




**Supplement Figure.1 Risk of Bias graph**

Items							Author, year
L	U	U	U	L	U	U	Wenzhong Zhang, 2013
L	U	U	U	L	U	U	Weibin Gao, 2007
L	U	L	H	L	U	L	Dahua Wu, 2007
L	U	U	U	H	H	U	Guolan Ge, 2013
L	U	U	U	H	U	U	Linghua Deng, 2014
L	L	U	U	L	L	L	Congling Sun, 2008
L	U	U	U	L	U	L	Anyuan Li, 2008
L	U	U	U	L	U	L	Ruiping Ma, 2006
L	U	U	U	L	U	L	Anyuan Li, 2013
L	U	U	U	L	U	U	Riming Wu, 2004
L	U	U	U	L	U	U	Ying Tang, 2015
L	U	U	U	L	U	U	Hengping Chen, 2009
L	U	U	U	L	U	U	Guiping Li, 2013
L	U	U	U	L	U	U	Xiubo Du, 2011
L	U	U	U	L	U	U	Yan Liu, 2009
L	U	U	U	L	U	U	Bo wang, 2013
L	U	U	U	L	U	L	Lijun Deng, 2015
L	U	U	U	L	U	L	Feifei Chen, 2011
L	L	L	U	L	L	L	Tingting Fu, 2007
L	U	U	U	L	U	U	Feng Han, 2015
L	U	U	U	L	U	U	Huawei Li, 2011

L	U	U	U	L	U	H	Rongyi Zhou, 2016
L	U	U	U	L	U	L	Siyuan Hu, 2014
L	U	U	U	L	U	H	Qi Sun, 2016
L	U	U	U	H	U	U	Lifeng Shi, 2009
L	L	L	H	L	L	L	Yi Zheng,2016
L	U	L	H	L	L	L	Jinhui Li, 2016
L	U	L	L	L	U	L	Xingyou Zhao, 2007
L	U	L	H	L	L	L	Na Yang, 2016
L	U	U	U	H	U	H	Rong Ma, 2010
L	U	U	U	L	U	U	Zheng Hong, 2015
L	U	U	U	L	U	L	Meiying Liu, 2011
L	U	L	H	L	U	L	Jin Li, 2010
L	U	U	U	L	U	U	Haiying Wei, 2013
L	U	U	U	L	U	U	Di Zhang, 2013
L	U	U	U	L	U	U	Chuang Zhao, 2014
L	U	L	H	L	L	L	L Zhao,2010
L	U	U	U	L	U	L	Anyuan Li, 2009
L	U	U	U	L	U	L	Min Wu, 2010
L	U	U	U	L	L	L	Min Wu, 2009
L	U	U	U	L	U	U	Yunchou Wu,2015
L	U	U	U	H	H	U	Feng Yang, 2012
L	U	U	U	L	U	U	Fen Wang, 2011
L	U	U	U	L	U	U	Xinhui Shan, 2016

	L	U	U	U	L	L	U	Jiaomei Feng, 2011
	L	U	U	U	L	U	U	Jinping Fan, 2017
	L	U	U	U	L	U	U	Jingyu Qiu, 2010
Random sequence generation (selection bias)	L	U	U	U	L	L	U	
Allocation concealment (selection bias)	L	U	U	U	L	L	U	
Blinding of participants and personnel (performance bias)	L	U	U	U	L	L	U	
Blinding of outcome assessment (detection bias)	L	U	U	U	L	L	U	
Incomplete outcome data (attrition bias)	L	U	U	U	L	L	U	
Selective reporting (reporting bias)	L	U	U	U	L	L	U	
Other bias	L	U	U	U	L	L	U	
								 <b>Low risk</b>  <b>Unclear risk</b>  <b>High risk</b>