 9.1] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.88 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18]	
Subtotal (95% CI)  Fotal (95% CI)  Fotal events  Leterogeneity: Chi² = 1.1.  Fest for overall effect: Z = 2.1.4 SLBZS  Chen gang2013  Chen guozhen2013  Iang xiang2020  I kui2015  I lilmei2021  I uc chao2021  I an youjing2019  wang sen2021  wang sen2021  wang sen2021  wang umei2016  wei guoli2013  din qun2015  to aliwa2015  to jiwen2015  to jiwen2015  to jimg2018  zhon jing2021  chang xiao2018  zhou taomei2018  zou hao2015  Subtotal (95% CI)  Total events  Leterogeneity: Chi² = 4.1.  Test for overall effect: Z = 2.1.5 CYN	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 63 840 54 15 25 43 47 756 4, df = 18 (P < 0.1)	272 = 0.99); 000001) 40 48 61 36 58 66 68 49 40 43 40 43 60 16 30 50 49 839 = 1.00(00001)	194 F= 0%  31 33 43 30 32 45 50 34 41 16 31 40 29 33 43 8 19 36 6 32 616 616 7; F= 0%	40 48 61 37 45 58 40 23 38 49 40 14 30 50 48 <b>838</b>	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.6% 2.8% 2.1% 3.3% 3.9% 3.9.7%	2.81 [0.73, 9.32] 3.18 [1.11, 9.11] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.88 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
Subtotal (95% CI) Total events Heterogeneity, Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Iang xiang2020 I kui2015 I ilimei2021 I iu chao2021 Iany oujing2019 wang sen2021 wang sen2021 wang sen2021 wang sen2021 ou ajune2015 ou ajune2015 ou jing2018 In ping2021 Chang xiang2018 Chon jingjie2017 Chou taomei2018 Subtotal (95% CI) Total events Heterogeneity, Chi* = 4.1. Test for overall effect: Z = 2.1.5 CYM Chen qingrong2019	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 81 44 37 20 34 40 54 15 25 43 38 40 54 15 25 43 756 43 756 4, df = 18 (P < 0.1)	272 = 0.99); 000001) 40 48 61 36 65 68 40 23 37 49 40 43 60 16 30 50 49 839 = 1.00 000001)	194 P= 0%  31 33 33 33 33 32 45 50 34 31 140 29 33 34 38 19 36 36 36 616 616 616 616 616 616 616 61	40 48 61 37 45 58 66 48 40 23 38 49 40 43 60 14 30 50 50 88 88 88 88	2.0% 2.7% 3.7% 2.3% 2.8% 2.5% 1.9% 1.5% 1.6% 1.5% 2.8% 0.4% 2.1% 3.3% 2.1% 3.3% 2.1%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.08 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 3.56 [1.29, 9.80] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
Subtotal (95% CI)  Fotal (95% CI)  Fotal events  Leterogeneity: Chi² = 1.1.  Fest for overall effect: Z = 2.1.4 SLBZS  Chen gang2013  Chen guozhen2013  Iang xiang2020  I kui2015  I lilmei2021  I uc chao2021  I an youjing2019  wang sen2021  wang sen2021  wang sen2021  wang umei2016  wei guoli2013  din qun2015  to aliwa2015  to jiwen2015  to jiwen2015  to jimg2018  zhon jing2021  chang xiao2018  zhou taomei2018  zou hao2015  Subtotal (95% CI)  Total events  Leterogeneity: Chi² = 4.1.  Test for overall effect: Z = 2.1.5 CYN	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 63 840 54 15 25 43 47 756 4, df = 18 (P < 0.1)	272 = 0.99); 000001) 40 48 61 36 58 66 68 49 40 23 37 49 40 16 30 50 49 839 = 1.00(00001)	194 F= 0%  31 33 43 30 32 45 50 34 41 16 31 40 29 33 43 8 19 36 6 32 616 616 7; F= 0%	40 48 61 37 45 58 40 23 38 49 40 14 30 50 48 <b>838</b>	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.6% 2.8% 2.1% 3.3% 3.9% 3.9.7%	2.81 [0.73, 9.32] 3.18 [1.11, 9.11] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.88, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.88 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
Subtotal (95% CI) Total events Heterogeneity, Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Iang xiang2020 I kui2015 I ilimei2021 I iu chao2021 Iany oujing2019 wang sen2021 wang sen2021 wang sen2021 wang sen2021 ou ajune2015 ou ajune2015 ou jing2018 In ping2021 Chang xiang2018 Chon jingjie2017 Chou taomei2018 Subtotal (95% CI) Total events Heterogeneity, Chi* = 4.1. Test for overall effect: Z = 2.1.5 CYM Chen qingrong2019	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 81 44 37 20 34 40 54 15 25 43 38 40 54 15 25 43 756 43 756 4, df = 18 (P < 0.1)	272 = 0.99); 000001) 40 48 61 36 65 68 40 23 37 49 40 43 60 16 30 50 49 839 = 1.00 000001)	194 P= 0%  31 33 33 33 33 32 45 50 34 31 140 29 33 34 38 19 36 36 36 616 616 616 616 616 616 616 61	40 48 61 37 45 58 66 48 40 23 38 49 40 43 60 14 30 50 50 88 88 88 88	2.0% 2.7% 3.7% 2.3% 2.8% 2.5% 1.9% 1.5% 1.6% 1.5% 2.8% 0.4% 2.1% 3.3% 2.1% 3.3% 2.1%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.08 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 3.56 [1.29, 9.80] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
Subtotal (95% CI) Total events -leterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS -then gang2013 -then gang2013 -than guzhen2013 -tang xlang2020 -i kui2015 -i limel2021 -iu chao2021 -tan youjing2019 -wang sen2021 -wang suemei2016 -wei guoli2013 -dn qun2015 -tu jiwen2015 -tang ying2018 -thou jingjie2017 -thou taomei2018 -tou taomei2019 -	255 4, df=7 (P= 5.70 (P < 0.) 36 42 53 32 40 37 61 44 37 20 34 46 38 40 54 15 25 43 43 756 4, df=18 (P < 0.) 49 43	272 = 0.99); 000001) 40 48 61 36 45 58 66 64 48 40 23 37 49 40 43 60 16 30 50 49 839 = 1.000 000001)	194   F = 0%   31   33   34   34   35   36   36   36   37   38   36   36   37   38   36   37   38   38   39   36   39   36   39   36   39   36   36	40 48 61 37 45 58 40 40 23 38 49 40 40 14 43 60 14 83 88	2.0% 2.7% 2.3% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 2.1% 3.16% 3.9.7%	2.61 [0.73, 9.32] 2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.67, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 3.12 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
Subtotal (95% CI) Total events Heterogeneity, Chi* = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen guozhen2013 Iang xiang2020 I kui2015 I illimei2021 I iu chao2021 Iany oujing2019 wang sen2021 wang sen2021 wang sen2021 wang sen2021 ou ajhua2015 ou ajhua2015 ou ajhua2015 ou ajhua2015 du ping2021 Chang xiang2021 Chang xiang2021 Chang xiang2021 Chang xiang2021 Chang xiang2018 Chang xiang2019 Cha	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 40 54 15 25 43 38 40 54 16 28 49 48 40 48 40 54 55 43 756 48 49 43 62 49 43 63 63	272 = 0.99); 000001) 40 48 61 36 64 45 58 66 48 40 23 37 49 40 43 60 61 61 61 61 61 61 61 61 61 61	1944   P = 0%   31   33   33   34   33   35   36   36   37   37   38   39   36   37   37   38   38   39   36   36   37   37   37   38   38   39   36   37   38   38   38   39   38   38   38   38	40 48 61 37 45 58 66 48 40 23 38 49 40 43 60 50 83 88 88 88 88	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 1.5% 2.8% 3.3% 2.1% 3.3% 3.9.7%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.25] 3.31 [2.52, 4.36]	
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Subtotal (95% CI)  Fotal events  Heterogeneity: Chi² = 1.1.  Fest for overall effect: Z = 2.1.4 SLBZS  Chen gang2013  Chen gang2013  Chen gang2020  I kui2015  I limei2021  I uc chao2021  I any youjing2019  wang sen2021  wang sen2021  wang sen2021  wang umei2016  wei guoli2013  din qun2015  cu jiwen2015  du jiwen2015  du jiwen2015  du aniua2015  du jiming2018  chou taomei2018  chou taomei2018  chou taomei2018  Total events  Heterogeneity: Chi² = 4.1.  Fest for overall effect: Z = 2.1.5 CYN  Chen qingrong2019  iu hongjing2014  uo ruijuan2019  u wen2021  shen shullan2020  vao zhiyi2018	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 25 43 43 756 4, df = 18 (P < 0.1) 49 49 43 62 35 36 36 37 36 38 37 37 38 48 49 49 49 49 49 49 49 49 49 49 49 49 49	272 6 0.99); 000001) 40 48 81 61 63 64 65 66 48 48 40 43 43 60 60 60 60 60 60 60 60 60 60	1944 F= 0%  311 333 433 300 322 455 500 344 311 166 311 400 299 336 819 366 532 66 53 226 322 29	40 48 48 49 40 43 838 50 44 470 355 42 26 36 36	2.0% 2.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 2.1% 3.6% 3.9.7% 0.5% 4.0% 0.2% 4.0%	2.81 [0.73, 9.32] 3.18 [1.11, 9.11) 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.98, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
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Subtotal (95% CI) Total events Heterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen gang2020 I kui2015 Illmei2021 Ill uchao2021 Ian youjing2019 Wang sen2021 Wang sen2021 Wang sen2021 Wang sen2021 Wang sen2021 Wang sen2021 Wang voling2018 Wei guoli2013 Wei guoli2013 Wei guoli2013 Wei guoli2015 Wei jung2018 Wei jung2019 Wei jung2017 Subtotal (95% CI) Total events Fotol wei jung2017 Subtotal (95% CI) Total events	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 15 25 43 43 756 4, df = 18 (P < 0.1) 49 49 43 62 35 39 35 28 291	272 6 0.99); 000001) 40 48 61 63 66 64 48 43 43 40 43 43 60 60 60 60 60 60 60 60 60 60	1944 F= 0%  311 333 433 300 322 455 500 344 311 166 311 400 299 336 819 366 322 616 632 299 222 237	40 48 61 37 45 58 66 48 40 23 38 49 40 43 60 14 30 50 44 70 36 42 36 42 36 43 49 40 40 40 40 40 40 40 40 40 40 40 40 40	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 3.3% 2.8% 3.3% 2.1% 3.3% 3.4% 3.1.5% 3.1.5% 3.1.1% 4.0.1% 4.0.1% 5.0.1%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.26] 3.31 [2.52, 4.36]  13.82 [1.71, 111.72] 4.78 [0.95, 23.94] 4.98 [0.98, 6.22] 2.45 [0.98, 72.70] 5.09 [0.98, 26.43]	
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Subtotal (95% CI)  Footal (95% CI)  Foot	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 40 54 38 40 54 40 54 43 756 43 855 (P < 0.1) 49 43 6, df = 18 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df = 6 (P = 6.70 (P < 0.1) 6, df =	272 = 0.99); 000001) 40 48 61 36 45 58 66 48 40 23 37 49 40 43 60 61 61 61 61 61 61 61 61 61 61	1944 F= 0%  311 333 433 30 32 455 50 344 311 40 29 33 43 8 19 36 65 61 66 65 32 29 22 237 F= 0%	40 48 61 37 45 58 66 48 40 23 38 49 40 43 60 14 30 50 44 70 36 42 36 42 36 43 49 40 40 40 40 40 40 40 40 40 40 40 40 40	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 3.3% 2.8% 3.3% 2.1% 3.3% 3.4% 3.1.5% 3.1.5% 3.1.1% 4.0.1% 4.0.1% 5.0.1%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.26] 3.31 [2.52, 4.36]  13.82 [1.71, 111.72] 4.78 [0.95, 23.94] 4.98 [0.98, 6.22] 2.45 [0.98, 72.70] 5.09 [0.98, 26.43]	
Subtotal (95% CI) Total events Heterogeneity: Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS Chen gang2013 Chen gang2020 I kui2015 I lilmei2021 I uc chao2021 I any youjing2019 Wang sen2021 Wang sen2025 Wang iguoli2013 Wang vanei2016 Wei guoli2013 Wei guoli2013 Wei guoli2015 Wei guoli2016 Wei guoli2017 Chaol events Heterogeneity: Chi² = 4.1. Test for overall effect: Z = 2.1.5 CYN Chen qingrong2019 I u wen2021 Shen shulian2020 Vao zhiyi2018 Heterogeneity: Chi² = 4.6 Test for overall effect: Z = Weither Subtotal (95% CI) Total events Heterogeneity: Chi² = 4.6 Test for overall effect: Z =	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 415 25 43 43 756 4, df = 18 (P < 0.1) 49 49 43 62 35 39 36 28 291 6, df = 6 (P = 6.67 (P < 0.1)	272 = 0.99); 000001) 40 48 61 36 45 58 66 48 40 23 37 49 40 43 60 61 61 61 61 61 61 61 61 61 61	1944 F= 0%  311 333 433 30 32 455 50 344 311 40 29 33 43 8 19 36 65 61 66 65 32 29 22 237 F= 0%	40 48 48 48 48 49 40 23 38 40 43 43 60 44 70 35 42 36 30 30 30 30 30 30 30 30 30 30 30 30 30	2.0% 2.7% 3.7% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 3.3% 2.8% 3.3% 2.1% 3.3% 3.4% 3.1.5% 3.1.5% 3.1.1% 4.0.1% 4.0.1% 5.0.1%	2.61 [0.73, 9.32] 3.18 [1.11, 9.10] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.26 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.89, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.26] 3.31 [2.52, 4.36]  13.82 [1.71, 111.72] 4.78 [0.95, 23.94] 4.98 [0.98, 6.22] 2.45 [0.98, 72.70] 5.09 [0.98, 26.43]	
Subtotal (95% CI) Total events -leterogeneity. Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS -chen gang2013 -chen guozhen2013 -lang xiang2020 -i kui2015 -i ilimei2021 -i uc chao2021 -lan youjing2019 -wang sen2021 -wang sen2021 -wang sen2021 -wang sen2021 -wang xuemei2016 -wei guoil2013 -in qun2015 -cu alhua2015 -cu jinging2018 -chon jingi20201 -chang xiao2018 -chon jingi20217 -chou taomei2018 -chon jingi20217 -chou taomei2018 -chon jingi2018 -chon jingi2019 -chon jingi2019 -chon jingi2019 -chon jingi2019 -chon jingi2014 -chon jin	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 37 20 34 46 38 40 54 415 25 43 43 756 4, df = 18 (P < 0.1) 49 49 43 62 35 39 36 28 291 6, df = 6 (P = 6.67 (P < 0.1)	272 6 0.99); 000001) 40 48 46 61 63 64 65 66 48 48 40 43 60 60 60 60 60 60 60 60 60 60	1944 F= 0%  311 333 433 30 32 455 50 344 311 40 29 33 43 8 19 36 65 61 66 65 32 29 22 237 F= 0%	40 48 48 48 48 49 40 23 38 40 43 43 60 44 70 35 42 36 30 30 30 30 30 30 30 30 30 30 30 30 30	2.0% 2.7% 2.3% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 2.1% 3.6% 3.9.7% 0.5% 1.0% 0.2% 1.0% 0.2% 1.0% 0.2%	2.81 [0.73, 9.32] 3.18 [1.11, 9.11] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.98, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	
Subtotal (95% CI) Total events -leterogeneity. Chi² = 1.1. Test for overall effect: Z = 2.1.4 SLBZS chen gang2013 chen guozhen2013 lang xiang2020 i kui2015 i ilimei2021 iu chao2021 ian youjing2019 wang sen2021 wang sen2021 wang sen2021 wang sen2021 wang xuemei2016 wei guoll2013 in qun2015 cu aihua2015 tu jiwen2015 zang ying2018 zhou jingje2017 zhotal events -leterogeneity. Chi² = 4.1. Test for overall effect: Z = 2.1.5 CYN chen qingrong2019 iu hongjing2014 uro ruijuan2019 u wen2021 shen shullan2020 zao zhiyl2018 zhao qinghua2017 Subtotal effect: Z = 2.1.5 CYN chen qingrong2019 iu hongjing2014 uro ruijuan2019 u wen2021 shen shullan2020 zao zhiyl2018 zhao qinghua2017 Subtotal (95% CI) Total events -leterogeneity. Chi² = 4.6! Test for overall effect: Z = Total (95% CI)	255 4, df = 7 (P = 6.70 (P < 0.1) 36 42 53 32 40 53 61 44 47 20 34 46 38 40 56 43 43 756 4, df = 18 (P < 0.1) 49 43 62 35 36 37 66 49 49 43 62 35 62 36 62 37 66 62 68 68 69 69 69 69 60 60 60 60 60 60 60 60 60 60 60 60 60	272 6 0.99); 000001) 40 48 86 61 36 45 58 66 64 88 40 23 37 49 40 43 60 60 60 60 60 60 60 60 60 60	1944  F=0%  311 333 300 322 550 344 311 166 331 38 81 196 32 616 53 26 53 26 29 22 237  F=0%	400 488 666 488 499 400 144 300 500 488 838 500 307 2581	2.0% 2.7% 2.3% 2.3% 2.3% 2.5% 1.9% 1.6% 1.6% 1.6% 2.1% 3.6% 3.9.7% 0.5% 1.0% 0.2% 1.0% 0.2% 1.0% 0.2%	2.81 [0.73, 9.32] 3.18 [1.11, 9.11] 2.77 [1.10, 6.99] 1.87 [0.50, 7.03] 3.25 [1.05, 10.07] 3.06 [1.01, 9.25] 3.90 [1.34, 11.40] 4.53 [1.37, 15.01] 3.58 [0.98, 14.39] 2.92 [0.65, 13.12] 2.56 [0.61, 10.77] 3.45 [0.87, 13.63] 7.21 [1.48, 35.07] 4.04 [1.03, 15.90] 3.56 [1.29, 9.80] 11.25 [1.15, 110.46] 2.89 [0.86, 9.74] 2.39 [0.87, 6.56] 3.58 [1.26, 10.18] 3.31 [2.52, 4.36]	0.02 0.1 10 50

#### Baron



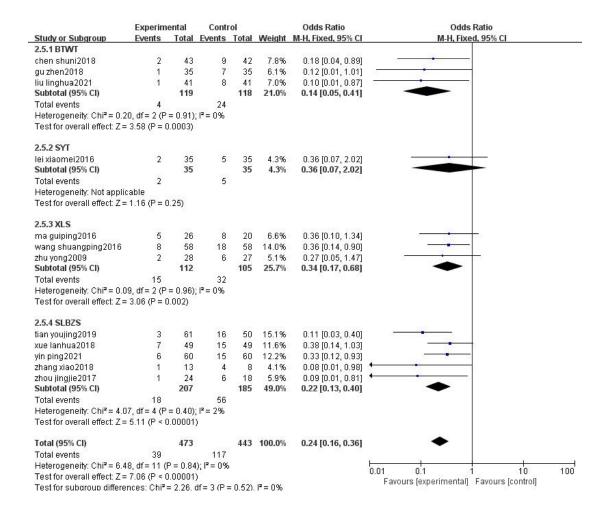
#### IBDQ



TNF

	Expe	rimenta		C	ontrol			Mean Difference	Mean Difference
tudy or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
.3.1 BTWT									
nan ting2018	25.09	2.97	32	35.71	3.29	32	4.8%	-10.62 [-12.16, -9.08]	*
ing xiuping2021	14.71	7.05	52	27.19	9.04	50	4.6%	-12.48 [-15.63, -9.33]	-
u liang2021	11.63	2.31	30	19.86	1.42	30	4.9%	-8.23 [-9.20, -7.26]	-
nie zhenjing2020	13.54	1.65	60	22.65	2.4	60	4.9%	-9.11 [-9.85, -8.37]	
wei qin2021	13.32	1.71	51	22.12	1.84	51	4.9%	-8.80 [-9.49, -8.11]	
			7000			105000			
wei yonghui2020	23.67	2.11	65	31.67	3.13	65	4.9%	-8.00 [-8.92, -7.08]	11 P
Subtotal (95% CI)	-2022 1215	2 1000	290	202 20		288	28.9%	-9.01 [-9.76, -8.26]	,
Heterogeneity: Tau² :				100	008); 1*:	= 68%			
Fest for overall effect	Z = 23.52	! (P < 0.)	00001)						
2.3.2 SYT									8000
hen jianlin2018	37.27	9.83	36	59.79	12.64	36	4.3%	-22.52 [-27.75, -17.29]	
chen lijian2014	11.372	1.902	39	32.015	1.937	39	4.9%	-20.64 [-21.49, -19.79]	
i xiaofei2021	115.27	23.31	25	154.49	20.75	25		-39.22 [-51.45, -26.99]	
wang wei2017	122.13	6.4		137.02		49		-14.89 [-17.62, -12.16]	-
Subtotal (95% CI)			149			149		-21.35 [-26.24, -16.46]	•
Heterogeneity: Tau²:	- 18 25: CI	hi² - 25		- 3 (P < f	00011				
reterogeneny, rad - Fest for overall effect				3 (1 3 )		00	~		
restrui uveran ellett	. 4 - 0.00 (	i ~ 0.0	0001)						
2.3.3 XLS									
	50.07	40.00	20	70.40	40.00	20	4.400	45.001.0040 44.00	<u></u>
cal yi2022	56.27	10.26	38	72.13	10.22	38		-15.86 [-20.46, -11.26]	
Subtotal (95% CI)			38			38	4.4%	-15.86 [-20.46, -11.26]	•
Heterogeneity: Not a									
Fest for overall effect	Z = 6.75 (	(P < 0.0)	0001)						
2.3.4 SLBZS									
iang xiang2020	105.28	16.89	61	154.26	23.28	61	3.8%	-48.98 [-56.20, -41.76]	
i kui2015	12.8	12	36	21.2	11.3	37	4.2%	-8.40 [-13.75, -3.05]	
i limei2021	10.12	5.61	45	25.58	6.33	45	4.7%	-15.46 [-17.93, -12.99]	<del>*</del>
ian youjing2019	34.23	5.14	66	47.14	8.63	66		-12.91 [-15.33, -10.49]	-
wei quoli2013	13.43	4.11	23	24.38	5.22	23	4.7%	-10.95 [-13.67, -8.23]	-
dn gun2015	12.8	12	37	21.2	11.3	38	4.3%	-8.40 [-13.68, -3.12]	
u jiwen2015	12.36	5.06	40	22.59	4.65	40	4.8%	-10.23 [-12.36, -8.10]	÷ ÷ ÷
ang ying2018	12.56		43		11.67	43	4.4%	-10.15 [-14.97, -5.33]	
			1002			10000000			
rin ping2021	12.39	0.56	60	16.45	2.32	60	4.9%	-4.06 [-4.66, -3.46]	<u> </u>
thu fengchi2020	13.5	4.2	25	25.6	5.7	25	4.7%	-12.10 [-14.88, -9.32]	100
thu fengchi2020	0	0	0	0	0	0		Not estimable	_
Subtotal (95% CI)			436			438	45.2%	-13.59 [-18.10, -9.09]	•
Heterogeneity: Tau² :	= 48.86; CI	$hi^2 = 31$	3.29, d	f=9(P<	0.0000	1); $I^2 = 9$	37%		
Test for overall effect	Z = 5.91 (	(P < 0.0)	0001)						
2.3.5 CYN									
u wen2021	1.52	0.21	35	2.45	0.21	35	4.9%	-0.93 [-1.03, -0.83]	•
Subtotal (95% CI)			35	20		35	4.9%	-0.93 [-1.03, -0.83]	
Heterogeneity: Not a	nnlicable							, 51001	
		(P < 0)	000043						
est for overall effect	∠-10.03	(F = 0.)	00001)						
etal (OEW CIV			0.40			040	400.00	42 20 1 46 44 40 241	_
Total (95% CI)	10000		948		9000			-13.38 [-16.41, -10.34]	
Heterogeneity: Tau <sup>2</sup> :	= 49 N9: CI	$hr^2 = 420$	84.42.	dt = 21 (F	′ < 0.00	UU1): l²	= 100%		
est for overall effect				2		200			-50 -25 0 25 50

### Recurrence rate



Supplementary Figure 1 Heterogeneity test.

	on bias)		(performance bias)	ction bias)	•		
	Random sequence generation (selection bias)	r concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection blas)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	9
	Random	Allocation concea	Blinding	Blinding	Incomple	Selective	Other bias
cai yi2022 chen chaofeng2021	•	?	?	?		?	?
chen gang2013	?	?	?	?	•	?	?
cheng hua2011	?	?	?	?	•	?	?
chen guozhen2013 chen jianlin2018	•	?	?	?	•	?	?
chen lijian2014	•	?	?	?	•	?	?
chen qingrong2019 chen shuni2018		?	?	?		?	?
dai ruwei2022	•	?	?	?	•	?	?
ding honghui2019	•	?	?	?	•	?	?
gu zhen2018 han ting2018		?	?	?		?	?
jing xiuping2021	•	?	?	?	•	?	?
jin yan2018		?	?	?	•	?	?
lei xiaomei2016 liang xiang2020	•	?	?	?		?	?
li kui2015	•	?	?	?	•	?	?
li limei2021 liu chao2021	?	?	?	?		?	?
liu hongjing2014	?	?	?	3	•	?	?
liu jianhua2015	•	?	?	?	•	?	?
liu linghua2021 liu weijun2015	•	?	?	?		?	?
li xiaofei2021	•	?	?	?		?	?
lu liang2021	•	?	?	?	•	?	?
luo ruijuan2019 lu wen2021	•	?	?	?		?	?
ma guiping2016	•	?	?	?	•	?	?
ma qianzhang2019	•	3	?	?	•	?	?
ma yuexiang2020 meng yaping2017		?	?	?		?	?
nie zhenjing2020	•	?	?	?		?	?
sheng rudan2017	•	?	?	?	•	?	?
shen shullan2020 tian youjing2019		?	?	?		?	?
wang haolin2017	•	3	2	?		?	2
wang sen2021	•	?	?	?	•	?	?
wang shuangping2016 wang wei2017		?	?	?		?	?
wang xiaoxing2019	•	?	?	?	•	?	?
wang xuemei2016	•	?	?	?	•	?	?
wei guoli2013 wei gin2021	?	?	?	?		?	?
wei yonghui2020	?	?	?	?	•	?	?
xin qun2015	•	?	?	?	•	?	?
xu aihua2015 xue lanhua2018	0	?	?	?	0	?	?
xu jiaping2019	•	?	?	?	•	?	?
xu jiwen2015	•	?	?	?	•	?	?
xu xuequan2010 yang ying2018	•	?	?	?		?	?
yao chengjiao2021	•	?	?	?	•	?	?
yao zhiyi2018	•	?	?	?	•	?	?
yin ping2021 yu lihua2022	•	?	?	?	0	?	?
zhang xiao2018	•	?	?	?	•	?	?
zhao qinghua2017	0	?	?	?	0	?	?
zhou jingjie2017 zhou taomei2018	0	?	?	?		?	?
zhu fengchi2020	•	?	?	?	•	?	?
zhu yan2021 zhu yong2009	0	?	?	?	•	?	?
zou hao 2015	•	3	?	?	•	?	?
							_

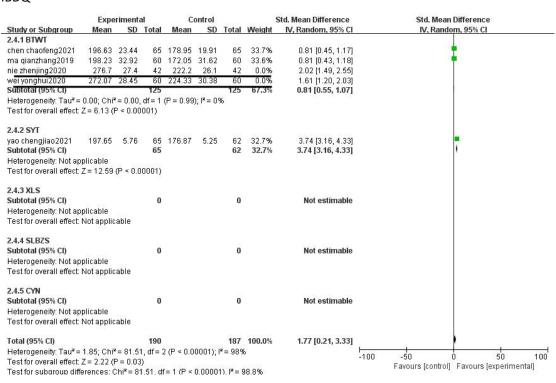
Supplementary Figure 2 Risk of bias summary.

### sensitivity analyses

#### Baron

	10.00	erimen		014A/3	ontrol			Std. Mean Difference	Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
2.2.1 BTWT									
u liang2021	0.36	0.34	30	0.62	0.12	30	11.3%	-1.01 [-1.55, -0.47]	
vei yonghui2020	3.02	0.65	65	5.11	0.89	65	0.0%	-2.67 [-3.14, -2.19]	
u jiaping2019	3.72	1.34	62	4.98	1.42	62	11.8%	-0.91 [-1.28, -0.54]	<b>*</b>
u lihua2022	1.99	0.71	30	2.62	0.72	30	11.3%	-0.87 [-1.40, -0.34]	198 L
Subtotal (95% CI)			122			122	34.4%	-0.92 [-1.19, -0.66]	
Heterogeneity: Tau <sup>2</sup> =	= 0.00; C	hi² = 0	.14, df=	2 (P =	0.93);	$l^2 = 0\%$			9
est for overall effect	Z = 6.83	) (P < 0	0.00001	)					
2.2.2 SYT									
ling honghui2019	1.1	0.35	38	1.54	0.37	38	11.4%	-1.21 [-1.70, -0.72]	
xiaofei2021	1.1	0.2	25	2.45	0.28	25	8.2%	-5.46 [-6.71, -4.22]	•
thu van 2021	1.58	0.38	35	2.23	0.26	35	11.1%	-1.97 [-2.55, -1.40]	•
Subtotal (95% CI)			98			98	30.8%	-2.77 [-4.51, -1.02]	•
Heterogeneity: Tau <sup>2</sup> =	= 2.20: C	hi² = 3	9.02. df	= 2 (P	< 0.001	001): F	= 95%		
Fest for overall effect				18					
2.2.3 XLS									
neng yaping 2017	3	1.2	28	4.1	2.5	28	11.3%	-0.55 [-1.09, -0.02]	
Subtotal (95% CI)			28			28	11.3%	-0.55 [-1.09, -0.02]	
Heterogeneity: Not a	oplicable	S							7
est for overall effect	Z = 2.03	P = 0	0.04)						
2.2.4 SLBZS									
u aihua2015	3.47	1.34	49	2.89	1.09	49	11.7%	0.47 [0.07, 0.87]	•
in ping2021	2.07	1.36	60	3.51	2.38	60	11.8%	-0.74 [-1.11, -0.37]	•
Subtotal (95% CI)			109			109	23.5%	-0.14 [-1.32, 1.05]	
leterogeneity: Tau <sup>2</sup> =	= 0.69; C	hi² = 1	8.83. df	= 1 (P	< 0.001	01): I <sup>2</sup> =	95%	70 Et 160	9
est for overall effect	Z = 0.23	) (P = 0	0.82)	10		8			
.2.5 CYN									
Subtotal (95% CI)			0			0		Not estimable	
Heterogeneity: Not a	oplicable	S							
est for overall effect			9						
Total (95% CI)			357			357	100.0%	-1.22 [-1.84, -0.60]	
Heterogeneity: Tau <sup>2</sup> =	= 0.81; C	hi² = 1	12.69.	df = 8 (F	< 0.01	0001): I	²= 93%		1,22 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
est for overall effect				- 8		3/0			-100 -50 0 50 1
				df = 3 (F					Favours [experimental] Favours [control]

#### **IBDQ**



TNF

		rimenta			ontrol			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
.3.1 BTWT									
an ting2018	25.09	2.97	32	35.71	3.29	32	0.0%	-10.62 [-12.16, -9.08]	
ng xiuping2021	14.71	7.05	52	27.19	9.04	50	0.0%	-12.48 [-15.63, -9.33]	mas .
ı liang2021	11.63	2.31	30	19.86	1.42	30	7.4%	-8.23 [-9.20, -7.26]	
ie zhenjing2020	13.54	1.65	60	22.65	2.4	60	7.4%	-9.11 [-9.85, -8.37]	•
vei qin2021	13.32	1.71	51	22.12	1.84	51	7.4%	-8.80 [-9.49, -8.11]	
vei yonghui2020	23.67	2.11	65	31.67	3.13	65	0.0%	-8.00 [-8.92, -7.08]	
ubtotal (95% CI)	-00000 tento		141	room roomana		141	22.3%	-8.79 [-9.24, -8.35]	<u> </u>
leterogeneity: Tau <sup>2</sup> =	: 0.00; Chi	r = 2.00	df = 2	(P = 0.3)	$I(t)$ ; $I^2 = 0$	%			
est for overall effect	Z = 38.52	(P < 0.0	)0001)						
.3.2 SYT									
hen jianlin2018	37.27	9.83	36	59.79	12.64	36	6.7%	-22.52 [-27.75, -17.29]	-
hen lijian2014	11.372			32.015		39		-20.64 [-21.49, -19.79]	
xiaofei2021	115.27			154.49		25		-39.22 [-51.45, -26.99]	
vang wei2017	122.13	6.4		137.02	7.35	49		-14.89 [-17.62, -12.16]	
Subtotal (95% CI)	122.13	0.4	75	137.02	7.33	75		-20.69 [-21.53, -19.85]	•
Heterogeneity: Tau² =	- 0.00: Obi	2 - 0 40		/D = 0.40	0) 12 - 0		14.170	-20.09 [-21.55, -19.05]	
Fest for overall effect:			20 3 3 2 5 5 5 5 5 6 7	,	Alla				
2.3.3 XLS ai yi2022	56.27	10.26	38	72.13	10.22	38	6 0%	-15.86 [-20.46, -11.26]	<u> </u>
Subtotal (95% CI)	30.21	10.20	38	12.13	10.22	38		-15.86 [-20.46, -11.26]	•
2.3.4 SLBZS	105.20	10.00	64	15400	22.20	64	0.0%	40.00150.00.44.701	
iang xiang2020 kui2015	105.28 12.8	10.09	36	154.26 21.2		61 37	6.7%	-48.98 [-56.20, -41.76]	
		9993573						-8.40 [-13.75, -3.05]	30 AF 10
limei2021	10.12	5.61	45	25.58	6.33	45	0.0%	-15.46 [-17.93, -12.99]	_
ian youjing2019	34.23	5.14	66	47.14	8.63	66	7.3%	-12.91 [-15.33, -10.49]	
vei guoli2013	13.43	4.11	23	24.38	5.22	23	7.2%	-10.95 [-13.67, -8.23]	The state of the s
in qun2015	12.8	12	37		44.0		0.700		
				21.2	11.3	38	6.7%	-8.40 [-13.68, -3.12]	
**	12.36	5.06	40	22.59	4.65	38 40	7.3%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10]	<u>+</u>
ang ying2018	12.66	11.14	40 43	22.59 22.81	4.65 11.67	38 40 43	7.3% 6.8%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33]	主
ang ying2018 in ping2021	12.66 12.39	11.14 0.56	40 43 60	22.59 22.81 16.45	4.65 11.67 2.32	38 40 43 60	7.3% 6.8% 0.0%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46]	=
ang ying2018 in ping2021 hu tengchi2020	12.66 12.39 13.5	11.14 0.56 4.2	40 43 60 25	22.59 22.81 16.45 25.6	4.65 11.67 2.32 5.7	38 40 43 60 25	7.3% 6.8%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32]	<del>*</del>
ku jiwen2015 yang ying2018 yin ping2021 khu tengchi2020 khu fengchi2020	12.66 12.39	11.14 0.56	40 43 60 25 0	22.59 22.81 16.45	4.65 11.67 2.32	38 40 43 60 25 0	7.3% 6.8% 0.0% 7.2%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable	<u> </u>
rang ying2018 rin ping2021 rhu tengchi2020 rhu fengchi2020 Subtotal (95% CI)	12.66 12.39 13.5 0	11.14 0.56 4.2 0	40 43 60 25 0 <b>270</b>	22.59 22.81 16.45 25.6 0	4.65 11.67 2.32 5.7 0	38 40 43 60 25 0 272	7.3% 6.8% 0.0%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32]	± +
ang ying2018 in ping2021 hu tengchi2020 hu fengchi2020 iubtotal (95% Cl) leterogeneity: Tau² =	12.66 12.39 13.5 0 = 0.00; Chi	11.14 0.56 4.2 0 i² = 5.43,	40 43 60 25 0 <b>270</b> , df = 6	22.59 22.81 16.45 25.6 0	4.65 11.67 2.32 5.7 0	38 40 43 60 25 0 272	7.3% 6.8% 0.0% 7.2%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable	± + •
rang ying 2018 rin ping 2021 thu Tengchi 2020 thu fengchi 2020 Subtotal (95% CI) Heterogeneity: Tau² = Test for overall effect	12.66 12.39 13.5 0 = 0.00; Chi	11.14 0.56 4.2 0 i² = 5.43,	40 43 60 25 0 <b>270</b> , df = 6	22.59 22.81 16.45 25.6 0	4.65 11.67 2.32 5.7 0	38 40 43 60 25 0 272	7.3% 6.8% 0.0% 7.2%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable	± + •
rang ying2018 rin ping2021 rin ping2020 rhu fengchi2020 Subtotal (95% CI) Heterogeneity: Tau² = Fest for overall effect:	12.66 12.39 13.5 0 = 0.00; Chi	11.14 0.56 4.2 0 i² = 5.43,	40 43 60 25 0 <b>270</b> , df = 6	22.59 22.81 16.45 25.6 0	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0°	38 40 43 60 25 0 272	7.3% 6.8% 0.0% 7.2%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable	•
ang ying2018 in ping2021 hu Tengchi2020 hu Tengchi2020 subtotal (95% CI) Heterogeneity: Tau² = est for overall effect u.3.5 CYN u wen2021	12.66 12.39 13.5 0 = 0.00; Chi : Z = 19.08	11.14 0.56 4.2 0 i <sup>2</sup> = 5.43, i (P < 0.0	40 43 60 25 0 <b>270</b> , df = 6	22.59 22.81 16.45 25.6 0 (P = 0.49	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0°	38 40 43 60 25 0 272 %	7.3% 6.8% 0.0% 7.2% <b>49.3</b> %	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable -11.09 [-12.23, -9.95]	•
ang ying2018 in ping2021 hu Tengchi2020 subtotal (95% CI) Heterogeneity: Tau² = Test for overall effect uses to the control of the control uses to the control uses	12.66 12.39 13.5 0 = 0.00; Chi : Z = 19.08	11.14 0.56 4.2 0 i <sup>2</sup> = 5.43, i (P < 0.0	40 43 60 25 0 <b>270</b> , df = 6 00001)	22.59 22.81 16.45 25.6 0 (P = 0.49	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0°	38 40 43 60 25 0 272 %	7.3% 6.8% 0.0% 7.2% <b>49.3</b> %	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable -11.09 [-12.23, -9.95]	+
ang ying2018 in ping2021 hu fengchi2020 hu fengchi2020 Subtotal (95% CI) eleterogeneity: Tau²= est for overall effect: u.3.5 CYN uwen2021 Subtotal (95% CI) eleterogeneity: Not ap	12.66 12.39 13.5 0 = 0.00; Chi : Z = 19.08 1.52	11.14 0.56 4.2 0 i <sup>2</sup> = 5.43, i (P < 0.0	40 43 60 25 0 <b>270</b> , df = 6 00001)	22.59 22.81 16.45 25.6 0 (P = 0.49	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0°	38 40 43 60 25 0 272 %	7.3% 6.8% 0.0% 7.2% <b>49.3</b> %	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable -11.09 [-12.23, -9.95]	+
ang ying2018 in ping2021 hu Tengchi2020 hu Tengchi2020 Subtotal (95% CI) Heterogeneity: Tau* = est for overall effect: 1.3.5 CYN u wen2021 Subtotal (95% CI) Heterogeneity: Not ap est for overall effect:	12.66 12.39 13.5 0 = 0.00; Chi : Z = 19.08 1.52	11.14 0.56 4.2 0 i <sup>2</sup> = 5.43, i (P < 0.0	40 43 60 25 0 <b>270</b> , df = 6 00001)	22.59 22.81 16.45 25.6 0 (P = 0.49	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0°	38 40 43 60 25 0 272 %	7.3% 6.8% 0.0% 7.2% <b>49.3</b> %	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable -11.09 [-12.23, -9.95]	÷ .
ang ying2018 in ping2021 hu fengchi:2020 butotal (95% C) eleterogeneity: Tau² = est for overall effect: 2.3.5 CYN uwen2021 butotal (95% C) eleterogeneity: Not ar est for overall effect: otal (95% C)	12.66 12.39 13.5 0 = 0.00; Chi Z = 19.08 1.52 opplicable : Z = 18.53	11.14 0.56 4.2 0 i <sup>2</sup> = 5.43, i (P < 0.0	40 43 60 25 0 <b>270</b> , df = 6 00001) 35 <b>35</b>	22.59 22.81 16.45 25.6 0 (P = 0.49	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0	38 40 43 60 25 0 272 %	7.3% 6.8% 0.0% 7.2% 49.3% 7.5% 7.5%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable -11.09 [-12.23, -9.95] -0.93 [-1.03, -0.83] -0.93 [-1.03, -0.83]	•
yang ying2018 yin ping2021 thu tengchi2020	12.66 12.39 13.5 0 = 0.00; Chi : Z = 19.08 1.52 pplicable : Z = 18.53	$     \begin{array}{r}       11.14 \\       0.56 \\       \hline       4.2 \\       0     \end{array} $ $     \begin{array}{r}       i^2 = 5.43, \\       i (P < 0.0)     \end{array} $ $     \begin{array}{r}       0.21 \\       \hline       4 (P < 0.0)     \end{array} $	40 43 60 25 0 <b>270</b> , df = 6 00001) 35 <b>35</b> 00001) <b>559</b> 64.65, (6	22.59 22.81 16.45 25.6 0 (P = 0.49	4.65 11.67 2.32 5.7 0 9); I <sup>2</sup> = 0	38 40 43 60 25 0 272 %	7.3% 6.8% 0.0% 7.2% 49.3% 7.5% 7.5%	-8.40 [-13.68, -3.12] -10.23 [-12.36, -8.10] -10.15 [-14.97, -5.33] -4.06 [-4.66, -3.46] -12.10 [-14.88, -9.32] Not estimable -11.09 [-12.23, -9.95] -0.93 [-1.03, -0.83] -0.93 [-1.03, -0.83]	-50 -25 0 25 50 Favours [experimental] Favours [control]

## consistency analysis

### effective

Parameter	PSRF	Number of chains	: 4
d.Mesalamine.BTWT	1.00	Tuning iterations	: 20,000
d.Mesalamine.CYN	1.02	Simulation iterations	: 50,000
d.Mesalamine.SLBZS	1.02	This is a factor of	. 10
d.Mesalamine.SYT	1.05	Thinning interval	: 10
d.Mesalamine.XLS	1.03	Inference samples	: 10,000
sd.d	1.10	Variance scaling factor	r: 2.5

Baron

Parameter	PSRF	Number of chains Tuning iterations	: 4 : 20,000
d.Mesalamine.BTWT	1.00		
d.Mesalamine.SLBZS	1.00	Simulation iterations	: 50,000
d.Mesalamine.SYT	1.00	Thinning interval	: 10
d.Mesalamine.XLS	1.00	Inference samples	: 10,000
sd.d	1.00		
		Variance scaling factor	r: 2.5

# IBDQ

		Number of chains	4
Parameter	PSRF	Tuning iterations	20,000
d.Mesalamine.BTWT	1.00	Simulation iterations	50,000
d.Mesalamine.SYT	1.00	Thinning interval :	10
sd.d	1.00	Inference samples	10,000
		Variance scaling factors	2.5

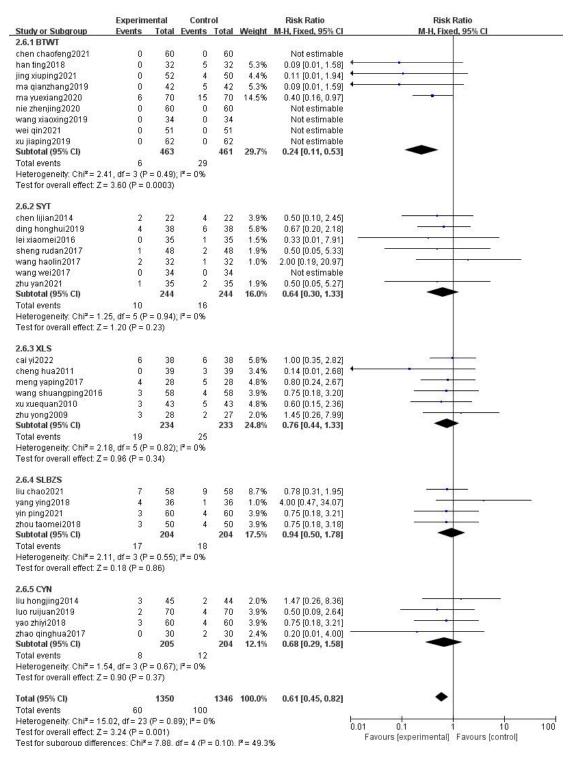
## TNF

Parameter	PSRF	Number of chains	: 4
d.Mesalamine.BTWT	1.00	Tuning iterations	: 20,000
d.Mesalamine.CYN	1.00	Simulation iterations	: 50,000
d.Mesalamine.SLBZS	1.00		3-30-5-20-6
d.Mesalamine.SYT	1.00	Thinning interval	: 10
d.Mesalamine.XLS	1.00	Inference samples	: 10,000
sd.d	1.00	Variance scaling facto	r: 2.5

### Recurrence rate

		Number of chains	: 4
Parameter	PSRF	Tuning iterations	: 20,000
d.Mesalamine.BTWT	1.00	Simulation iterations	: 50,000
d.Mesalamine.SLBZS	1.00	This size internal	. 10
d.Mesalamine.XLS	1.00	Thinning interval	: 10
sd.d	1.00	Inference samples	: 10,000
		Variance scaling factor	: 2.5

Supplementary Figure 3 Consistency and sensitivity analysis.



Supplementary Figure 4 Heterogeneity test of adverse reaction.