Annale. In a fair memory Annalest intervence, the EBNs (Bus 9 Bas 1 Bas - exclusion finding of intervences) taxis and the start of Bas source extension of a start of the sta

El partenette de la china antenen. Reve la ten de la des ana antenen de la de la conserte entre, se di la cia cia conserte entre ent

References:

12 Data Advances National National National Networks National Nati

First subbor, year	Blas due to confounding	Support for judgement	Bias in selection participants into the study	of Support for judgement	Bias in classification of interventions	n Support for judgement Blas due to deviati from intended interventions	tions Support for ju	judgement Blas d missin	lue to ng data	Support for judgement	Blas in measurement outcomes	of Support for judgement	Bias in selection of the reported result	Support for judgement	Overall risk of bias	st Double rated
															1 1	
Santanin, 2016	Moderate	Fluxible other events could have affected outcome but there was no discussion of this in the page. It as taken of dawa scalable, playargeness integrated monce yeargenergh modeling which can account for underlying targe term and/or reasonal trands. Limited time period post-intervention (1 year) (though 12 time points is acceptable for a time series design).	Low	Electronic health records of 12 million patients aged 5 Kr years from 600 GP clinics in the UK, broadly representative of the UK population in terms of the age-sex distribution.	Low	Population and intervention clearly Low outlined.	Characteristic an influence, b to be the sam intervention.	cs of GP clinics may have Mode but these were assumed te pre- and post- the	vate	No mention of mixing or excluded data but assumed that the proportion of participants and reasons for mixing data are similar pre- and post- intervention.	Low	Dutcome measure was the same pre- and post- the intervention. Electronic record of : record of adule to qui, record of referral to the NMS dogs Sensing Service, and prescription for a number generation medication. GPI enter data into electronic records, "record of adulce to qui" could be subjective.	Moderate	Two analyses reported: pre-period: Apr 2004 to Mar 2012, post: Apr 2012 to Apr 2013. And pre- period: Apr 2010 to Mar 2012, post period: Apr 2012 to Apr 2013. Reporting was transparent, but there was no pre-specified analysis plan.	Moderate	LB
Latives, 201	Moderate	Pressry-Care Total Patient Survey data was standardised by age, sea and Strategic Health Aethoday (SH4) to match the THM generary care electronic healthcare records, but no other conflounders were mentioned or adjusted for.	Serious	Response rate for the PCT Patient Sorvey was "47-86, 45-85 and 38.2%" for the 3 years analysed - this could harbour response bias.	Low	Population and intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Mode Bviduals in routine care.	rate	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and post- intervention.	Low	Two different types of the outcome measure are compared (self report t patients us self report by the GPs)	y Moderate	Only one effect estimate is reported (for the whole population). No pre-specified analysis plan.	Serious	LB
Laferou, 200	Serious	This is a description, repeated cross-sectional study, no controlling for confounders or secular trend. Cauality cannot be inferred.	Low	Electronic health necods from 600 GP cloics in the UK were used, broady representative of the UK population. Note: the study period is from 1990, it is assumed that THIN was national representative in the part too.	V Low	Population and intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Moder Sviduals in routine care.	vate	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and post- intervention.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of smoking status.	Moderate	Smaking status recording proportion for whole population per year is reported, no subgroup analyses or adjusted results. No pre-specified analysis plan.	Serious	\square
Tagar, 202	Serious	This is a descriptive, repeated cross-sectional study. There is some controlling for confounders but not for any secular trends or extraneous policy events. Causality cannot be inferred.	Low	Electronic health necesis from 600 GP clinics in the UK were used, broadly representative of the UK population. Note: the study period is from 5996, it is assumed that THIN was national representative in the past too.	Low	Population and intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Modes Bviduals in routine care.	rate	No mension of missing or excluded data apart from for Townsend category- propertion of parients missing Townsend category is similar in 2003, 2004 and 2008.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of: smoking status and smoking creation advice. GPs enter data into electronic records, 'record of cessation advice' could be subjective.	Moderate	Several adjusted analyses were performed but reported and outlined appropriately. No pre- specified analysis plan.	Serious	
Auged 2019	Low	Used interrupted time series design, with matched controls, and adjusted for confounding factors.	Low	Patients who received the health check were identified from electronic health records - study authors had no input into the selection of the patients.	Low	Population and Intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Low Eviduals in routine care.		High level of mixing data, but attempted to address using last observation carried forward (LOCF) method. Sensibility analyses reported.	Low	Outcome measure was the same pre- and post- the intervention	Low	Study protocol included and sensitivity analyses reported.	Low	
Calma, 389	Serious	This is description, repeated cross-sectional study, no controlling for confoundem or secular trend. Guastity careat be informed.	Low	Electrosic bashtneccoth from GP clinics in the UK were used, broadly representative of the UF population. Note: the study period is from 1990, it is assumed that THIN was nationally representative in the peritors.	Low	Population and Intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Mode Bviduals in routine care.	vate	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and post- intervention.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of: smaking status and smaking cessation advice. GPs enter data into electronic records, 'record of Cessation advice' could be subjective.	Moderate	Results reported against their relevant target groups of interest. No pre-specified analysis plan.	Serioux	
Suthawak, 2011	Moderate	Plauble other events could have affected outcome but there was no discussion of this in the paper, but authors did use ABIMA (putporgressive integrated moving average) modeling which can account for underling long-term and/or reasonal trends. Selficient pre- and past-intervention points included in the analyses. Event intervention points included in	Low	Electronic health records GP clinics in the UK, broadly representative of the UK population in terms of the age-an distribution. Note: the study period is from 2000, it is assumed that THP was nationally representative in the part too.	Low	Population and intervention clearly Low outlined.	Unlikely that t implemented	the policy was Moder differently nationally.	vate	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and pod- intervention.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of prescriptions issued is a robust, objective outcome measure.	Moderate	The paper reports a relevant range of analyses of different anticipatory and lag effect of the policy. No pre-specified analysis plan.	Moderate	\square
Lange, 2011	Moderate	Plausible other events could have affected outcomes. But authors did use segmented regression analysis with generalized additive mixed models (SAWAI) to account for the secular trend.	Low	Electronic health records GP clinics in the UK, broady representative of the UK population in terms of the age-asc distribution. Note: the study period is from 2000, it is assumed that THP was nationally representative in the past too.	Low	Population and intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Moder Sviduals in routine care.	rate	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and pod- intervention.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of NRT prescriptions issued is a robust, objective outcome measure.	Moderate	Results reported against their relevant target groups of interest. No pre-specified analysis plan.	Moderate	\square
Langley, 2012	Noderate	Plaudble other events could have affected outcomes. But authors did use segmented regression analysis	Low	Electronic health records GP clinics in the UK, broadly representative of the UK population in	Low	Population and intervention clearly Low	This is not exp	pected in observational Mode	rate	No mention of missing or excluded data but assumed that the proportion of	Low	Outcome measure was the same pre- and post- the intervention.	Moderate	Results reported against their relevant target	Moderate	
8x8m, 2017	Noderate	with generalized addrive mixed models (uwWey to account for the securar tend.	Low	terms of the age-aix sustaination, node the stady period is from Jucu, it is assumed that then was nationally representative in the part too. Electronic health records of the same clinics, pre- and post- intervention.	Low	Population and intervention clearly Low	This is not exp	pected in observational Mode	rate	participants and reasons for missing data are similar pre- and pole- intervention. No mention of missing or excluded data apart from for Household Income. The	Low	Electronic record or prescriptions issued is a robust, objective outcome measure. Outcome measure was the same pre- and post- the intervention. GPs	Moderate	groups or interest. No pre-specmed analysis plan. Unadjusted and adjusted odds ratios are reported	J Moderate	L8
		anschler der har melleg einzlich knichter einz einzlichtlichtig, gender, gest einzlicher, Nausskald generstage einzur aussenzull, aufenzull sich alle meinerstellen einzlichten einzlicht				outione.	vtudes of ind	Sviduals in routine care.		proportion of patients initialigable workshift is similar across the sudy period.		ente das into electrosis neceta, l'intoling counselling given' could be		transparently. No pre-specified analysis plan.		
Santaroni, 701	Moderate	Plaulike the vents cald/haw Affected outcome. As a subox 6d use seprented regression and tweld for adocentration to account for the seclar trend. Did not costed for other conhanders.	Low	Electronic buells nocerfs @ divice in the UK representative of the UK population.	Serious	Intervention is not well defined. Moderate The "transfer of public health budgets from the NIG to local authorities since 2013" is not well defined and it aucher if the Intervention was the 'same' for all local authorities nationally.	Due to the lac classification - time the polic may have diff authorities nat	ck of clarity around the of the intervention, the cy was implemented fired between local ationally.	rate	No mention of mixing or excluded data but assumed that the proportion of participants and reasons for mixing data are similar pre- and pool-intervention.	Low	Outcome measure was the same pre- and poor-the intervention. Electronic records for RF prescriptions issued is a robust, objective outcome measure.	Moderate	Only one effect estimate is reported (change to prescription rate per whole population over time), but no indication that any sub-group analyses were excluded on purpose. Reporting was transparent, but no pre-specified analysis plan.	Serious	
Lunghy, 2011	Moderate	Flucible to the events could have affected autoems, the mostherin legislations 20(2), but subsets to clucked this in the model. Auton and add Multi Autonemain in legislated moving average impositing which can account for underlying long term and/or earound trends. Limited number of data point in Matteres the task intervention investigated.	Low	Electronic buells nocords GP clinics in the UK, representative of the UK population.	Low	Population and intervention clearly Low outlined.	This is not exp studies of indi	pected in observational Mode Eviduals in routine care.	rate	No mention of mixing or excluded data but assumed that the proportion of participants and reasons for mixing data are similar pre- and post-intervention.	Low	Outcome measure was the same pre-and post-the intervention. Electronic record of NRT prescriptions issued is a robust, objective outcome measure.	Moderate	Only one effect estimate is reported (change to prescription rate per whole population over time), but no indication that any use-popularytex were excluded on purpose. Reporting was transparent, but no pre-specified analysis plan.	Moderate	
Dalase, 201	Serious	Exercise devention confounding textures: app, oscionconnois status, DAA, wathow, hypertension, diabetes, mental lines a de los scicount for extern plausible esther events which could have affected outcomes, or the underlying resultr trend.	Low	Electronic health records GP clinics in the UK representative of the UK population.	Low	Population and intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Mode Sviduals in routine care.	vate	Musing data outlined. Data were reasonably complete. Although two not state whether missing data was mining random, "missing data for Townserd quintile and BMI were included as separate categories in the analyses".	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of: unoking status is a robust outcome measure.	Moderate	Methods was transparent regarding which confounding characteristics were included in the regression model, but there is no overall pro- and post- odds ratio reported. No pre-specified analysis plan.	Serioux	
none, 304	Serious	Exempter years for other design factors years, you concernent install, BAR, within , bygenmenter, daberer, mentalliness, Bard and a source for other plautilie other events which could have affected autoans, or the underlying secular transf.	Low	Electrosic health records ${\cal G}$ clinics in the UC, representative of the UC population.	Low	Population and intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Mode Eviduals in routine care.	vate	Manipp data calclined. Data were reasonable complete. Monogel it was not inter- whether realizing data and emiling at random, reasoning data for Traumand quintile and BMI were included as sugarate categories in the analyses".	Low	Outcome measure was the same gave and goal-the intervention. Electronic records, consider acutation addies. Of a network data into electronic records, 'record of censation advice' could be subjective.	Moderate	Methods was transparent regarding which confounding characteristics were included in the regression model, but there is no event) per and post-odds ratio reported. Only poor-intervention odds ratios reported for the individual characteristics. But both adjusted and unadjusted dist ratios are reported. No pre-specified analysis plan.	Serious	
6.4%, 307	Low	Exercised several confounding factors and used a control group. Causation connot be inflemed but the study is comparable to a well-performed randomized trail with regard to this domain.	Low	Electronic health necessis GP clinics in the UK representative of the UK population.	Low	Population and intervention clearly Low outlined.	This is not exp studies of indi	pected in observational Low Bviduals in routine care.		No direct mention of mixing data but authors are transparent about the completeness of unoking status recording and have matched this to their control group.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of: record of unoxing tatuat (lockading change of statu to indicate unoxing cessation after one year post-diagnosis), record of addice to quit, prescription for a smoking cessation medication. GPs enter data into electronic records, 'record of addice to quit' could be subjective	Low	Appropriate outcome measures reported, study protocol included.	Low	
Dataver, 2514	Serious	Examined sevent confounding factors. But did not account for other plausible other events which could have affected outcomes, or the underlying secular trend.	Low	Electronic health records GP clinics in the UK, representative of the UK population.	Low	Population and Intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Mode eviduals in routine care.	rate	Data wave reasonably complete. Although It was not stated whether mixing data was mixing at medion, mixing data for Townsend score and BME were included as separate categories in the analyses.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of NRT prescriptions issued is a robust, objective outcome measure.	Moderate	The overall population ("NRT prescribing in all programcies") effect is reported but no pre- specified analysis plan.	Serioux	\square
Tenex, 307	Serious	Number of the energy start and difficult outcome has the mass in a subsect of the two analysis of the energy of th	Low	This in this is some the variation has a "To remove a particular access that an of the window of the simulation of the simulation of the simulation of the particular of particular devices and the simulation of the simulation of the simulation of the simulation of the advances angles in the particular other the the devices the particular by the particular advances angles in the particular other the the devices the particular by the particular advances angles in the particular other the the devices the particular by the particular advances angles in the particular other the the devices the particular advances angles in the particular other the the devices the particular advances and the site of mought on the study's data for them entroped."	Moderate	Population and intervention for implementation of implementation of the intervention not 3000 (class - for unobleg created on address outcome measure, the pro-former/section data is from Cristelar 2004 instead of April 2004 - the la not transparently discussed.	This is not exp studies of inde	pected in observational Mode Rviduals in routine care.	rate	No medisor financy or acclude data but assumed that the proportion of participants and means for maning data are similar pre- and poor- intervetion.	Low	Determinent was in the same priving our the intervention. Electronic records of a painterly sambling and the making can start and the <i>Determine</i> and a site determine records, "messing canadion addeef" cadd subjective.	Moderate e	Only one effect extrana is reported (for the patient population). No pre-specified analysis plan	Serioux	LB
Mafe, 300	Serious	Paudua dan eran ministra afforda daran ba franca na francasa (francasa francasa) Baran canafar garan da su Artis sa antoriada parta sa ministra manafar partan baran parta Baran canafar garan da su Artis sa antoriada parta Baran canafar garan da su Artis sa antoriada parta da su Artis antoriada Baran canafar garan da su Artis anto Bagaga bah a Tvicamercia, ar man antoriada parta da su Artis anto Bagaga bah a Tvicamercia, ar man	Serious	Interaction between the second part of the second se	Moderate	Papadra will revention darches Tray particular inglementation of the individual inglementation of the individual individual to the individual relevanted data as a scalarly fusing the introvention".	This is not exp shudles of ind	pectadin observational. No inf Modula in routine care.	formation	Na method of mininger excluded 60s.	Low	Options measure was the storp or an option the internetion. Internet was defined and the store option can using OP, the energia day into internet recent, "Includ al counsider to gait" could be subjection.	Moderate	Only one and first extranse is supported for the which particity produces who "had an off the web "had one or far head had, J. 2000" and had a "recorded associates (head not pre- subscriptions). The pre-specified analysis glan.	Serioux	LB
Taon 2004	Serious	This is a descriptive, repeated cross-sectional study, no controlling for confounders or secular trend. Causally cannot be inferred.	Low	General Medical Services Payments Roard prescription database (for patients eligible for free medications) was used pre- and post-intervention.	Low	Population and Intervention clearly Low outlined.	This is not exp studies of inde	pected in observational Mode sviduals in routine care.	rate	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and post-intervention.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of NRT prescriptions dispensed is a robust, objective outcome measure.	Moderate	Only one effect estimate is reported (for the eligible patient population nationally). No pre- specified analysis plan.	Serious	\square
Anny, 207	Moderate	The two surveys' wanting strongs was appropriate handlow and gastal and ability of additional them is inspanne blas, the humanismiss of the 5003 and 2012 amplies is simple:	Serious	Tratistical Of Janvess and II. 1980. 1314-064. The responded trappare moti SDA's Statewise services in their Carlos and an anie moti come contraction (2012). Their analysis are conducted on data them 2028 decision longuese rate. Co SDI', Sonal samples can and redshol have segment rate used hadra response bio.	Moderate r	Intervention is not and defined. It is addented as a survivar if the intervention uses that survivar if the intervention uses tables and the survivariant of the survivariant lag times, also events, the 'program was implemented between 2003-2002' and the pre- and post- messurements are from 1593 and 2012.	The time the p may have diff authorities nat	policy was implemented Mode fered between local ationally.	rate	As metion of mining or necloid data but summed that the properties of an employed and maximum. For mining data (non-engoned) are under pre- ado parts intervention.	Low	The particulars in the SBB carrys of G involve parties were responded. SBD with the particular of comparing particular barries in the verter time parts. A this partition and the catigotion of animum that were used in SBB were called about Instally or only worked sighty theorem changing the meaning in 2822, the data is derived to be comparable. ² licowere, the outcourse called and is a data in derived to be comparable. ² licowere, the outcourse the call particular data is derived to be comparable. ² licowere, the outcourse the call is another to be an usually or almost takey involved in plane providence can write burnling outcoursiling during subjective the call of the state of the outcourse of the state of the outcourse of the state outcourse outcourse of the state outcourse outcou	Moderate	No pre-specified analysis plan. Study reports outcome from survey questions related to smoking cessation therapy provision.	Serious	

News, 30s	Serious	In all protocols the time cargo as address measurement. Controlled to protocols measurements are a single and address and a single address and address	ow	The analysed and have all hypotenic PMC exception for the JA (2006 - 2011). Locations law interface of the Analysis of the Ana	Paparitien and intervention clearly autimet.	Low	This is not negociate in observational loss indexe of indexidant in motion care.	Moning on an ordered. The distribution of the comparison of the distribution of the di	Low	Detainer mennen an verb für dipräcipense. Neuron eine Age sind verbanden mennen für de sonning einer einer Stern sonne ang dare sind verband einer angeste sonne angeste sonne angeste sonne angeste sonne angeste Ange priorite speriorite Hannense (kan sonne angeste sonne angeste sonne angeste einer angeste sonne angest	No per specified a valying hold to no indication that any use graph analysis were excluded on parpose.	Seriou
Darenta, Stor	Moderate	Append for some some some some some some some some	Abderate	Reduct sampling of durings, "The MARC's Los regime ground samp of 12 alline based physicans under and in the Marcel Carlot for Way Statistics," "Reports response onto one OTM to 2023-2023 and T25 for 384."	referencefors in 1996, 1997 and 2000. It is unclear if the intervention was the Yamir for all tool are an endowide, of these the pays and good measurements are from a physical analysis and 2994–1995 and 2011–2003.	Low	This is an expected in disamational Moderate studies of individuals in motion care.	Remember of standard methods and advances from the programmer of any participants and rearran for mixing data (see - regioned) are solidar pre- and put-timenation.	Low	Contrast metalisment and the map type adaption the stratemention for the standard spectrum of the stratement of the stratemention of the generation of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the stratement of the	Na pre-sporfnat savjen glan bal na indicision stati my sko grap zavjen svite eskulad on pripane	Muderate
Pape, 200	Low	Apart from the last of induces sampling of the lasts and control offers, the rest of the indeployees a grant. They apart is induced an early and an induced the control offers to the last of early and the same of the last of the matrix of the last of the last of the last of the data patients from control of the last of the last of the last behavior. ¹	ow	Dan set ann Be her en ankrin tas. Hederer	Intervention not well described in the paper. Servers to be financially locarchilling doctors to perform a promary provident heads how the procedure did not include any type of structure there are a served any type of structure there are a served as a server the mean and detect of intervention wave left to primary care physicians."	Moderate	The time the pathy seas implementary in defaults ray, have differed between local authorities rationally.	To method mixing or mixed of data.	Moderate	For hash when and carrent cares, making attas abbrardshow pattern? Manufacture and an adverse of interacting and material show abbrard from the standard standard and the standard standard from the bandy waveshow maked band and that "Interaction as control and scattering" is the durative of whether with a "Interaction as control and scattering is the durative of whether whether the standardshow and the standard scattering is the durative of whether whether the standardshow and the standard scattering is the durative of whether whether the standardshow and the standard scattering is the durative of whether whether the standardshow and the standard scattering is the durative of whether the standardshow and the standard scattering is the durative of whether the standard scattering the standardshow and the scattering is the durative of whether the standard scattering the standardshow and the scattering is the durative of whether scattering the standardshow and the scattering is the durative of the standard scattering the standardshow and the scattering is the durative of the standard scattering the standardshow and the scattering is the durative of the scattering the standardshow and the standard scattering the standardshow and the standardshow and the scattering the standardshow and the scattering the standardshow and the scattering the scattering the standardshow and the scattering	No pre-specified antifying plon but no indication. That any sub-group analysis were excluded on purpose.	Moderate
wige; 200	Serious	Adjusted for come confusadion; "Gisen sambain, number of services by table or territory and encoments, by TGF-facilities datasat;" Jacobia do control graves of non-facilitatic durations. But the significant sinus associations, by TGF-facilities absencies they associate phase methods and the territorial data from data three 3200 to 32002-only "Tract is membra under the available TGF pagesers", necesphase transmitted add and Assoc, their phaseline other events could have affected datacomes.	itical	The dudy had an Inherent selection bias because the 2001 TG funding was a topplet fluiding roand to individe services based instances of the protocoling Hoteldoy the TBA program and markines considered to the agents capacity based trackases control capacity and a scholars. This subscholarity based the markin due to tack of the doministrian The services selected for funding may after from those not funded by the TB program."	Population and intervention clearly outlined.	Low	This is not expected in observational Serious shades of individuals in routine care.	"Alarge number of services (== E1) was excluded from the analysis because of mixing data (== 50) or due to changing definition of a 'client' (== 21).""GOX of services were included overal."	Serious	Authorn colline issues regarding 'smoling status'. "We are unsure how others missing estatus' updated and this is not included as an ADP indicatory which means that missing status how been encoded a long time ago and not updated." Also, they only had aggregate unico- lived data.	No pre-specified analysis plan but no indication that any sub-group analyses were excluded on purpose.	Critical
Vasrias, 201	Serious	Some confounding factors accounted for but analysis did not account for other plausible other events which could have affected outcomes, or the underlying social-trend.	Acderate	Only one "medium-sized primary healthcare center in south-west Fisland with computerized Low patient records was chosen" for the study.	Population and intervention clearly outlined.	Low	This is not expected in observational Moderate studies of individuals in routine care.	No mention of missing or excluded data but assumed that the proportion of participants and reasons for missing data are similar pre- and post- intervention.	Low	Outcome measure was the same pre- and post-the intervention. Moderate Electronic record of a patient's anoking status (of patients who are seeking medical advice due to their registratory symptoms).	No pre-specified analysis plan but no indication that any sub-group analyses were excluded on purpose.	Serious
Witcen, 208	Serious	Some one-day lown account of a proving set of the set o	Acderate	The DEVELOP and the set in the test and years and unlessed, theread, the priority is a priority of the set of	Papulation and Intervention clearly outlined.	Low	The Intel expected in observational Low ender of individuals in module care.	No exolution that the second s	LOW	Declares means are to save go and and to strate provide the control of the same of the sa	No pre-specified analysis plan but no indication that any sub-group analyses were excluded on purpose.	Serious
Mile, 327	Serious	Even conducting factors accused for (page, we, which calcipuosit, deputation program and practice web calcipating that any solution of an accusation of the phase depetition with the calcible web the calcipation of the phase of the phase of the three solutions are not accusate to accusate the calcipation of the phase of the phase of the three solutions are the phase of the three solutions of the phase of the phase of the phase of the three solutions are the solutions of the phase of the phase of the three solutions are the phase of the three solutions are solutions of the phase of the phase of the phase of the three solutions are the phase of the p	Abderate	Only see Provey Cuer Young Wandkworth Privary Care Young was used for this study. Eco Cardialized Byprivary care practices but is not representative at the whole population of England.	Population and intervention clearly outlined.	Low	This is not expected in observational Low shadles of individuals in routine care.	"The percentage of maining data is patient excerds was low (2.98), We therefore restricted our variages to records the complex information than, maining data had fitter effect on our conclusions. The 4 practices that did not participate is our nutry accounter for levels that 6% of the registrest deparation in the study area. The practices that did not participate were smaller (2) had frewer than 2000 patient) and were located in more depixed areas than the participating practices.	Low	Outcome measure was the same pr- and poor-the intervention. Moderate Electronic records a patient's transfer tatas and provisione finalisation ceasarion adules. On enter data into electronic records, 'second of unsting ceasarion advice' could be subjective.	No pre-specified analysis plan but no indication that any sub-group analyses were excluded on purpose.	Serious
William, 2004	Serious	This is a descriptive, repeated cross-sectional study, no controlling for confounders or secular trend. L Causality cannot be inferred.	ow	General Medical Services Payments Board prescription database (for patients eligible for free Low medications) was used pre- and post- intervention.	Population and intervention clearly outlined.	Low	This is not expected in observational Moderate studies of individuals in routine care.	No mention of mixing or excluded data but assumed that the proportion of participants and reasons for mixing data are similar pre- and post- intervention.	Low	Outcome measure was the same pre- and post- the intervention. Moderate Electronic record of bupropion and NRT prescriptions dispensed is a robust, objective outcome measure.	Only one effect estimate is reported (for the eligible patient population nationally). No pre- specified analysis plan.	Serious
Mafer, 109	Serious	Cross and fact a lawy of an law to the grand appoints: Phose for early could use the origin application of the second se	iloderate	Servery and evaluation of the "They and the server's strateging" using a solution (share) to approximate strateging due to the server strateging of the server's solution (share) to apply and the server's solution (share) and (share) in the server's solution (share) and (share) and (share) and (share) makes the implement of products and a share and (share) and (share) and (share) makes the implement of products and (share)	Population and intervention clearly audited.	Low	The intervention prock was mailed to GPs regularly from a certaria source. The mailing fat of days was obtained from the Medical Board of Victoria (Efficial regime of medical practitioners).	No method of mixing or exclude data but ansared that the proportion of pertopertured matching and matching data are initiar pre-and-port-intervertion.	Moderate	Get opported, may be subject to reach bits - but outcome measures were find an anyow of pacies that intervention. This much may assume a were been as any of a subject to the subject of pacies of the subject of pacies and the subject of subject of the subject of pacies of the subject of the charge is not been used by the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject of the subject on the subject of the subject of the subject of the subject of the subject on the subject of the subject on the subject of the	Only one effect extension is insported (Date requires of all installing per year, as proportions to pre-specified analysis plan.	Serious
Wheel 203	Moderate	"the multic corrot be estrapolated to the indefault level and no conflocation data were available	.Dw	I data sources used. (2) Distration health records of 200,000 partients from BL off offices, in the Netherlands, representations of the Netherlands population in terms of the age and gender, (2) Top's preceptions of anomaly medication indexed in a partient pharmace, we and quantity fields of the Duck's found into the Planmacular Galaxiet, (2011) in the period 2012-2012	Population and Intervention clearly outlined.	Low	This is not expected in observational Moderate studies of Individuals in routine care.	No mention of mixing or excluded data but assumed that the proportion of participants and resource for mixing data are similar pre- and pool-intervention.	Low	Outcome measures aren the same pre- and post- the intervetCore. Moderate Prescriptions are a robust and objective measure.	Only one effect estimate is reported (for the whole population). No pre-specified analysis plan	Moderate
Adra, 205	Moderate	Used regression discertiship design which can account for underlying trends. Plausable other events cauld have affected extrones. Sufficient number of pre- and post-retreavations time points included.	ow	Used a population cross-sectional survey (Health Survey for England (HZE), "It is designed to be nationally representative of the English and/it population with regard to age, gender, geographic sets and succedimentary full constances. We use havine years of data thom 5997, where which incurse information was collected."	Population and intervention clearly outlined.	Low	This is not expected in observational Moderate studies of individuals in routine care.	⁷ As the ensking centration variable was not recorded in 2000, 2001 and 2000, we was a multiple impactation procedure to account for mixing observations. ⁷ Other mention of mixing data is not present, we assume that the proportion of participants and reasons for mixing data are similar pre- and post- intervention.	Low	Self-reported, may be subject to recall bias - but outcome measures were the same pre- and poot-this liteneetion. Number of cigarettes smalled per day and whether percliquet was given smoking essation advice from a medical practitizene in the last 12 months.	No pre-specified analysis plan but otherwise transparset reporting of various sensitivity analyses and robustness checks.	Moderate
Vac Dans Harding 2014	Low	Nonland the effect of neutral secondaria is a deep with the second comparison. In these test experiments we remain the second second the fact calculate is the second comparison means all thereas between the first second of the fact calculate is the second comparison the second calculate and the second second labeling was based as a matched data per select a respective period of B procines . Matching was based as a matched data per select a respective period of B procines . Matching was based as a matched data period second to be the second calculate and second calculate of the second second second second second second second second and the second calculate and second second second second second second second second second second second second second second second second sectors are second second second second second second second second second second second second sec	iloderate	Prototion has have indexed approximately an advanced in the back approximate exceedance in a page in the 2020 C is the transmission. The sum control of prototion consolutions and back in the same and the same as underrogeneratized of prototion with a loss then average interim capit hyperversaries, respectivly in the first cohort, since perception in the program was solutoray."	Population and intervention clearly outlined.	Low	This is not sepected in observational Moderate studies of individuals in routine care.	In the canadi -medicine of mainer dans, buils highly condiner of the automation of the innormal context, CLU and Data particular interpretation from a conditional mergenne tenseem 2009-2011 had "to data on datatenet, CORD and/or CVID" cybir high pergenetion (40%).	Low	Pagatorian of prioring chick beams multiply prioring, appropriate at partners that sensing and sensing your strain sensing spaces. Takanata was electronic bashin record database. Outcome measure and the same at that (per) a long one bioinvestion. Concern measure and the same discretoric records, "record of reap sensing advise given" could be subjective.	No pri-specified analysis plan but no indication that any sub-group analysis were excluded on purpose.	Moderate
λομ. 200	Moderate	Und control graps 4 (details for carbuches) in Security the rescale of excerned of carbuches (the graps of Reinit) in the control security of the security o	<i>0</i> #	Lind at any production (CRA) Degras conversion (Section Constrained Section Sectio	Population and Versional activation	Low	This has an expectable demonstrated in the studies of indedeads in notice care.	Pagention of mining data in the find resembles and point groups we when	Low	Characterisments with the number for the Mindmin and entirely time. In the many sectors of the Mindmin and Mindmin	Sonfara se tregetore da se o desención di days concentra que y concentra entra ana se o programa de la concentra de la concentra de la concentra de programa de la concentra de la concentra de la concentra de programa de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra de la concentra del la concentra de l	at Moderate
1.209	Serious	Und network groups (2.5 checkler noted approximation provide to approximation) and a second s	Roderate	Only and headboard sequence was used for the sharp Charge bandhoard sequence in sectorism. Learning Is on emprovement of the sharp postation of the Charge bandhoard in the Sharp Bandhoard	Population and intervention clearly outlined.	Low	The innot expected in observational Moderate studies of Individuals in routine care.	Tochding move with 10°-1340 with the righting to 10°-41 close with englishing the 10°-141 close with englishing the toch of the market theory. But the toch of the market "Markat globa to acutebrieficies" (All on the properties in the provide the market. "Markat globa to market head place to the market acutebrieficies (All on the properties in the provide to the market. The state of markat globa to market acutebrieficies (All on the properties in the provide to the market. The state of market globa to the market acutebrieficies (All on the properties in the provide to the market. The state of market globa to the market acutebrief (All on the properties in the provide to the market acutebrief).	Low	Outcome measure was the same pare and goins the intervention. Madesite Decremon ensure of the same pare and part of the intervention. Explored and intervention the part of the part of the same pare and part of the part o	No pre-specified analysis plan but no indication that any use group analysis were excluded on purpose.	Seriou
Fernan, 328	Moderate	Plauble other event could have affected outcomes but subnor used time arrive design which can be account for underlying long-term angles associated tends. Sufficient number of time period pre- and peak intervention. Non-mertigeted version contracteders.	Aoderate	Dectoric health necroix of 15 community health centers from 9 states in the US were used. Low	Population and intervention clearly outlined.	Low	This is not expected in observational Low states of individuals in routine care.	Transparrent about the amount of mixing data.	Low	Outcome measure was the same pre- and post- the intervention. Moderate Dectronic record of a patient's smoking data.	Paper includes results of time series analysis but only graphically displays 2006 and 2011 time poin data. For patient characteristic, they display finding from their final multivaluation model. No pre-specified analysis plan.	nt Moderate
aloon, 203	Low	The capital for any approximation in the second sec	Aoderate	Index the section of	Population and intervention clearly outlined.	Low	The in not expected in observational Moderate studies of individuals in notine care.	No metion of mixing or exclude data but sourced that the proportion of participants and maxima for mixing data are institut between the proops companys.	Low	The actions measure was all registed gait strength: "Carried models the actions measure was all registed gait strength of the second s	No pre-specified analysis plan bud results shows for various sub-group analyses. Also active sensibility analyses performed.	Moderate
loree lookit (105	Serious	Executered endorship juncturbenergende dass, endorstites degrama, solt beken unrealed, engenes han internetation, ou pre largeste dats. Also time may be after analy web differences annet.	<i>A</i> oderate	In the day advances of particle deriver and the VER between a water for the section of the VER between the version of the VER between the VER between the version of the VER between the v	intervention not cleanly defined, nor the study time period under investigation.	Low	The In not expected in observational Moderate radies of individuals in notifier care.	Making data sudfied for enabling stratus quantities, but not clear whether the perpetition of mixing data was actual between the comparison groups.	Moderate	Questionary play list-time of plates, "Subject provides and development of the plates," Subject plates and	No pre-specified analysis plan bud no indication that any sub-group analyses were excluded on purpose. Results board for the cabent of innoiser patients as a whole.	Serious r

				1					-		-	-	
799e_303	Serious	Une of complexities in good to be the and activity proton affend of handre on the effect of 100 meV (and the second of the 100 meV (and the second of the 100 meV (and the second of the	koderate	100 particles (17% of all clock particles) participated in the strengths. Of these, bits output particles with being the strength participate of the strength particles with the strength particle particles with the discussion participate in the strength particles with the strength particle particle by the discussion participate in the strength the strength particle with the strength particle with the strength particles with the strength particle w	Low Pagulation and intervention clearly outlined.	Low	This is not expected in observational Moo studies of individuals in routine care.	derate	Maning data - practice net warding to participant/out returning ownitionant in in the second s	Moderate	"pool autointerne to getter test handles information (States 199) area to see the second seco	n Moderate	Na par-pacified analysis glass. Bough science for particular set of control co
14004.200	Wederate	Marching requires, the deep R-back intervention and head finders instrume, but head a low control program in the deep R-back intervention and head finders instrume, but head a low control of the deep R-back in the deep R-back in the deep R-back in the examination of the deep R-back in the deep R-back in the deep R-back intervention of the deep R-back in the deep R-back	koderate	¹ that is, O general previous (PA), ² SN of all table ¹ is the contract of previous previous (PA), ² is the contract of previous (PA) and PA and	Pagulation and intervention clearly outlined.	Low	This is not expected in observational Moo enders of individuals in routine care.	derate	Anticons week on collected "Versions in the surface of particient, adjuss the measurements of howards provide times participat. Unlike surfaces and end of the week of the surface of the surface of the surface of the surface of the surface and conclusions from the paragramme. To be edigited for a subject, surfaces and the surface of the above, if you and the surface of the surface and the surface of the above, if you and the surface of the surface and the surface of the subject, the surface of the surface and the parallel to the surface of the subject of the surface of the surface and the surface of the subject of the surface of the surface and the surface of the subject of the surface of the surface and the subject of the subject of the surface of the surface and the subject of the subject of the surface of the subject of t	Low	Outcome mouses was the same of shandler which the follows do a second state of the same of the same of the same of the same parentizge workspreakness was characterized and as an included having at least one of the following recated worker of ow or more cigaretine part day, digor or pipe unable."	Moderate	large properties anyong data to the indication properties of the second se
Fragerick, 2011	Moderate	No control group, pare, post-designe Plausible other events could have afficient accounting, but they did adjust the conducations. "Unlike a sectional control action, Wainstein has capted more all the hash can by a sequence taking group of dT and/oxidy. This makes it more generalizable to a wider papilation than a randomized controlled triat."	<i>doderate</i>	Tottad, A30 general practiceses (DN) – 20% of all this DPI – were selected to participative that programme. Description of the data were electricipative stratement from DPI practices to an independent National DBI Control, where the data is certainly strates ⁴ . These that the shelp included a "representative group of OP national". Not state how the 672 OP were Churen.	Low Population and intervention clearly outlined.	Low	This is not expected in observational Series studies of individuals in routine care.	lous	Attribio numbers outlines. ¹ For the 1-year cohort, patients with no walk data at year (MOR) was accluded to give 102 patients. The 2, 1 and 2018 patients. The 2, 1 and 2018 patients, respectively. ⁶ High attribion rate not commented on in the paper.	Low	Outcome measure was the same at baseline and in the follow-up comutations: Discincion: encoded of a patient's revealing status. The percentage simpling providence was calculated based on an individual having at least one of the following recorded: smoker of one or more cigarettes per day, cigar or pipe smoker."	Moderate	No gen-paperlind analysis plan ban no indication that any use barges analysis were acculated on purpose. Results shown for the cohort of patients as a whole.
Jane, 202	Moderate	Algonal for combusion iso, we are heading, and rank, duration of volk, whether the particular tables. It is the second second second second second second second second second second se	Aoderate	The only angle constant of the "prime, or any parties in the Calorian Baracch Calor and Calor an	Low Population and intervention clearly outlined.	Low	This is not expected in observational. Low studies of individuals in routine care.		Mention that "Calledge grouding completed MARCS terms as 2773 particle methods and the second	Low	Pippidian unway, outcome maxima in ker-reported by the docts, but externme maxima was been une account of the intervention interlighted "ware examined the impact of particul maximum on a "primary accounter," partiest maning caracterization consulting, Lag bodies cared careding and partiest maning caracterization accounting, Lag bodies cared careding and BOS of unsight was included in the primary analysis. For those partiest careding accounting of the primary analysis, for those partiest careding caredian was distanticed whether providem checked the "familing Causation" bas."	Moderate a a	Na para-gandina analysis glan but no indication no di any sub-gran pandyana sense esclubed un angenes
9,397	Moderate	Adjust for unions confusioned public that characteristics, provide that characteristics, franced hauscristics, and provide characteristics), burster for configure public horizon without CMM incopitor), at a scree-extracteristic public characteristic public for the public restore and three with provide macroscope and public CMM tensors judges. These hult centres may have been more till by to seek and gain PCMH recognition."	.ow	Use de comprehensive distante constaining data autisonally horne all health centers. Health Resources and directa de Antiensistionis (Health 2012 Lordenn Class Spatianis (KOS) and KLAI tracking data fram INSCN Printer Contrant Medica (Health Intern Mattianiani, "Lagal Panath Centers ware included in the analysis, with an out of 2018 heads in character (Statis) (Statis) (KOS) and an antipatients, "International and KLAI and Antipatients and the Celtor securities of the analysis, with an antipatient and antipatient and antipatients," "International and REAM deal HCL providing services to muse than all relian patients, "International programments"	Low Population and Intervention clearly outlined.	Low	This is not expected in observational Moo studies of individuals in routine care.	derate	No methods of mixing or excluded data but assumed that the proportion of participants and reasons for mixing data are similar between the groups compared.	Low	Clicical performance measures from distants. Same automes for intervention and contralinguous, "prevent of adults 12 insum or older) assessed for tablecce sum"; "prevent of adults 12 insum or older) assessed for tablecce sum that rescaled tablecce cases and server known balance cases that rescale tablecce cases and adults pharmacologic intervention."	Moderate	No per-gentiné analysis plan bar ton indication Moderaie that any sub-group anyone were excluded on purpose. Adjusted and unadjusted analyses shown.
140, 400	Accorate	Uneventing the physical system is a second system of the s	ow	In 2 20 COL 20 data methods in the May and May and Applica scales and the Market and May and May and May and May and May Makanan, New York, New York, and Market and York, Krawe, Makanan, New York, Krawe, Makanan, New York, Krawe, and Manana, New York, Krawe, Ang York, Krawe, Ang York, Krawe, and Manana, New York, Krawe, Ang York, Krawe, Kr	ngunacia na manina cang uclimat	LOW	The a set representation converting of the set of the s		well if it, they have be a school the up atom is in welling means data cargo in it is of modeling."	Low	The GB spectrum statutes due for fair to status and sta	AAGGARGOR I I	nder ange ubgenangen angen men en bede der angene Conducter derastillty angene.
1 angle, 2012	Moderate	Plaulike there events could have affected obscenes, it was not passible so separate out the effects of Lot other events that accounted at the time of the intermetion(), clusters used a time series design and presented analyses including and excluding the effect of association.	.ow	Electronic health records GP clinics in the UK, representative of the UK population.	Low Population and intervention clearly autilined.	Low	interventice(b) run over a defined Moo time period.	derate	No mention of mixing or excluded data but a summed that the proportion of participants and reasons for mixing data are similar pre- and pod- intervention.	Low	Outcome measure was the same pre- and post- the intervention. Electronic record of NRT prescriptions issued is a robuit, objective outcome measure.	Moderate	Only one effect extranatis is regorind (for the Modersia Weile patietic population), Andree servent both the seasonally adjusted and unaljusted analyses. No pre-specified analysis plan.
Latine 200	Moderate	(Im, good deep, Compared as botto spaced grands botto had deep and space to the spaced grand	koderate	The particular that participants in VGC X we obtained as watching particular to a more impact of the participant in VGC A more interpretent to the participants in VGC A more impact and the participant in VGC A more impact and the particip	Dow Pagulation and intervention clearly autionst.	Low	This is not expected in observational Most studies of individuals in routine care.	derate	Namelia et nainge makalé da ku namet fet tép papetin d periopit ad vana for malgén av antige ar adapt disordin.	Low	Outcom meaury was the unity privilege data	Moderate	Na pa spanification shake dan bit na biologisa na panyan. The namb of different models are displayed.
Teology 2026	Low	Control granifizations are which the wave indigite for MSR which Control base did not necessare and NME for March Check. Control and a forest strands. The control of the strands control and forest strands, control march the strands of the strands, and the strands of the stra	.ow	Electoric bashinecole of 33.02 of clicics in the UK, preventative of the UK populations ————————————————————————————————————	Low Population and intervention clearly outlined.	Low	This is not expected in observational. Low studies of individuals in routine care.		No method of mixing data seeps at initial/indusive/solution data, "We have excluded patients (350) who did not have all years of up instands record before the dates of the check and one patient whose check was after 31 March 1021." Sinser criteria sugnited to intervention and control participants, proportion of endusions are similar.	Low	Outcome measure was the same gre- and poot-the intervencion and the same for the intervencion and matchine carolla participants. Electronic record of a patient's making status, proportion of patients recorded as current unobars.	Low	Duty protocol included and no indication that any Low sub-group analyses were excluded.
	Serious	Vision calculated factors are another by as, in calculated, and an another by a second second secon	Aoderate	Dinjo në habitara ngëni "ua su sed të tësi shdy f ¹ u liggë habitara ngën n i norten Caldoni", i no ngenezitan et di në kang kopatito si të të kang da kon si sëtë habitare ngesizatori vet a genezity hgly-toured patient population nay lent the genezitability of our fieldge."	Low Population and Intervention clearly outlined.	Low	This is not expected in observational. Low studies of individuals in routine care.		Not much metalon of making data. Tin the first part of the study, a patient-year was the ward of national patients recommend annual careening, we examine and year suparating, so a patient could appear in the denominator (an immerstard) on matter years. In each year, we examine a patient, running haloxy information as represented in this or the DRM that year, without impaction of making value using documented study before yours."	Low	Outcome measure was the same pre-and port-the intervention. Electronic record of: a patient's unoking status.	Moderate	Na pre-specifiel a subjet plan bar no indication Sentou that my sub-group a subjets were excluded on purpose.
Nens, 205	Law	Under centre gines, Adquient for confluences type, and conferences to association constraints may be able to a set of the confluence of th	.ow	To an a representation for of 1340200 errors, expensioned (2020) errors and errors when their targing and errors errors with 1000 grade company. The the only, the sub- metry and the sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-	Low Population and intervention clearly outlined.	Low	This is not expected in observational cou- studies of induktuh in costice and a statistication of the that: "Boldwalaw in Autono note that: "Boldwalaw in another the statistication of the statistica		Interventiona acciented partent spager will matched. We source that the popportion of participants and mascens for existing data are similar between the group.	Low	To imite this informat in self-regardless measure, this shap default electronic halthwest policy plants and end policy, as a wave dependence nearly of proverties service, as a documented in the Dill, and the Dill most and a first documented in the Dill, the Dill most and a first documented in the Dill, the Dill most and a first documented for a service and for the intervention and commit provide (1).	Low x'	Study was "Anglened as a statementation dusty at law conclusivity, or "Anglened as a statementation of the statement conclusivity, or "Anglened as a statement of the statement Adjusted and unadjusted analyses shown.
(Prps, 306	Serious	Jodguet and Johnson Y 2001, 2001 (particular data from instances of the processing of the procesing of the processing	Aoderate	"Necessary consequences and in the statistical for the SE Section partice that are the descent particle of the SE Section Sec	Population and Potreention Clearly authority	Low	The is not special in observational is no states of individual is modifier area		Valence who more given by environmental owners much frame the average method of the second se	Low	Okcent menung was for unter per adapta for internettation internettation of the second second second second second second second internettation black for standardism second second second at unading exection skellor leaders.	Moderate	Na pen updirekt anlangs på ha kon to kon ten kon kon en kon en kon kon en kon kon på en kon kon kon kon kon kon kon kon på en kon kon kon kon kon kon kon kon kon ko