

Table A- 6: Study characteristics and their categories used in the subgroup analyses

Study characteristic	Categories
Countries	Armenia
	Belarus
	Czech Republic
	Denmark
	Estonia
	Finland
	France
	Georgia
	Germany
	Israel
	Italy
	Latvia
	Lithuania
	Netherlands
	Norway
	Poland
	Portugal
	Romania
	Russia
	Serbia
	Slovakia
	Spain
	Switzerland
	Tajikistan
	Turkey
	Ukraine
	United Kingdom
	Uzbekistan
	Yugoslavia
	Europe
	Central Europe
	Eastern Europe
	Western Europe
Regions	Europe
	Central Europe
	Eastern Europe
	Western Europe
Autopsy/ death case studies vs. other studies	Alive
	Dead
Data source	Hospital data

Study characteristic	Categories
	Notification data
	TB dispensary data
Design	Case-control
	Case series
	Cohort
	Cross-sectional
	Descriptive
	Interventional (trial)
Observation period	1980s-1990s
	1990s
	1990s-2000s
	1990-2010s
	2000s
	2000s-2010s
	2010s
Population	Death cases
	Drug-resistant TB cases
	Persons living with HIV
	Specific patients (hospitalized)
	TB cases, all forms
Publication date	Published 1990-99
	Published 2000-09
	Published 2010-19
	Published 2020-
Size	Group size less than 30
	Group size equal to or more than 30

Publication Bias Assessment

Reported Outcome	No. Studies	Trim-Fill Method	Visual Assessment	Egger's test (P-value)	Begg's test (P-value)
Hazard ratios	3	yes	Asymmetry	0.0496	0.1172
Mortality rates	15	yes	Asymmetry	0.0578	0.4002
Mortality rates	14	yes	No asymmetry	0.7405	0.2503
Odds ratios	7	yes	No asymmetry	0.2844	0.2931
Absolute numbers	94	yes	Asymmetry	0.0001	0.1461
Absolute numbers	77	yes	No asymmetry (for studies w/ small SE)	0.2529	0.0105
Absolute numbers	75	yes	No asymmetry (for studies w/ small SE)	0.2492	0.0049
Absolute numbers	67	yes	No asymmetry (for studies w/ small SE)	0.1408	0.2626

Reported Outcome	No. Studies	Trim-Fill Method	Visual Assessment	Egger's test (z-value)	Egger's test (P-value)	Begg's test Kendall's τ	Begg's test (P-value)
Hazard ratios	3	no	No asymmetry	0.722	0.471	1	0.333
Mortality rates	15	no	Data not available				
Mortality rates	14	no	No asymmetry	-0.046	0.963	-0.187	0.388
Odds ratios	7	no	No asymmetry	-0.729	0.466	-0.333	0.381
Absolute numbers	94	no	Data not available				
Absolute numbers	77	no	Data not available				
Absolute numbers	75	no	No asymmetry	0.9	0.368	0.23	0.003
Absolute numbers	67	no	No asymmetry	-0.785	0.433	0.102	0.226