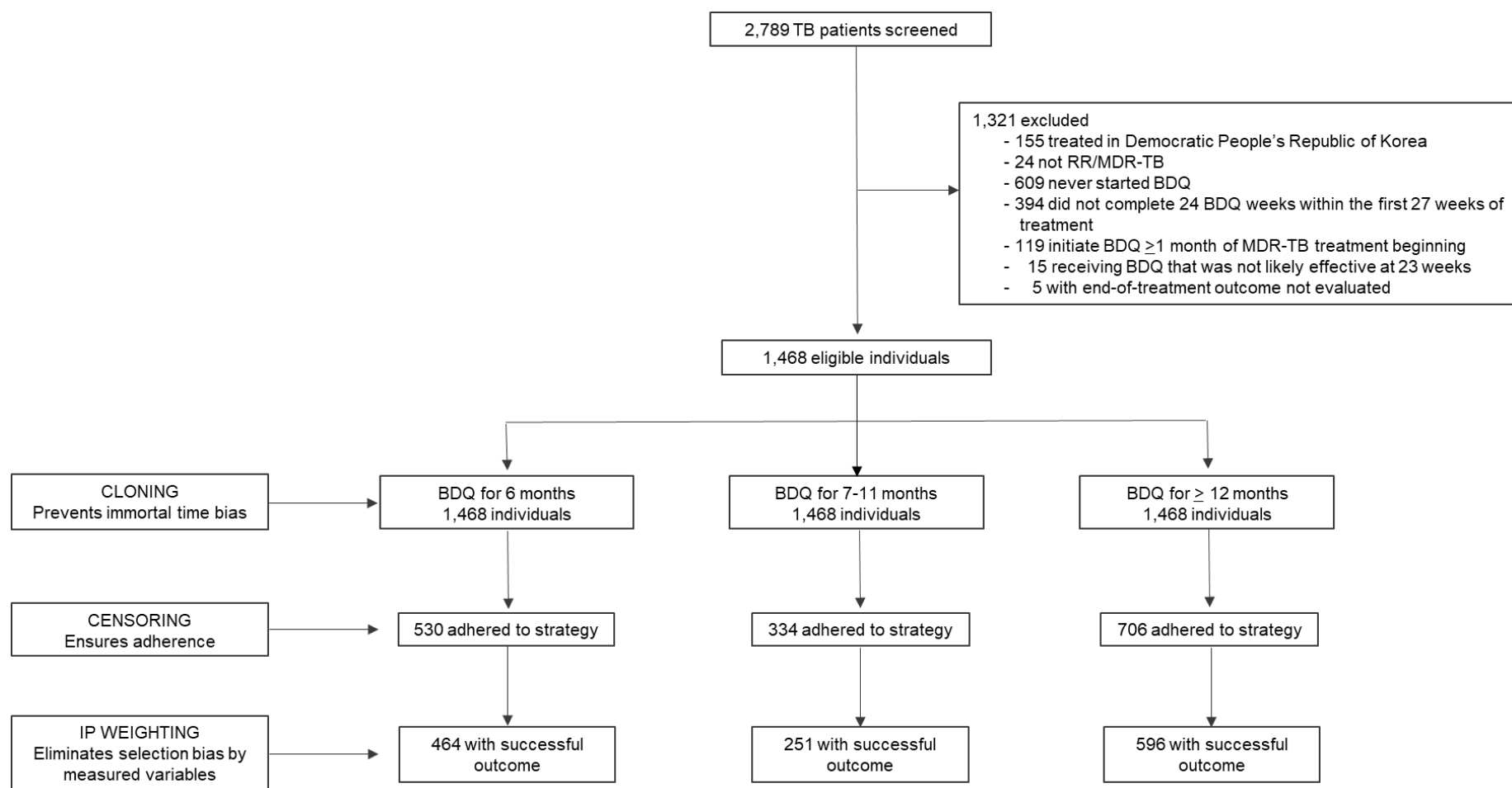


Online Data Supplement

Effectiveness of bedaquiline use beyond six months among patients with multidrug-resistant tuberculosis

Letizia Trevisi, Miguel A. Hernán, Carole D. Mitnick, Uzma Khan, Kwonjune J. Seung, Michael L. Rich, Mathieu Bastard, Helena Hueriga, Nara Melikyan, Sidney Atwood, Zaza Avaliani, Felix Llanos, Mohammad Manzur-ul-Alam, Khin Zarli, Amsalu Bekele Binedgie, Sana Adnan, Arusyak Melikyan, Alain Gelin, Afshan K. Isani, Dmitry Vetushko, Zhenisgul Daugarina, Patrick Nkundanyirazo, Fauziah Asnely Putri, Charles Vilbrun, Munira Khan, Catherine Hewison, Palwasha Y. Khan, Molly F. Franke, on behalf of the endTB Study Team.

Figure E1. Flowchart of the three-step approach, endTB dataset 2015-2018.



Abbreviations: TB = tuberculosis; RR = rifampicin-resistant; MDR = multidrug-resistant; BDQ = bedaquiline; IP = inverse probability.

Table E1. Probabilities of being uncensored for each BDQ duration strategy and follow-up period, endTB dataset 2015-2018.

BDQ duration		Probabilities of being uncensored		
24-28 weeks (6 months)	24-28 weeks	29 week - end of treatment		
	Equal 1	Equal 1		
29-47 weeks (7-11 months)	24-29 weeks	30-47 weeks	48	49- end of treatment
	Prob. of remaining on BDQ	Equal 1	(1-Prob. of remaining on BDQ, only among those who had never stopped before week 48, for the others =1)	Equal 1
≥ 48 weeks (≥ 12 months)	24-48 weeks	49 - end of treatment		
	Prob. of remaining on BDQ	Equal 1		

Abbreviations: BDQ = bedaquiline; Prob. = probabilities.

Table E2. Probabilities of being on BDQ given baseline and baseline and time-varying confounders, and stabilized weights for each BDQ duration strategy, endTB dataset 2015-2018.

6 months	N of weeks	Mean	Median	Min	Max				
Numerator	34,804	1	1	1	1				
Denominator	34,804	1	1	1	1				
Stabilized weights	34,804	1	1	1	1				

7-11 months	N of weeks	Mean	SD	Median	IQR	Min	Max
Prob. of remaining on BDQ							
Given baseline confounders	17,793	0.99	0.02	1.00	0.00	0.00	1.00
Given baseline and time-varying confounders	17,793	0.99	0.02	1.00	0.00	0.00	1.00
Numerator	17,793	0.73	0.13	0.73	0.18	0.00	0.99
Denominator	17,793	0.73	0.13	0.74	0.17	0.00	0.99
Stabilized weights	17,793	1.00	0.05	1.00	0.04	0.77	1.49

≥ 12 months	N of weeks	Mean	SD	Median	IQR	Min	Max
Prob. of remaining on BDQ							
Given baseline confounders	43,726	0.99	0.02	1.00	0.02	0.86	1.00
Given baseline and time-varying confounders	43,726	0.99	0.02	1.00	0.02	0.75	1.00
Numerator	43,726	0.57	0.20	0.58	0.28	0.09	0.99
Denominator	43,726	0.57	0.20	0.59	0.28	0.05	0.99
Stabilized weights	43,726	1.01	0.20	1.00	0.04	0.61	4.13

Abbreviations: BDQ = bedaquiline; Prob. = probabilities; SD = standard deviation; IQR = interquartile range; Min = minimum; Max = maximum.