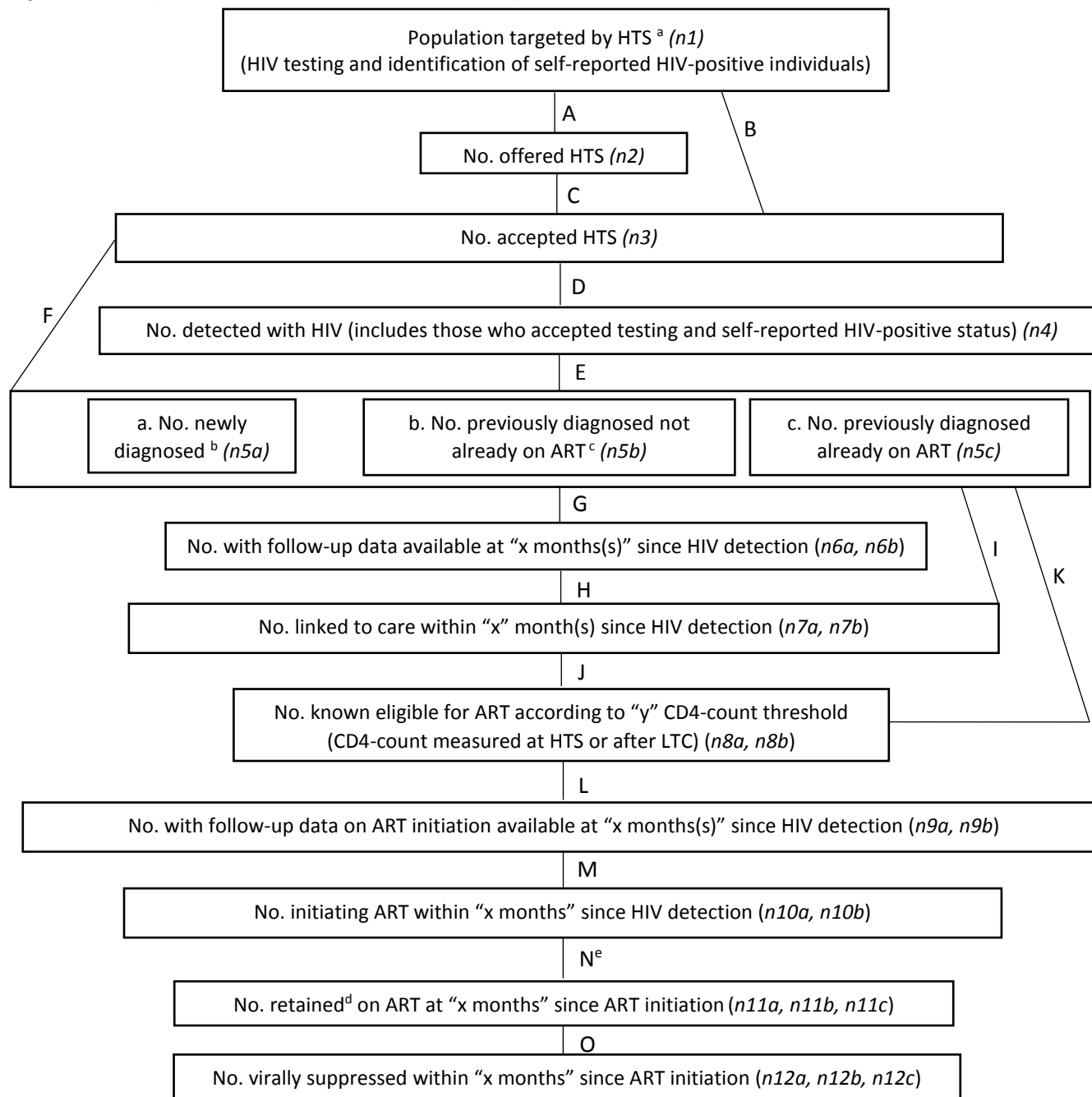**Supplementary Figure-2: Template of standard indicators for reporting observed cascade of care data following community-based HTS (excludes "time-to-event" estimates)**

Population targeted by HTS [a] $(n1)$
(HIV testing and identification of self-reported HIV-positive individuals)

A

No. offered HTS $(n2)$

B

C

No. accepted HTS $(n3)$

D

F

No. detected with HIV (includes those who accepted testing and self-reported HIV-positive status) $(n4)$

E

a. No. newly diagnosed [b] $(n5a)$

b. No. previously diagnosed not already on ART [c] $(n5b)$

c. No. previously diagnosed already on ART $(n5c)$

G

No. with follow-up data available at "x months(s)" since HIV detection $(n6a, n6b)$

I

K

H

No. linked to care within "x" month(s) since HIV detection $(n7a, n7b)$

J

No. known eligible for ART according to "y" CD4-count threshold (CD4-count measured at HTS or after LTC) $(n8a, n8b)$

L

No. with follow-up data on ART initiation available at "x months(s)" since HIV detection $(n9a, n9b)$

M

No. initiating ART within "x months" since HIV detection $(n10a, n10b)$

N [e]

No. retained [d] on ART at "x months" since ART initiation $(n11a, n11b, n11c)$

O

No. virally suppressed within "x months" since ART initiation $(n12a, n12b, n12c)$

A. Proportion of target population offered HTS $(n2/n1)$
B. Population coverage of HTS $(n3/n1)$
C. Proportion accepted HTS among offered $(n3/n2)$
D. HIV-positivity in population accepting HTS $(n4/n3)$
E. Proportion of each HIV+ve sub-group (a.newly diagnosed; b. previously diagnosed not on ART; c.previously diagnosed already on ART) among those detected by HTS $(n5a/n4; n5b/n4; n5c/n4)$
F. Proportion of HIV+ve sub-group among those who accepted HTS $(n5a/n3; n5b/n3; n5c/n3)$
G. Proportion with follow-up data among respective sub-groups, at one or more of 1m / 3m / 6m / 12m (from when individual received HTS) [e] $(n6a/n5a; n6b/n5b)$
H. Proportion linked to care among those with follow-up data by respective sub-groups, at one or more of 1m / 3m / 6m / 12m $(n7a/n6a; n7b/n6b )$
I. Proportion known linked to care among all those detected with HIV by respective sub-groups, at one or more of 1m / 3m / 6m / 12m $(n7a/n5a \& n7b/n5b)$
J. Proportion identified as eligible for ART initiation (100% if universal treatment applies) among those LTC by respective sub-groups, at one or more of 1m / 3m / 6m /12m $(n8a/n7a \& n8b/n7b)$
K. Proportion identified as eligible for ART initiation (100% if universal treatment applies) among those who accepted HTS by respective sub-groups, at time of detection $(n8a/n5a \& n8b/n5b)$
L. Proportion on whom there is follow-up data on ART initiation, among those eligible (100% if universal treatment applies) by respective sub-group $(n9a/n8a \& n9b/n8b)$
M. Proportion initiating ART among those eligible (100% if universal treatment applies) with follow-up data, by sub-group $(n10a/n9a \& n10b/n9b)$
N. Proportion documented as retained on ART, by sub-group $(n11a/n10a, n11b/n10b, n11c/n5c^{e})$
O. Proportion virally suppressed among those retained on ART, by sub-group $(n12a/n11a, n12b/n11b, n12c/n11c)$

a. Estimated or measured eg by census of target community     b. Not self-reporting as HIV-positive     c. This group could be further sub-divided into already in care (& not on ART) vs not already in care (& not on ART)
d. Retained = data confirming "on ART" in last 3 months     e. For those previously started on ART – denominator is n5c and time since ART was first initiated