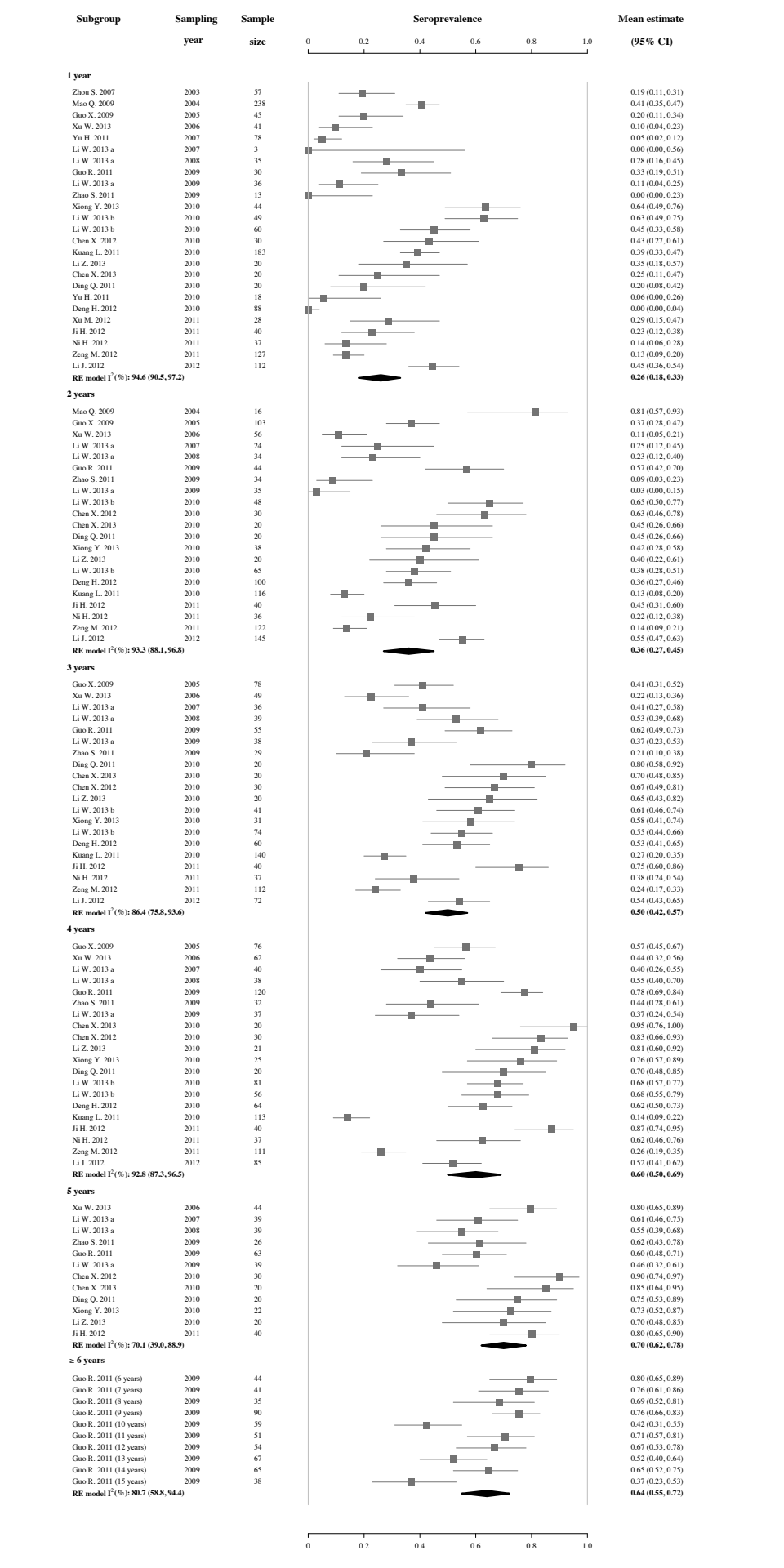
Subgroup
Sampling year
Sample size
Seroprevalence
0 0.2 0.4 0.6 0.8 1.0
Mean estimate (95% CI)
1 year
Zhou S. 2007 2003 57 0.19 (0.11, 0.31)
Mao Q. 2009 2004 238 0.41 (0.35, 0.47)
Guo X. 2009 2005 45 0.20 (0.11, 0.34)
Xu W. 2013 2006 41 0.10 (0.04, 0.23)
Yu H. 2011 2007 78 0.05 (0.02, 0.12)
Li W. 2013 a 2007 3 0.00 (0.00, 0.56)
Li W. 2013 a 2008 35 0.28 (0.16, 0.45)
Guo R. 2011 2009 30 0.33 (0.19, 0.51)
Li W. 2013 a 2009 36 0.11 (0.04, 0.25)
Zhao S. 2011 2009 13 0.00 (0.00, 0.23)
Xiong Y. 2013 2010 44 0.64 (0.49, 0.76)
Li W. 2013 b 2010 49 0.63 (0.49, 0.75)
Li W. 2013 b 2010 60 0.45 (0.33, 0.58)
Chen X. 2012 2010 30 0.43 (0.27, 0.61)
Kuang L. 2011 2010 183 0.39 (0.33, 0.47)
Li Z. 2013 2010 20 0.35 (0.18, 0.57)
Chen X. 2013 2010 20 0.25 (0.11, 0.47)
Ding Q. 2011 2010 20 0.20 (0.08, 0.42)
Yu H. 2011 2010 18 0.06 (0.00, 0.26)
Deng H. 2012 2010 88 0.00 (0.00, 0.04)
Xu M. 2012 2011 28 0.29 (0.15, 0.47)
Ji H. 2012 2011 40 0.23 (0.12, 0.38)
Ni H. 2012 2011 37 0.14 (0.06, 0.28)
Zeng M. 2012 2011 127 0.13 (0.09, 0.20)
Li J. 2012 2012 112 0.45 (0.36, 0.54)
RE model I² (%): 94.6 (90.5, 97.2) 0.26 (0.18, 0.33)
2 years
Mao Q. 2009 2004 16 0.81 (0.57, 0.93)
Guo X. 2009 2005 103 0.37 (0.28, 0.47)
Xu W. 2013 2006 56 0.11 (0.05, 0.21)
Li W. 2013 a 2007 24 0.25 (0.12, 0.45)
Li W. 2013 a 2008 34 0.23 (0.12, 0.40)
Guo R. 2011 2009 44 0.57 (0.42, 0.70)
Zhao S. 2011 2009 34 0.09 (0.03, 0.23)
Li W. 2013 a 2009 35 0.03 (0.00, 0.15)
Li W. 2013 b 2010 48 0.65 (0.50, 0.77)
Chen X. 2012 2010 30 0.63 (0.46, 0.78)
Chen X. 2013 2010 20 0.45 (0.26, 0.66)
Ding Q. 2011 2010 20 0.45 (0.26, 0.66)
Xiong Y. 2013 2010 38 0.42 (0.28, 0.58)
Li Z. 2013 2010 20 0.40 (0.22, 0.61)
Li W. 2013 b 2010 65 0.38 (0.28, 0.51)
Deng H. 2012 2010 100 0.36 (0.27, 0.46)
Kuang L. 2011 2010 116 0.13 (0.08, 0.20)
Ji H. 2012 2011 40 0.45 (0.31, 0.60)
Ni H. 2012 2011 36 0.22 (0.12, 0.38)
Zeng M. 2012 2011 122 0.14 (0.09, 0.21)
Li J. 2012 2012 145 0.55 (0.47, 0.63)
RE model I² (%): 93.3 (88.1, 96.8) 0.36 (0.27, 0.45)
3 years
Guo X. 2009 2005 78 0.41 (0.31, 0.52)
Xu W. 2013 2006 49 0.22 (0.13, 0.36)
Li W. 2013 a 2007 36 0.41 (0.27, 0.58)
Li W. 2013 a 2008 39 0.53 (0.39, 0.68)
Guo R. 2011 2009 55 0.62 (0.49, 0.73)
Li W. 2013 a 2009 38 0.37 (0.23, 0.53)
Zhao S. 2011 2009 29 0.21 (0.10, 0.38)
Ding Q. 2011 2010 20 0.80 (0.58, 0.92)
Chen X. 2013 2010 20 0.70 (0.48, 0.85)
Chen X. 2012 2010 30 0.67 (0.49, 0.81)
Li Z. 2013 2010 20 0.65 (0.43, 0.82)
Li W. 2013 b 2010 41 0.61 (0.46, 0.74)
Xiong Y. 2013 2010 31 0.58 (0.41, 0.74)
Li W. 2013 b 2010 74 0.55 (0.44, 0.66)
Deng H. 2012 2010 60 0.53 (0.41, 0.65)
Kuang L. 2011 2010 140 0.27 (0.20, 0.35)
Ji H. 2012 2011 40 0.75 (0.60, 0.86)
Ni H. 2012 2011 37 0.38 (0.24, 0.54)
Zeng M. 2012 2011 112 0.24 (0.17, 0.33)
Li J. 2012 2012 72 0.54 (0.43, 0.65)
RE model I² (%): 86.4 (75.8, 93.6) 0.50 (0.42, 0.57)
4 years
Guo X. 2009 2005 76 0.57 (0.45, 0.67)
Xu W. 2013 2006 62 0.44 (0.32, 0.56)
Li W. 2013 a 2007 40 0.40 (0.26, 0.55)
Li W. 2013 a 2008 38 0.55 (0.40, 0.70)
Guo R. 2011 2009 120 0.78 (0.69, 0.84)
Zhao S. 2011 2009 32 0.44 (0.28, 0.61)
Li W. 2013 a 2009 37 0.37 (0.24, 0.54)
Chen X. 2013 2010 20 0.95 (0.76, 1.00)
Chen X. 2012 2010 30 0.83 (0.66, 0.93)
Li Z. 2013 2010 21 0.81 (0.60, 0.92)
Xiong Y. 2013 2010 25 0.76 (0.57, 0.89)
Ding Q. 2011 2010 20 0.70 (0.48, 0.85)
Li W. 2013 b 2010 81 0.68 (0.57, 0.77)
Li W. 2013 b 2010 56 0.68 (0.55, 0.79)
Deng H. 2012 2010 64 0.62 (0.50, 0.73)
Kuang L. 2011 2010 113 0.14 (0.09, 0.22)
Ji H. 2012 2011 40 0.87 (0.74, 0.95)
Ni H. 2012 2011 37 0.62 (0.46, 0.76)
Zeng M. 2012 2011 111 0.26 (0.19, 0.35)
Li J. 2012 2012 85 0.52 (0.41, 0.62)
RE model I² (%): 92.8 (87.3, 96.5) 0.60 (0.50, 0.69)
5 years
Xu W. 2013 2006 44 0.80 (0.65, 0.89)
Li W. 2013 a 2007 39 0.61 (0.46, 0.75)
Li W. 2013 a 2008 39 0.55 (0.39, 0.68)
Zhao S. 2011 2009 26 0.62 (0.43, 0.78)
Guo R. 2011 2009 63 0.60 (0.48, 0.71)
Li W. 2013 a 2009 39 0.46 (0.32, 0.61)
Chen X. 2012 2010 30 0.90 (0.74, 0.97)
Chen X. 2013 2010 20 0.85 (0.64, 0.95)
Ding Q. 2011 2010 20 0.75 (0.53, 0.89)
Xiong Y. 2013 2010 22 0.73 (0.52, 0.87)
Li Z. 2013 2010 20 0.70 (0.48, 0.85)
Ji H. 2012 2011 40 0.80 (0.65, 0.90)
RE model I² (%): 70.1 (39.0, 88.9) 0.70 (0.62, 0.78)
≥ 6 years
Guo R. 2011 (6 years) 2009 44 0.80 (0.65, 0.89)
Guo R. 2011 (7 years) 2009 41 0.76 (0.61, 0.86)
Guo R. 2011 (8 years) 2009 35 0.69 (0.52, 0.81)
Guo R. 2011 (9 years) 2009 90 0.76 (0.66, 0.83)
Guo R. 2011 (10 years) 2009 59 0.42 (0.31, 0.55)
Guo R. 2011 (11 years) 2009 51 0.71 (0.57, 0.81)
Guo R. 2011 (12 years) 2009 54 0.67 (0.53, 0.78)
Guo R. 2011 (13 years) 2009 67 0.52 (0.40, 0.64)
Guo R. 2011 (14 years) 2009 65 0.65 (0.52, 0.75)
Guo R. 2011 (15 years) 2009 38 0.37 (0.23, 0.53)
RE model I² (%): 80.7 (58.8, 94.4) 0.64 (0.55, 0.72)
0 0.2 0.4 0.6 0.8 1.0