**Appendix C: Query of the Prevention Research Synthesis (PRS) Database**

Dates searches performed: August 2016, November 2016, and January 2018

Three searches were performed in PRS using Registry criteria coding with the following parameters:

Published years: 1988 – 2017

Citations with the following coded information:

**SEARCH 1**: Coded criteria search

* Keywords = ( [HIVP-adher] OR [HIVP-beh/psy] OR [HIVP-LRC] OR [HIVTxDEL/DEV] ) **AND** ( {Is it an Intervention or Non-intervention report?} = [Systematic review] OR {Keywords} = ( [SRHIVP-NB] OR [SRINT] ) )

**SEARCH 2**: Citations were searched in the Title, Abstract, or Keywords for terms:

* ( systematic review\*|meta anal\* AND adher\* )

**Note**: \* looks for any word with a root with that term

**Note**: \*\* As defined in the PRS Project Efficacy Codebook, last updated Oct 30, 2017

Definitions for PRS Project coded terms:

**Systematic Review** coded as “A report of a review that describes an attempt to do a complete and thorough search of the literature. The review can include a quantitative (mathematical) synthesis (e.g., meta-analysis, cost effectiveness) or qualitative synthesis (e.g., descriptive summary)”

Keywords:

**HIVP-adher**

* Focus or target is HIV-positive participants.
* If Intervention, the intervention has a clear cognitive behavioral component trying to improve adherence and the report has behavioral/biologic outcomes.
* If Non-Intervention, a Systematic Review Report that examines HIV adherence behaviors including interventions or correlates.

**HIVP-beh/psy**

* Focus or target is HIV-positive participants, or outcome data is stratified by serostatus.
* If Interventions, all types should be coded (e.g., cognitive therapy type intervention, typical behavioral type intervention, or prevention case management type intervention/service/program), except drug tx only.
* If Interventions, sex or drug behavioral, biologic, or psychological outcomes required.
* If Non-Intervention, a Systematic Review Report of behavioral correlates or intervention studies that do not receive the HIVP-adher, HIVTxDelDev or HIVP-LRC keyword unless there is an additional review component focused on beh/psy interventions or correlates (e.g., cognitive therapy type intervention, typical behavioral type intervention, prevention case management type intervention/service/program, etc.) in addition to the adherence or LRC component.

**HIVP-LRC**

* In-Scope, Intervention report, or Non-Intervention report.
* Targets or stratifies data for HIV-positive participants or focus on identifying HIV-positive persons and has some aspect of linking to, engagement, retention, or re-engagement in HIV primary medical care.
* If Non-Intervention, it is a Systematic review report of interventions focused on linking, engagement or retention in HIV care OR is Non-Intervention Other and has association/correlation data for LRC-related outcomes. Do not code qualitative data.
* If Intervention, it has LRC-related outcomes for HIV primary medical care (e.g., HIV primary medical care could be measured as kept/missed medical/clinical visit(s), retention or gaps in care, referrals to medical care, health care utilization, viral load, CD4 count, loss to follow up if it pertains to HIV medical care and not study/ART program attrition, or scale/index/score including such outcomes), or it has LRC-related association data.
* If the type of care is vague or unclear if it is HIV primary care (e.g., ambulatory care, gaps in care, outpatient visits, medical services, pre-ART care), code here to be over inclusive.

**HIVTxDEL/DEV**

* In-Scope Intervention report or Non-Intervention report.
* If Intervention, the report has Beh/Bio outcomes and is focused on HIV medical treatment (tx) adherence and adherence-related delivery method (e.g., directly-observed tx [DOT], modified directly observed therapy [MDOT], directly administered antiretroviral therapy [DAART], directly delivered therapy [DDT], partner-delivered tx or the main component of the intervention is an adherence-related device (e.g., medication alarm [ALR], MEMS cap, electronic reminder devices [ERDs]).
* If Non-Intervention, a Systematic Review Report (A.3.b.2) that is focused on HIV medical treatment (tx) adherence and adherence-related delivery method including interventions or correlates as described in above bullet.

**SRHIVP-NB**

* HIV/AIDS/STD/HBV/HCV focus & Literature Review [non-behavioral].
* Focus or target is HIV-positive persons.
* A systematic review.
  + Do not code this keyword with the behavioral HIVP keywords (HIVP-adher; HIVP-Beh/Psy; HIVP-DEL/DEV; HIVP-LRC) unless there is a separate non-behavioral focus on HIV positive persons. You may code it with any other applicable systematic review keywords.
  + Report can imply rather than explicitly state that that the target population is HIV positive persons (e.g., study participants are on HAART).
  + Do not code vertical transmission here.

**SRINT**

* HIV/AIDS/STD/HBV/HCV focus, Behavioral and Non-Intervention report.
* If Non-Intervention, it is a Systematic review report of interventions. An intervention is defined as a specific entity (e.g., a specific intervention study, a particular program) with one or more elements or events, developed or implemented with a clear aim to promote positive change in behaviors, either directly or indirectly.
  + Note: You may code this keyword with all other applicable Systematic Review keywords (including STDCT/Tx only or HIVCT only).
  + Note: If the systematic review has both intervention studies and other types of reports (e.g., correlate reports), give the systematic review the SRINT keyword.
  + Note: Do not code here for interventions that are other than HIV/STD/HBV/HCV-related (e.g., interventions for other medical conditions).
  + Note: Do not code here for interventions that are non-behavioral.