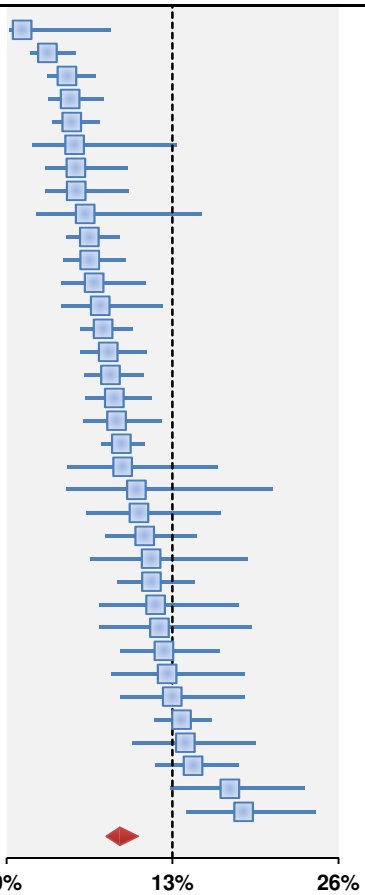
Figure S1. Prevalence of hepatitis B virus infection among Chinese MSM.

Study	Study Year	Study Region	Biomarker	Event (n / N)	Event rate	Lower limit	Upper limit	Weight (%) (random)
Wang CH, 2007	2006	North	HBsAg	1 / 82	0.012	0.002	0.081	0.52
Zhou J, 2008	2006	Southwest	HBsAg	13 / 406	0.032	0.019	0.054	2.62
Ruan YH, 2009	2007	North	HBsAg	24 / 507	0.047	0.032	0.070	3.10
Sun ML, 2009	2008	Northeast	HBsAg	20 / 401	0.050	0.032	0.076	2.97
Zhou ZH, 2010	2008	North	HBsAg	28 / 550	0.051	0.035	0.073	3.20
Sun ZX, 2007	-	East	HBsAg	4 / 75	0.053	0.020	0.134	1.46
Xue FH, 2010	2009	East	HBsAg	11 / 203	0.054	0.030	0.095	2.45
Guo Y, 2004	2003	Northeast	HBsAg	11 / 202	0.054	0.030	0.096	2.45
Hu JL, 2008	2007	East	HBsAg	4 / 65	0.062	0.023	0.153	1.45
Ruan YH, 2009	2007	North	HBsAg	35 / 541	0.065	0.047	0.089	3.33
Xu H, 2009	-	Northeast	HBsAg	26 / 400	0.065	0.045	0.094	3.15
Zhang R, 2011	2009	East	HBsAg	16 / 233	0.069	0.042	0.109	2.77
Zhang R, 2011	2008	East	HBsAg	13 / 177	0.073	0.043	0.122	2.58
Han XY, 2007	2007	East	HBsAg	48 / 635	0.076	0.057	0.099	3.48
Ma XY, 2007	2005	North	HBsAg	34 / 427	0.080	0.057	0.109	3.30
Ma XY, 2007	2006	North	HBsAg	44 / 540	0.081	0.061	0.108	3.44
Wang Q, 2009	2008	Northeast	HBsAg	38 / 450	0.084	0.062	0.114	3.36
Ma XY, 2007	2004	North	HBsAg	28 / 325	0.086	0.060	0.122	3.18
Wang C, 2012	2011	North	HBsAg	100 / 1111	0.090	0.075	0.108	3.73
Jiang J, 2005	2003	East	HBsAg	9 / 99	0.091	0.048	0.166	2.21
Cai GF, 2008	2006	East	HBsAg	6 / 59	0.102	0.046	0.208	1.80
Zhang R, 2011	2007	East	HBsAg	14 / 135	0.104	0.062	0.168	2.62
Guo HX, 2009	2006	East	HBsAg	32 / 296	0.108	0.077	0.149	3.25
Zhang R, 2011	2006	East	HBsAg	12 / 106	0.113	0.065	0.189	2.47
He Q, 2011	2006	South Central	HBsAg	48 / 423	0.113	0.087	0.147	3.46
Guo HX, 2009	2007	East	HBsAg	16 / 137	0.117	0.073	0.182	2.73
He Q, 2005	2003	South Central	HBsAg	14 / 117	0.120	0.072	0.192	2.60
Lu CG, 2006	2005	Southwest	HBsAg	34 / 276	0.123	0.089	0.167	3.27
Chen G, 2010	2008	East	HBsAg	20 / 159	0.126	0.083	0.187	2.90
Chen SH, 2010	2006	South Central	HBsAg	24 / 185	0.130	0.088	0.186	3.04
Chen SH, 2010	2008	South Central	HBsAg	124 / 905	0.137	0.116	0.161	3.77
Lu CG, 2006	2005	Southwest	HBsAg	28 / 200	0.140	0.098	0.195	3.14
Chen SH, 2010	2008	South Central	HBsAg	66 / 452	0.146	0.116	0.182	3.58
He Q, 2006	2004	South Central	HBsAg	35 / 200	0.175	0.128	0.234	3.26
Chen SH, 2010	2007	South Central	HBsAg	42 / 226	0.186	0.140	0.242	3.35
Total (95% CI)					0.089	0.078	0.102	

Test of heterogenity: I^2=79.51%, *p<0.001*

Test of overall effect: Z=-29.34, p<0.001