HIV Implementation Literature Review Dashboard Quick Start Manual

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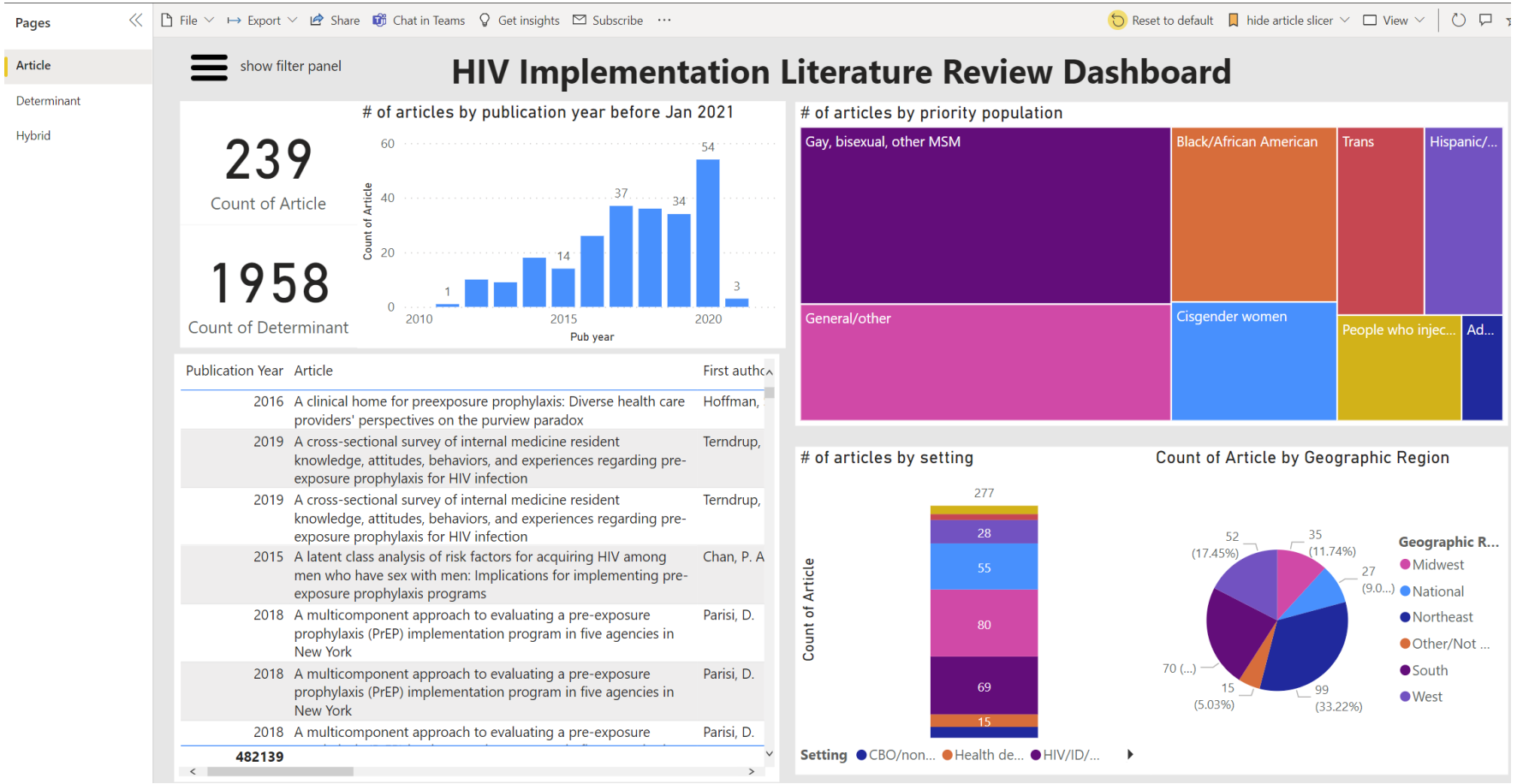
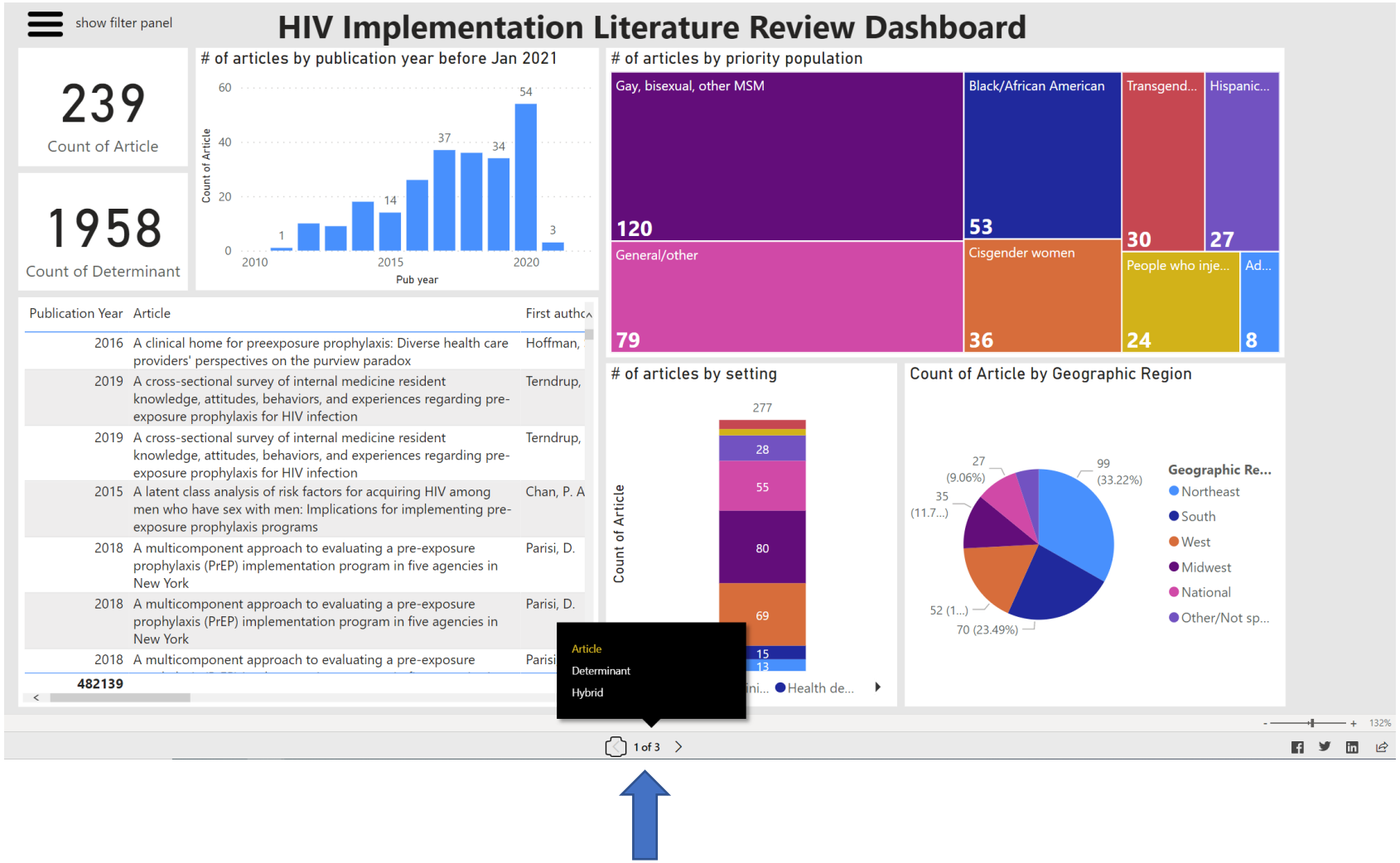
Summary

Our team completed a systematic review of U.S. studies that identified multilevel determinants of PrEP implementation using the updated Consolidated Framework for Implementation Research. Determinants were coded using the updated CFIR 2.0. Our database comprised over 1,900 measured determinants from 239 peer-reviewed articles. Data collection was performed during January 2021, in Ovid MEDLINE, PsycINFO, and Web of Science databases. The dashboard was developed using MS Power BI.

Landing page



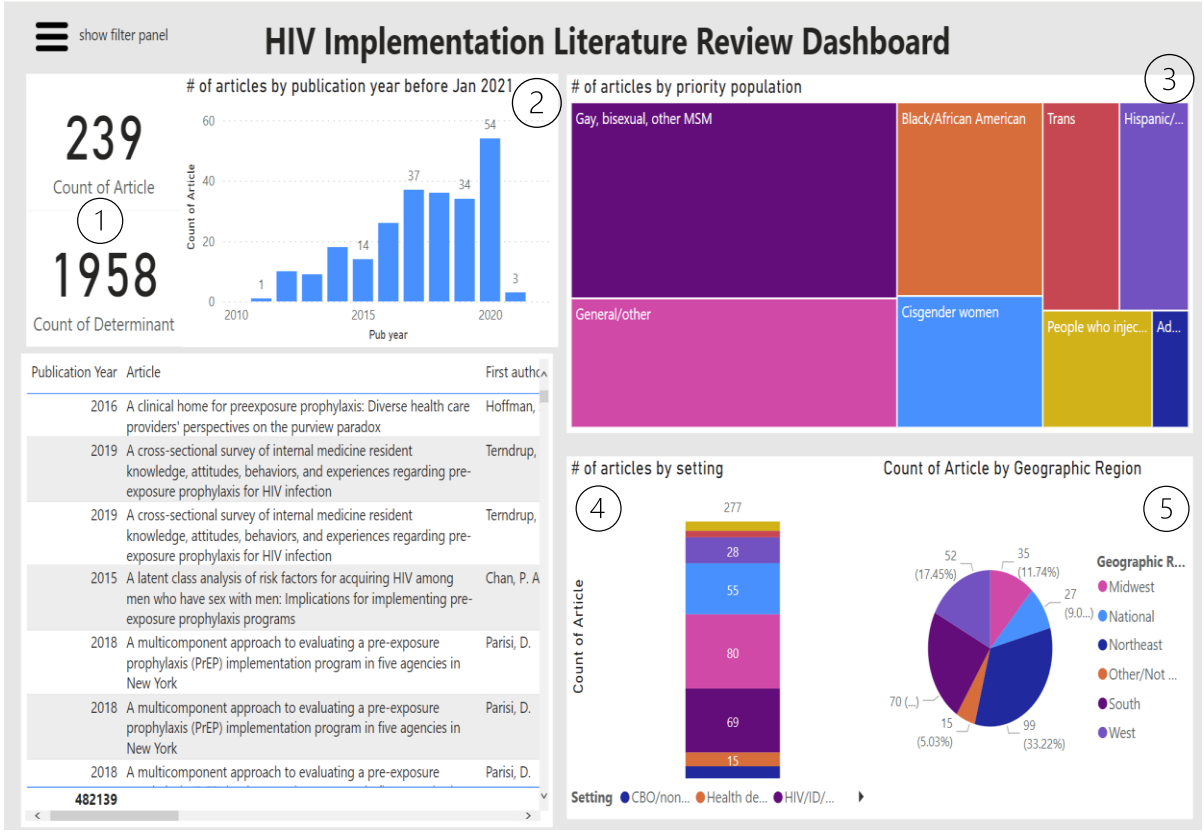
How to change tabs



Article tab

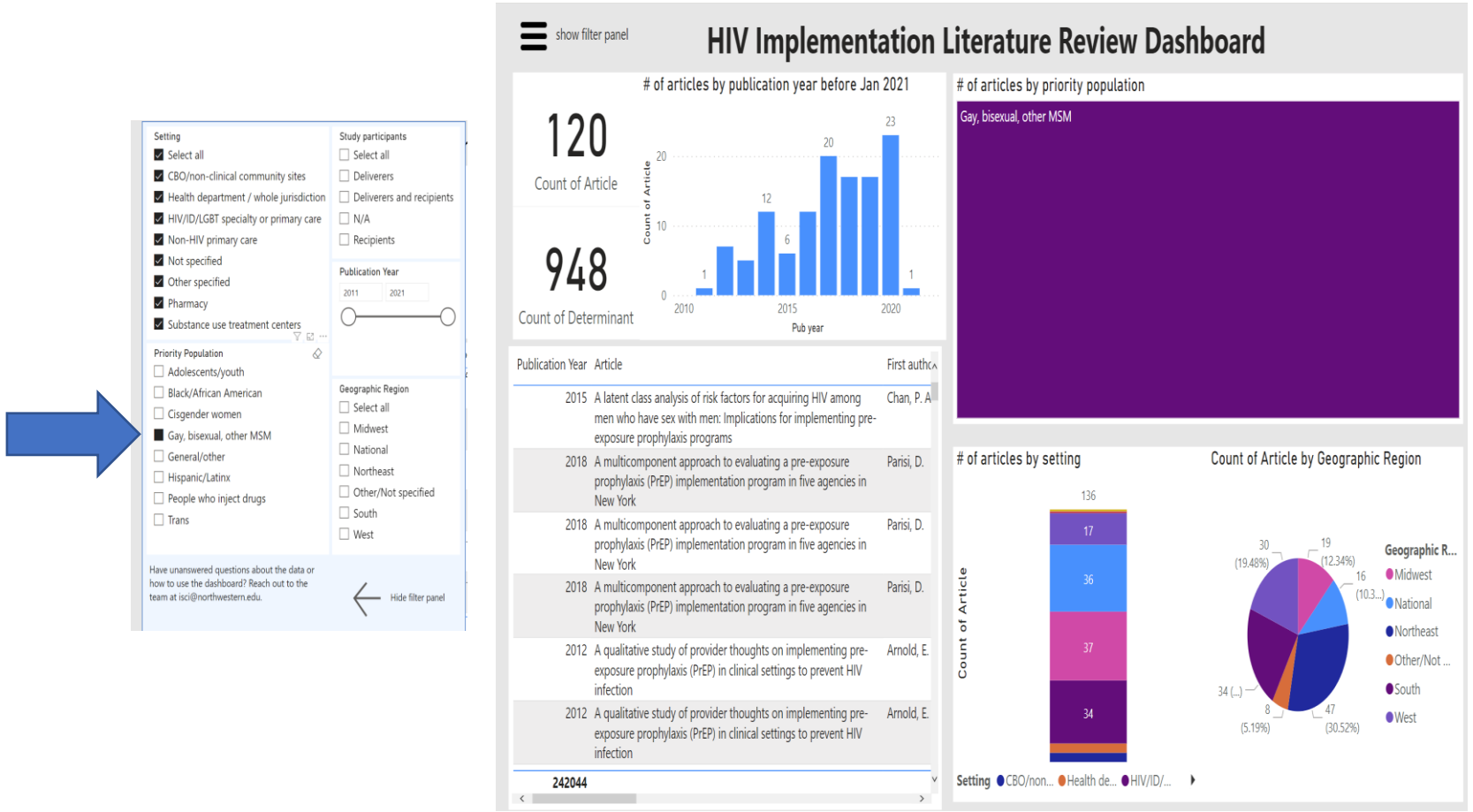
- presents data coded from the 239 articles included in the review

Know our dashboard: Article tab



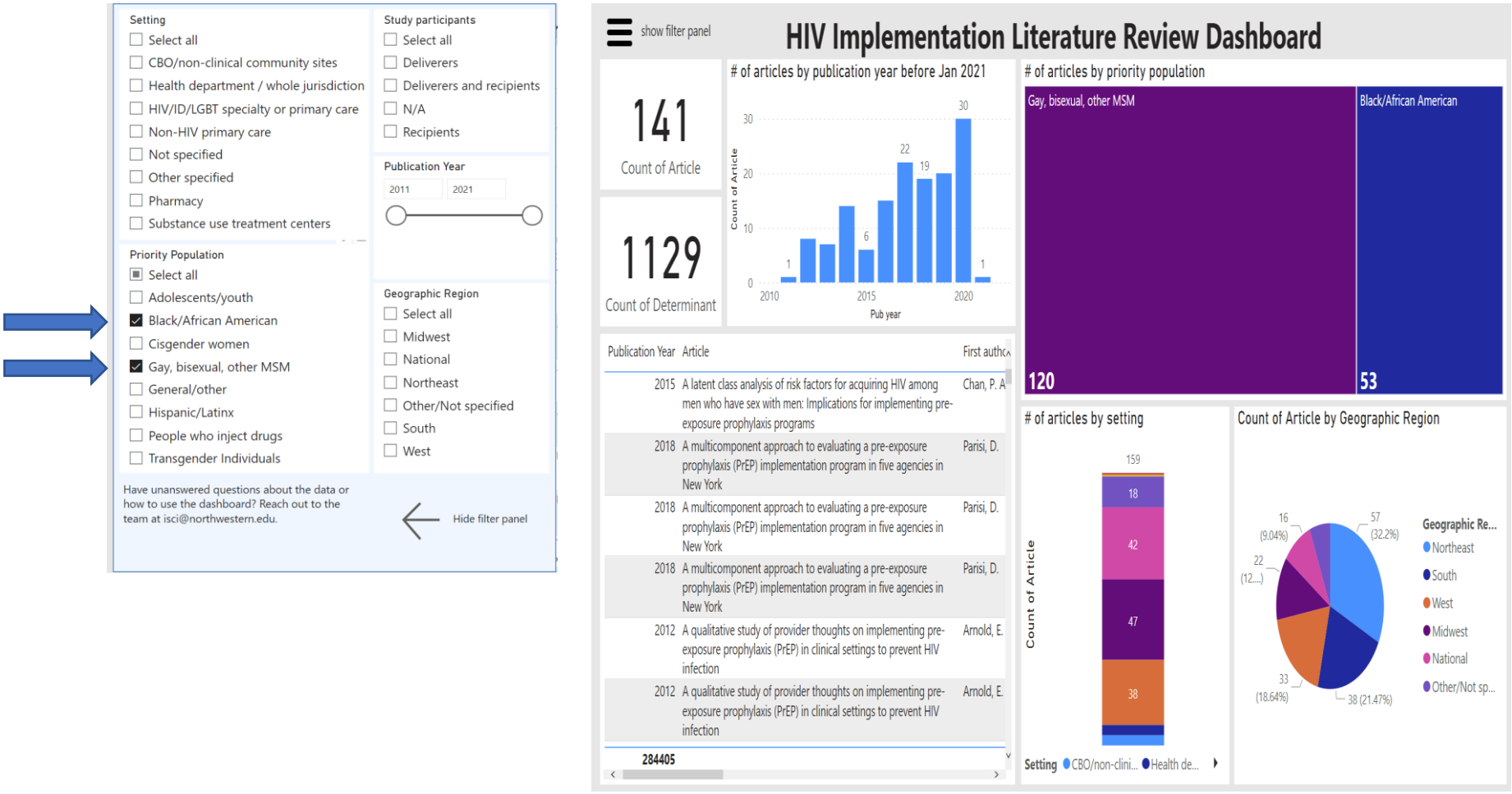
- 1- Counter
- 2- Number of articles by year
- 3- Number of articles by priority population
- 4- Number of articles by setting
- 5- Number of articles by geographical location
- 6- Panel of filters
  - Eraser, will clear your filters
  - Expand, will put your selection in full screen

Example: if you filter by MSM



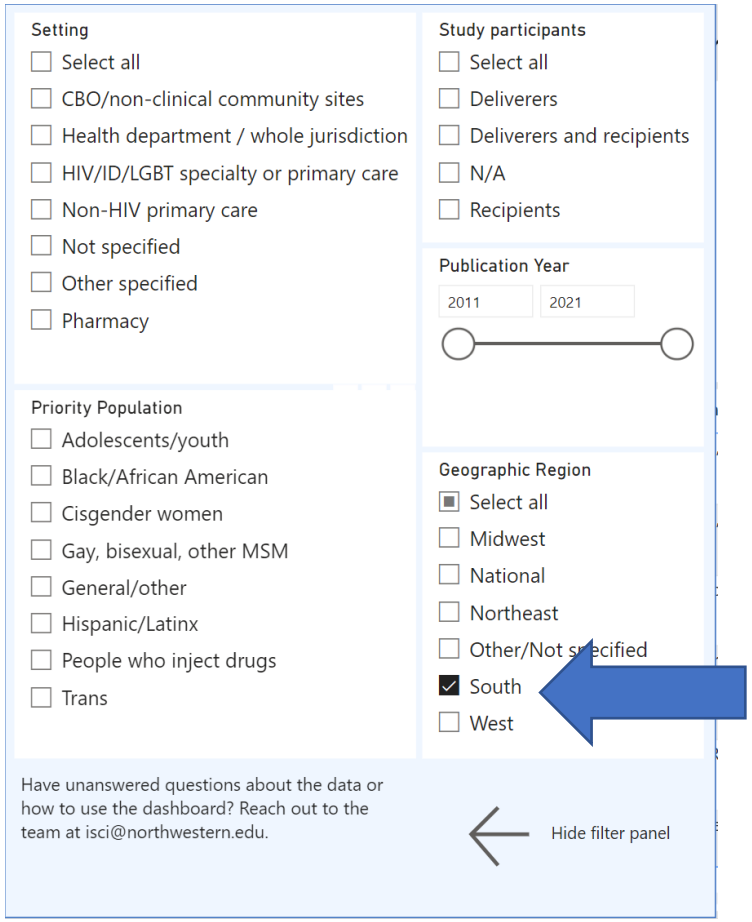
- You can select the filters on the left to narrow you search.
- Click on the filters to select you inclusion criteria.
- The results of the selection process can be seen in the Counter on the top-center of the dashboard.

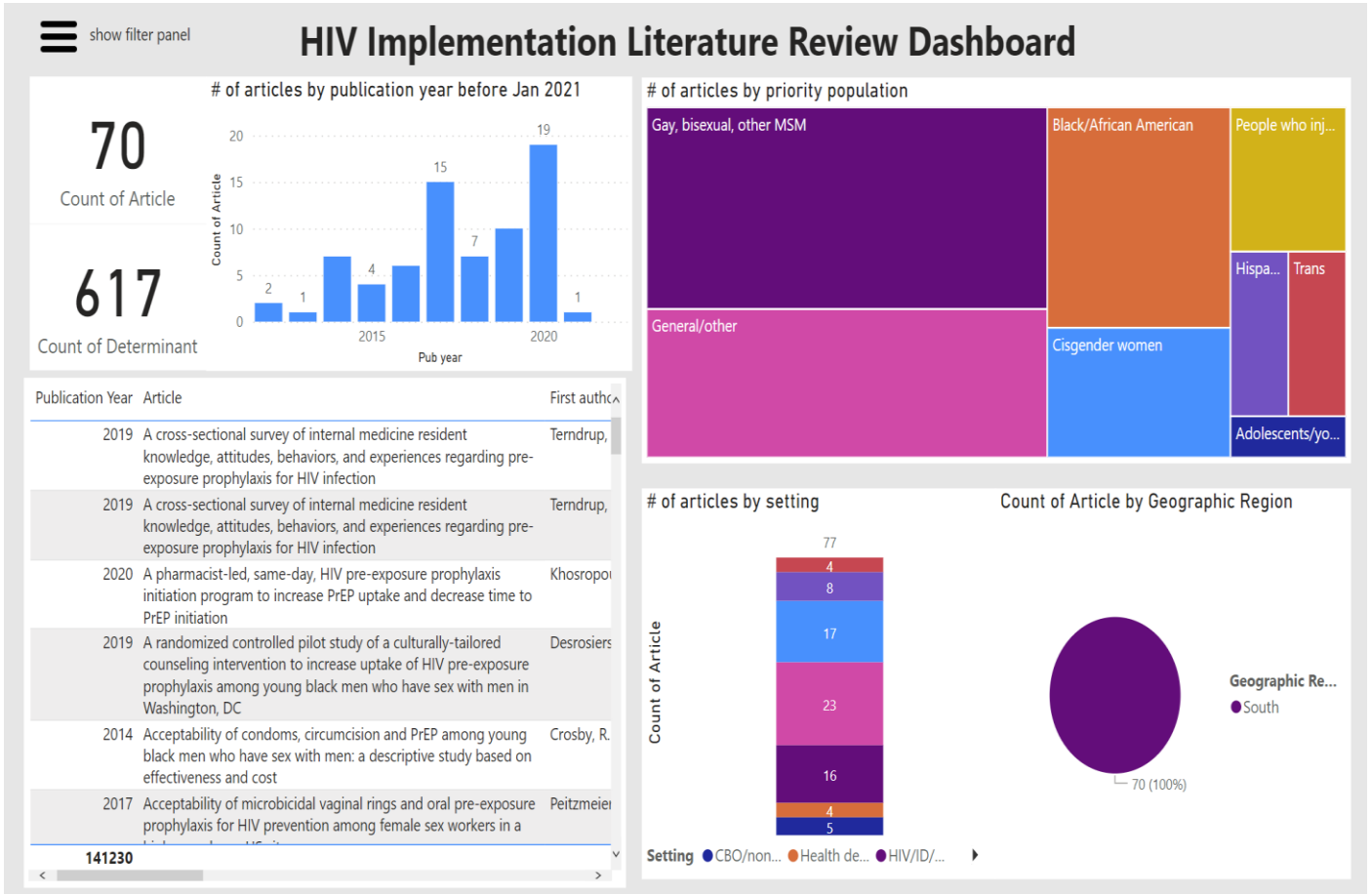
Example: Multiple filters within a variable



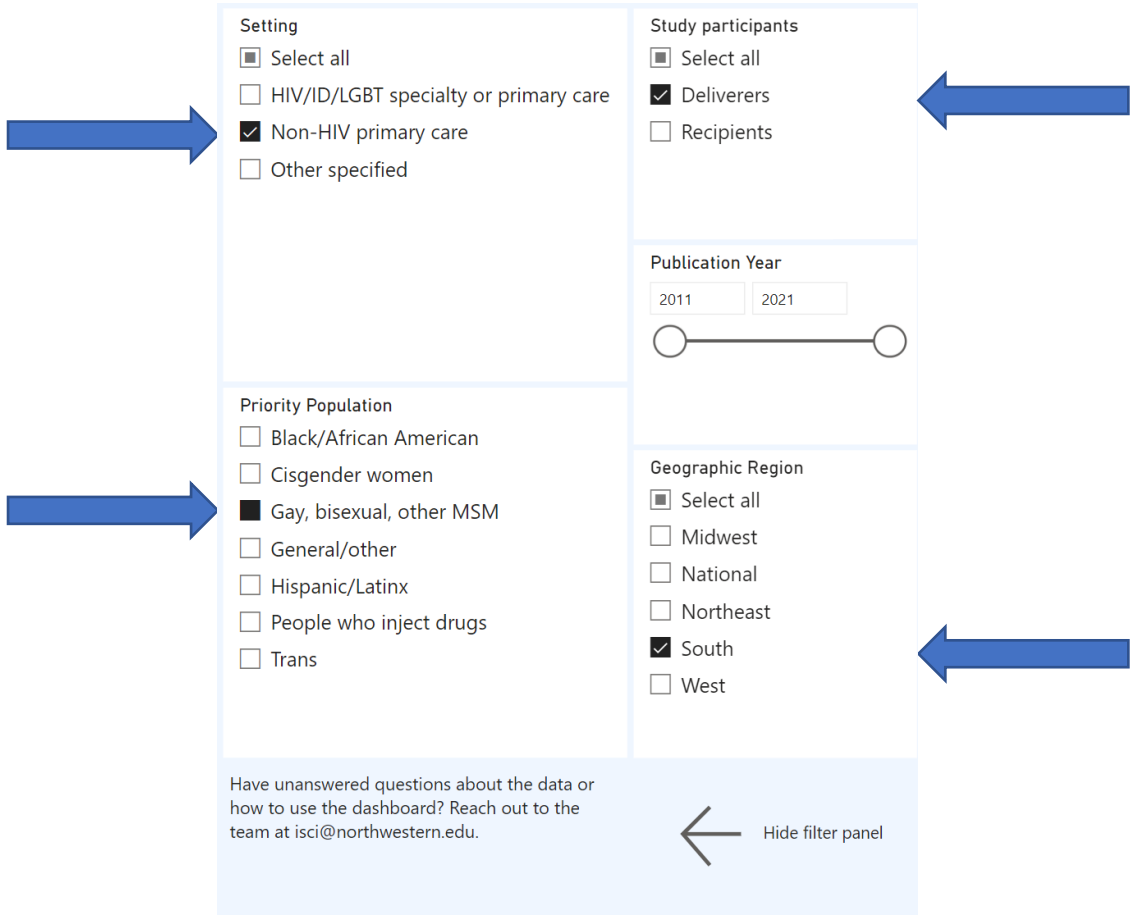
When you select more than one option within the same filter, the results will show you every paper with one **OR** another.

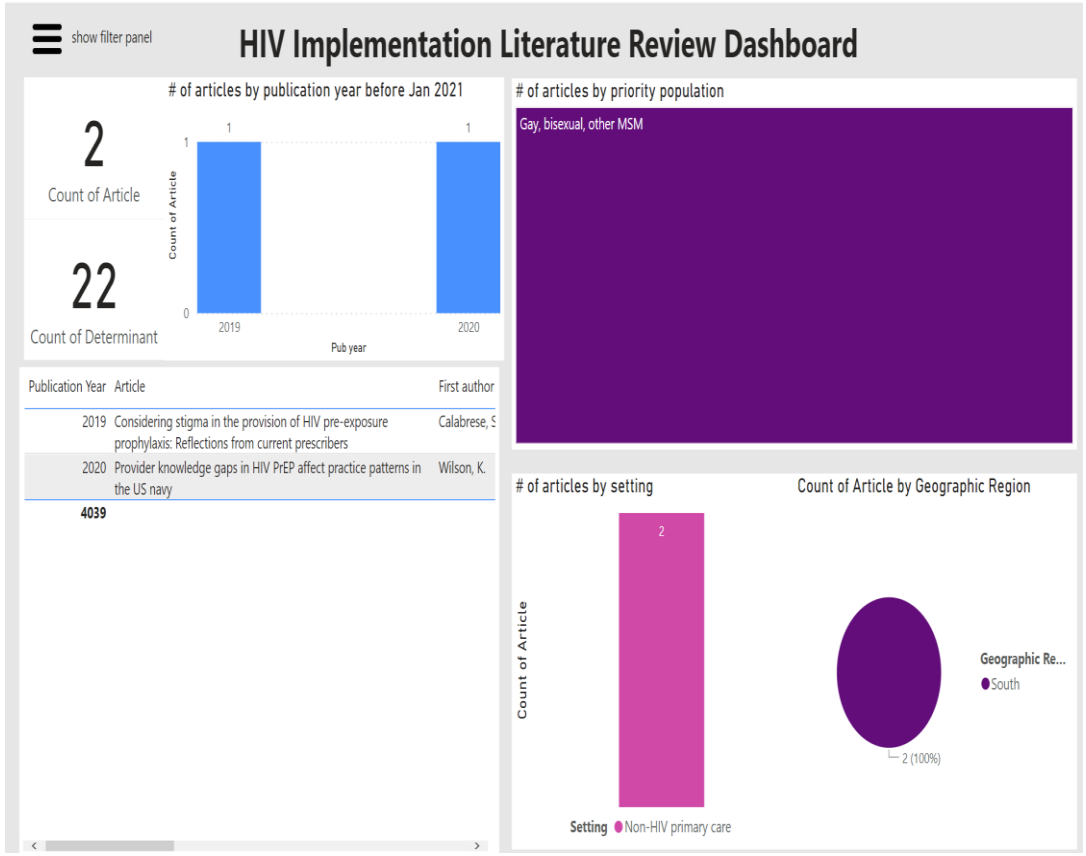
Example if you filter by Geographic region





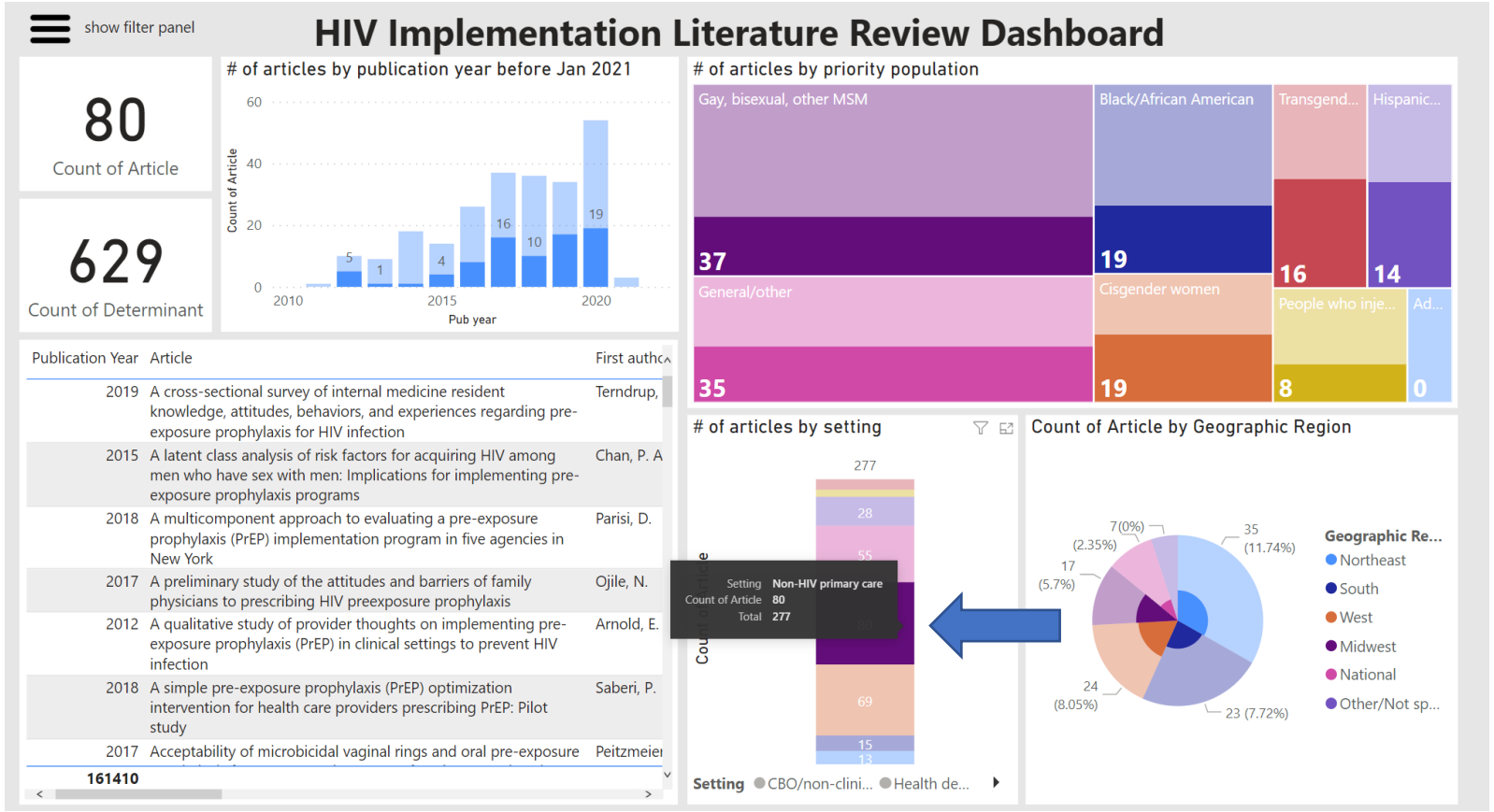
Example after applying various filters





- Articles displayed contain <u>all fields</u> across unique variables (setting and region)

Exploring the graphs

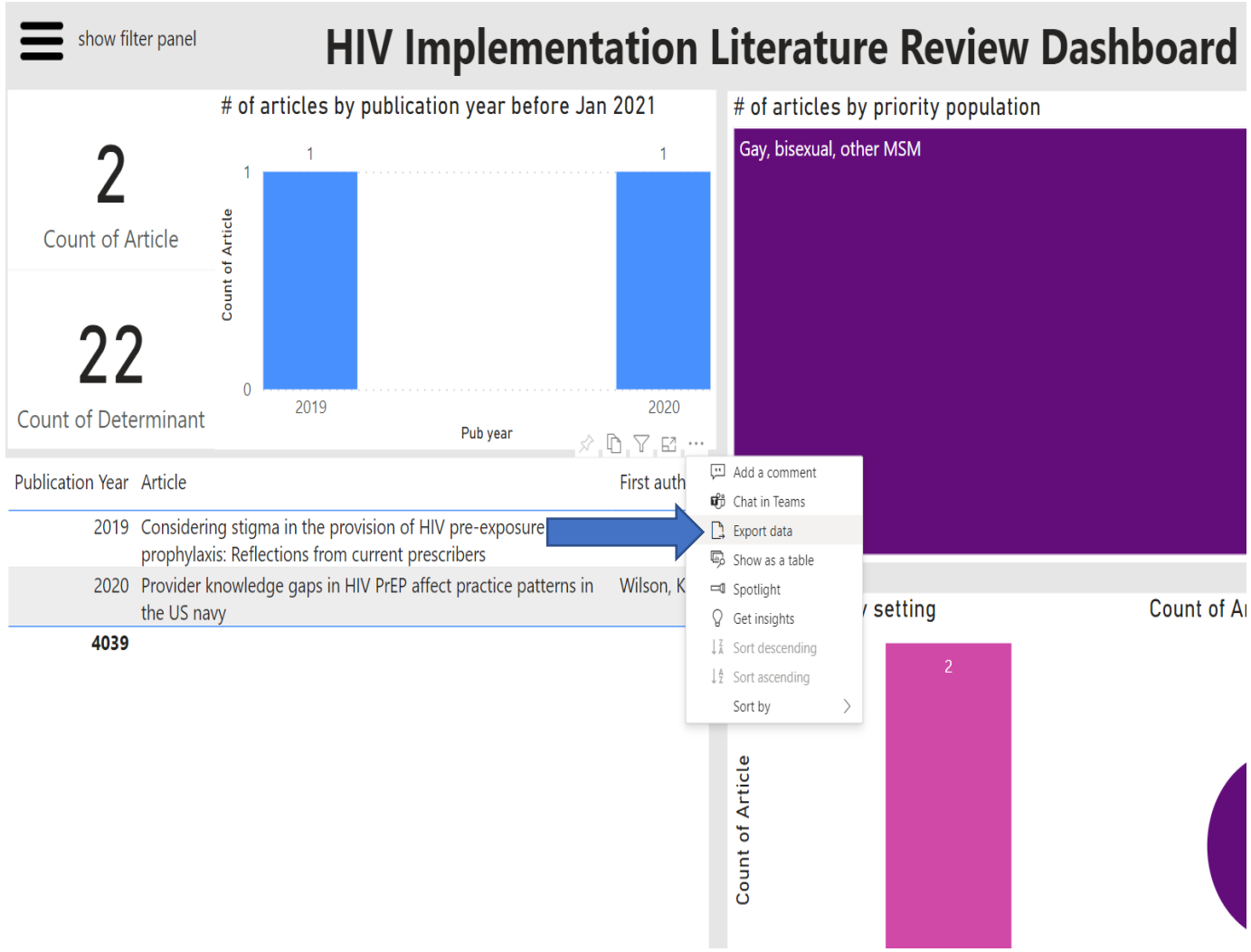


Another way you can filter the articles is by clicking in the graph segments.

Once you select one, all the other graphs are going to apply that same filter and cross tabulate.

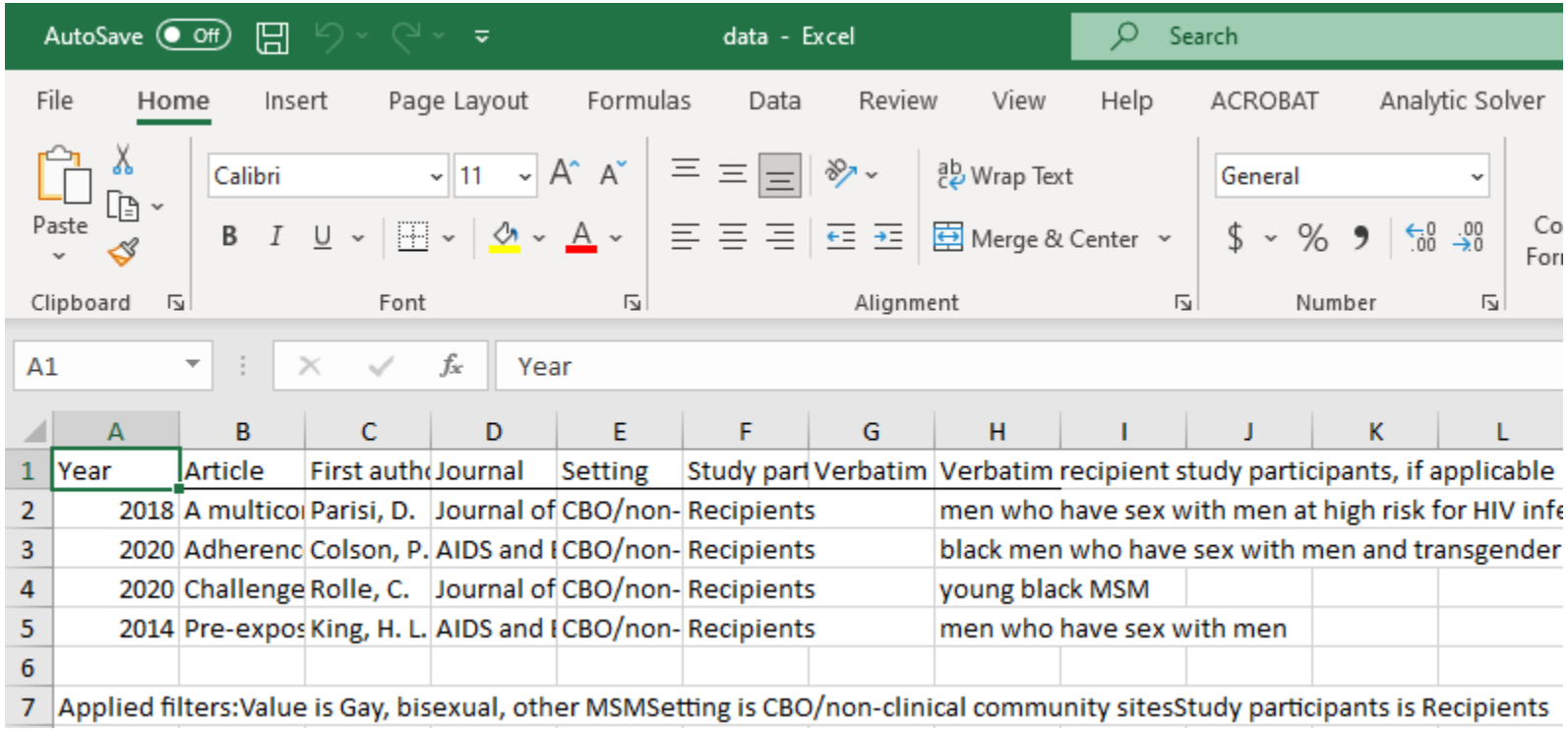
You can only choose one variable at time this way.

How to export your search results



1. Place the mouse over the table of results.
2. Click on the "...".
3. Select Export Data.
4. Choose which format to export your selection.

This is how your export will appear in Excel

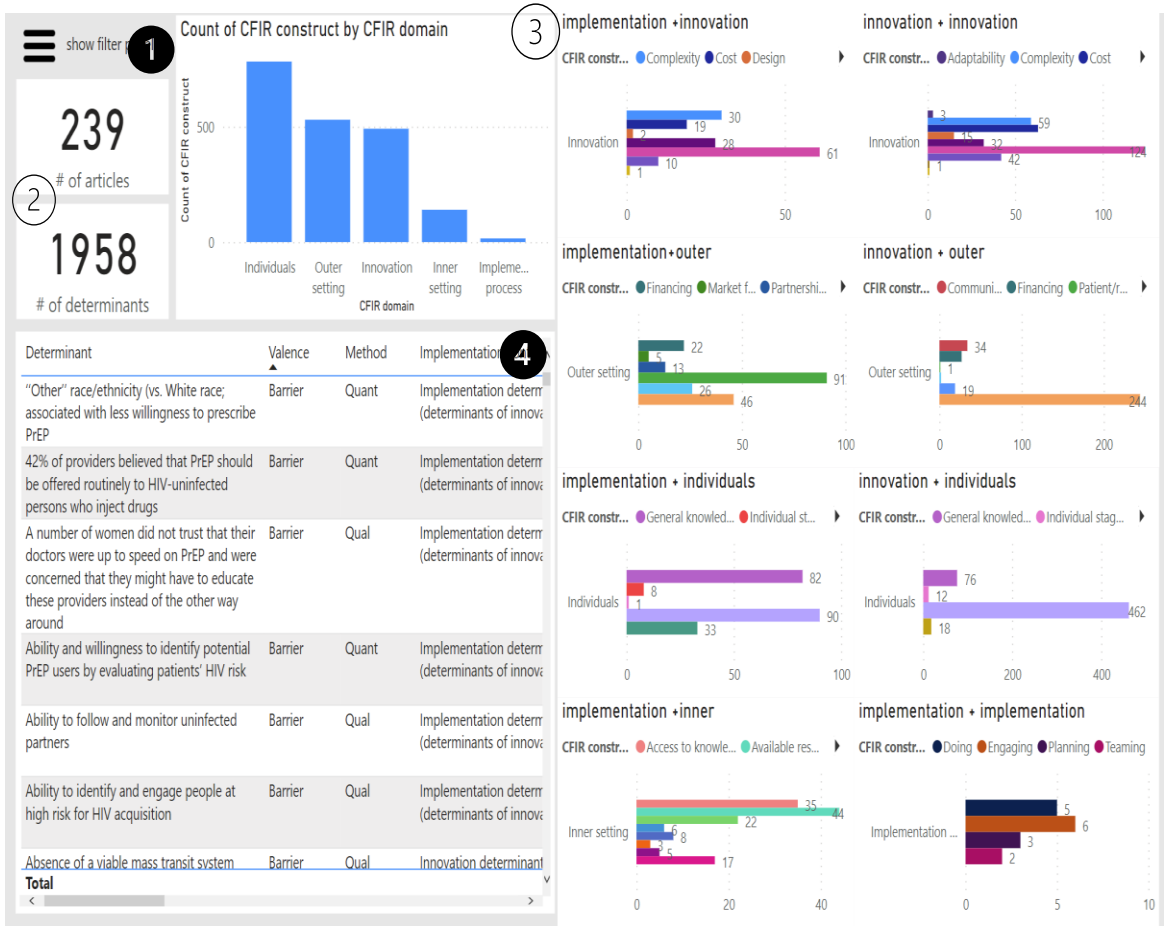


	A	B	C	D	E	F	G	H	I	J	K	L
1	Year	Article	First autho	Journal	Setting	Study part	Verbatim	Verbatim recipient study participants, if applicable				
2	2018	A multicor	Parisi, D.	Journal of	CBO/non-	Recipients		men who have sex with men at high risk for HIV infe				
3	2020	Adherenc	Colson, P.	AIDS and E	CBO/non-	Recipients		black men who have sex with men and transgender				
4	2020	Challenge	Rolle, C.	Journal of	CBO/non-	Recipients		young black MSM				
5	2014	Pre-expos	King, H. L.	AIDS and E	CBO/non-	Recipients		men who have sex with men				
6												
7	Applied filters:Value is Gay, bisexual, other MSMSetting is CBO/non-clinical community sitesStudy participants is Recipients											

Determinants dashboard

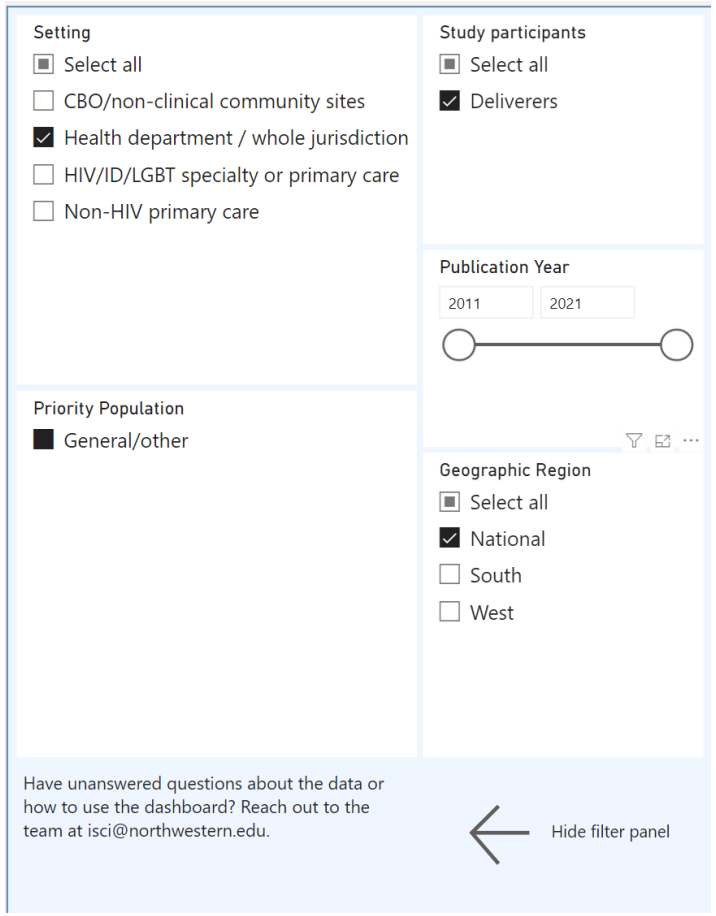
Includes data of all determinants coded across the articles; many articles contained numerous determinants

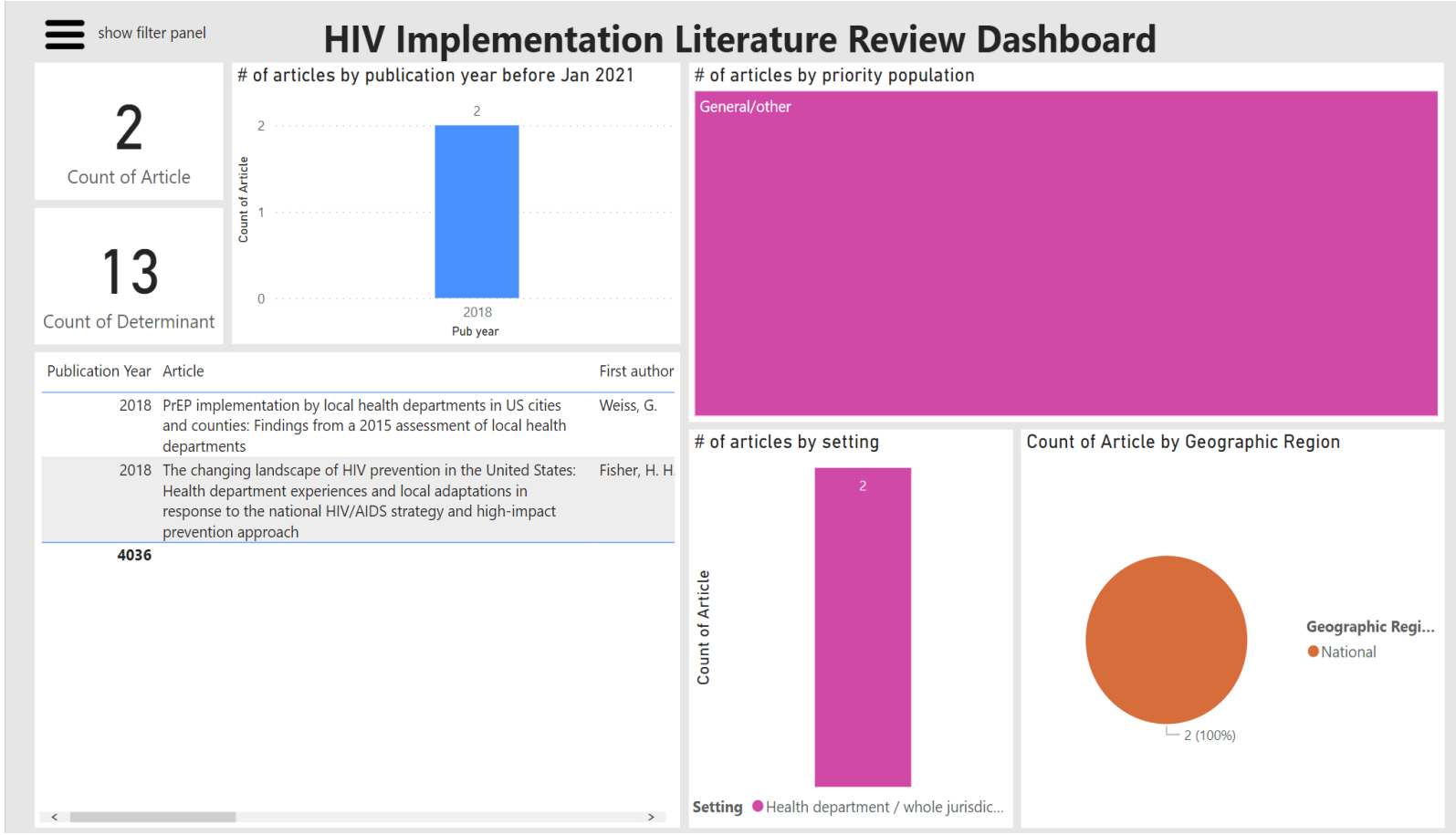
Know our dashboard: Determinant tab



- 1- Filters
- 2- Counter
- 3- Number of articles by CFIR domain x implementation continuum
- 4- Table of results based on your filters

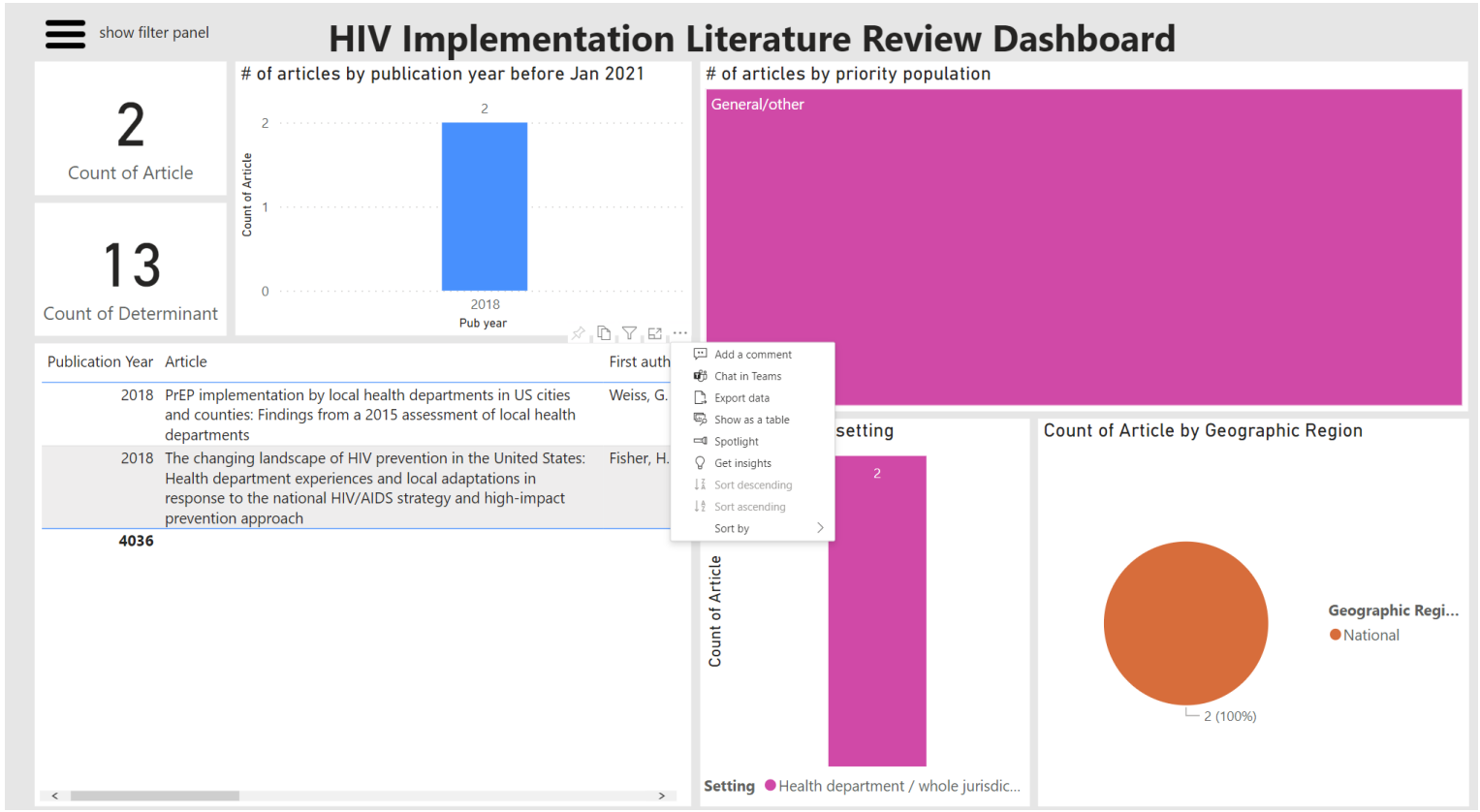
Example of determinant search





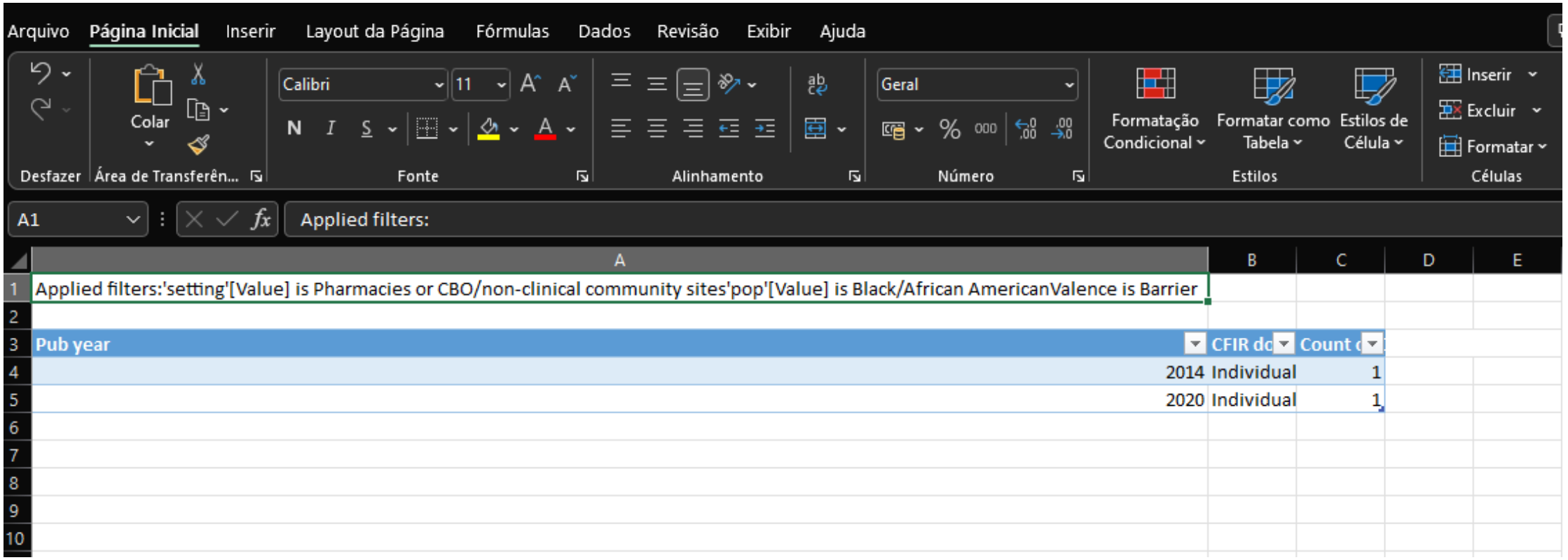
- Articles displayed contain <u>all fields</u> across unique variables

How to export your determinants search



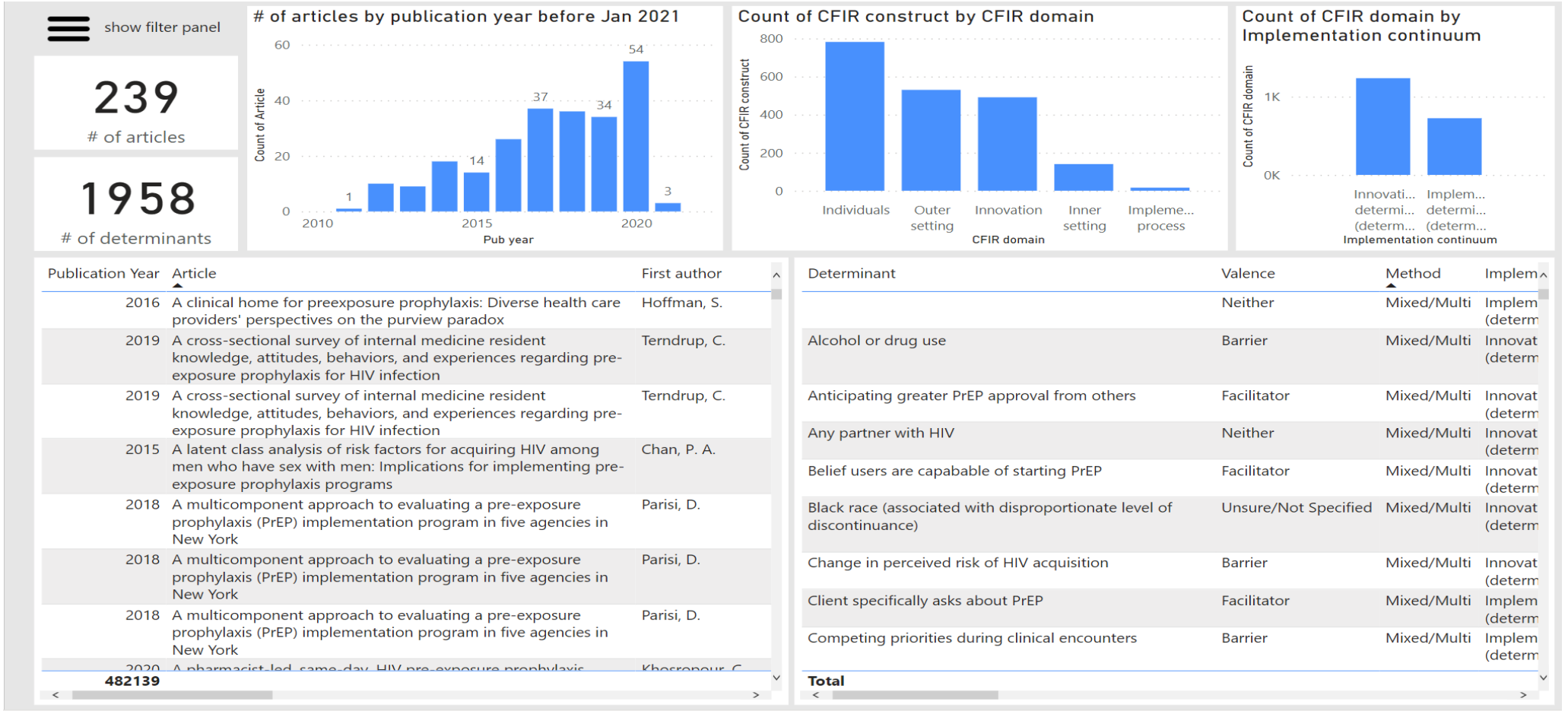
1. Place the mouse over the table of results.
2. Click on the "...".
3. Select Export Data.
4. Choose which format to export your selection.

This is how the exported data appears in Excel



Hybrid tab

- An alternative visualization that allows you to explore Article and Determinants results at the same time. Filters work in a similar fashion as the other tabs.



Publication Year	Article	First author
2016	A clinical home for preexposure prophylaxis: Diverse health care providers' perspectives on the purview paradox	Hoffman, S.
2019	A cross-sectional survey of internal medicine resident knowledge, attitudes, behaviors, and experiences regarding pre-exposure prophylaxis for HIV infection	Terndrup, C.
2019	A cross-sectional survey of internal medicine resident knowledge, attitudes, behaviors, and experiences regarding pre-exposure prophylaxis for HIV infection	Terndrup, C.
2015	A latent class analysis of risk factors for acquiring HIV among men who have sex with men: Implications for implementing pre-exposure prophylaxis programs	Chan, P. A.
2018	A multicomponent approach to evaluating a pre-exposure prophylaxis (PrEP) implementation program in five agencies in New York	Parisi, D.
2018	A multicomponent approach to evaluating a pre-exposure prophylaxis (PrEP) implementation program in five agencies in New York	Parisi, D.
2018	A multicomponent approach to evaluating a pre-exposure prophylaxis (PrEP) implementation program in five agencies in New York	Parisi, D.
2020	A pharmacist-led, same-day, HIV pre-exposure prophylaxis	Khosropour, C.
482139		

Determinant	Valence	Method	Implem
	Neither	Mixed/Multi	Implem (determ
Alcohol or drug use	Barrier	Mixed/Multi	Innovat (determ
Anticipating greater PrEP approval from others	Facilitator	Mixed/Multi	Innovat (determ
Any partner with HIV	Neither	Mixed/Multi	Innovat (determ
Belief users are capabable of starting PrEP	Facilitator	Mixed/Multi	Innovat (determ
Black race (associated with disproportionate level of discontinuance)	Unsure/Not Specified	Mixed/Multi	Innovat (determ
Change in perceived risk of HIV acquisition	Barrier	Mixed/Multi	Innovat (determ
Client specifically asks about PrEP	Facilitator	Mixed/Multi	Implem (determ
Competing priorities during clinical encounters	Barrier	Mixed/Multi	Implem (determ
Total			