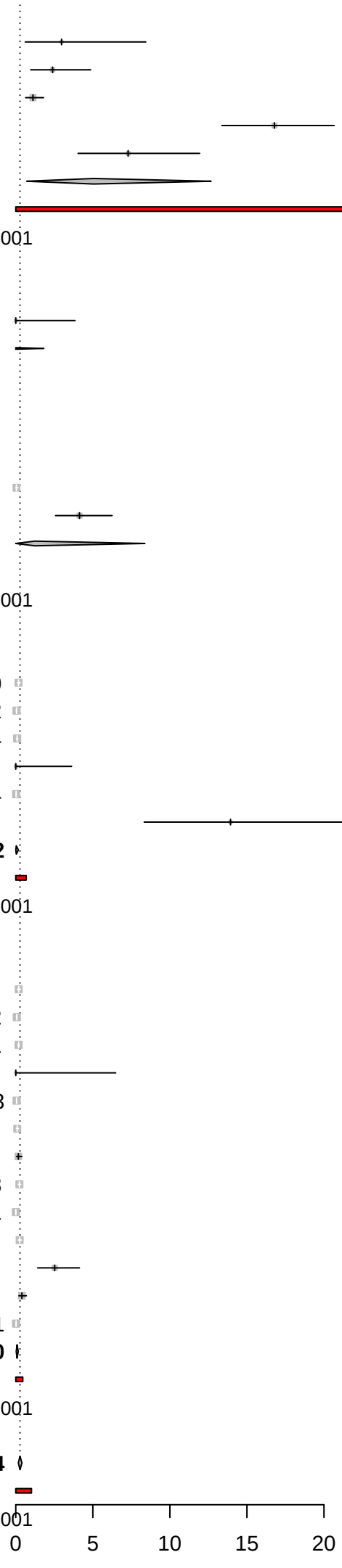
Appendix S10: The pooled global prevalence of hepatitis B virus infection in HBsAg negative blood donors

Study	Positive	Total	Prevalence (%)	95% CI	Weight
HbSAg Negative_ Africa					
Akinbami, 2019_Nigeria	3	101	2.97	[0.62; 8.44]	0.8%
Aluora, 2020_Kenya	7	293	2.39	[0.97; 4.86]	1.8%
Mabunda, 2020_Mozambique	16	1435	1.11	[0.64; 1.80]	3.8%
Oluyinka, 2015_Nigeria	72	429	16.78	[13.37; 20.66]	2.3%
Osuji, 2020_Nigeria	14	192	7.29	[4.04; 11.93]	1.4%
Random effect meta−analysis		**2450**	**5.05**	**[0.71; 12.67]**	**10.1%**
Prediction interval	.	.		**[0.00; 47.41]**	**−−**
Heterogeneity: I^2 = 97.1% [95.3%; 98.3%], τ^2 = 0.0228, p < 0.0001					
HbSAg Negative_ America					
Fernández−Galindo, 2020_Mexico	0	94	0.00	[0.00; 3.85]	0.8%
Random effect meta−analysis		**94**	**0.00**	**[0.00; 1.82]**	**0.8%**
Prediction interval	.	.			**−−**
Heterogeneity: not applicable					
HbSAg Negative_ Eastern Mediterranean					
Alizadeh, 2014_Iran	2	5000	0.04	[0.00; 0.14]	4.8%
El−Ghitany, 2013_Egypt	21	508	4.13	[2.58; 6.25]	2.5%
Random effect meta−analysis		**5508**	**1.23**	**[0.00; 8.38]**	**7.3%**
Prediction interval	.	.			**−−**
Heterogeneity: I^2 = 98.4% [96.5%; 99.3%], τ^2 = 0.0168, p < 0.0001					
HbSAg Negative_ South−East Asia					
Chaurasia, 2016_India	18	10010	0.18	[0.11; 0.28]	5.1%
Das, 2019_India	24	48712	0.05	[0.03; 0.07]	5.3%
Doda, 2014_India	25	28134	0.09	[0.06; 0.13]	5.3%
Duseja, 2003_India	0	100	0.00	[0.00; 3.62]	0.8%
Keechilot, 2016_India	5	24214	0.02	[0.01; 0.05]	5.2%
Mardian, 2017_Indonesia	17	122	13.93	[8.33; 21.37]	0.9%
Random effect meta−analysis		**111292**	**0.04**	**[0.00; 0.17]**	**22.6%**
Prediction interval	.	.		**[0.00; 0.68]**	**−−**
Heterogeneity: I^2 = 94.5% [90.6%; 96.8%], τ^2 = 0.0003, p < 0.0001					
HbSAg Negative_ Western Pacific					
Chang−rong, 2009_China	17	9023	0.19	[0.11; 0.30]	5.0%
Guo, 2017_China	27	43022	0.06	[0.04; 0.09]	5.3%
Huang, 2012_China	70	38191	0.18	[0.14; 0.23]	5.3%
Hudu, 2016_Malaysia	0	55	0.00	[0.00; 6.49]	0.5%
liao, 2017_China	60	110843	0.05	[0.04; 0.07]	5.3%
Lie−Yong, 2011_China	8	8644	0.09	[0.04; 0.18]	5.0%
liu , 2010_China	5	2972	0.17	[0.05; 0.39]	4.5%
Magvansuren, 2015_Mongolia	35	14948	0.23	[0.16; 0.33]	5.2%
Shang, 2009_China	2	41301	0.00	[0.00; 0.02]	5.3%
Yong−Ping, 2011_China	25	9972	0.25	[0.16; 0.37]	5.1%
Yu, 2012_China	15	594	2.53	[1.42; 4.13]	2.7%
Yuen, 2010_China	12	3044	0.39	[0.20; 0.69]	4.5%
Zheng, 2011_China	33	165371	0.02	[0.01; 0.03]	5.3%
Random effect meta−analysis		**447980**	**0.08**	**[0.03; 0.16]**	**59.1%**
Prediction interval	.	.		**[0.00; 0.45]**	**−−**
Heterogeneity: I^2 = 96.1% [94.7%; 97.2%], τ^2 = 0.0002, p < 0.0001					
Overall random effect meta−analysis		**567324**	**0.27**	**[0.17; 0.40]**	**100.0%**
Prediction interval				**[0.00; 1.02]**	
Heterogeneity: I^2 = 97.0% [96.3%; 97.5%], τ^2 = 0.0004, p < 0.0001					
Test for subgroup differences: χ^2_4 = 8.38, df = 4 (p = 0.0786)