

Results of sensitivity analyses with omission of one study at a time:

* Sensitivity analyses were not performed at weeks 36 and 48 because there were just two studies.

--ALT level

Week 2

Influential analysis (Random effects model)

##

| ## | SMD 95%-CI | p-value | tau ² | I ² |
|--------------------------------|----------------------------------|---------------|------------------|----------------|
| ## Omitting L. Peng, 2011 | -0.4150 [-0.8401; 0.0101] | 0.0557 | 0.1808 | 65.70% |
| ## Omitting L. Xu, 2014 | -0.3224 [-0.6622; 0.0175] | 0.0630 | 0.0721 | 41.30% |
| ## Omitting H. Lin, 2012 | -0.4702 [-0.9515; 0.0111] | 0.0555 | 0.2382 | 68.60% |
| ## Omitting H. Luo, 2015 | -0.5132 [-1.0288; 0.0024] | 0.0511 | 0.2789 | 68.30% |
| ## Omitting L. Tong, 2015 | -0.5913 [-0.9924; -0.1902] | 0.0039 | 0.1336 | 55.50% |
| ## Omitting J. Yu, 2012 | -0.4371 [-0.8940; 0.0198] | 0.0608 | 0.2102 | 67.30% |
| ## Omitting Y. Zhang, 2012 | -0.5738 [-0.9924; -0.1552] | 0.0072 | 0.1609 | 61.40% |
| ## | | | | |
| ## Pooled estimate | -0.4740 [-0.8746; -0.0733] | 0.0204 | 0.1757 | 62.60% |

Week 12

Influential analysis (Random effects model)

##

| ## | SMD 95%-CI | p-value | tau ² | I ² |
|-----------------------------------|-----------------------------------|---------------|------------------|----------------|
| ## Omitting Lin B-L,2017 | -0.6135 [-1.1331; -0.0940] | 0.0206 | 0.5873 | 85.90% |
| ## Omitting Mehdi M, 2013 | -0.6409 [-1.1266; -0.1551] | 0.0097 | 0.5109 | 85.70% |
| ## Omitting L. Peng, 2011 | -0.5756 [-1.0594; -0.0917] | 0.0197 | 0.5119 | 85.90% |
| ## Omitting L. Xu, 2014 | -0.4870 [-0.9426; -0.0315] | 0.0361 | 0.4350 | 83.40% |
| ## Omitting Y. Li,2015 | -0.6756 [-1.1539; -0.1972] | 0.0056 | 0.4830 | 83.90% |
| ## Omitting H. Lin,2012 | -0.5849 [-1.0874; -0.0825] | 0.0225 | 0.5464 | 85.90% |
| ## Omitting H. Luo,2015 | -0.6327 [-1.1537; -0.1117] | 0.0173 | 0.5898 | 85.50% |
| ## Omitting S. Ouyang,2013 | -0.6413 [-1.1476; -0.1349] | 0.0131 | 0.5531 | 85.40% |
| ## Omitting L. Tong,2015 | -0.6659 [-1.1490; -0.1829] | 0.0069 | 0.4980 | 84.90% |
| ## Omitting Y. Zhang,2012 | -0.5181 [-0.9911; -0.0452] | 0.0318 | 0.4795 | 84.90% |
| ## Omitting L. Zhuang,2014 | -0.3834 [-0.7204; -0.0465] | 0.0257 | 0.1924 | 68.60% |
| ## | | | | |
| ## Pooled estimate | -0.5844 [-1.0398; -0.1290] | 0.0119 | 0.4854 | 84.40% |

Week 24

Influential analysis (Random effects model)

##

| ## | SMD 95%-CI | p-value | tau ² | I ² |
|---------------------------|----------------------------|---------|------------------|----------------|
| ## Omitting Lin B-L,2017 | -1.0104 [-1.9871; -0.0338] | 0.0426 | 1.6032 | 93.40% |
| ## Omitting L. Peng, 2011 | -0.9854 [-1.8783; -0.0924] | 0.0306 | 1.3432 | 93.50% |
| ## Omitting L. Xu, 2014 | -0.7400 [-1.5690; 0.0891] | 0.0802 | 1.1343 | 92.20% |

| | | | | |
|-----------------------------------|----------------------------------|---------------|---------------|---------------|
| ## Omitting H. Lin,2012 | -1.0125 [-1.9531; -0.0718] | 0.0349 | 1.4823 | 93.40% |
| ## Omitting S. Ouyang,2013 | -1.0243 [-1.9921; -0.0565] | 0.0380 | 1.5722 | 93.30% |
| ## Omitting L. Tong,2015 | -1.0898 [-1.9846; -0.1951] | 0.0170 | 1.3309 | 92.90% |
| ## Omitting L. Zhuang,2014 | -0.4228 [-0.8783; 0.0328] | 0.0689 | 0.2726 | 74.50% |
| ## Omitting Suk KT,2017 | -1.0151 [-1.9604; -0.0698] | 0.0353 | 1.4974 | 93.40% |
| ## | | | | |
| ## Pooled estimate | -0.9109 [-1.7205; -0.1013] | 0.0274 | 1.2406 | 92.50% |