

Todas as perguntas serão respondidas em cima de dois espaços amostrais:

1. 10 países em que houve maior crescimento percentual recente (entre as waves 6 e 7) de Católicos Romanos (Grupo 1).
2. 10 países em que houve maior crescimento percentual recente de Católicos Romanos em relação ao montante “Católicos Romanos + Protestantes” (Grupo 2).

Para isso, serão utilizadas, respectivamente, as views criadas:

"mvp_wvs.gold.v_top10_countries_recent_growth_catholicism" e

"mvp_wvs.gold.v_top10_countries_recent_growth_catholicismxprotestantisms".

Comentário geral:

De modo geral, o Grupo 1 apresenta valores mais tradicionais e conservadores em todas as dimensões analisadas, com maior religiosidade, maior adesão a papéis de gênero tradicionais e maior rejeição a temas morais controversos.

O Grupo 2, por sua vez, tende a posições relativamente mais tolerantes e menos religiosas, ainda que com oscilações ao longo das waves.

Em ambos os grupos, observa-se redução da centralidade da religião e aumento da tolerância à homossexualidade, enquanto as opiniões sobre o papel da mulher e temas morais mostram maior estabilidade. No conjunto, os resultados indicam persistência das diferenças entre os grupos, sem evidências de mudança estrutural recente.

5. Valores sobre homossexualidade.

5.1 O que se observa sobre a tolerância à homossexualidade ao longo das waves? E quanto ao período mais recente (entre as waves 6 e 7)?

5.1 Comentário:

Ao longo das waves, observa-se um aumento geral da tolerância à homossexualidade em ambos os grupos, evidenciado pela redução do percentual de respondentes que rejeitam vizinhos homossexuais e que consideram a homossexualidade “nunca justificável”. Essa tendência é mais estável no Grupo 2, que apresenta queda consistente da intolerância e manutenção de níveis mais baixos nas waves finais. O Grupo 1, apesar de partir de patamares mais elevados e exibir maior oscilação, também mostra redução relevante a partir da wave 5. No período mais recente (waves 6 e 7), não há indícios de retrocesso significativo, sugerindo consolidação de atitudes relativamente mais tolerantes, sobretudo no Grupo 2.

Percentual de pessoas que mencionaram que se incomodariam em ter vizinhos homossexuais.

Grupo 2:

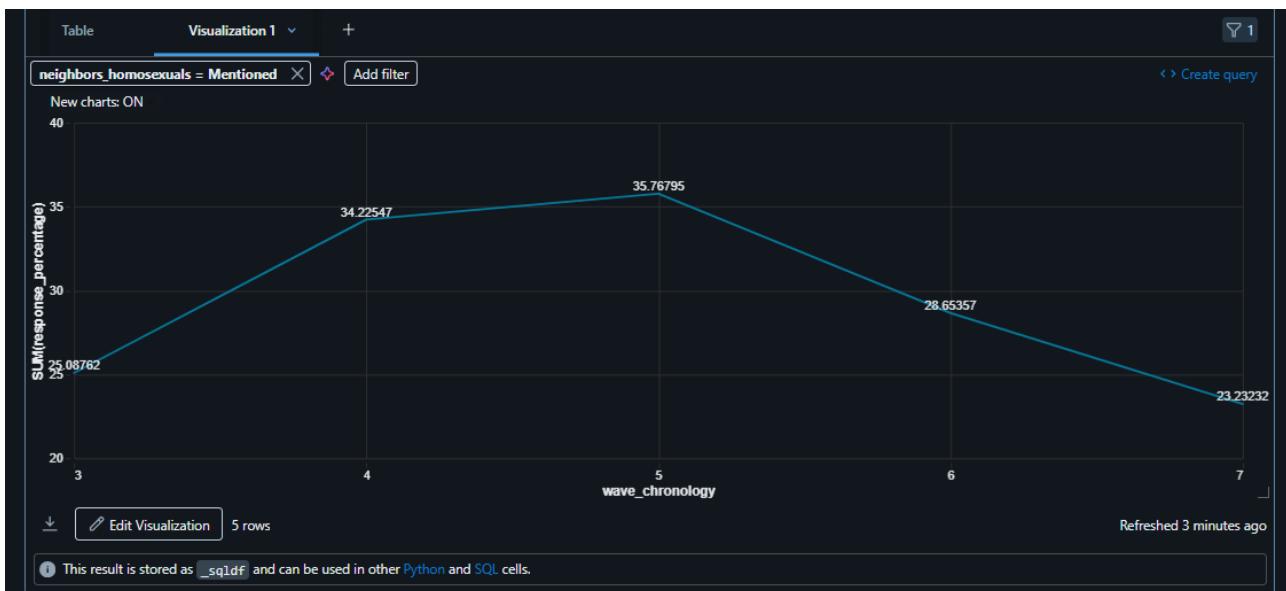
Table Visualization 1 +

neighbors_homosexuals = Mentioned X Add filter Create query

	wave_chronology	neighbors_homosexuals	.00 response_percentage
1	3	Mentioned	25.08761682242991
2	4	Mentioned	34.22546634225466
3	5	Mentioned	35.76794657762938
4	6	Mentioned	28.65356971729756
5	7	Mentioned	23.23232323232323

5 rows (14 total) | 13.74s runtime Refreshed 2 minutes ago

This result is stored as `_sql1df` and can be used in other Python and SQL cells.



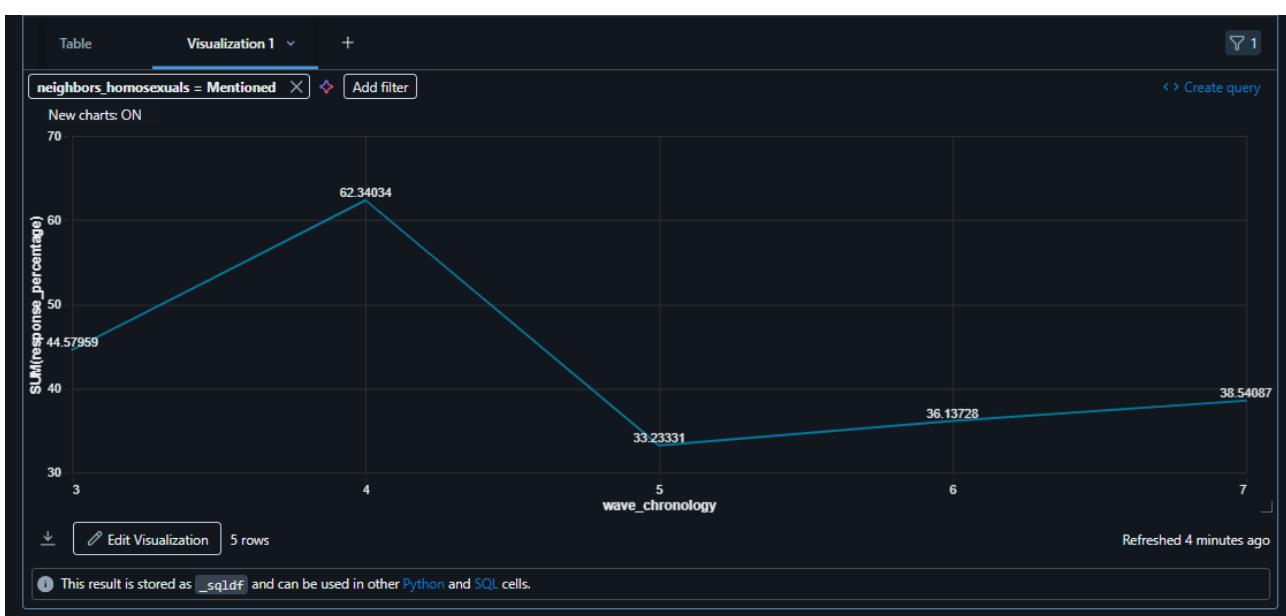
Grupo 1:

Table Visualization 1 +

neighbors_homosexuals = Mentioned X Add filter

#	wave_chronology	neighbors_homosexuals	.00 response_percentage
1	3	Mentioned	44.57958751983078
2	4	Mentioned	62.34033786567779
3	5	Mentioned	33.23330832708177
4	6	Mentioned	36.13728129205922
5	7	Mentioned	38.54087089381207

↓ 5 rows (15 total) | 3.93s runtime Refreshed 3 minutes ago



Percentual de pessoas que consideram a homossexualidade “Nunca Justificável”

Grupo 2:

Table Visualization 1 +

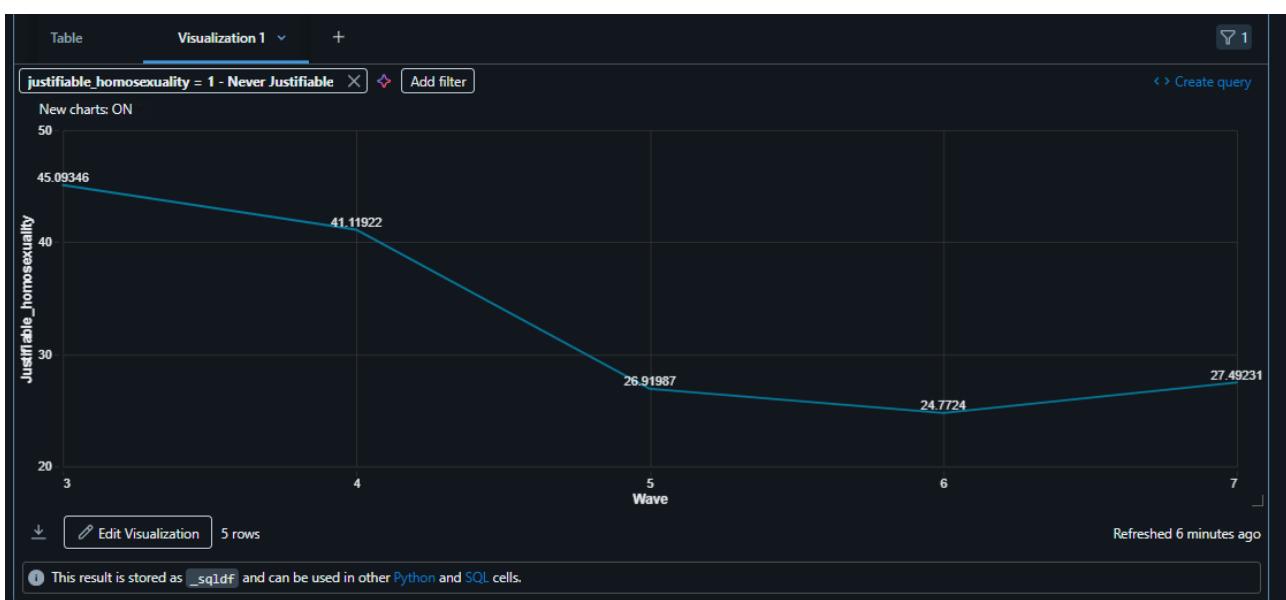
justifiable_homosexuality = 1 - Never Justifiable X Add filter

Justifiable homosexuality .00 response percentage

	wave_chronology	justifiable_homosexuality	.00 response percentage
1	3	1 - Never Justifiable	45.09345794392523
2	4	1 - Never Justifiable	41.11922141119221
3	5	1 - Never Justifiable	26.91986644407346
4	6	1 - Never Justifiable	24.77240057498802
5	7	1 - Never Justifiable	27.49231444883619

5 rows (63 total) | 3.99s runtime Refreshed 5 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

Table Visualization 1 +

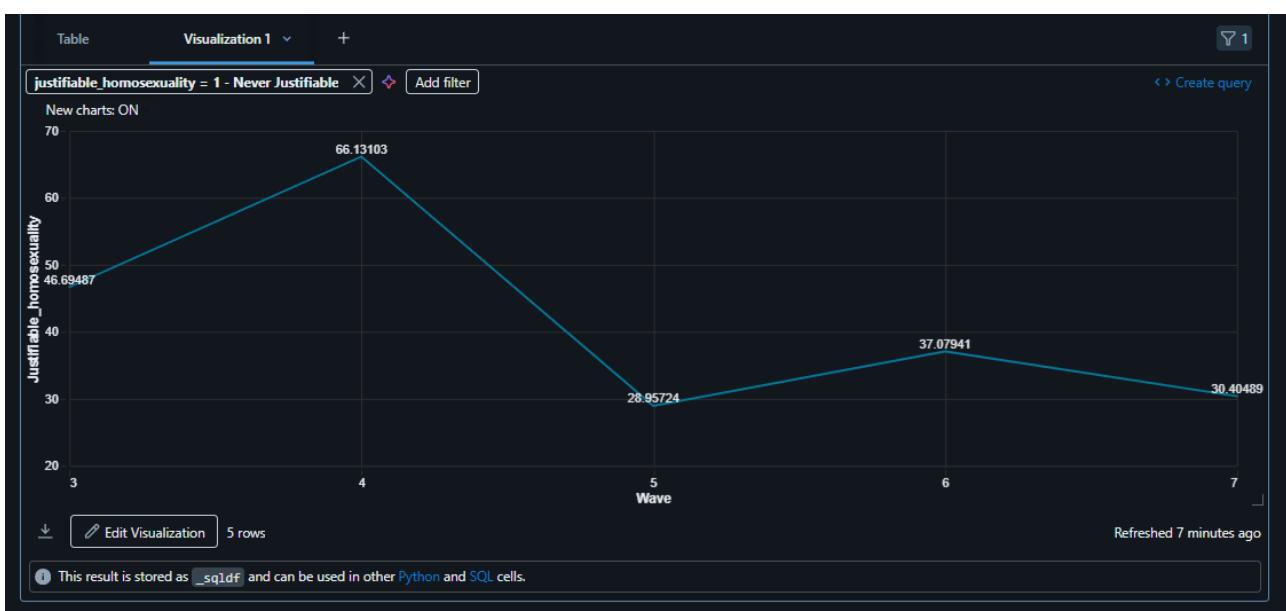
justifiable_homosexuality = 1 - Never Justifiable X Add filter

Create query

#	wave_chronology	justifiable_homosexuality	.00 response percentage
1	3	1 - Never Justifiable	46.69487043892121
2	4	1 - Never Justifiable	66.13102595797281
3	5	1 - Never Justifiable	28.95723930982746
4	6	1 - Never Justifiable	37.07940780619112
5	7	1 - Never Justifiable	30.40488922841864

5 rows (64 total) | 3.67s runtime Refreshed 7 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



6. Valores religiosos.

6.1 O que se observa sobre os valores religiosos ao longo das waves? E quanto ao período mais recente (entre as waves 6 e 7)?

6.1 Comentário

Ao longo das waves, observa-se que os **valores religiosos apresentam tendência geral de enfraquecimento**, especialmente a partir da wave 5, em ambos os grupos. Embora o Grupo 1 mantenha níveis sistematicamente mais elevados em todos os indicadores — importância da religião, autodeclaração como pessoa religiosa, centralidade de Deus e transmissão da fé às crianças —, nota-se uma redução progressiva desses percentuais ao longo do tempo. O Grupo 2, por sua vez, parte de patamares mais baixos e exibe maior volatilidade, mas também apresenta queda consistente nos indicadores religiosos.

No período mais recente (waves 6 e 7), os dados sugerem **estabilidade em níveis mais baixos**, sem retorno aos valores elevados observados nas waves iniciais. A frequência semanal a cultos, em particular, permanece reduzida e relativamente estável, indicando que o declínio observado não se limita a crenças declaradas, mas também se reflete nas práticas religiosas. Em conjunto, os resultados apontam para um processo de **redução gradual da centralidade da religião, mais intenso no Grupo 2**, mas presente em ambos os grupos.

Percentual de pessoas que consideram a religião muito importante

Grupo 2:

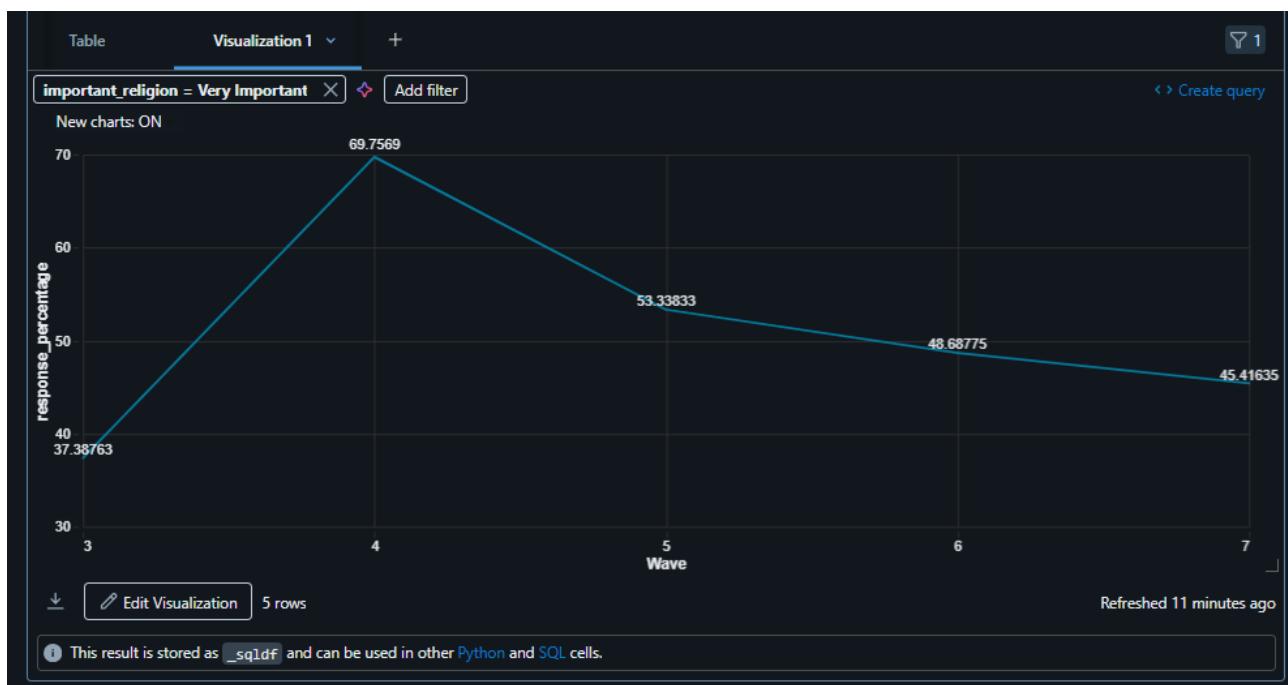
Table Visualization 1 +

important_religion = Very Important X Add filter Create query

#	wave_chronology	important_religion	.00 response_percentage
1	3	Very Important	37.38762559492332
2	4	Very Important	69.75690152451586
3	5	Very Important	53.33833458364591
4	6	Very Important	48.68775235531629
5	7	Very Important	45.41634835752483

5 rows (30 total) | 3.46s runtime Refreshed 10 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

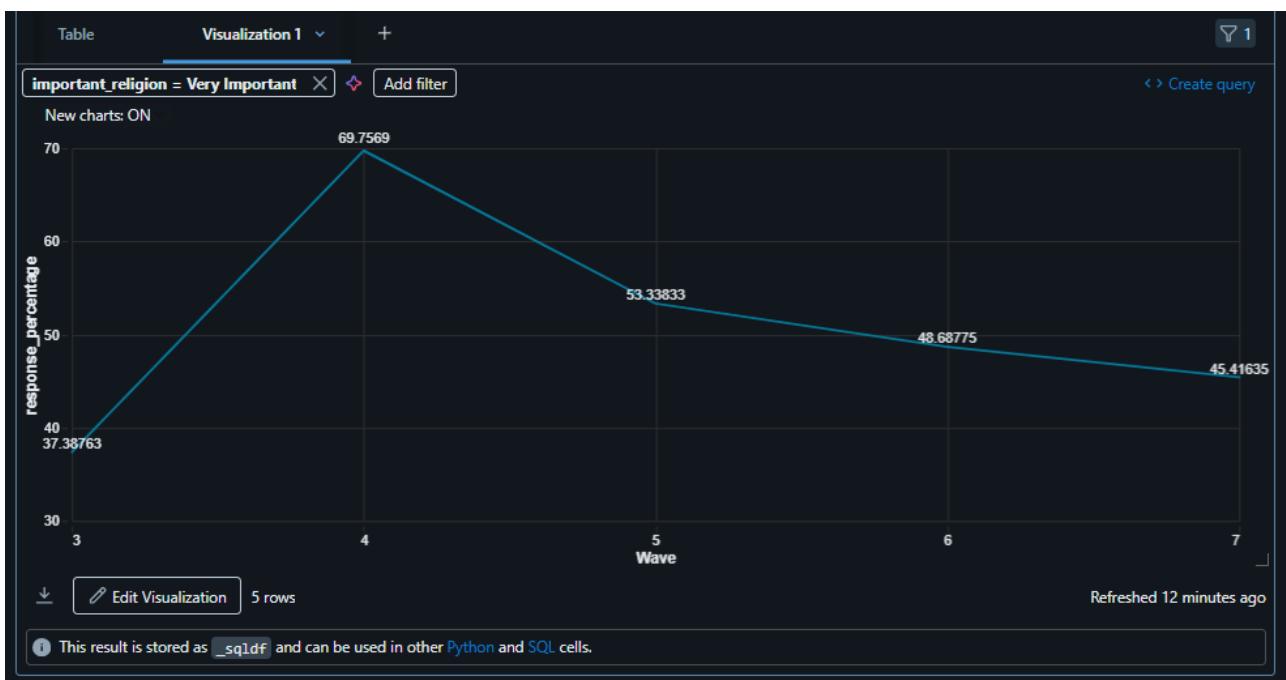
Table Visualization 1 +

important_religion = Very Important Add filter Create query

#	wave_chronology	important_religion	response_percentage
1	3	Very Important	37.38762559492332
2	4	Very Important	69.75690152451586
3	5	Very Important	53.33833458364591
4	6	Very Important	48.68775235531629
5	7	Very Important	45.41634835752483

5 rows (30 total) | 3.48s runtime Refreshed 11 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Percentual de pessoas que se declaram “pessoas religiosas”

Grupo 1:

Table Visualization 1 +

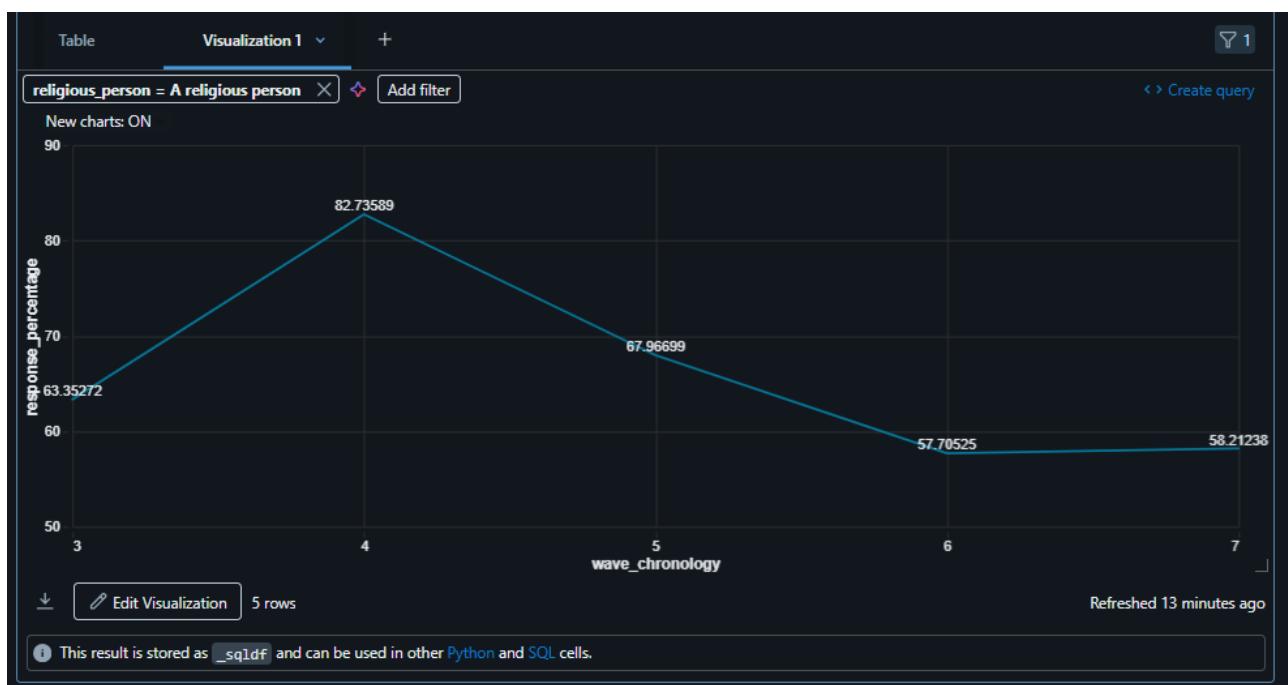
religious_person = A religious person Add filter

refreshed 12 minutes ago

This result is stored as `_sqlpdf` and can be used in other Python and SQL cells.

	wave_chronology	religious_person	response_percentage
1	3	A religious person	63.35272342675833
2	4	A religious person	82.73588792748249
3	5	A religious person	67.96699174793698
4	6	A religious person	57.70524899057873
5	7	A religious person	58.21237585943468

5 rows (27 total) | 3.69s runtime



Grupo 2:

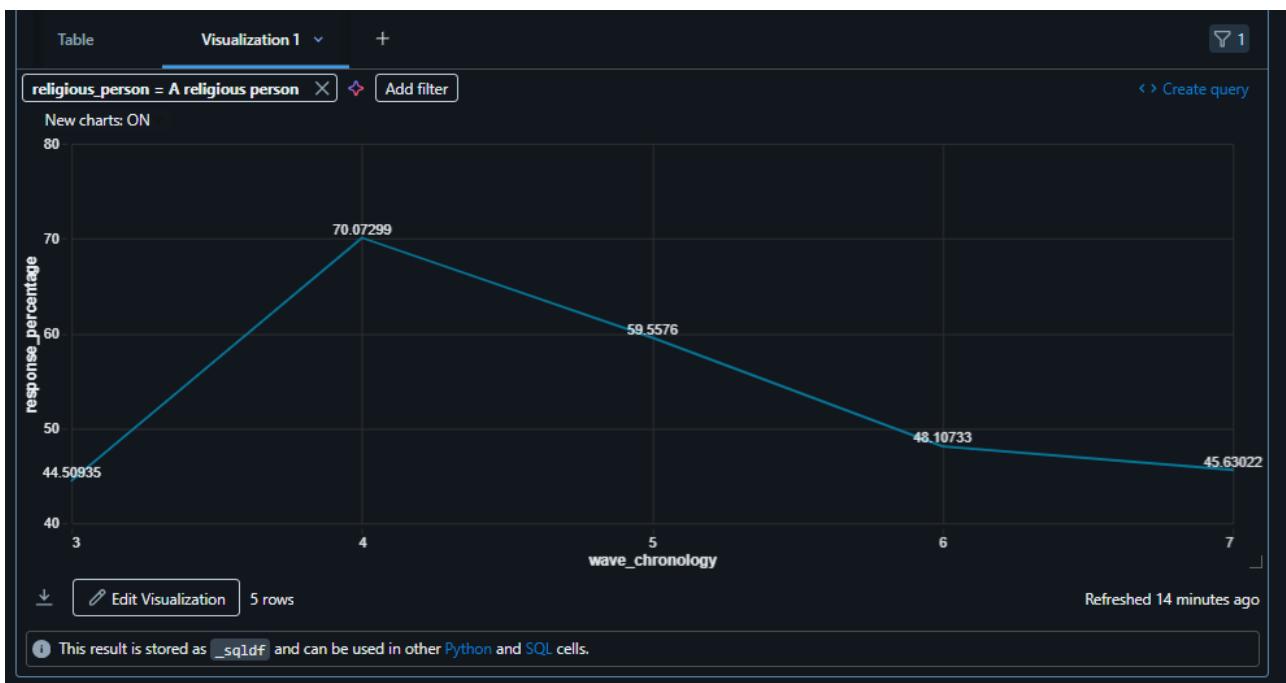
Table Visualization 1 +

religious_person = A religious person Add filter Create query

	wave_chronology	religious_person	.00 response_percentage
1	3	A religious person	44.50934579439252
2	4	A religious person	70.07299270072993
3	5	A religious person	59.55759599332220
4	6	A religious person	48.10733109726881
5	7	A religious person	45.63021519543259

5 rows (28 total) | 3.29s runtime Refreshed 13 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Percentual de pessoas que mencionaram que “fé religiosa” é uma qualidade a ser ensinada às crianças em casa

Grupo 2:

Table Visualization 1 +

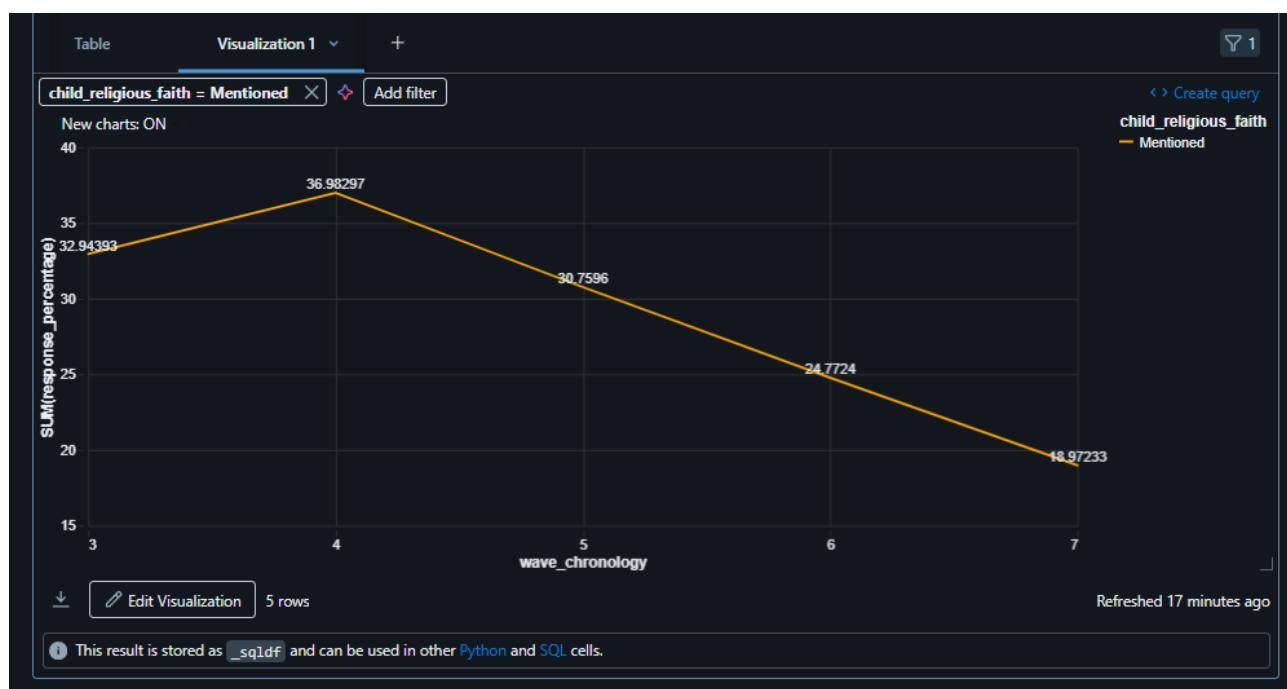
child_religious_faith = Mentioned X Add filter

child_religious_faith .00 response_percentage

	wave_chronology	child_religious_faith	.00 response_percentage
1	3	Mentioned	32.94392523364486
2	4	Mentioned	36.98296836982968
3	5	Mentioned	30.75959933222037
4	6	Mentioned	24.77240057498802
5	7	Mentioned	18.97233201581028

5 rows (13 total) | 3.36s runtime Refreshed 16 minutes ago

This result is stored as _sqldf and can be used in other Python and SQL cells.



Grupo 1:

Table Visualization 1 +

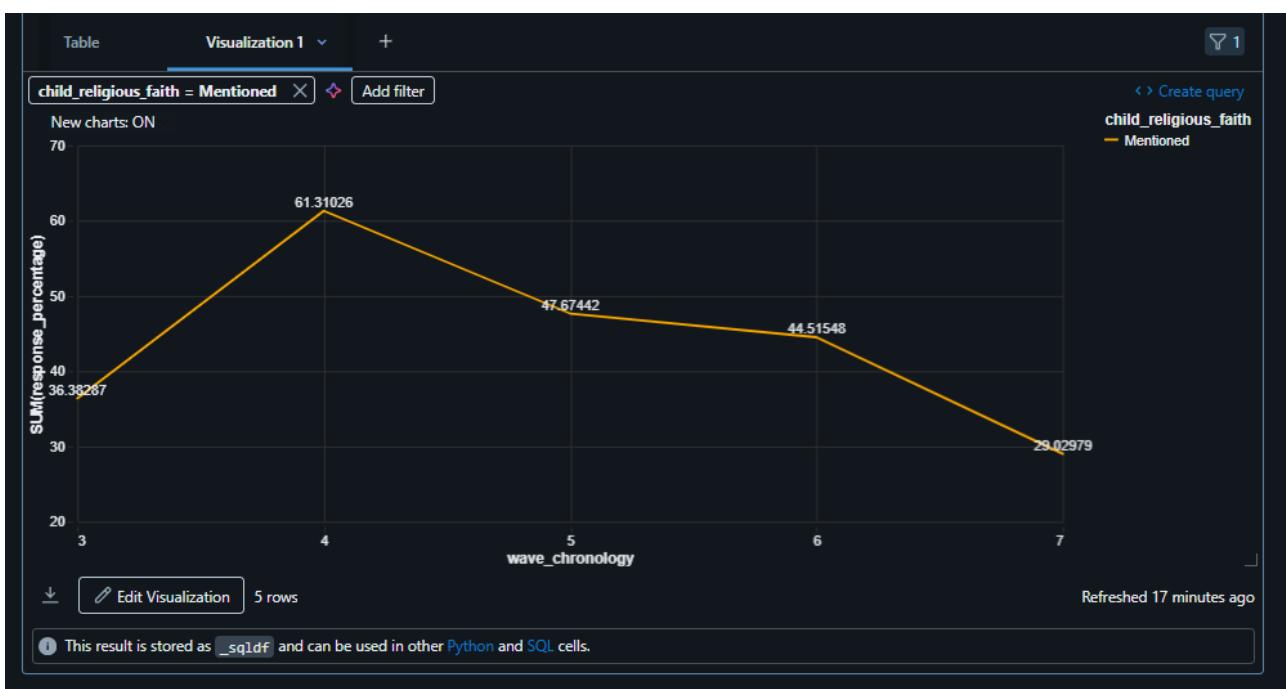
child_religious_faith = Mentioned X Add filter

child_religious_faith = Mentioned .00 response_percentage

	wave_chronology	child_religious_faith	response_percentage
1	3	Mentioned	36.38286620835537
2	4	Mentioned	61.31025957972806
3	5	Mentioned	47.67441860465116
4	6	Mentioned	44.51547779273217
5	7	Mentioned	29.02979373567609

5 rows (12 total) | 3.09s runtime Refreshed 17 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Percentual de pessoas que consideram Deus muito importante em suas vidas.

Grupo 1:

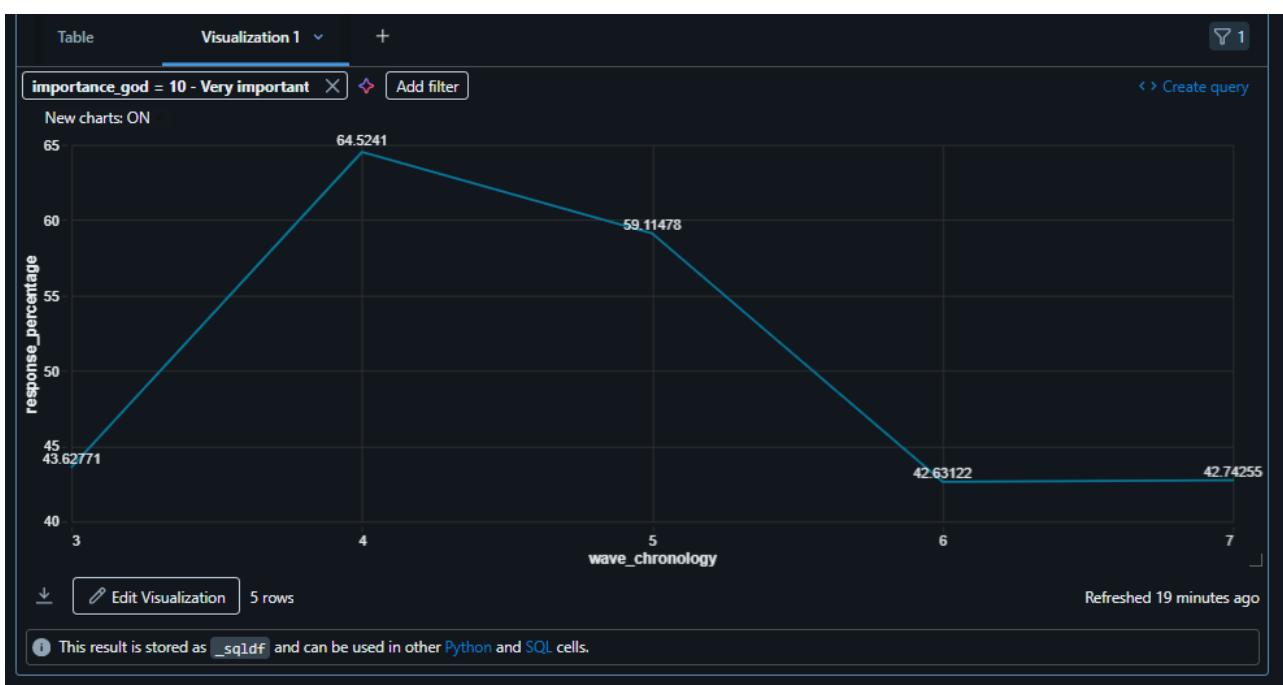
Table Visualization 1 +

importance_god = 10 - Very important Add filter Create query

	wave_chronology	importance_god	.00 response_percentage
1	3	10 - Very important	43.62771020624008
2	4	10 - Very important	64.52410383189122
3	5	10 - Very important	59.11477869467367
4	6	10 - Very important	42.63122476446837
5	7	10 - Very important	42.74255156608098

5 rows (62 total) | 3.28s runtime Refreshed 18 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 2:

Table Visualization 1 +

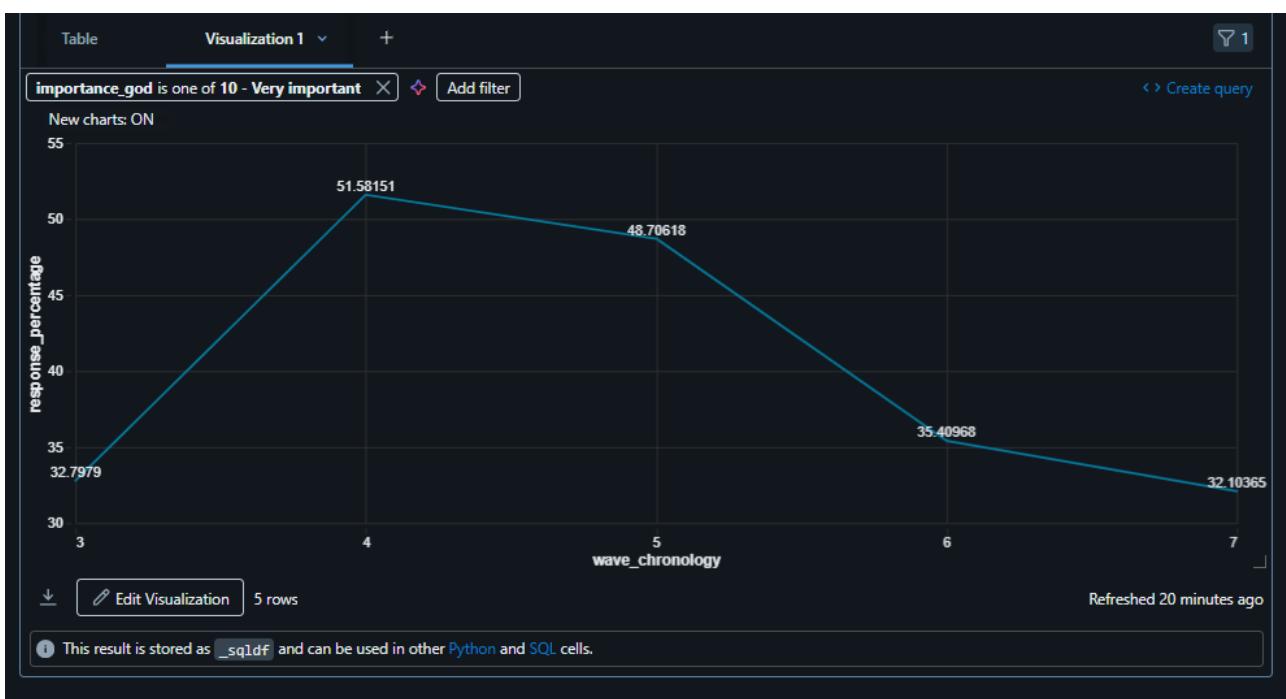
importance_god is one of 10 - Very important X Add filter

Refreshed 19 minutes ago

This result is stored as `_sqlpdf` and can be used in other Python and SQL cells.

	wave_chronology	importance_god	response_percentage
1	3	10 - Very important	32.79789719626168
2	4	10 - Very important	51.58150851581509
3	5	10 - Very important	48.70617696160267
4	6	10 - Very important	35.40967896502156
5	7	10 - Very important	32.10364514712341

5 rows (63 total) | 3.08s runtime



Percentual de pessoas que vão a cultos religiosos uma vez na semana.

Grupo 2:

Table Visualization 1 +

attendance_services = Once a week Add filter

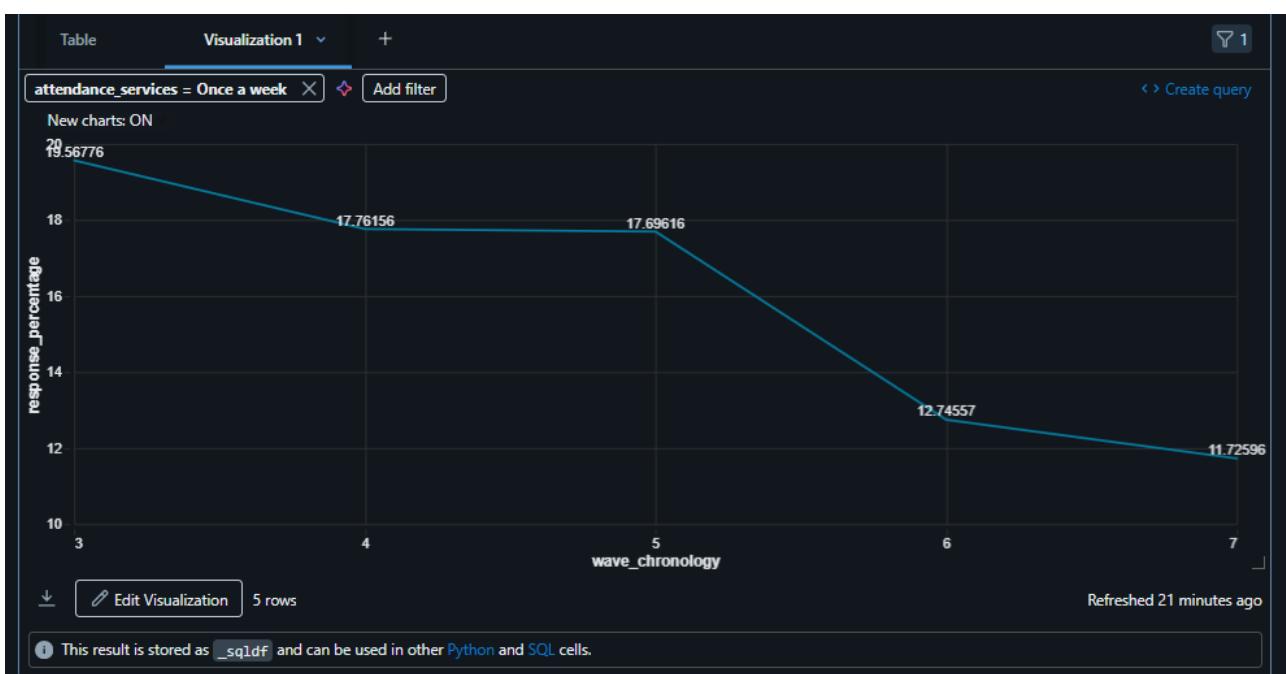
attendance_services = Once a week

attendance_services .00 response_percentage

	wave_chronology	attendance_services	.00 response_percentage
1	3	Once a week	19.56775700934579
2	4	Once a week	17.76155717761557
3	6	Once a week	12.74556780067082
4	5	Once a week	17.69616026711185
5	7	Once a week	11.72595520421607

↓ 5 rows (48 total) | 3.08s runtime Refreshed 22 minutes ago

This result is stored as `_sqlpdf` and can be used in other Python and SQL cells.



Grupo 1:

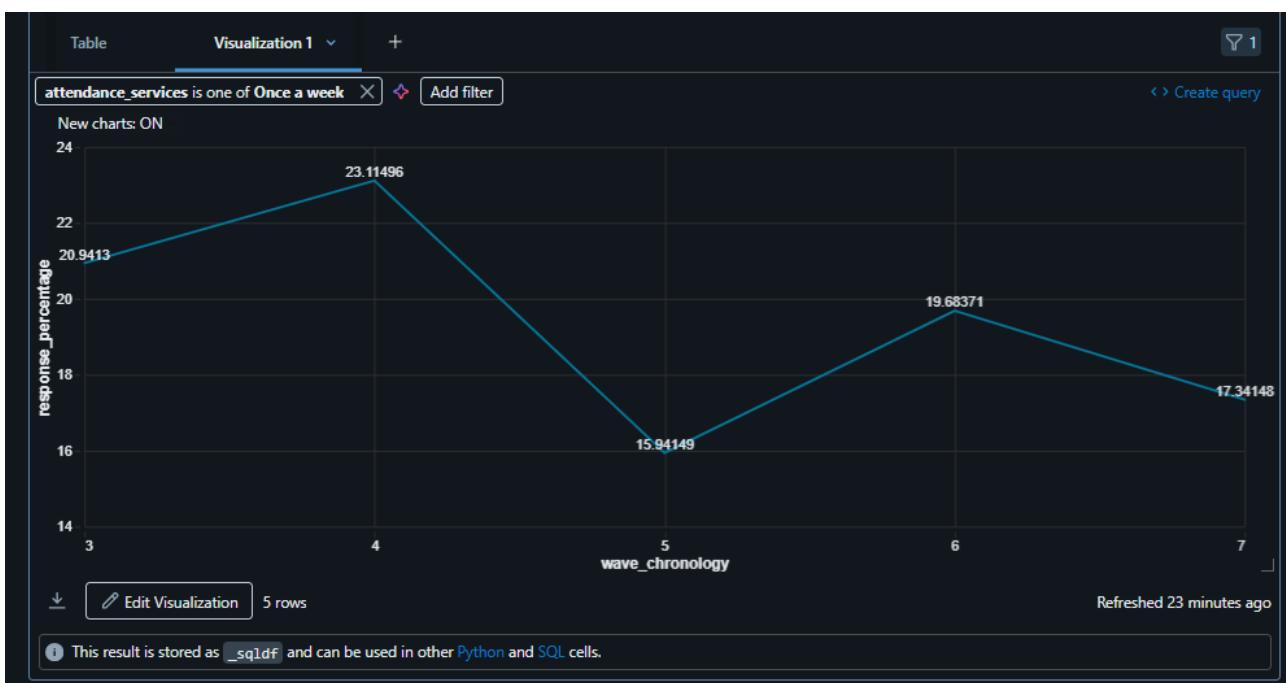
Table Visualization 1 +

attendance_services is one of Once a week Add filter Create query

	wave_chronology	attendance_services	response_percentage
1	3	Once a week	20.94130089899524
2	4	Once a week	23.11495673671199
3	6	Once a week	19.68371467025572
4	5	Once a week	15.94148537134284
5	7	Once a week	17.34148204736440

5 rows (47 total) | 3.49s runtime Refreshed 22 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



7. Valores sobre o papel da mulher na sociedade.

7.1 O que se observa sobre as opiniões sobre o papel da mulher na sociedade ao longo das waves? E quanto ao período mais recente (entre as waves 6 e 7)?

7.1 Comentário

Ao longo das waves, as opiniões sobre o papel da mulher mostram estabilidade com oscilações moderadas, com o **Grupo 1 apresentando níveis consistentemente mais altos de concordância com visões tradicionais de gênero**. Entre as waves 6 e 7, não há mudanças relevantes, prevalecendo estabilidade ou leve redução dessas posições, o que indica manutenção das diferenças entre os grupos no período mais recente.

Percentual de pessoas que concordam que homens são melhores líderes políticos que mulheres.

Grupo 2:

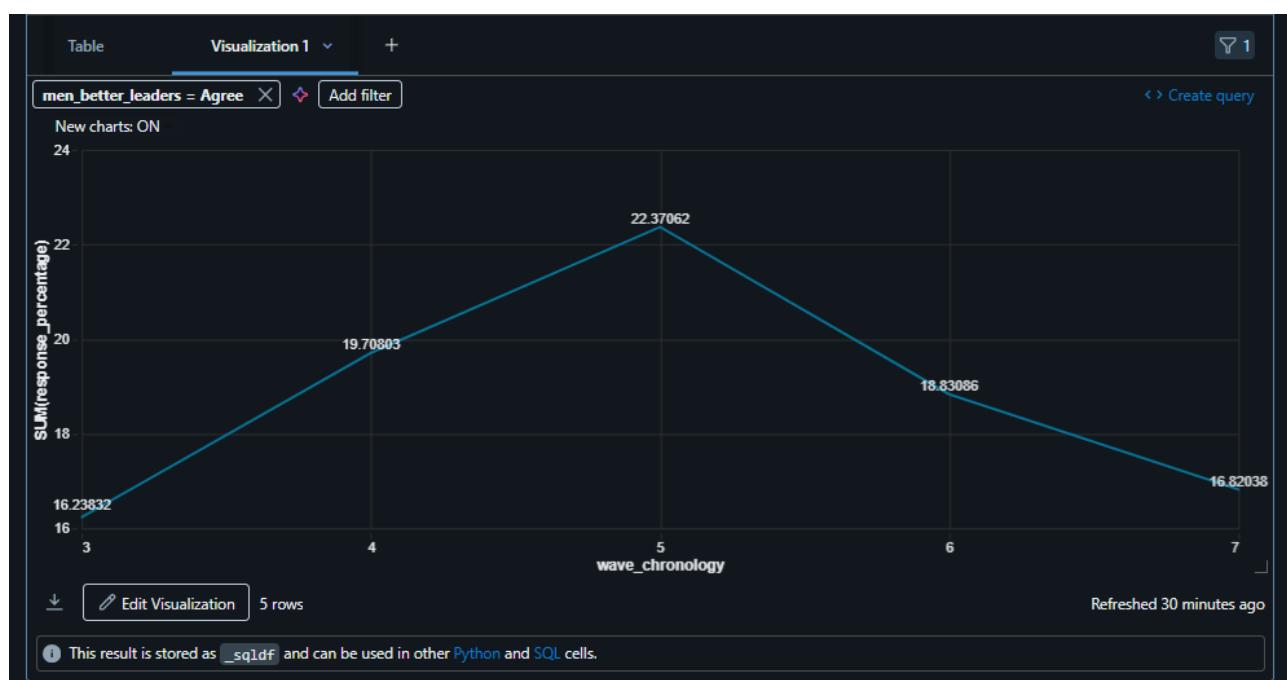
Table Visualization 1 +

men_better_leaders = Agree ✎ Add filter Create query

#	wave_chronology	men_better_leaders	.00 response_percentage
1	3	Agree	16.23831775700935
2	4	Agree	19.70802919708029
3	6	Agree	18.83085769046478
4	5	Agree	22.37061769616027
5	7	Agree	16.82037768994291

5 rows (32 total) | 3.20s runtime Refreshed 29 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

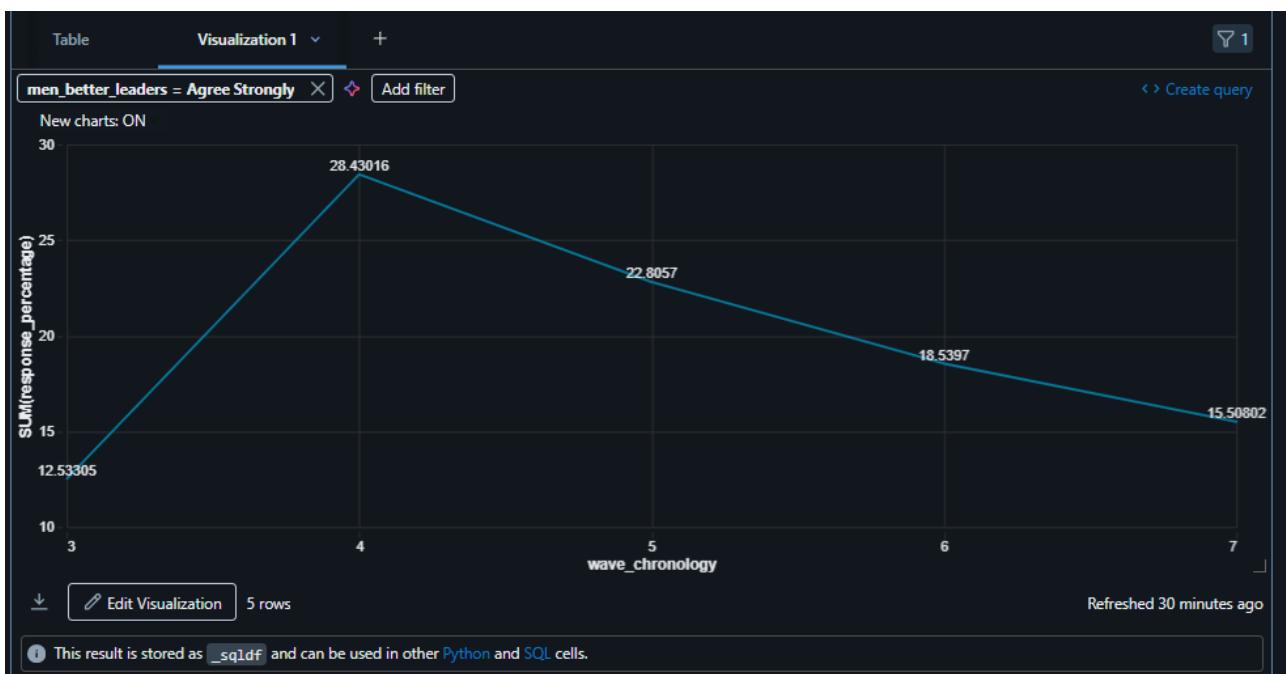
Table Visualization 1 +

men_better_leaders = Agree Strongly Add filter Create query

	wave_chronology	men_better_leaders	.00 response_percentage
1	3	Agree Strongly	12.53305129561079
2	4	Agree Strongly	28.43016069221261
3	6	Agree Strongly	18.53970390309556
4	5	Agree Strongly	22.80570142535634
5	7	Agree Strongly	15.50802139037433

5 rows (30 total) | 3.27s runtime Refreshed 30 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Percentual de pessoas que concordam que ser dona de casa é tão gratificante quanto trabalhar fora

Grupo 2:

Table Visualization 1 +

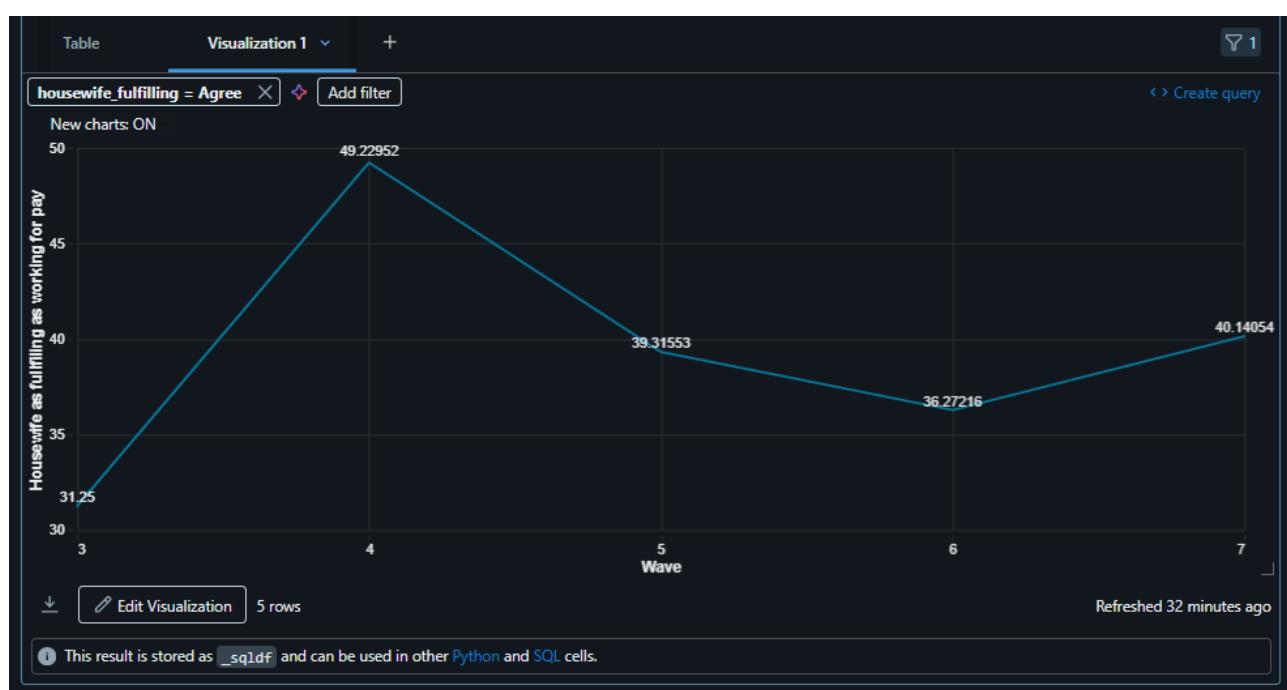
housewife_fulfilling = Agree X Add filter

housewife_fulfilling .00 response_percentage

	wave_chronology	housewife_fulfilling	response_percentage
1	3	Agree	31.25000000000000
2	4	Agree	49.22952149229521
3	6	Agree	36.27216099664590
4	5	Agree	39.31552587646077
5	7	Agree	40.14053579270971

5 rows (31 total) | 3.24s runtime Refreshed 31 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

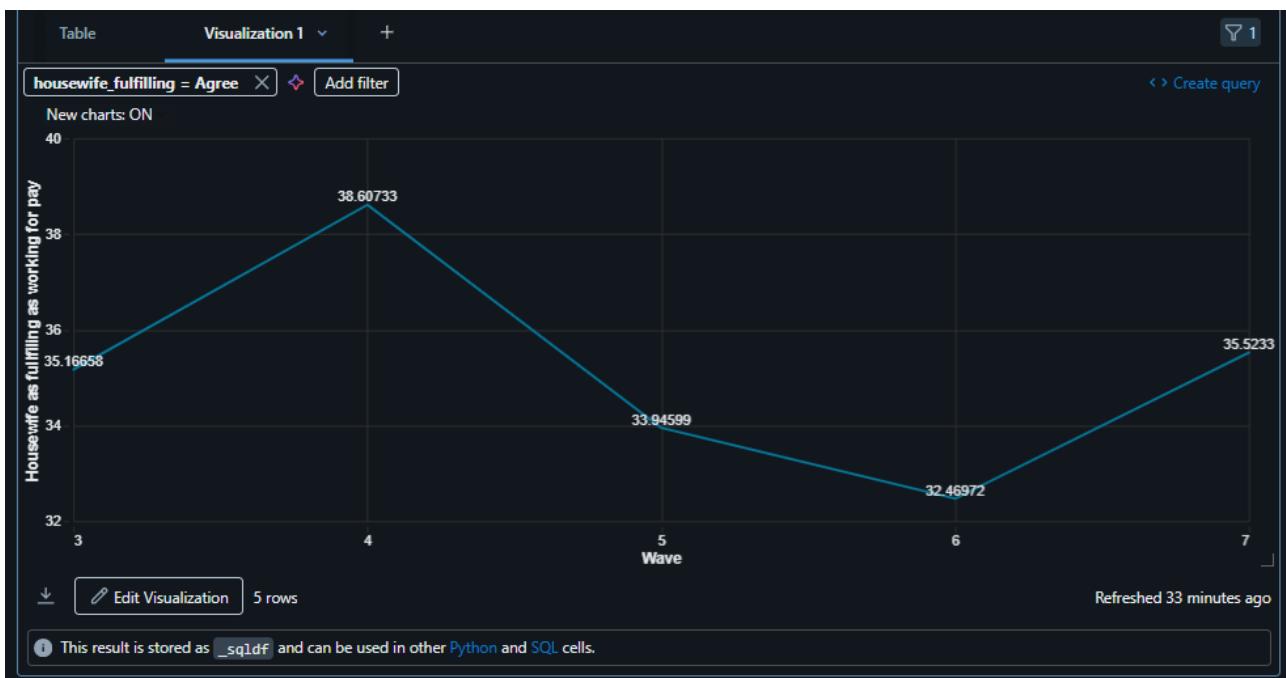
Table Visualization 1 +

housewife_fulfilling = Agree × Add filter Create query

#	wave_chronology	housewife_fulfilling	.00 response_percentage
1	3	Agree	35.16657852987837
2	4	Agree	38.60733415739596
3	6	Agree	32.46971736204576
4	5	Agree	33.94598649662416
5	7	Agree	35.52330022918258

↓ 5 rows (30 total) | 3.08s runtime Refreshed 32 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Percentual de pessoas que concordam que a universidade é mais importante para os meninos do que para as meninas

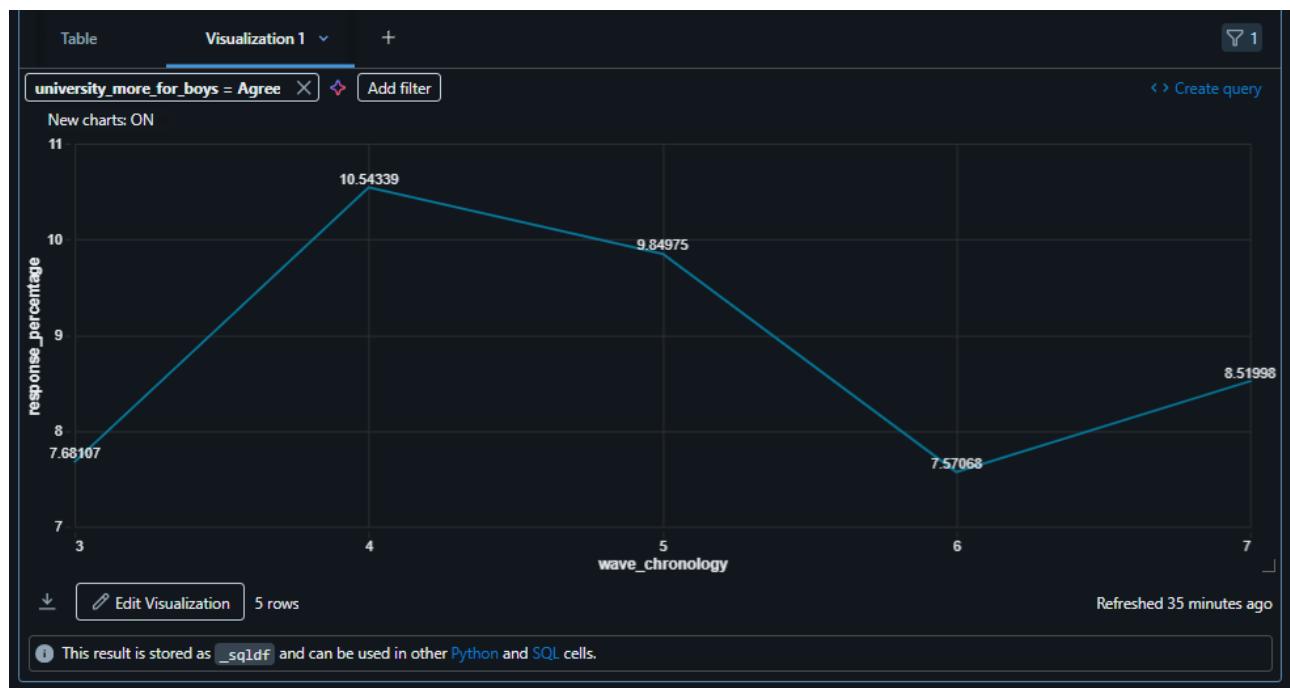
Grupo 2:

Table Visualization 1 +

university_more_for_boys = Agree Add filter Create query

	χ^2 wave_chronology	A ^b university_more_for_boys	.00 response_percentage
1	3	Agree	7.68107476635514
2	4	Agree	10.54339010543390
3	6	Agree	7.57067561092477
4	5	Agree	9.84974958263773
5	7	Agree	8.51998243302591

5 rows (31 total) | 3.08s runtime Refreshed 34 minutes ago



Grupo 1:

Table Visualization 1 +

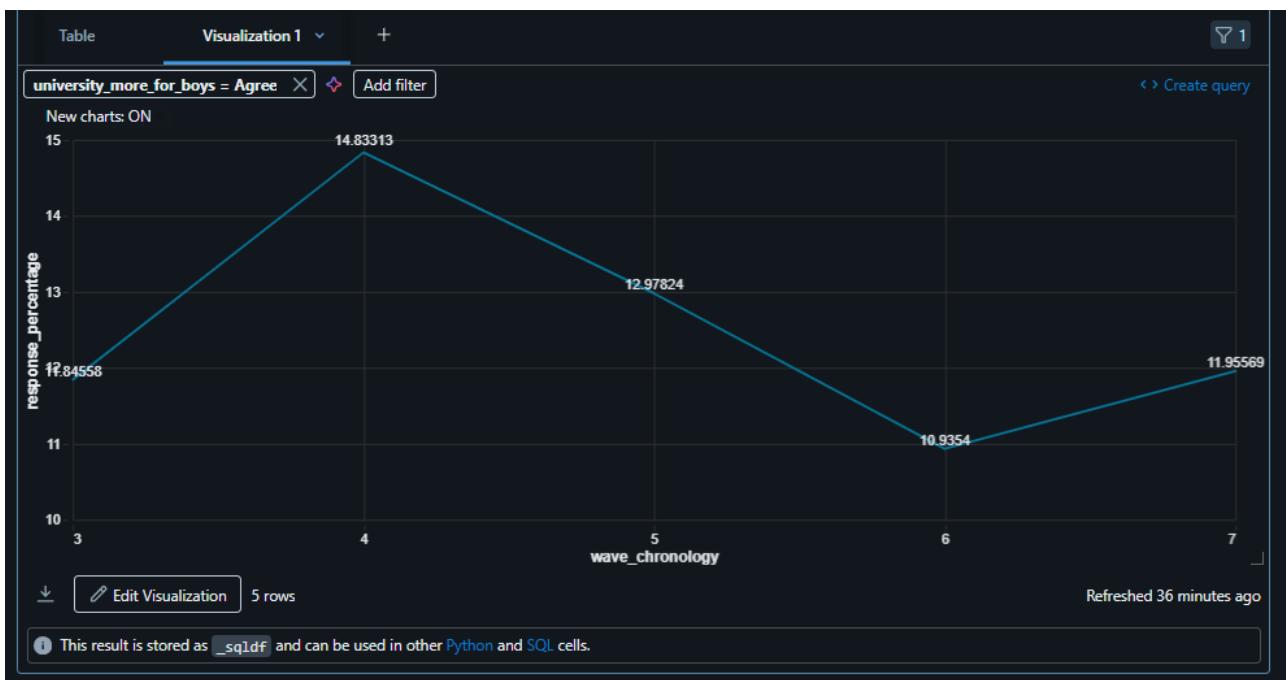
university_more_for_boys = Agree Add filter

Refreshed 35 minutes ago

This result is stored as `_sqlDF` and can be used in other Python and SQL cells.

	wave_chronology	university_more_for_boys	response_percentage
1	3	Agree	11.84558434690640
2	4	Agree	14.83312731767614
3	6	Agree	10.93539703903096
4	5	Agree	12.97824456114029
5	7	Agree	11.95569136745607

5 rows (29 total) | 3.49s runtime



Percentual de pessoas que concordam fortemente que, em caso de escassez de empregos, homens devem ter prioridade em relação às mulheres.

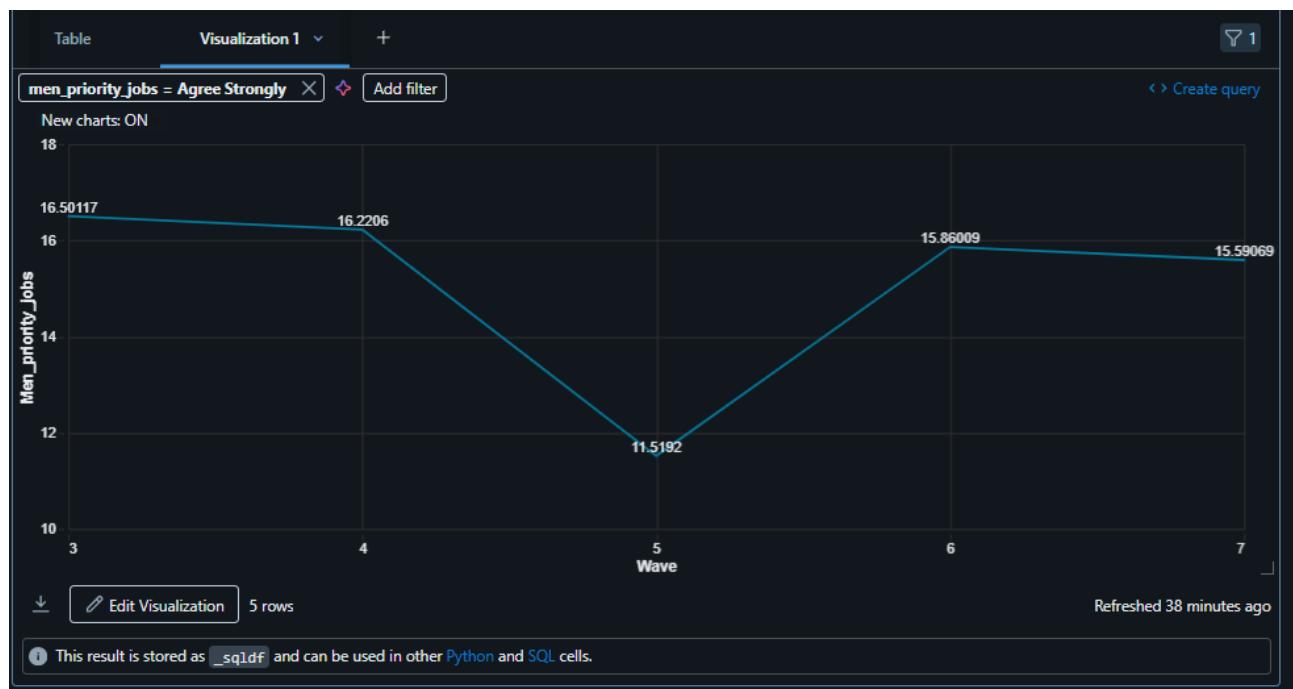
Grupo 2:

Table Visualization 1 +

men_priority_jobs = Agree Strongly Add filter Create query

#	wave_chronology	men_priority_jobs	.00 response_percentage
1	3	Agree Strongly	16.50116822429907
2	4	Agree Strongly	16.22060016220600
3	5	Agree Strongly	11.51919866444073
4	6	Agree Strongly	15.86008624820316
5	7	Agree Strongly	15.59068950373298

5 rows (28 total) | 2.98s runtime Refreshed 37 minutes ago



Grupo 1:

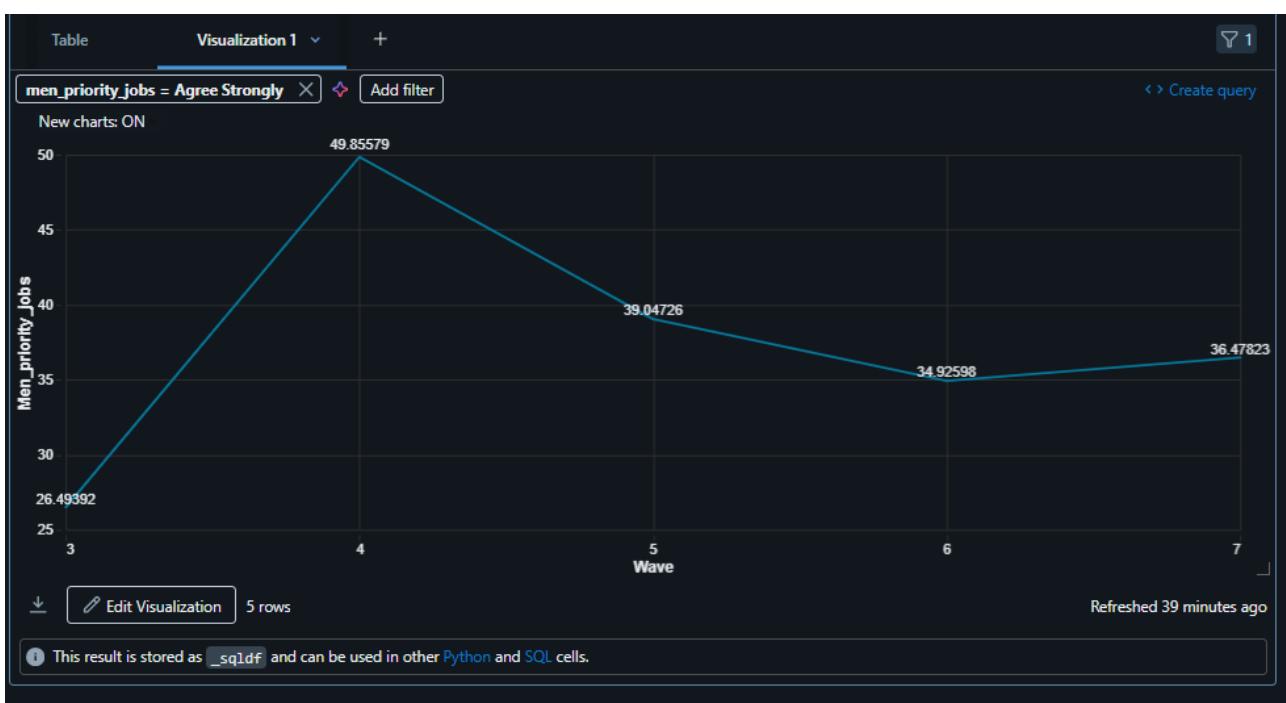
Table Visualization 1 +

men_priority_jobs = Agree Strongly Add filter Create query

	wave_chronology	men_priority_jobs	.00 response_percentage
1	3	Agree Strongly	26.49391856160762
2	4	Agree Strongly	49.85578903996704
3	5	Agree Strongly	39.04726181545386
4	6	Agree Strongly	34.92597577388964
5	7	Agree Strongly	36.47822765469824

5 rows (24 total) | 3.58s runtime Refreshed 38 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



8. Valores conservadores num geral.

8.1 O que se observa sobre as opiniões sobre divórcio, eutanásia, aborto e prostituição ao longo das waves? E quanto ao período mais recente (entre as waves 6 e 7)?

8.1 Comentário			
<p>Ao longo das waves, as opiniões sobre aborto, divórcio, eutanásia e prostituição apresentam oscilações relevantes, sem tendência linear clara, mas com níveis consistentemente mais elevados de rejeição no Grupo 1, indicando maior alinhamento a valores conservadores. O Grupo 2, embora também manifeste posições restritivas, apresenta percentuais geralmente mais baixos e maior variabilidade ao longo do tempo.</p>			
<p>Entre as waves 6 e 7, observa-se estabilidade ou leve aumento da rejeição em alguns temas, sem retorno aos picos observados nas waves iniciais. No conjunto, o período mais recente sugere manutenção de posições conservadoras, com diferenças persistentes entre os grupos e ausência de mudança estrutural significativa.</p>			

Percentual de pessoas que consideram o aborto “nunca justificável”

Grupo 2:

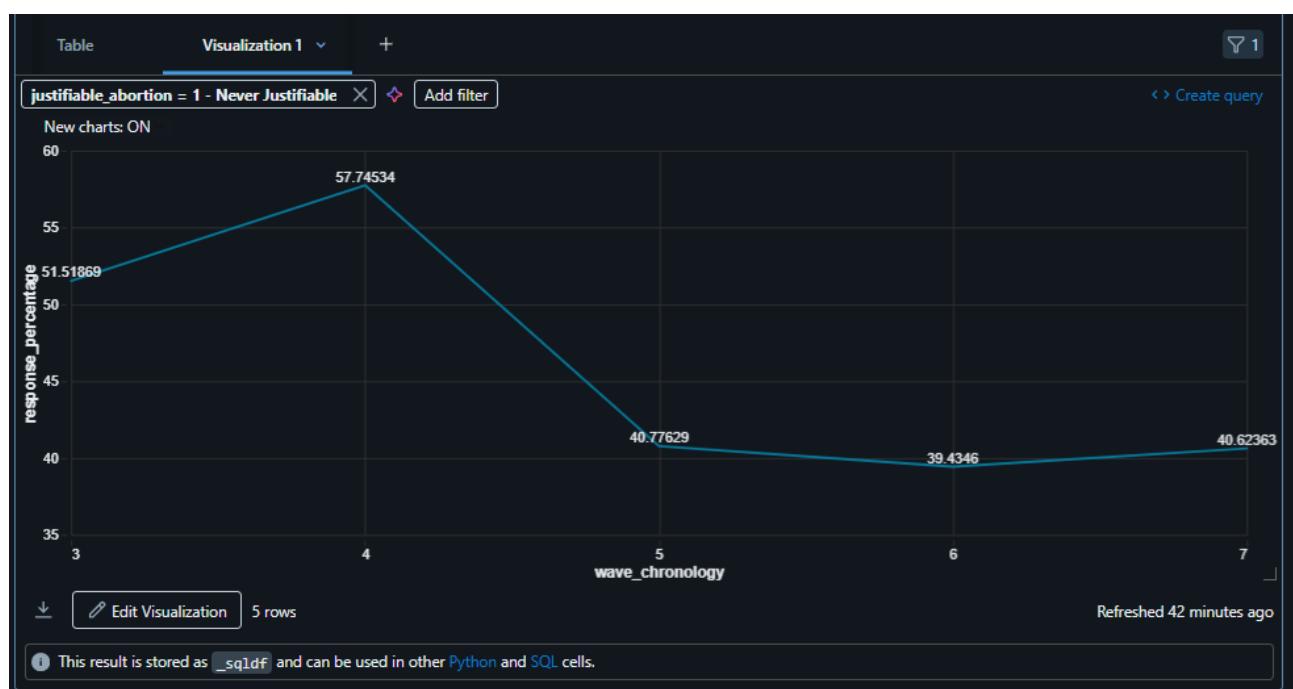
Table Visualization 1 +

justifiable_abortion = 1 - Never Justifiable X Add filter Create query

#	wave_chronology	justifiable_abortion	response_percentage
1	3	1 - Never Justifiable	51.51869158878505
2	4	1 - Never Justifiable	57.74533657745337
3	5	1 - Never Justifiable	40.77629382303840
4	6	1 - Never Justifiable	39.43459511260182
5	7	1 - Never Justifiable	40.62362758014932

5 rows (63 total) | 3.38s runtime Refreshed 41 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

Table Visualization 1 +

justifiable_abortion = 1 - Never Justifiable Add filter Create query

	wave_chronology	justifiable_abortion	response_percentage
1	3	1 - Never Justifiable	43.52194606028556
2	4	1 - Never Justifiable	60.19777503090235
3	5	1 - Never Justifiable	30.08252063015754
4	6	1 - Never Justifiable	43.30417227456258
5	7	1 - Never Justifiable	40.75630252100840

5 rows (62 total) | 2.69s runtime Refreshed 42 minutes ago



Percentual de pessoas que consideram o divórcio “nunca justificável”

Grupo 2:

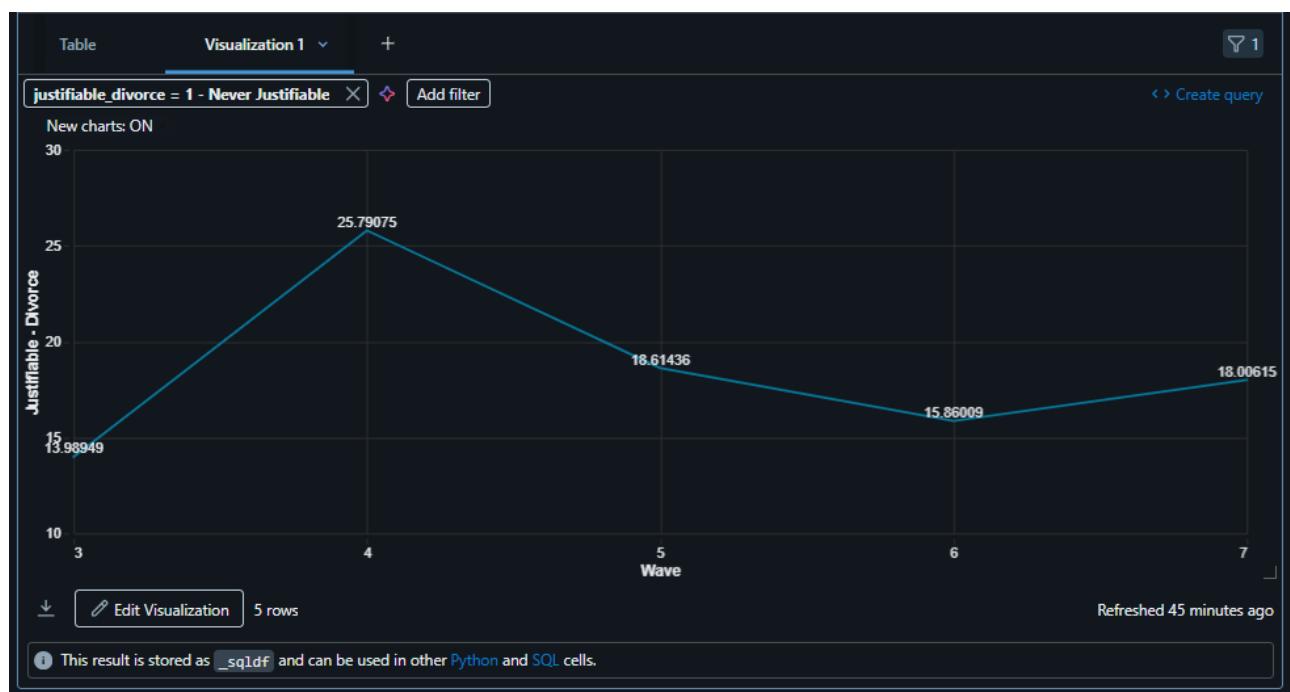
Table Visualization 1 +

justifiable_divorce = 1 - Never Justifiable X Add filter Create query

	# wave_chronology	A _c justifiable_divorce	.00 response_percentage
1	3	1 - Never Justifiable	13.98948598130841
2	4	1 - Never Justifiable	25.79075425790754
3	5	1 - Never Justifiable	18.61435726210351
4	6	1 - Never Justifiable	15.86008624820316
5	7	1 - Never Justifiable	18.00614844093105

5 rows (63 total) | 2.98s runtime Refreshed 44 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

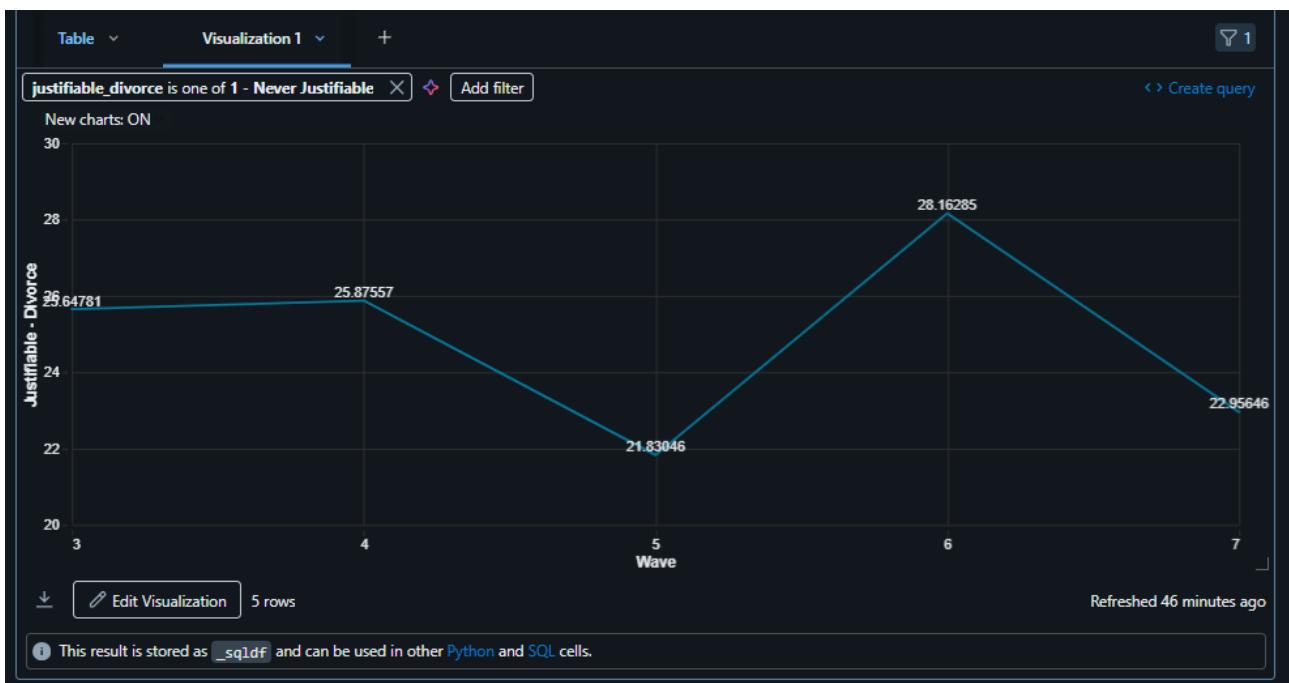
Table Visualization 1 +

justifiable_divorce is one of 1 - Never Justifiable Add filter Create query

#	wave_chronology	A% justifiable divorce	.00 response_percentage
1	3	1 - Never Justifiable	25.64780539397144
2	4	1 - Never Justifiable	25.87556654305727
3	5	1 - Never Justifiable	21.83045761440360
4	6	1 - Never Justifiable	28.16285329744280
5	7	1 - Never Justifiable	22.95645530939649

5 rows (62 total) | 2.78s runtime Refreshed 45 minutes ago

This result is stored as `_sqlpdf` and can be used in other Python and SQL cells.



Percentual de pessoas que consideram a eutanásia “nunca justificável”

Grupo 2:

Table Visualization 1 +

justifiable_euthanasia = 1 - Never Justifiable X Add filter ↗ Create query

	wave_chronology	justifiable_euthanasia	.00 response_percentage
1	3	1 - Never Justifiable	23.16004672897196
2	4	1 - Never Justifiable	20.84347120843471
3	5	1 - Never Justifiable	30.05008347245409
4	6	1 - Never Justifiable	18.25586966938189
5	7	1 - Never Justifiable	32.27931488801054

5 rows (66 total) | 2.88s runtime Refreshed 46 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Grupo 1:

Table Visualization 1 +

justifiable_euthanasia = 1 - Never Justifiable Add filter Create query

#	wave_chronology	justifiable_euthanasia	.00 response percentage
1	3	1 - Never Justifiable	37.59915388683236
2	4	1 - Never Justifiable	50.59744540585084
3	5	1 - Never Justifiable	43.02325581395349
4	6	1 - Never Justifiable	16.95827725437416
5	7	1 - Never Justifiable	40.60351413292590

5 rows (64 total) | 2.59s runtime Refreshed 47 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.



Percentual de pessoas que considera a prostituição “nunca justificável”

Grupo 2:

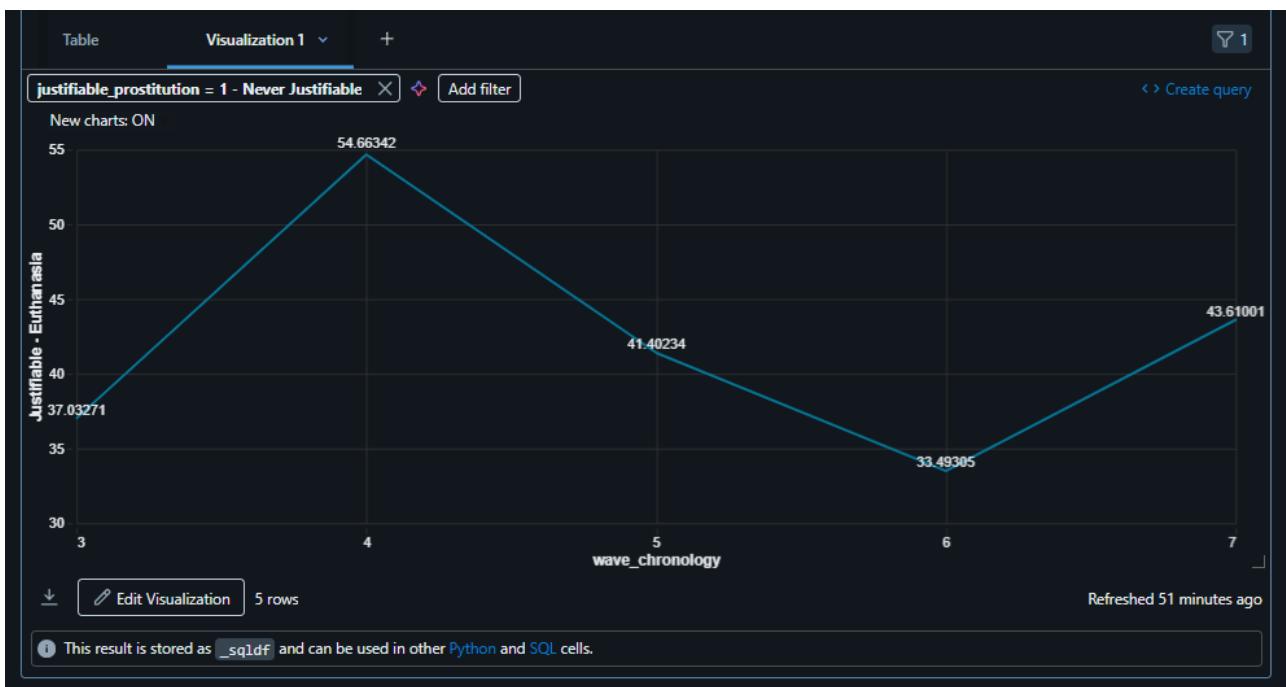
Table Visualization 1 +

justifiable_prostitution = 1 - Never Justifiable Add filter

Refreshed 50 minutes ago

	wave_chronology	justifiable_prostitution	.00 response_percentage
1	3	1 - Never Justifiable	37.03271028037383
2	4	1 - Never Justifiable	54.66342254663423
3	5	1 - Never Justifiable	41.40233722871452
4	6	1 - Never Justifiable	33.49305222807858
5	7	1 - Never Justifiable	43.61001317523057

5 rows (64 total) | 2.78s runtime



Grupo 1:

Table Visualization 1 +

justifiable_prostitution = 1 - Never justifiable ✖ Add filter

Create query

	wave_chronology	justifiable_prostitution	response_percentage
1	3	1 - Never Justifiable	48.70438921205711
2	4	1 - Never Justifiable	72.02307375360527
3	5	1 - Never Justifiable	32.78319579894974
4	6	1 - Never Justifiable	36.81022880215343
5	7	1 - Never Justifiable	38.69365928189458

5 rows (63 total) | 2.79s runtime Refreshed 51 minutes ago

This result is stored as `_sqldf` and can be used in other Python and SQL cells.

