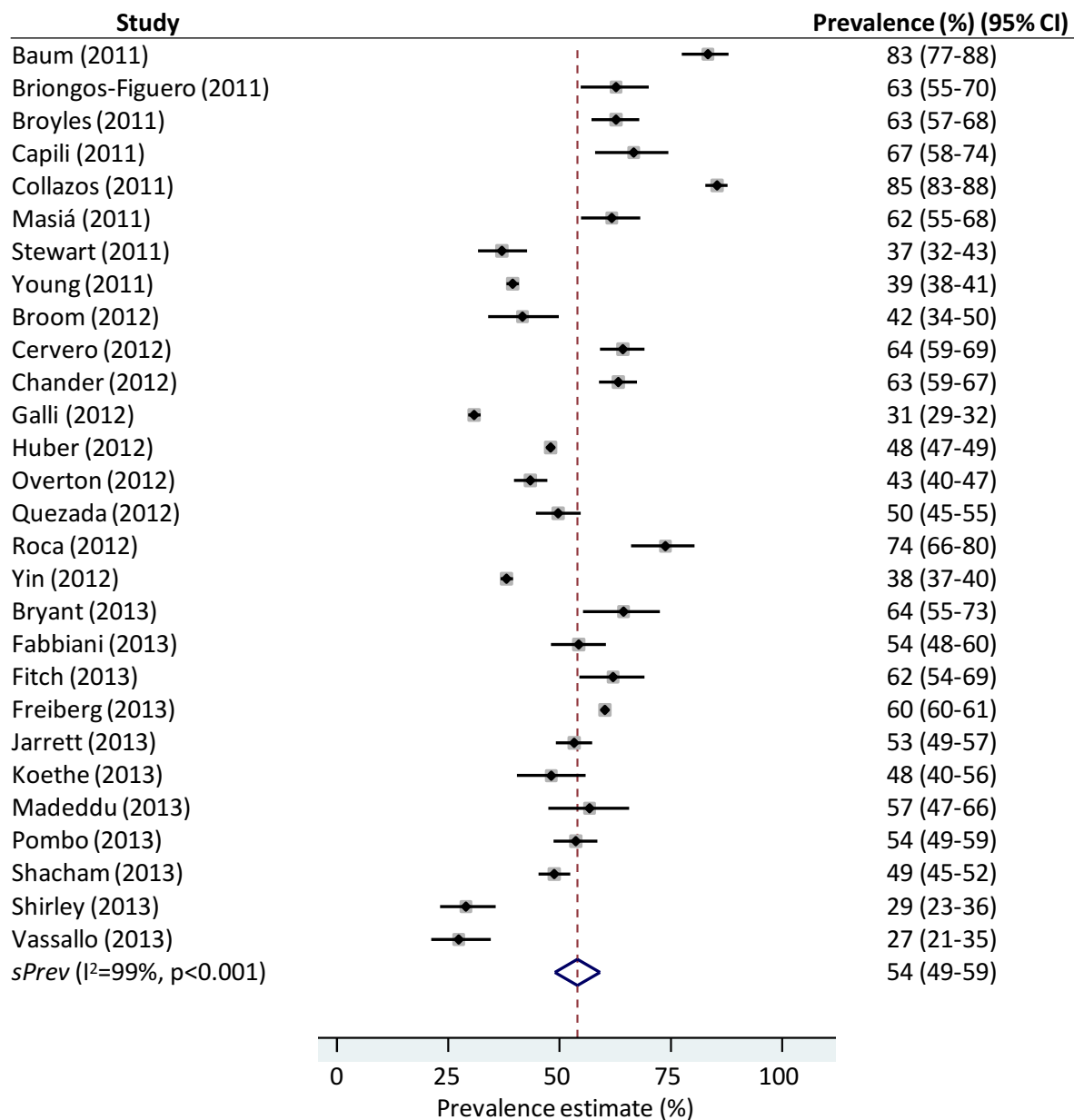
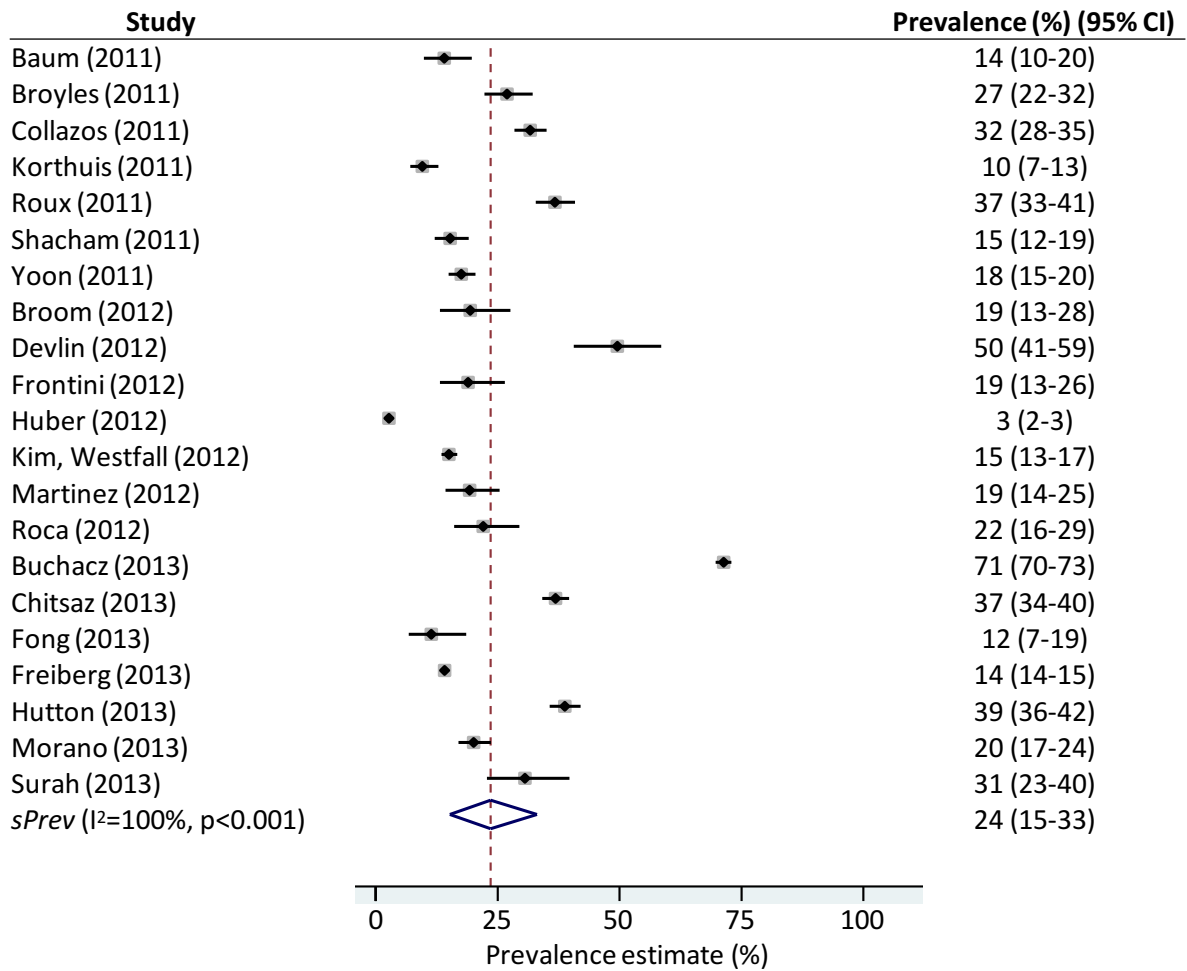


**Supplemental Figure S1. Selected forest plots for random effects meta-analyses of prevalence of cancer risk factors among adult persons living with HIV/AIDS in Western high-income countries.**

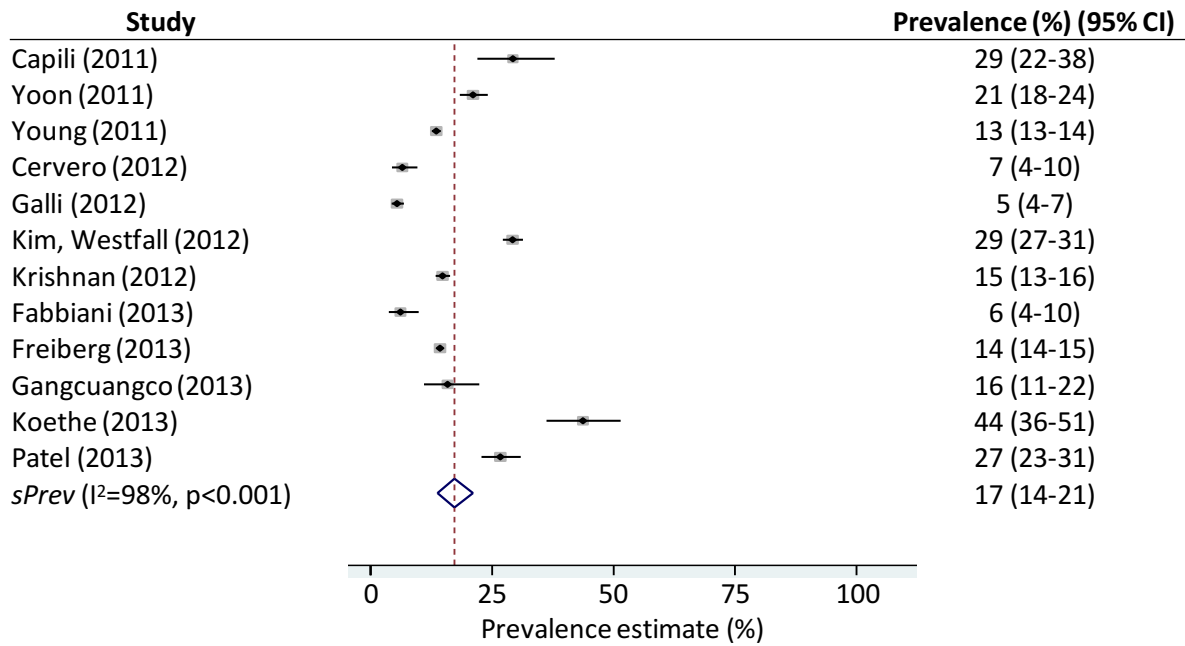
**(a) Current smoking prevalence among overall<sup>a</sup>**



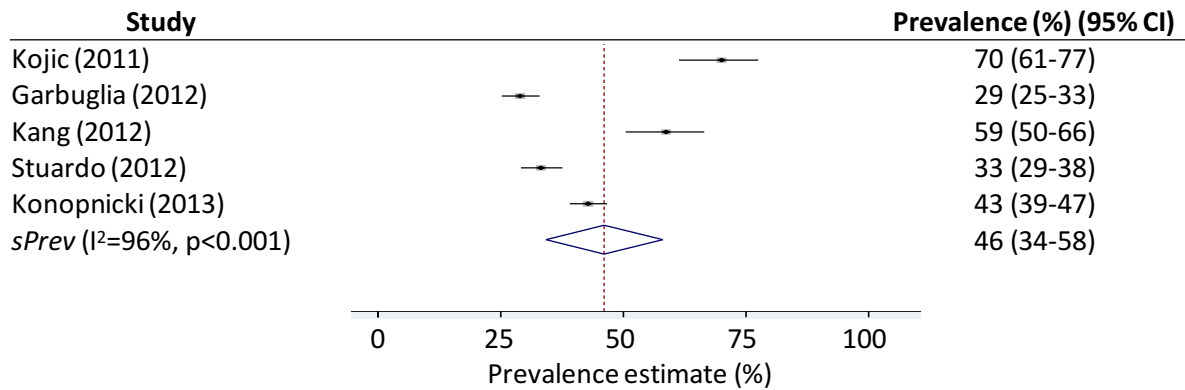
**(b) Hazardous alcohol consumption prevalence among overall<sup>a</sup>**



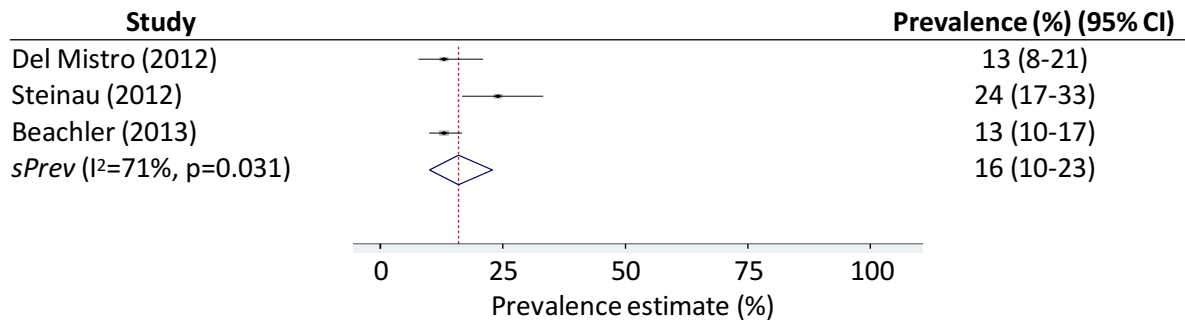
**(c) Obesity prevalence among overall<sup>a</sup>**



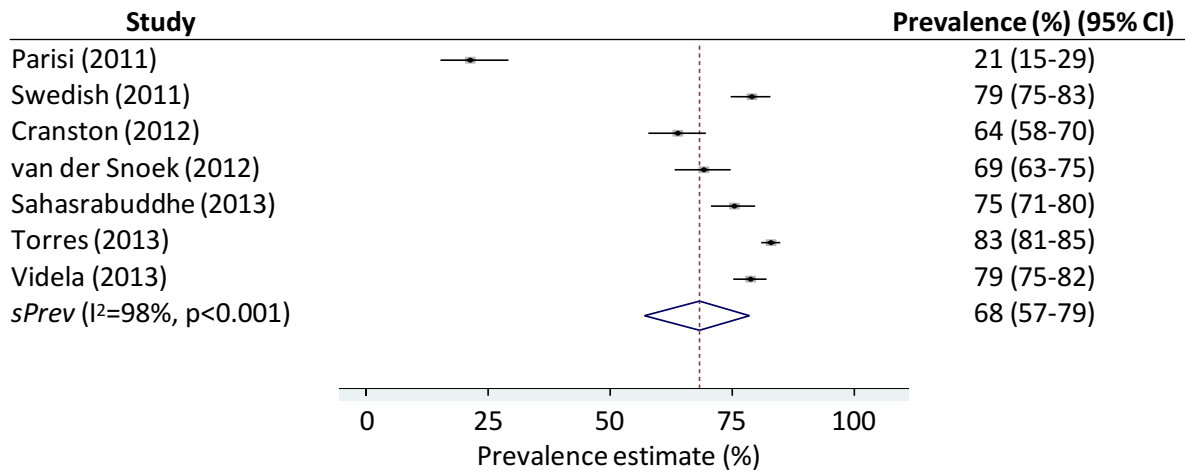
**(d) Cervical high-risk human papillomavirus infection prevalence**



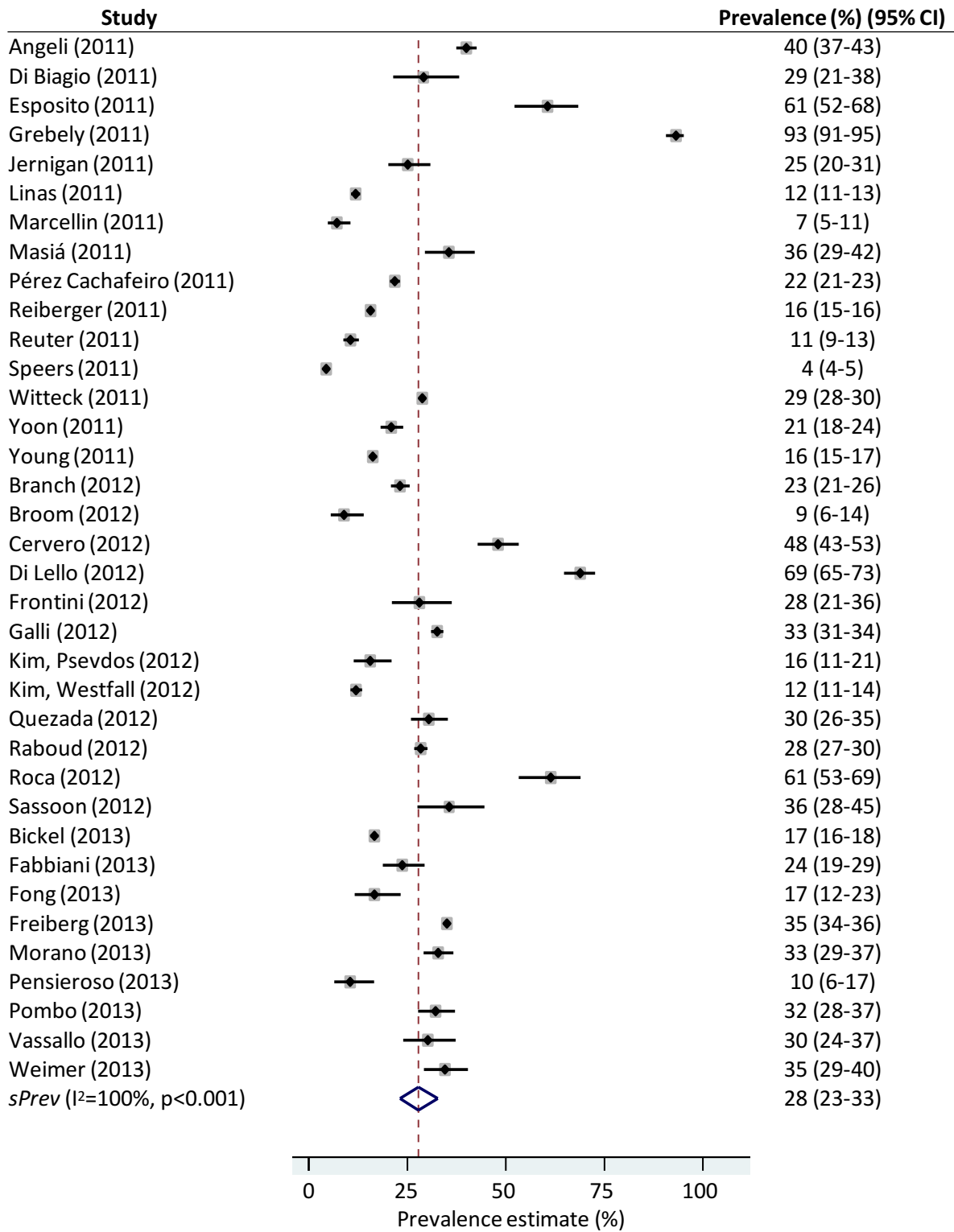
**(e) Oral high-risk human papillomavirus infection prevalence among overall<sup>a</sup>**



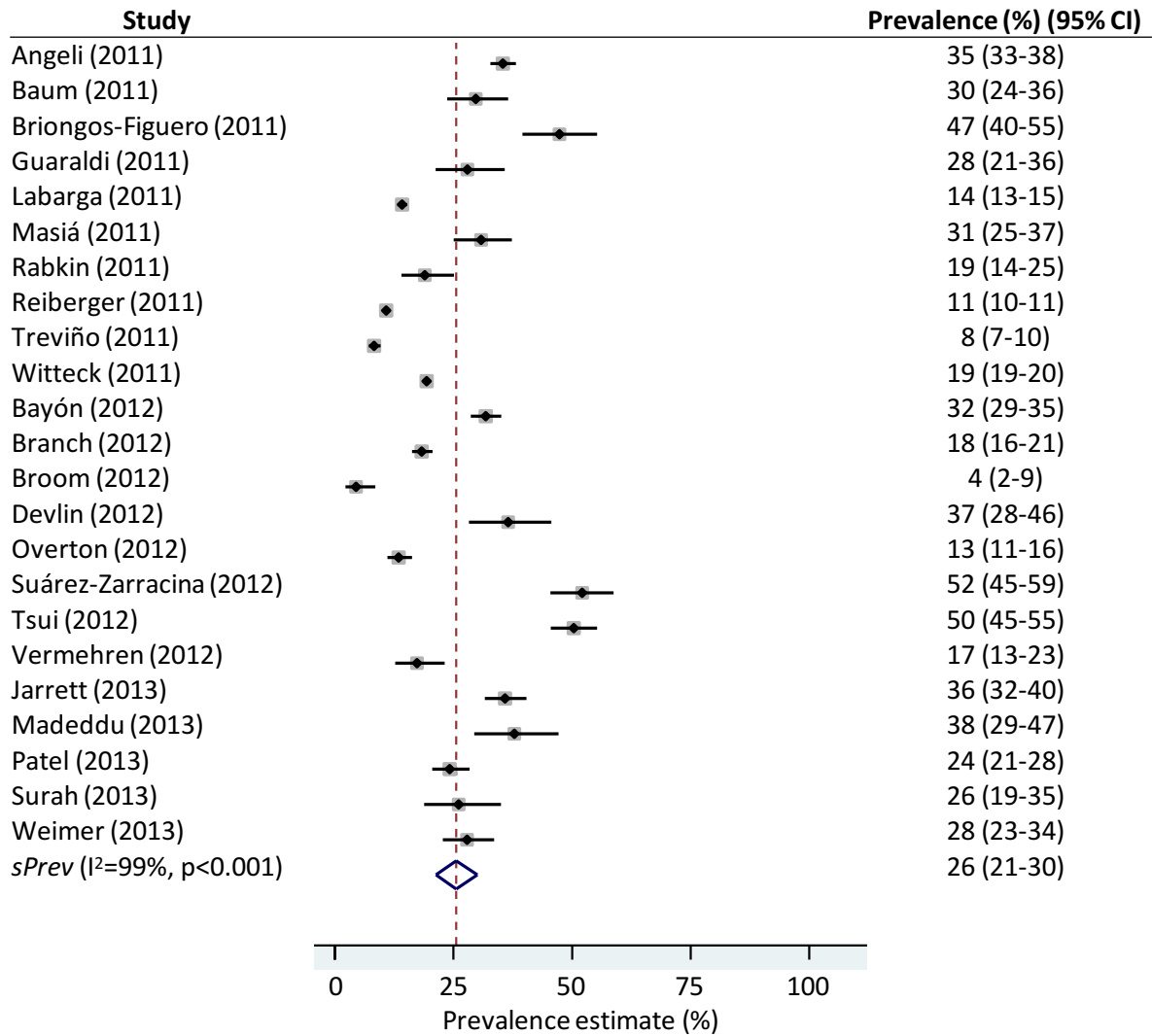
**(f) Anal high-risk human papillomavirus infection prevalence among men who have sex with men**



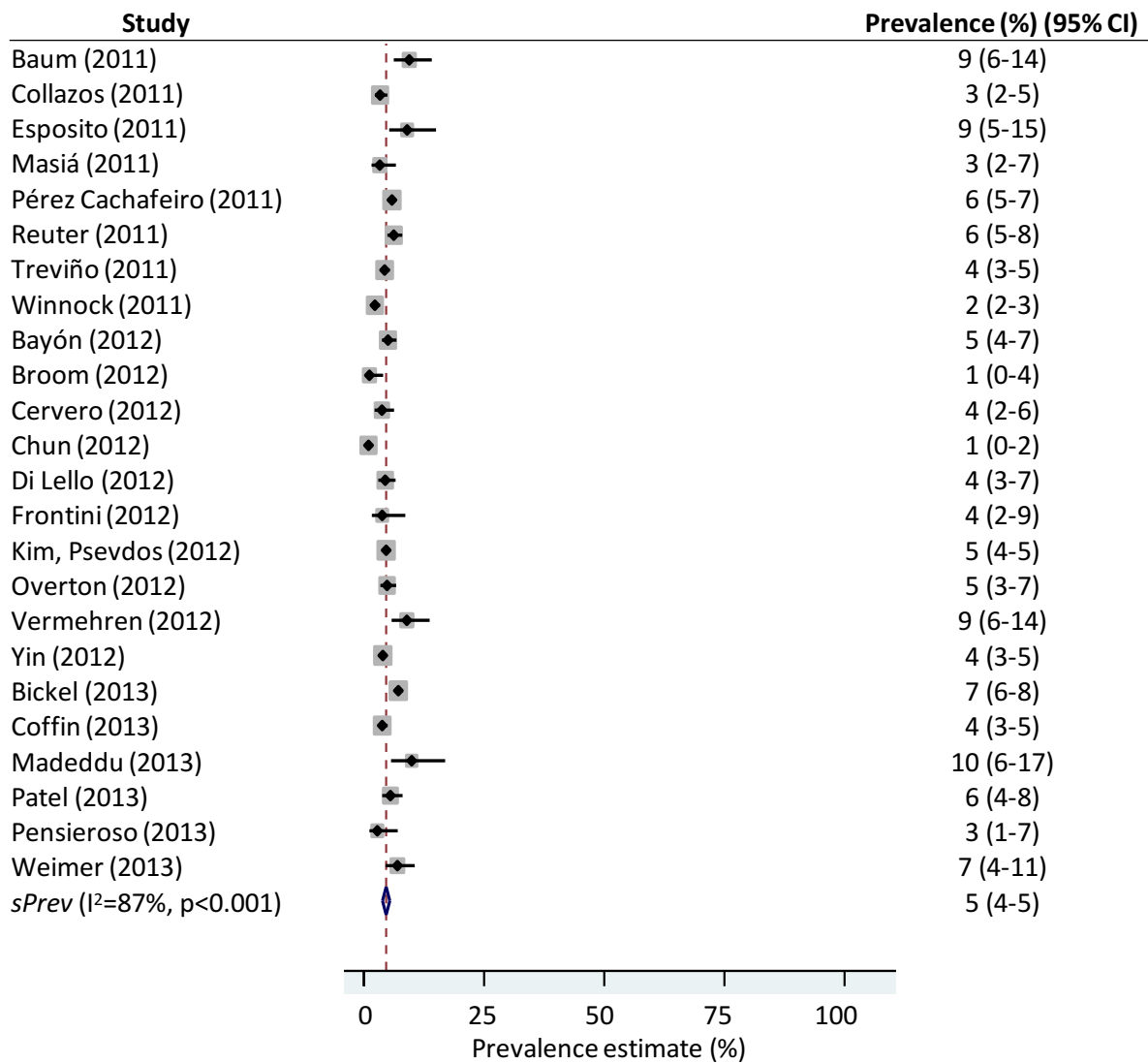
**(g) Hepatitis-C-virus-exposed prevalence among overall<sup>a</sup>**



**(h) Chronic hepatitis C virus infection prevalence among overall<sup>a</sup>**



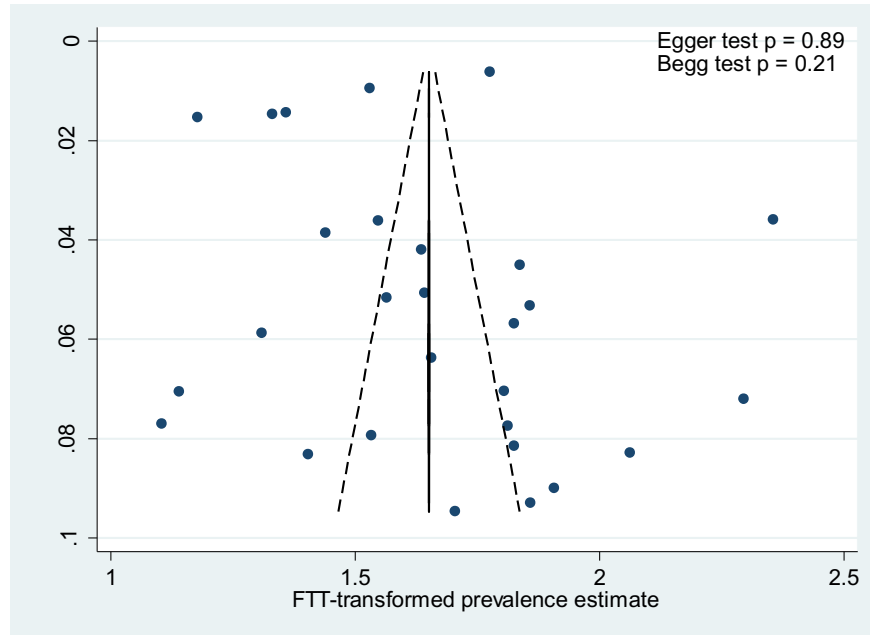
**(i) Hepatitis B virus infection prevalence among overall<sup>a</sup>**



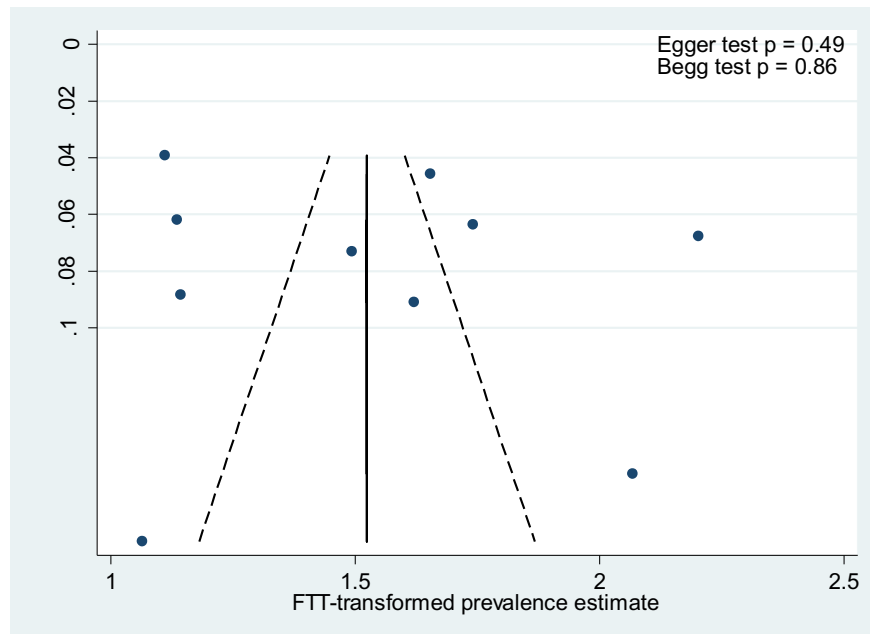
<sup>a</sup>“Overall” refers to study samples unrestricted by sex or HIV transmission category.

**Supplemental Figure S2. Funnel plots for prevalence estimates for cancer risk factors among adult persons living with HIV/AIDS in Western high-income countries with  $\geq 10$  individual studies.**

**(a) Current smoking prevalence among overall<sup>a</sup>**

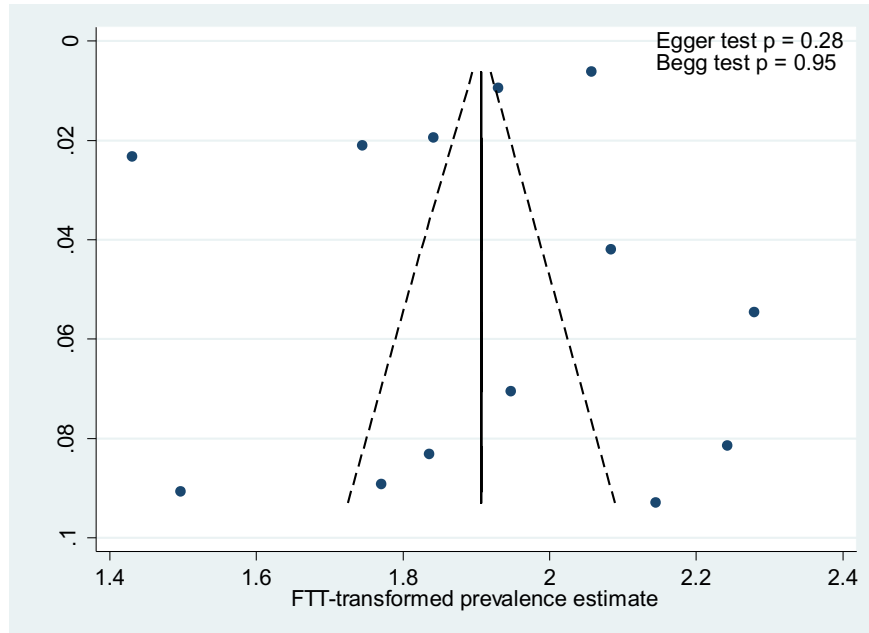


**(b) Current smoking prevalence among female**

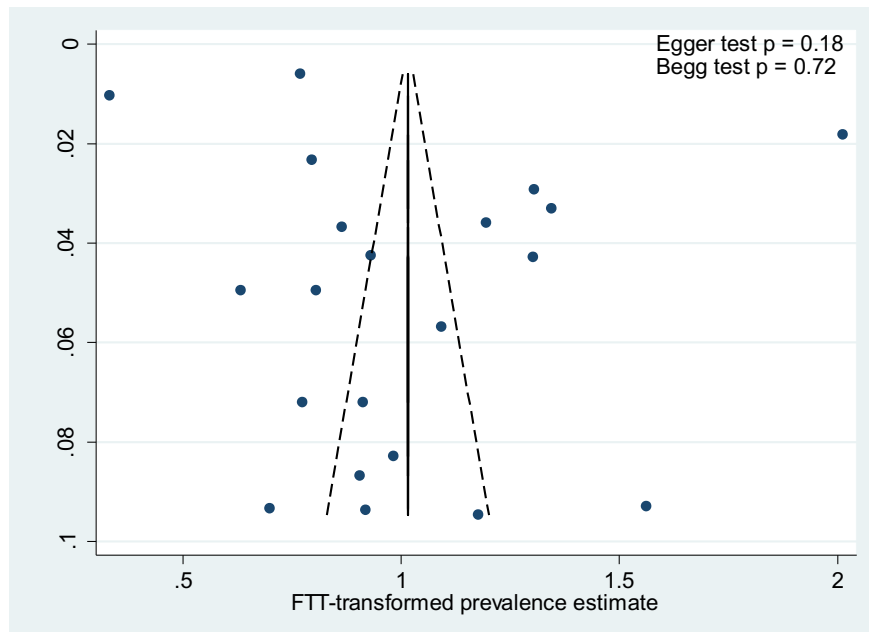




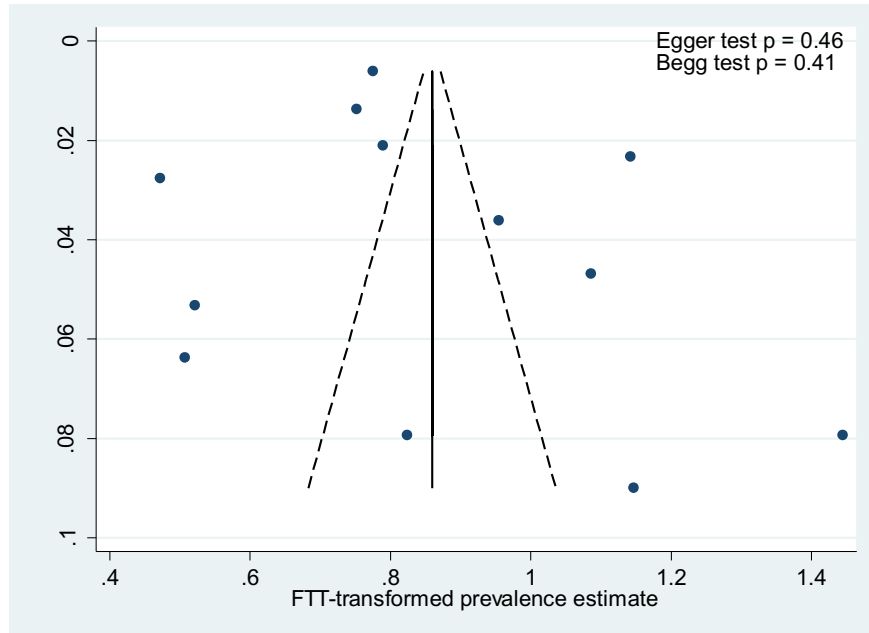
**(c) Ever smoking prevalence among overall<sup>a</sup>**



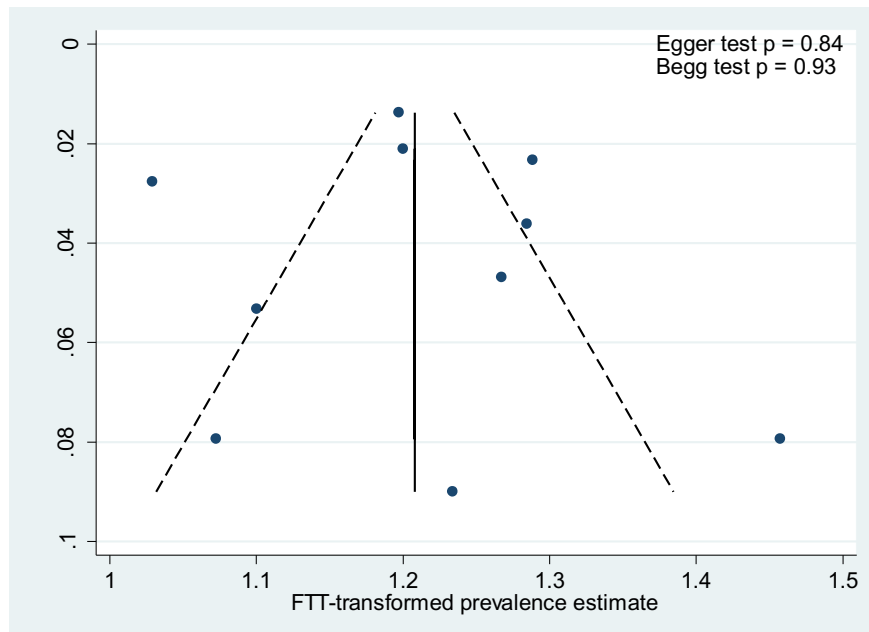
**(d) Hazardous alcohol consumption prevalence among overall<sup>a</sup>**



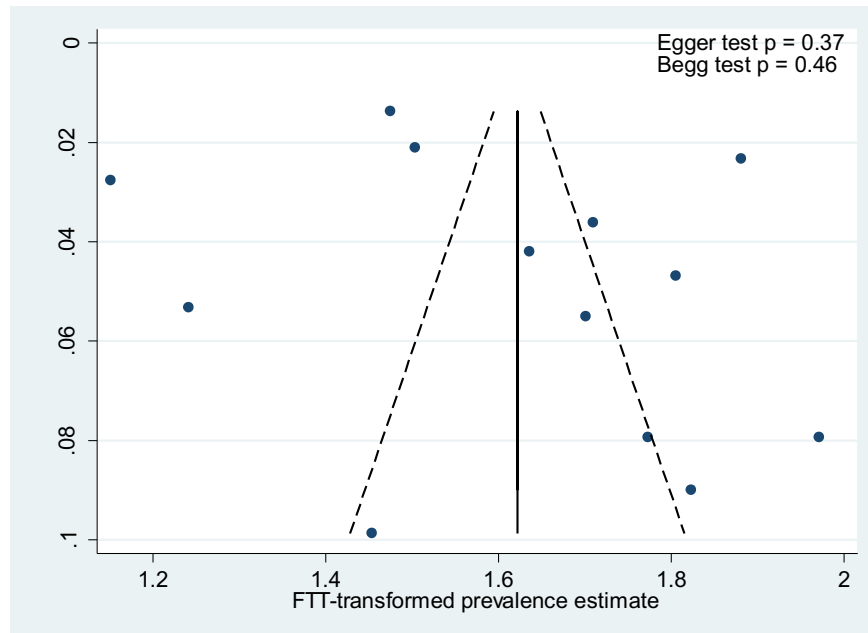
**(e) Obesity prevalence among overall<sup>a</sup>**



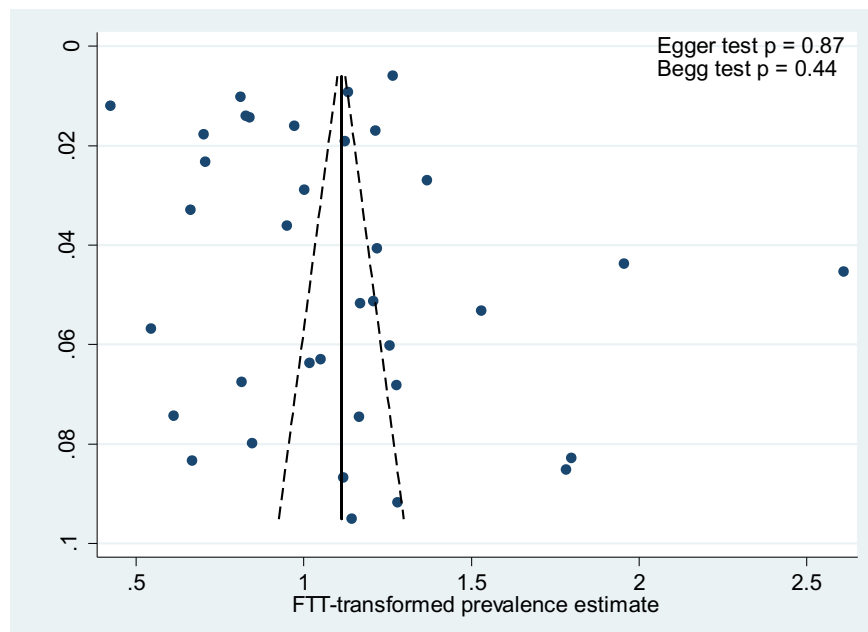
**(f) Overweight prevalence among overall<sup>a</sup>**



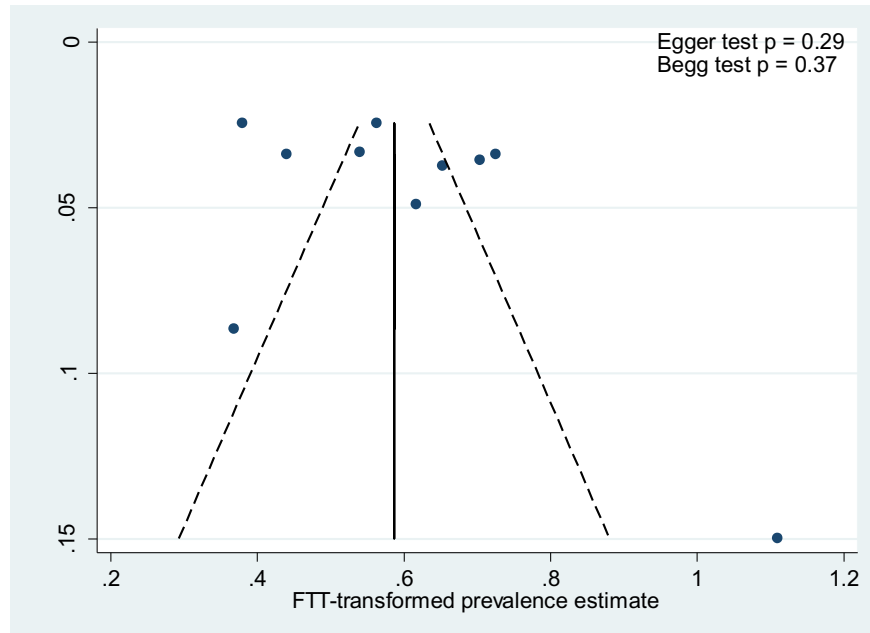
**(g) Overweight/obesity prevalence among overall<sup>a</sup>**



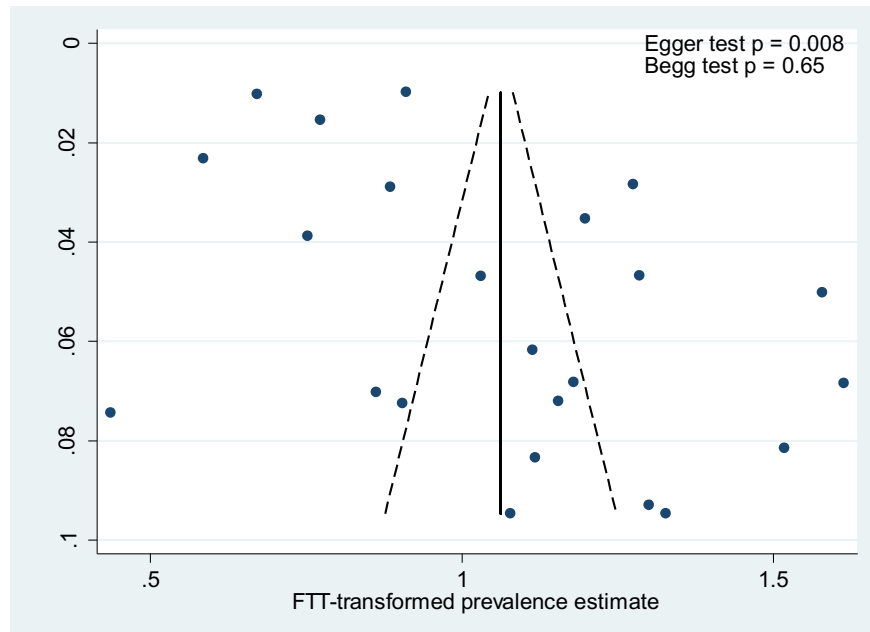
**(h) Hepatitis-C-virus-exposed prevalence among overall<sup>a</sup>**



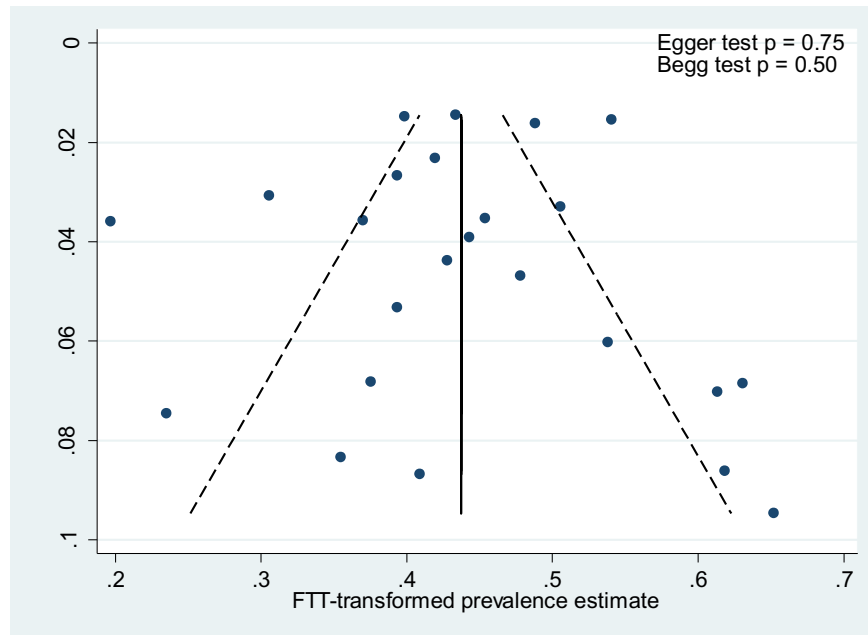
**(i) Hepatitis-C-virus-exposed prevalence among men who have sex with men**



**(j) Chronic hepatitis C virus infection prevalence among overall<sup>a</sup>**



**(k) Hepatitis B virus infection prevalence among overall<sup>a</sup>**



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Abbreviations: FTT, Freeman-Tukey double arcsine transformation.

<sup>a</sup>“Overall” refers to study samples unrestricted by sex or HIV transmission category.

**Supplemental Table S2. Prevalence of smoking among adult persons living with HIV/AIDS**

Author (Publication year)	Country	Demo- graphic group <sup>a</sup>	N	Preva- lence (%)	Category	Study category label/definition <sup>b</sup>
Baum <i>et al.</i> (2011) [63]	US	Overall	192	83	Current	“Cigarette smoking” (assumed to be current because baseline characteristic) /no definition
Beachler <i>et al.</i> (2012) [91]	US	Female	186	46	Current	“Recent cigarette smoking”/≥1 cigarette/day in past 6 months
		MSM	191	33	Current	
Briongos Figuero <i>et al.</i> (2011) [64]	Spain	Overall	150	63	Current	“Active smoker”/no definition
				19	Former	“Ex-smoker”/no definition
				81	Ever	Active smoker + ex-smoker
Broom <i>et al.</i> (2012) [65]	Australia	Overall	144	42	Current	“Current smoker”/no definition
				21	Former	“Ex-smoker”/not definition
				63	Ever	Current smoker + ex-smoker
Broyles <i>et al.</i> (2011) [66]	US	Overall	308	63	Current	“Tobacco use” (assumed to be current because baseline characteristic)/no definition;
Bryant <i>et al.</i> (2013) [67]	US	Overall	115	64	Current	“Current smoking”/no definition
				13	Former	“Past but not current smokers”/no definition
				77	Ever	Current smoker + past smoker
		Female	43	74	Current	
				9	Former	
				84	Ever	
Male	72	58	Current			
		15	Former			
		74	Ever			
Buchacz <i>et al.</i> (2013) [101]	US	Overall	2,640	63	Ever	“History of having ever smoked tobacco”/no definition
		Female	584	68	Ever	

		Male	2,056	62	Ever	
Capili <i>et al.</i> (2011) [68]	US	Overall	123	67	Current	"Current smoker"/ $\geq 1$ cigarette/day in past 30 days
Cervero <i>et al.</i> (2012) [69]	Spain	Overall	352	64	Current	"Tobacco -- Yes" (current per author query)/no definition
Chander <i>et al.</i> (2012) [70]	US	Overall	492	63	Current	"Current smokers"/ $\geq 1$ cigarette/day
		Female	246	59	Current	
		Male	246	68	Current	
		MSM	71	59	Current	
		IDU	233	74	Current	
Collazos <i>et al.</i> (2011) [71]	Spain	Overall	774	85	Current	"Current tobacco use"/no definition
		Female	217	80	Current	
		Male	557	88	Current	
Esposito <i>et al.</i> (2011) [102]	Italy	Overall	125	60	Ever	"Cigarette smoking present in the history"/no definition
Fabbiani <i>et al.</i> (2013) [72]	Italy	Overall	245	54	Current	"Current smoking"/any cigarette smoking in the past month
Fitch <i>et al.</i> (2013) [74]	US	Overall	166	62	Current	"Current smoker"/no definition
Fong <i>et al.</i> (2013) [103]	Australia	Overall	121	47	Ever	"History of smoking"/no definition
Freiberg <i>et al.</i> (2013) [73]	US	Overall	25,510	60	Current	"Current smoking"/no definition
				13	Former	"Past smoking"/no definition
				73	Ever	Current smoking + past smoking
Galli <i>et al.</i> (2012) [75]	Italy	Overall	4,249	31	Current	"Smoking status: current"/no definition
Huber <i>et al.</i> (2012) [76]	Switzerland	Overall	11,056	48	Current	"Smoking status: at last visit period"/no definition
				20	Former	"Former"/no definition
				68	Ever	Smoked at last visit period + former
Jarrett <i>et al.</i> (2013) [77]	US	Overall	567	53	Current	"Current smoker"/no definition
				21	Former	"Prior smoker"/no definition

Kim, Westfall <i>et al.</i> (2012) [104]	US	Overall	1,844	75 43	Ever Ever	Current smoker + prior smoker "Tobacco abuse/dependence" (history of tobacco use from medical record per author)/No definition
Koethe <i>et al.</i> (2013) [78]	US	Overall	158	48	Current	"Active tobacco use" (clarified elsewhere as cigarette smoking status)/no definition
Kojic <i>et al.</i> (2011) [92]	US	Female	120	53 14 67	Current Former Ever	"Current cigarette smoking"/no definition Ever cigarette smoking – current cigarette smoking "Ever cigarette smoking"/no definition
Konopnicki <i>et al.</i> (2013) [93]	Belgium	Female	652	28	Current	Inferred current smoker from "non-smoker"/no definition
Krishnan <i>et al.</i> (2012) [105]	US	Overall	2,247	59	Ever	"Ever smoker"/no definition
Madeddu <i>et al.</i> (2013) [79]	Italy	Overall	111	57	Current	"Current smokers"/ $\geq 1$ cigarette/day and $\geq 100$ lifetime cigarettes
Marshall <i>et al.</i> (2011) [100]	US	IDU	312	84 10	Current Former	"Current smoker"/smoked at least once in last 30 days and $\geq 100$ lifetime cigarettes "Former smokers"/smoked $\geq 100$ lifetime cigarettes but none in the previous 30 days
Masiá <i>et al.</i> (2011) [80]	Spain	Overall	201	94 62	Ever Current	Current smoker + former smoker "Current smoker"/no definition
Overton <i>et al.</i> (2012) [81]	US	Overall	670	43	Current	"Current smoking"/no definition



Pombo <i>et al.</i> (2013) [82]	Spain	Overall	388	54	Current	“Smokers” (assumed to be current because baseline characteristic)/no definition		
Quezada <i>et al.</i> (2012) [83]	Spain	Overall	374	50	Current	“Smokers” (clarified elsewhere as present tense)/no definition		
Roca <i>et al.</i> (2012) [84]	Spain	Overall	145	74	Current	“Current smoker”/no definition		
Schwartz <i>et al.</i> (2013) [97]	US	MSM	301	22	Current	“Smoked in last 12 months”/no definition		
				33	Former	Did not “smoke in last 12 months” and not a “nonsmoker”/no definition		
				304	55	Ever	Smoked in last 12 month + former as stated above	
Shacham <i>et al.</i> (2013) [85]	US	Overall	762	49	Current	“Current smoker”/no definition		
Sharma <i>et al.</i> (2011) [107]	US	Female	245	70	Ever	“Smoking history”/no definition		
Shirley <i>et al.</i> (2013) [86]	US	Overall	200	29	Current	“Current smoker”/≥1cigarette/day in last week and ≥100 lifetime cigarettes		
				40	Former	“Former smoker”/<7 cigarettes within week preceding enrollment and ≥100 lifetime cigarettes		
				69	Ever	Current smoker + former smoker		
				Female	32	25	Current	
						38	Former	
				Male	168	63	Ever	
		30	Current					
		40	Former					
		70	Ever					
		MSM	135	25	Current			
				41	Former			
				66	Ever			

		IDU	32	53	Current	
				41	Former	
				94	Ever	
Siemieniuk <i>et al.</i> (2013) [94]	Canada	Female	260	29	Current	"Current smoker"/no definition
				7	Former	"Former smoker"/no definition
				35	Ever	Current smoker + former smoker
Stewart <i>et al.</i> (2011) [87]	US	Overall	289	37	Current	"Current smoking"/Do you currently smoke cigarettes?
		Female	127	29	Current	
		Male	162	43	Current	
Stuardo <i>et al.</i> (2012) [95]	Spain	Female	478	54	Current	"Smoking: yes"/no definition
				18	Former	"Ex-smoker"/no definition
				72	Ever	Smoking: yes + ex-smoker
van der Snoek <i>et al.</i> (2012) [98]	Netherlands	MSM	250	36	Current	"Current smoker"/no definition
Vassallo <i>et al.</i> (2013) [88]	France	Overall	168	27	Current	"Current smoker"/no definition
Videla <i>et al.</i> (2013) [96]	Spain	Male	689	55	Current	"Current smoking"/no definition
				22	Former	"Past smoking"/no definition
				77	Ever	Current smoking + past smoking
		MSM	502	49	Current	
				22	Former	
				70	Ever	
Wieland <i>et al.</i> (2011) [99]	Germany	MSM	210	44	Current	"Current smoker"/no definition
Winnock <i>et al.</i> (2011) [106]	France	Overall	334	83	Ever	Inferred from "never-smokers"/no definition
Yin <i>et al.</i> (2012) [89]	US	Overall	4,616	38	Current	"Smoking" (assumed to be current because baseline characteristic)/no definition
Young <i>et al.</i> (2011) [90]	US	Overall	4,832	39	Current	"Current tobacco smoking"/no definition

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Abbreviations: IDU, injection drug users; MSM, men who have sex with men.

<sup>a</sup>“Overall” refers to study samples unrestricted by sex or HIV transmission category; “male” refers to male study samples unrestricted by HIV transmission category.

<sup>b</sup>Some definitions were obtained through queries to authors.

**Supplemental Table S3. Prevalence of hazardous alcohol consumption among adult persons living with HIV/AIDS**

Author (Publication year)	Country	Demo- graphic group <sup>a</sup>	N	Preva- lence (%)	Definition <sup>b</sup>
Baum <i>et al.</i> (2011) [63]	US	Overall	192	14	>2 drinks per day.
Beachler <i>et al.</i> (2012) [91]	US	MSM	187	8	>14 drinks per week in the past 6 months.
Broom <i>et al.</i> (2012) [65]	Australia	Overall	113	19	History of alcohol use greater than Australian guidelines: >2 drinks on any day or >4 drinks on a single occasion.
Broyles <i>et al.</i> (2011) [66]	US	Overall	308	27	At-risk current drinking based on the AUDIT-C, score >2 for women and >3 for men.
		Female	98	22	
		Male	210	29	
		MSM	141	27	
		IDU	43	42	
Buchacz <i>et al.</i> (2013) [101]	US	Overall	2,994	71	History (chart notation) of alcohol abuse or dependence or >14 drinks per week.
		Female	624	55	
		Male	2,370	76	
Chitsaz <i>et al.</i> (2013) [108]	US	Overall	1,166	37	Alcohol addiction (past 30 days) based on ASI composite scores ( $\geq 0.15$ ).
Collazos <i>et al.</i> (2011) [71]	Spain	Overall	774	32	Current alcohol intake $\geq 30$ g/day.
		Female	217	24	
		Male	557	35	
Crystal <i>et al.</i> (2012) [119]	US	Female	905	4	>14 drinks per week.
Devlin <i>et al.</i> (2012) [109]	US	Overall	115	50	Lifetime alcohol dependence.
Fong <i>et al.</i> (2013) [103]	Australia	Overall	114	12	History of >3 drink per day for women or >4 drinks per day for men.
Freiberg <i>et al.</i> (2013) [73]	US	Overall	27,350	14	History of alcohol abuse or dependence based on ICD-9 codes.

Frontini <i>et al.</i> (2012) [110]	US	Overall	132	19	History of alcohol binges.
Huber <i>et al.</i> (2012) [76]	Switzerland	Overall	9,301	3	Current alcohol use >40 g/day for women and >60 g/day for men.
Hutton <i>et al.</i> (2013) [111]	US	Overall	910	39	Consumed alcohol at least once a week and/or >4 drinks on any occasion in the last 3 months.
		Female	319	27	
		Male	591	45	
		MSM	337	50	
Kim, Westfall <i>et al.</i> (2012) [104]	US	Overall	1,844	15	History of diagnosis of alcohol abuse or dependence based on ICD-9 codes or AUDIT-C.
Korthuis <i>et al.</i> (2011) [112]	US	Overall	407	10	Any drinking to intoxication in the past 30 days based on ASI item.
		Female	144	5	
		Male	263	12	
Martinez <i>et al.</i> (2012) [113]	US	Overall	192	19	>6 drinks on at least one single occasion during the past 30 days.
McGinnis <i>et al.</i> (2013) [120] <sup>c</sup>	US	Male	444	22	CIDI-SAM diagnosis of alcohol abuse or dependence in the past year or >14 drinks over any consecutive 7-day period or >4 drinks in 1 day based on 30-day Timeline Follow Back.
Morano <i>et al.</i> (2013) [114]	US	Overall	552	20	>1 drink per day for women or >2 drinks per day for men.
Roca <i>et al.</i> (2012) [84]	Spain	Overall	145	22	>9 drinks per week.
Roux <i>et al.</i> (2011) [115]	France	Overall	544	37	Alcohol abuse, based on AUDIT-C.
Shacham <i>et al.</i> (2011) [116]	US	Overall	406	15	>4 drinks per week for women and >5 drinks per week for men in the previous week.
		Female	140	7	
		Male	266	20	

Siemieniuk <i>et al.</i> (2013) [94]	Canada	Female	252	2	>7 drinks per week or any binge since last clinic visit.
Skeer <i>et al.</i> (2012) [121]	US	MSM	503	20	>4 drinks in a single day at least once per week within the past 3 months.
Surah <i>et al.</i> (2013) [117]	Ireland	Overall	111	31	AUDIT score >7.
Yoon <i>et al.</i> (2011) [118]	US	Overall	736	18	AUDIT-C score >3 for women and >4 for men.

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Abbreviations: ASI, Addiction Severity Index; AUDIT, Alcohol Use Disorders Identification Test; AUDIT-C, Alcohol Use Disorders Identification Test- consumption; CIDI-SAM, Composite International Diagnostic Interview-Substance Abuse Module; ICD-9, International Classification of Diseases, Ninth Revision; IDU, injection drug users; MSM, men who have sex with men.

<sup>a</sup>“Overall” refers to study samples unrestricted by sex or HIV transmission category; “male” refers to male study samples unrestricted by HIV transmission category.

<sup>b</sup>Some definitions were obtained through queries to authors.

<sup>c</sup>Restricted to subjects who reported having at least one drink in the past year.

**Supplemental Table S4. Prevalence of overweight/obesity among adult persons living with HIV/AIDS**

Author (Publication year)	Country	Demo- graphic group <sup>a</sup>	N	Preva- lence (%)	Category
Bauer (2011) [124]	US	Overall	102	44	Overweight/Obesity
		Female	43	44	Overweight/Obesity
		Male	59	44	Overweight/Obesity
Blashill <i>et al.</i> (2013) [126]	US	MSM	864	12	Obesity
				42	Overweight
				54	Overweight/Obesity
Buchacz <i>et al.</i> (2013) [101]	US	Female	581	32	Obesity
		Male	1,800	18	Obesity
Capili <i>et al.</i> (2011) [68]	US	Overall	123	29	Obesity
				33	Overweight
				63	Overweight/Obesity
Cervero <i>et al.</i> (2012) [69]	Spain	Overall	352	7	Obesity
				27	Overweight
				34	Overweight/Obesity
Chung <i>et al.</i> (2012) [125]	US	Overall	329	57	Overweight/Obesity
Fabbiani <i>et al.</i> (2013) [72]	Italy	Overall	245	6	Obesity
Freiberg <i>et al.</i> (2013) [73]	US	Overall	26,872	14	Obesity
Galli <i>et al.</i> (2012) [75]	Italy	Overall	1,306	5	Obesity
				24	Overweight
				30	Overweight/Obesity
Gangcuangco <i>et al.</i> (2013) [122]	US	Overall	158	16	Obesity
				44	Overweight
				60	Overweight/Obesity
Jarrett <i>et al.</i> (2013) [77]	US	Overall	567	53	Overweight/Obesity
Kim, Westfall <i>et al.</i> (2012) [104]	US	Overall	1,844	29	Obesity
				36	Overweight
				65	Overweight/Obesity
Koethe <i>et al.</i> (2013) [78]	US	Overall	158	44	Obesity
				26	Overweight
				70	Overweight/Obesity
		Female	47	64	Obesity
				17	Overweight
				81	Overweight/Obesity
Male	111	35	Obesity		
		30	Overweight		

Krishnan <i>et al.</i> (2012) [105]	US	Overall	2,240	65 Overweight/Obesity 15 Obesity 32 Overweight 47 Overweight/Obesity
Patel <i>et al.</i> (2013) [123]	US	Overall	454	27 Obesity 35 Overweight 62 Overweight/Obesity
Salter <i>et al.</i> (2013) [127]	US	IDU	322	18 Obesity 28 Overweight 46 Overweight/Obesity
Yoon <i>et al.</i> (2011) [118]	US	Overall	764	21 Obesity 36 Overweight 57 Overweight/Obesity
Young <i>et al.</i> (2011) [90]	US	Overall	5,284	13 Obesity 32 Overweight 45 Overweight/Obesity

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Abbreviations: IDU, injection drug users; MSM, men who have sex with men.

<sup>a</sup>“Overall” refers to study samples unrestricted by sex or HIV transmission category; “male” refers to male study samples unrestricted by HIV transmission category.



**Supplemental Table S5. Prevalence of human papillomavirus (HPV) infection among adult persons living with HIV/AIDS**

Author (Publication year)	Country	Demo- graphic group <sup>a</sup>	N	Preva- lence (%)	Category
Beachler <i>et al.</i> (2012) [91]	US	Female	187	35	Oral, any type (36 HPV types)
		MSM	192	45	
		Female	187	18	
		MSM	192	23	
Beachler <i>et al.</i> (2013) [130]	US	Overall	375	84	Anal, any type (37 HPV types)
		Overall	375	67	Anal, high-risk types (14 high-risk HPV types)
		Overall	386	28	Oral, any type (37 HPV types)
		Overall	386	13	Oral, high-risk types (14 high-risk HPV types)
Cranston <i>et al.</i> (2012) [135]	US	Male	316	92	Anal, any type (29 HPV types)
		MSM	252	92	
		Male IDU	76	93	Anal, high-risk types (14 high-risk HPV types)
		Male	316	64	
		MSM	252	64	
		Male IDU	76	68	
Del Mistro <i>et al.</i> (2012) [131]	Italy	Overall	100	37	Oral, any type ( $\geq 22$ HPV types)
		Female	38	32	
		Male	62	40	Oral, high-risk types (12 high-risk HPV types)
		MSM	38	42	
		Overall	100	13	
		Female	38	3	
		Male	62	19	
		MSM	38	18	
Garbuglia <i>et al.</i> (2012) [128]	Italy	Female	553	44	Cervical, any type (35 HPV types)
		Female	526	29	Cervical, high-risk types (20 high-risk HPV types)
Goldstone <i>et al.</i> (2012) [138]	US	Overall	132	83	Anal, high-risk types (13 high-risk HPV types)
Kang <i>et al.</i> (2012) [129]	US	Female	142	59	Cervical, high-risk types (18 high-risk HPV types)

Kojic <i>et al.</i> (2011) [92]	US	Female	120	90	Anal, any type (37 HPV types)
		Female	120	85	Anal, high-risk types (22 high-risk HPV types)
		Female	120	83	Cervical, any type (37 HPV types)
		Female	120	70	Cervical, high-risk types (22 high-risk HPV types)
Konopnicki <i>et al.</i> (2013) [93]	Belgium	Female	652	43	Cervical, high-risk types (13 high-risk HPV types)
Parisi <i>et al.</i> (2011) [133]	Italy	MSM	166	89	Anal, any type (47 HPV types)
		MSM	131	21	Anal, high-risk types (14 high-risk HPV types)
		MSM	134	20	Oral, any type (47 HPV types)
		MSM	125	2	Oral, high-risk types (14 high-risk HPV types)
Read <i>et al.</i> (2012) [134]	Australia	MSM	249	19	Oral, any type (37 HPV types)
		MSM	249	8	Oral, high-risk types (11 high-risk HPV types)
Sahasrabuddhe <i>et al.</i> (2013) [136]	US	MSM	342	94	Anal, any type (37 HPV types)
		MSM	342	75	Anal, high-risk types (13 high-risk HPV types)
Steinau <i>et al.</i> (2012) [132]	US	Overall	100	39	Oral, any type (37 HPV types)
		Overall	100	24	Oral, high-risk types (22 high-risk HPV types)
Stuardo <i>et al.</i> (2012) [95]	Spain	Female	479	33	Cervical, high-risk types (13 high-risk HPV types)
Swedish <i>et al.</i> (2011) [139]	US	MSM	386	79	Anal, high-risk types (13 high-risk HPV types)
Torres <i>et al.</i> (2013) [137]	Spain	MSM	1,439	96	Anal, any type (37 HPV types)

		MSM	1,439	83	Anal, high-risk types (12 high-risk HPV types)
van der Snoek <i>et al.</i> (2012) [98]	Netherlands	MSM	247	91	Anal, any type (28 HPV types)
		MSM	247	69	Anal, high-risk types (15 high-risk HPV types)
Videla <i>et al.</i> (2013) [96]	Spain	Male	733	73	Anal, any type (15 HPV types)
		MSM	538	84	
		Male	650	16	Oral, any type (15 HPV types)
		MSM	458	16	
		Male	733	67	Anal, high-risk types (13 high-risk HPV types)
		MSM	538	79	
		Male	650	15	Oral, high-risk types (13 high-risk HPV types)
		MSM	458	13	

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Abbreviations: HPV, human papillomavirus; IDU, injection drug users; MSM, men who have sex with men.

<sup>a</sup>“Overall” refers to study samples unrestricted by sex or HIV transmission category; “male” refers to male study samples unrestricted by HIV transmission category.

**Supplemental Table S6. Prevalence of hepatitis C virus (HCV) infection among adult persons living with HIV/AIDS**

<b>Author (Publication year)</b>	<b>Country</b>	<b>Demo- graphic group<sup>a</sup></b>	<b>N</b>	<b>Preva- lence (%)</b>	<b>Definition<sup>b</sup></b>
Angeli <i>et al.</i> (2011) [140]	Italy	Overall	1,363	40	Exposed. Positive by HCV antibody test.
		Overall	1,239	35	Chronic. Positive by both HCV antibody and HCV RNA test.
Barfod <i>et al.</i> (2011) [160]	Denmark	MSM	871	5	Exposed. Positive by either HCV antibody or HCV RNA test.
Baum <i>et al.</i> (2011) [63]	US	Overall	192	30	Chronic. Positive by HCV RNA test.
		Female	48	33	
		Male	144	28	
Bayón <i>et al.</i> (2012) [165]	Spain	Overall	799	32	Chronic. Positive by both HCV antibody and HCV RNA test.
Bickel <i>et al.</i> (2013) [141]	Germany	Overall	4,843	17	Exposed. Positive by HCV antibody test.
Branch <i>et al.</i> (2012) [142]	US	Overall	1,195	23	Exposed. Positive by HCV antibody test.
		Overall	1,195	18	Chronic. Positive by both HCV antibody and HCV RNA test.
Briongos Figuero <i>et al.</i> (2011) [64]	Spain	Overall	150	47	Chronic. "Chronic HCV infection" (no source stated).
Broom <i>et al.</i> (2012) [65]	Australia	Overall	180	9	Exposed. Positive by HCV antibody test.
		Overall	180	4	Chronic. Positive by both HCV antibody and HCV RNA test.
Cervero <i>et al.</i> (2012) [69]	Spain	Overall	352	48	Exposed. Positive by HCV antibody test.
Crystal <i>et al.</i> (2012) [119]	US	Female	905	20	Chronic. Positive by both HCV antibody and HCV RNA test.
		Female IDU	246	64	
Devlin <i>et al.</i> (2012) [109]	US	Overall	115	37	Chronic. Positive by both HCV antibody and HCV RNA test.
Di Biagio <i>et al.</i> (2011) [143]	Italy	Overall	110	29	Exposed. Positive by HCV antibody test.

Di Lello <i>et al.</i> (2012) [144]	Spain	Overall	520	69	Exposed. Positive by HCV antibody test.
Esposito <i>et al.</i> (2011) [102]	Italy	Overall	137	61	Exposed. "Co-infected with HCV."
Fabbiani <i>et al.</i> (2013) [72]	Italy	Overall	245	24	Exposed. Positive by HCV antibody test.
Florida <i>et al.</i> (2013) [159]	Italy	Female	1,210	22	Exposed. Positive by either HCV antibody or HCV RNA test.
Fong <i>et al.</i> (2013) [103]	Australia	Overall	156	17	Exposed. Positive by HCV antibody test.
Freiberg <i>et al.</i> (2013) [73]	US	Overall	27,350	35	Exposed. Positive by HCV antibody test or ICD-9 code for HCV infection.
Frontini <i>et al.</i> (2012) [110]	US	Overall	132	28	Exposed. Positive by HCV antibody test.
Galli <i>et al.</i> (2012) [75]	Italy	Overall	3,450	33	Exposed. Positive by HCV antibody test.
Gamage <i>et al.</i> (2011) [161]	Australia	MSM	869	13	Exposed. Positive by HCV antibody test.
Grebely <i>et al.</i> (2011) [145]	Canada	Overall	485	93	Exposed. Positive by HCV antibody test.
Guaraldi <i>et al.</i> (2011) [166]	Italy	Overall	143	28	Chronic. Positive by both HCV antibody and HCV RNA test.
		Female	48	31	
		Male	95	26	
Hoover <i>et al.</i> (2012) [162]	US	MSM	714	10	Exposed. Positive by HCV antibody test.
Jarrett <i>et al.</i> (2013) [77]	US	Overall	457	36	Chronic. Positive by both HCV antibody and HCV RNA test.
Jernigan <i>et al.</i> (2011) [146]	US	Overall	251	25	Exposed. Positive by HCV antibody test.
Kim, Pseudos <i>et al.</i> (2012) [147]	US	Overall	218	16	Exposed. Positive by HCV antibody test.
Kim, Westfall <i>et al.</i> (2012) [104]	US	Overall	1,844	12	Exposed. Positive by HCV antibody test.
Labarga <i>et al.</i> (2011) [167]	Spain	Overall	4,165	14	Chronic. Positive by both HCV antibody and HCV RNA test.
Linas <i>et al.</i> (2011) [148]	US	Overall	3,143	12	Exposed. Positive by HCV antibody test.
		Female	524	15	
		Male	2,619	11	
		IDU	304	63	

Madeddu <i>et al.</i> (2013) [79]	Italy	Overall	111	38	Chronic. Positive by both HCV antibody and HCV RNA test.
Marcellin <i>et al.</i> (2011) [149]	France	Overall	308	7	Exposed. Positive by HCV antibody test.
Masiá <i>et al.</i> (2011) [80]	Spain	Overall	214	36	Exposed. Positive by HCV antibody test.
		Overall	214	31	Chronic. Positive by both HCV antibody and HCV RNA test.
		Female	51	21	
		Male	163	34	
		MSM	60	0	
	IDU	73	83		
Matser <i>et al.</i> (2013) [163]	Netherlands	MSM	786	12	Exposed. Positive by HCV antibody test.
		MSM	786	6	Chronic. Positive by both HCV antibody and HCV RNA test.
Morano <i>et al.</i> (2013) [114]	US	Overall	601	33	Exposed. Positive by HCV antibody test.
		Female	214	27	
		Male	338	40	
		MSM	44	27	
		IDU	239	71	
Overton <i>et al.</i> (2012) [81]	US	Overall	662	13	Chronic. Medical record indication of "chronic HCV infection."
Parisi <i>et al.</i> (2011) [133]	Italy	MSM	133	3	Exposed. Positive by HCV antibody test.
Patel <i>et al.</i> (2013) [123]	US	Overall	454	24	Chronic. Medical record indication of "chronic HCV infection."
Pensieroso <i>et al.</i> (2013) [150]	Sweden and Italy	Overall	143	10	Exposed. Positive by HCV antibody test.
Pérez Cachafeiro <i>et al.</i> (2011) [151]	Spain	Overall	3,867	22	Exposed. Positive by HCV antibody test.
		Female	855	24	
		Male	3,012	21	
		MSM	1,670	4	
		IDU	639	90	
Pombo <i>et al.</i> (2013) [82]	Spain	Overall	379	32	Exposed. Positive by HCV antibody test.
Quezada <i>et al.</i> (2012) [83]	Spain	Overall	372	30	Exposed. Positive by HCV antibody test.
Rabkin <i>et al.</i> (2011) [168]	US	Overall	190	19	Chronic. No source stated, but study
		Female	24	21	

		Male	166	19	title indicated
		MSM	143	16	“chronic hepatitis C.”
Raboud <i>et al.</i> (2012) [152]	Canada	Overall	2,706	28	Exposed. Positive by
		Female	564	42	HCV antibody or HCV
		Male	2,142	25	RNA test or physician
		MSM	906	7	report or self-report.
		IDU	604	86	
Raymond <i>et al.</i> (2012) [173]	US	MSM	108	16	Chronic. Positive by
		MSM IDU	35	23	HCV antibody test
					with a signal-to-
					cutoff ratio of at
					least 5.
Reiberger <i>et al.</i> (2011) [153]	Germany and Austria	Overall	9,524	16	Exposed. Positive by
		Overall	9,524	11	HCV antibody test.
					Chronic. Positive by
					both HCV antibody
					and HCV RNA test.
Reuter <i>et al.</i> (2011) [154]	Germany	Overall	918	11	Exposed. Positive by
					HCV antibody test.
Roca <i>et al.</i> (2012) [84]	Spain	Overall	145	61	Exposed. Positive by
					HCV antibody test.
Salter <i>et al.</i> (2013) [127]	US	IDU	346	93	Exposed. Positive by
					HCV antibody test.
Sassoon <i>et al.</i> (2012) [155]	US	Overall	118	36	Exposed. Positive by
					HCV antibody test.
Sharma <i>et al.</i> (2011) [107]	US	Female	245	36	Exposed. Positive by
					HCV antibody test.
Speers <i>et al.</i> (2011) [156]	US	Overall	6,849	4	Exposed. Positive by
					either HCV antibody,
					HCV RNA or
					genotype test, or a
					medical record
					indication of “HCV
					infection.”
Suárez-Zarracina <i>et al.</i> (2012) [169]	Spain	Overall	213	52	Chronic. Positive by
		Female	69	52	both HCV antibody
		Male	144	52	and HCV RNA test.
		MSM	28	0	
		IDU	107	93	
Surah <i>et al.</i> (2013) [117]	Ireland	Overall	111	26	Chronic. Positive by
					both HCV antibody
					and HCV RNA test.
Treviño <i>et al.</i> (2011) [170]	Spain	Overall	1,854	8	Chronic. Positive by
		MSM	1,290	2	both HCV antibody
		IDU	102	68	and HCV RNA test.

Tsui <i>et al.</i> (2012) [171]	US	Overall	397	50	Chronic. Positive by both HCV antibody and HCV RNA test.
		Female	100	54	
		Male	297	49	
		IDU	56	84	
van der Helm <i>et al.</i> (2011) [164]	Germany, France, Switzerland and UK	MSM	1,663	8	Exposed. Positive by either HCV antibody or HCV RNA.
Vassallo <i>et al.</i> (2013) [88]	France	Overall	179	30	Exposed. Positive by HCV antibody test.
		Female	48	40	
		Male	131	27	
		IDU	37	92	
Vermehren <i>et al.</i> (2012) [172]	Germany	Overall	202	17	Chronic. Positive by HCV RNA test.
Weimer <i>et al.</i> (2013) [157]	Italy	Overall	275	35	Exposed. Positive by HCV antibody test.
		Overall	262	28	Chronic. Positive by both HCV antibody and HCV RNA test.
Witteck <i>et al.</i> (2011) [158]	Switzerland	Overall	11,527	29	Exposed. Positive by HCV antibody test.
		Overall	10,361	19	Chronic. Positive by both HCV antibody and HCV RNA test.
Yoon <i>et al.</i> (2011) [118]	US	Overall	764	21	Exposed. Positive by either HCV antibody, HCV RNA or genotype test.
		Female	100	27	
		Male	664	20	
		MSM	417	9	
		IDU	191	52	
Young <i>et al.</i> (2011) [90]	US	Overall	5,054	16	Exposed. Positive by either HCV antibody or HCV RNA test, or a medical record indication of "HCV infection."

Abbreviations: HCV, hepatitis C virus; ICD-9, International Classification of Diseases, Ninth Revision; IDU, injection drug users; MSM, men who have sex with men.

<sup>a</sup>"Overall" refers to study samples unrestricted by sex or HIV transmission category; "male" refers to male study samples unrestricted by HIV transmission category.

<sup>b</sup>Some definitions were obtained through queries to authors.



**Supplemental Table S7. Prevalence of hepatitis B virus (HBV) infection among adult persons living with HIV/AIDS**

Author (Publication year)	Country	Demo- graphic group <sup>a</sup>	N	Preva- lence (%)	Definition <sup>b</sup>
Baum <i>et al.</i> (2011) [63]	US	Overall	212	9	Positive by HBV surface antigen test.
Bayón <i>et al.</i> (2012) [165]	Spain	Overall	799	5	Positive by HBV surface antigen test.
Bickel <i>et al.</i> (2013) [141]	Germany	Overall	4,154	7	Positive by HBV surface antigen test.
Broom <i>et al.</i> (2012) [65]	Australia	Overall	179	1	Positive by HBV surface antigen test and negative by IgM antibodies to HBV core antigen test.
Cervero <i>et al.</i> (2012) [69]	Spain	Overall	352	4	Positive by HBV surface antigen test.
Chun <i>et al.</i> (2012) [174]	US	Overall	775	1	Positive by HBV surface antigen test.
Coffin <i>et al.</i> (2013) [175]	Canada	Overall	1,400	4	Positive by HBV surface antigen test.
Collazos <i>et al.</i> (2011) [71]	Spain	Overall	782	3	Positive by HBV surface antigen test.
		Female	219	3	
		Male	563	4	
Di Lello <i>et al.</i> (2012) [144]	Spain	Overall	520	4	Positive by HBV surface antigen test.
Esposito <i>et al.</i> (2011) [102]	Italy	Overall	134	9	Medical record indication of “co-infected with HBV.”
Florida <i>et al.</i> (2013) [159]	Italy	Female	1,191	11	Positive by either HBV surface antigen or HBV DNA test.
Frontini <i>et al.</i> (2012) [110]	US	Overall	132	4	Positive by HBV surface antigen test.
Hoover <i>et al.</i> (2012) [162]	US	MSM	696	1	Medical record indication of “chronically infected” with HBV.
Kim, Pseudos <i>et al.</i> (2012) [147]	US	Overall	4,721	5	Positive by HBV surface antigen test.
Madeddu <i>et al.</i> (2013) [79]	Italy	Overall	111	10	Positive by either HBV surface antigen, HBV e Antigen or HBV DNA test, and negative by IgM antibodies to HBV core antigen test.

Masiá <i>et al.</i> (2011) [80]	Spain	Overall	214	3	Positive by HBV surface antigen test.
Overton <i>et al.</i> (2012) [81]	US	Overall	651	5	Medical record indication of "chronic HBV infection."
Patel <i>et al.</i> (2013) [123]	US	Overall	454	6	Medical record indication of "chronic HBV infection."
Pensieroso <i>et al.</i> (2013) [150]	Sweden and Italy	Overall	143	3	Positive by HBV surface antigen test.
Pérez Cachafeiro <i>et al.</i> (2011) [151]	Spain	Overall	3,824	6	Positive by HBV surface antigen test.
		Female	872	4	
		Male	2,952	6	
		MSM	1,584	6	
		IDU	618	8	
Reuter <i>et al.</i> (2011) [154]	Germany	Overall	918	6	Positive by either HBV surface antigen or HBV DNA test.
		Female	149	4	Positive by HBV DNA test.
		Male	405	7	
		MSM	248	8	
		IDU	36	6	
Treviño <i>et al.</i> (2011) [170]	Spain	Overall	1,854	4	Positive by HBV surface antigen, and negative by IgM antibodies to HBV core antigen test.
Vermehren <i>et al.</i> (2012) [172]	Germany	Overall	202	9	Positive by HBV surface antigen test.
Weimer <i>et al.</i> (2013) [157]	Italy	Overall	275	7	Positive by HBV surface antigen test.
Winnock <i>et al.</i> (2011) [106]	France	Overall	1,056	2	Positive by HBV surface antigen test.
Yin <i>et al.</i> (2012) [89]	US	Overall	4,575	4	Positive by HBV surface antigen test or medical record indication of "HBV infection."

Abbreviations: HBV, hepatitis B virus; IDU, injection drug users; MSM, men who have sex with men.

<sup>a</sup>"Overall" refers to study samples unrestricted by sex or HIV transmission category; "male" refers to male study samples unrestricted by HIV transmission category.

<sup>b</sup>Some definitions were obtained through queries to authors.