

Abbreviates

AEM	- Asian epidemic model
ART	- Antiretroviral therapy
AUC	- Area under the ROC curve
CD4	- Cluster of differentiation 4
DR	- Death registration
EM	- Expectation maximization
GMM	- Gaussian mixture model
HIV	- Human immunodeficiency virus
ICD-10	- International classification of diseases, the 10 th revision
ID	- Identification
IDU	- Injecting drug user
MAR	- Missing at random
MCAR	- Missing completely at random
MI	- Multiple imputation
ML	- Maximum likelihood
MNAR	- Missing not at random
MoPH	- Ministry of Public Health
MSM	- Men who have sex with men
Other CVD	- Other Disease of the circulatory system (excluded Stroke and Ischemic heart disease)
PPS	- Probability-proportional-to-size
Q-Q plots	- Quantile-Quantile plots

Abbreviates (cont.)

ROC	- Receiver operating characteristic
SMR	- Standardized mortality ratio
SPC	- Survey of population change
SPICE	- Setting priorities using information on cost- effectiveness analysis
SRS	- Simple random sampling
STIs	- Sexually transmitted infections
TB	- Tuberculosis
TIN	- Triangular irregular network
UNAIDS	- The joint United Nations programme on HIV and AIDS
U.S. CDC	- United States centers for disease control and prevention
VA	- Verbal autopsy
VB-EM	- Variational Bayesian expectation maximization
WHO	- World Health Organization