

Figure S1- Meta-analysis of HCV prevalence by decades

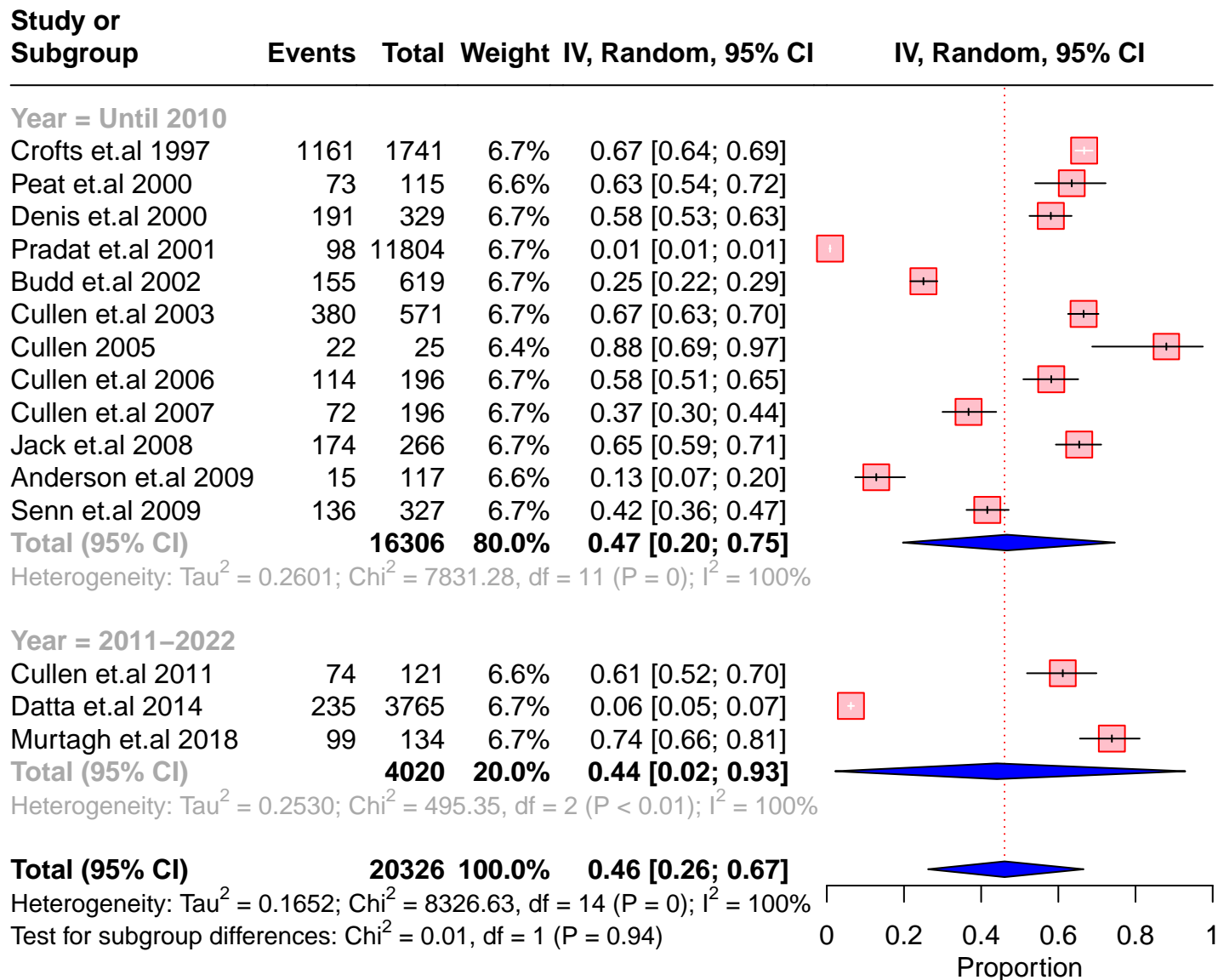


Figure S2 - Meta-analysis of HCV cure rate by subgroup decades

**Study or
Subgroup**

Events Total Weight IV, Random, 95% CI

IV, Random, 95% CI

Year = Until 2010

Jack et.al 2008 13 30 29.6% 0.43 [0.25; 0.63]

Anderson et.al 2009 1 2 7.3% 0.50 [0.01; 0.99]

Total (95% CI) 32 36.9% 0.43 [0.23; 0.64]

Heterogeneity: $\text{Tau}^2 = 0$; $\text{Chi}^2 = 0.04$, $\text{df} = 1$ ($P = 0.8440$); $I^2 = 0\%$

Year = 2011 –2022

Seidenberg et al. 2013 28 35 30.8% 0.80 [0.63; 0.92]

Wade et.al 2019 28 43 32.3% 0.65 [0.49; 0.79]

Total (95% CI) 78 63.1% 0.72 [0.57; 0.86]

Heterogeneity: $\text{Tau}^2 = 0.0067$; $\text{Chi}^2 = 2.04$, $\text{df} = 1$ ($P = 0.1530$); $I^2 = 51\%$

Total (95% CI) 110 100.0% 0.64 [0.43; 0.83]

Heterogeneity: $\text{Tau}^2 = 0.0216$; $\text{Chi}^2 = 9.51$, $\text{df} = 3$ ($P = 0.0232$); $I^2 = 68\%$

Test for subgroup differences: $\text{Chi}^2 = 5.83$, $\text{df} = 1$ ($P = 0.0157$)

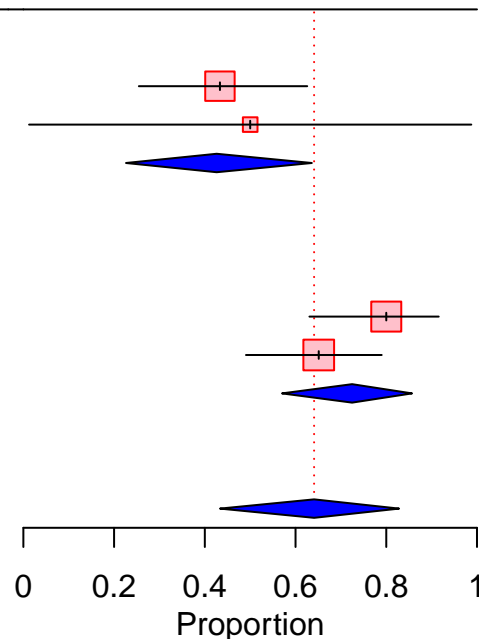


Figure S3: Meta-analysis of OST user by subgroup decades

**Study or
Subgroup**

Events Total Weight IV, Random, 95% CI

IV, Random, 95% CI

Year = Until 2010

Crofts et.al 1997	51	1741	8.4%	0.03 [0.02; 0.04]
Cullen et.al 2003	571	571	8.4%	1.00 [0.99; 1.00]
Cullen 2005	23	25	8.3%	0.92 [0.74; 0.99]
Cullen et.al 2006	196	196	8.4%	1.00 [0.98; 1.00]
Cullen et.al 2007	196	196	8.4%	1.00 [0.98; 1.00]
Jack et.al 2008	353	353	8.4%	1.00 [0.99; 1.00]
Anderson et.al 2009	14	17	8.2%	0.82 [0.57; 0.96]
Senn et.al 2009	387	387	8.4%	1.00 [0.99; 1.00]
Total (95% CI)	3486	66.7%	0.92 [0.43; 1.00]	

Heterogeneity: $\text{Tau}^2 = 0.6695$; $\text{Chi}^2 = 6504.69$, $\text{df} = 7$ ($P = 0$); $I^2 = 100\%$

Year = 2011–2022

Seidenberg et al. 2013	85	85	8.3%	1.00 [0.96; 1.00]
Murtagh et.al 2018	134	134	8.4%	1.00 [0.97; 1.00]
Wade et.al 2019	54	70	8.3%	0.77 [0.66; 0.86]
Heard et.al 2020	13	27	8.3%	0.48 [0.29; 0.68]
Total (95% CI)	316	33.3%	0.89	[0.64; 1.00]

Heterogeneity: $\text{Tau}^2 = 0.0945$; $\text{Chi}^2 = 86.21$, $\text{df} = 3$ ($P < 0.01$); $I^2 = 97\%$

Total (95% CI) **3802** **100.0%** **0.91 [0.53; 1.00]**

Heterogeneity: $\text{Tau}^2 = 0.6083$; $\text{Chi}^2 = 6883.99$, $\text{df} = 11$ ($P = 0$); $I^2 = 100\%$

Test for subgroup differences: $\text{Chi}^2 = 0.03$, $\text{df} = 1$ ($P = 0.87$)

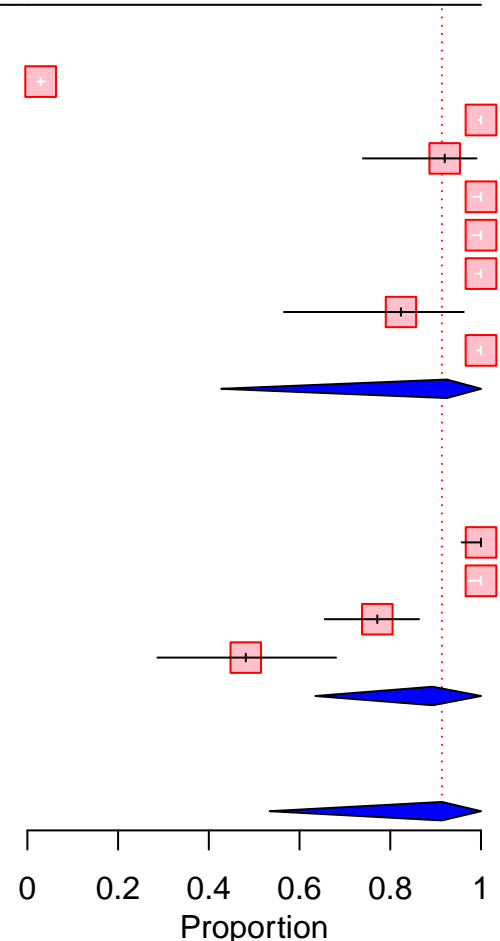


Figure S4: Risk of bias summary of included studies

