This database was created by Michael Aird, in relation to my work with Convergence Analysis. I intend for it to be a "living document", built up collaboratively by anyone interested in existential risk reduction.

Please add "comments" to suggest additions or mention places where you think I've misinterpreted or misrepresented an estimate, or where there would just be some other context worth noting. I'll check these comments regularly, and, where relevant, copy and paste them into the spreadsheet as additions.

See this post for context on this database

Some things worth bearing in mind:

Some limitations of existential-risk-related estimates, or explicit probability estimates in general, noted in this post (forum.effectivealtruism.org/posts/JQQAQrunyGGhzE23a/database-of-existential-risk-estimates), Beard et al. (https://www.sciencedirect.com/science/article/pii/S0016328719303313), and this post (https://forum.effectivealtruism.org/posts/KfqFLDkoccf8NQsQe/potential-downsides-of-using-explicit-probabilities). These estimates are unlikely to be very independent; many estimators had probably seen each others' estimates, interacted extensively with other estimators, etc.

I don't provide much context or caveats for most of the specific estimates. It may often be worth checking the appendix of Beard et al. (https://www.sciencedirect.com/science/article/pii/S0016328719303313) and/or the original source.

It's often hard to be sure precisely what is being estimated, or what other conditions are perhaps being assumed. And I may sometimes misinterpret or misrepresent this; please make a comment if you think that that's the case.

I've organised these estimates by the broad categories of what's being estimated. Most estimates within each category are **not** of exactly the same thing; for example, they may differ in the timelines over which they're estimated, or in whether they're about existential catastrophe broadly or extinction specifically.

I've converted all estimates into percentages. Where the estimator expressed their estimate in another way, I've shown how they expressed it in brackets after the percentage. All bold is added by me.

This database was last updated on:

20 May 2020

This Sheet includ	tes what his called	ting "exidential risk nevel extinative", meaning extinates of tinings like the c of "less extreme" things, like major global catastrophes that don't cause re "ununcational" extinates tens, and "conditional" extinates in the next line	elaterital risk from some	thing the extincts me such estimate	ton lisk from some es can be found in	thing, or how much the Sheet Yation	samething reduce	es the expected value as extreme outcome	of the Subure.	nay still be very extrem	Syregular standards, and I don't mean to imply otherwise.)
I'm also mostly to	rying to include "s	"unconditional" estimates here, and "conditional" estimates in the next life	it. For example, 12 inclu	de here an estima	ate of the chance of	d existential catavi	tighe as a result of	finuclear war, but no	separate estimates of the	e chance that a nuclear	ar occurs and the chance that a nuclear way, if it occurred, would
	When was Co							Subjective		In this eating	
Who is the estimator?	estinate madejublishe	a hear? What is the estimator estimating?	What is their estimat	or? Nam. Years	% Probability	Annualized 5	Century %	Quality Weighting	tource stylest?	source Beard et al.'s appendix?	Other notes
Transport		2000 "Broal existential risk" by 2130							ha Pandole Mil		Ord writer: "Don't take these numbers to be completely object take the estimates to be precise. Their purpose is to show the magnitude, rather than a more precise probability."
SCR	2019/2020	2008 "Overall risk of extinction prior to 2100" Existential risk in the 21st century	,	100	92 1	9% 021	N 20.47	10	Sections In a No.	704	This is the median. The report about these estimates also plot each question "with individual response distributions visible" in
	2	2017 Extinction-lisk "in the next century"	Probably at or above	26.7	-	PALLE	MALUE	,	No. of Concession, Name	-	
John Leslie	1	1996 Plax of extinction over the next five centuries. Odds that our present civilization on earth will survive to the end of	At or above 30% 50% ("no better than f	My-	500 1	PALLE 0% 0.01 0% 0.71 1% 0.01	% 6.89 % 51.00		esie, J. (2002). No lees, M. J. (2000No	Yes	"The probability of the human race avoiding extinction for the r is encouragingly tigh, perhaps as high as 70 percent"
Matin Rees Mittaculus respondens		"there be zero living humans on planet earth on January 1, 2100". 2002 "wintertial disaster will do us in".	Medair 1% Mean 81	κ.	80	1% 031	N 129		tor how neg No	Yes	That median and mean is as of 3rd July 2019.
Not Reston		2002 "wiletential disaster will do us in" The prior probability that "humanity will cease to exist before 5,100	Probably at or above 29%						DOS Transactica (No.	Yes	
Got III Webs	1 2	2002 "westerfold detailer will do a set." The prior postation of the search efforts 5, 100 years to enable the search efforts 5, 100 years (publish from Sharof et al.'s. 1993 appeared). 25 all soft pears (publish from Sharof et al.'s. 1993 appeared). 2003 Annual postation of a 47,200 of endenders. "Hermarchy appeared to the corresponding oractry is well approximated 2005 by a postation description on 67 of 27 by any pear." "Mannually publish and postation of the corresponding oractry is well approximated 2005 by a postation description on 67 of 27 by any pear." "Mannually publish and postation of 27 by any pear." "Mannually publish and postation of 27 by any pear." "Mannually publish and postation of 27 by any pear." "Mannually publish and postation of 27 by any pear." "Mannually publish and postation of 27 by any pear." "Mannually published and postation of 27 by any pear." "Mannually published and pear of 27 by any pear." "Mannually published and 27 by any pear." "Mannually publi	9%. 0.9-0.4%	,	1 0.1	FALUE 0.31	MALUE) NA 28.57		lott II, J. R. (196No 1966, W. (2009) No	Yes Yes	
Simpson	1	"Humanity's prognosis for the coming century is well approximated 2016 by a global cataletophic risk of 0.2% per year." "Humanity avoids every existential cataletophe and evertually fulfor		2%	1 63	0% 020	18.10	% 1	inpson, F (201Ns	Yes	Bleand et al: seem to imply this is about extinction, but the quot about "global catterrophic risk".
Toby Ord I will not report to	te number from 5	2020 its potential actioning connetting close to the best future open to us a Stern Review. The economics of climate change, as it was ext actually m	50% (-1 in 2) next as an estimate.	,					ha Paniole NA	No	
					Median	0.22 0.19 AJ	% 18.20 % 17.62				
Yody Ord Gross Catalatrophic Rox Conference	- 1	2020 Existential catastrophe by 2120 as a result of 'unaligned At'	-12%			~			ha Procince No.	No.	
Catadrophic Rosk Conference		2008 Human extinction by 2100 as a result of 'superinteligent Af		9%					Date Transe Diversion West	Yes	This is the median, ileard et al.'s appendix says "Note that for no time frame was given." I think that that's incorrect, based or original acurue, but the not certain.
											osignal acuran, fur film col certain. The region's submon discuss general concerns around non-either factors helpful and Child, actions are representative of the factors' mission and certain film of articular intelligence as a nature. There was apparent inconsistencies in entimates of Art trendress as a manual changes to those questions were selected, providing further are reached and the control of the con
Survey of "All expects" Parries & Armetro	2	"Subsensity bad (e.g. extinction)" long-run impact on humanity from 2017 "high-level machine intelligence" 2015 "Infinite impact" from Al within the next 102 years, which "refers to the		85.					Territo, D. & Arm No.	Yes Yes	changes to how questions were asked, providing further reaso meaningful these expects' predictions were https://web.active org/web/2017103023000810ps://aimpeds.org/some-survey-
Partin & Ametro		2015 "Infinite impact" Sum Al within the next 100 years, which "refers to th	e 0 10%						wello, D. & Armina	Yes	This is my interpretation of some comments that may not have be taken very identify. Elsewhere, Rohin noted that this was "bi
											This is my interpretation of some comments that may further part to be applied to the property of the property
		Change that All through haday									percentage about decontinuous scenarios: https://envelvieus composts/faephttMs/Tafey.2km/numin-shah-on-reasons-for- commental-sta77gs/Eth/Spaklimij Rohin also discusses his e Make (filtramofile con/22/2 PAT-Lam-reasons)
Rotin Strate	2	Chance that Al, through "adversarial optimization against humans. 2000 only", will cause existential catastrophe	-6%						Total Parame Street West	No.	2019 and 2019 with buck shiegeria and rohin shaly. He also says 1 made up 10%, its kind of a random number 1.6
Paul Christiano	2	2000 only", will cause existential casempte. Amountly which risk of feature to align At (using only a narrow 2019 conception of alignment; reduces the expected value of the forum "the probability of Ah-induced existential risks" (but from context, i) believe this actually release the probability of an Ah-induced existentic 2000 calestinglying.	-10%						the fairness, We	No.	manages fits going to give are very made up though. If you ask time you'll get all different numbers."
Buck Schlegris		betwee this actually meant the probability of an Al-induced existency 2000 catalogoles		10%					the interesting the	No.	This was a direct response to Crit's estimate. It focuses on one
											tiom.Al, not all pathways (x.g., not Al misuse or risks from com- powerful Airs). "These estimates should not be taken very serio believe we have enough information to make sensible quantital
											to institute the extent of my disagreement with Crists estimate to institute the extent of my disagreement with Crists estimates the key considerations I examine in order to arrive at an estima- on the source. Poston Stati coloruse arrive of the loss.
James Fodor		2020 Existential risk from unaligned All over the coming 100 years	0.0	16%.					Office Devices of New	No.	we we source, Motion bitten cirtiques some of the inputs to this provides his own, substantially higher estimates. Stated vertably during an interview Mot Sotally clear precisely a administration for a large action for
Stuat Ametions		2014 Chance of humanity not surviving Al	50.40.07***						Sections and We	No.	This was a store resource to CFT and release. It founds no con- posed AGN, "These electrons and AGN and the control of the powerful AGN, "These electrons is much all to be taken vary size. The control of the control
						Blonex					expensedgent* Al, whereas to "All in general" Et be 60%.
Yolly Ord	1	2020 Suistential catestrophe from "engineered pandemics" by 2122 Human estination by 2120 as a result of "the sincle biopect estimate.	-9% (-1 in 30)						hadradain No.	No	This is the median, illeand of all's appendix says thiste that for so the floate was given? I this that that's incorrect, based or original source, but thin or certain.
GCR Continuos Youy Ord	2	Human extinction by 2100 as a result of the single biggest extered 2008 pandemic* Substitute constripte from "naturally arking pandemics" by 2000 2100	0.0	20%					Decisional Disp No.	Yes	
Soly Ord GCR Conference	-	2000 2139 Human extinction by 2100 as a result of Yangie biggest engineere 2008 pandensi:	-0.01% (-1 in 10,000)	_						No.	This is the median. Seard et al.'s appendix says. "Note that for no time flame was given." I think that that's incorrect, based or
		2001 pandenic	4.008% to 4.00000187	25					tos trons tri critis	Yes	This is the median, Seart et al.'s appendix says "Note that for no time frame was given." I think that that's incorrect, based or object secure, but off not celled that. The fact that there's a separate estimate from the same source and bioterviews suggests on the time the list meant to be an estimate by the same source of bioters search parkets only, Suf-tim not also. This legist also "according to seasons of a bioterpleased pathogen."
Milet & Snyder- Seattle Milet & Snyder- Seattle	5	The annual probability of an existential catastrophe arising from a 2017 global penderno. The annual probability of an existential catastrophe arising from 2017 bosserbare or biotentrolism.	(between 8 x 10-5 and 1.6 x 10-8)						SSHE, P., & Sinya No.	Yes	from a natural pandernic only. But I'm not sure. This might also "accidental" release of a bioengineered pathogen.
									litet, P., & SnydNo	Yes	The fact that there's a separate estimate from the same source biology' suggests to me that this is meant to be an estimate of natural pandersis only
Partin & Ametro Partin & Ametro	n 1	2015 "Infinite impact" from a global pandemic within the next 100 years, or 2015 "Infinite impact" from "synthetic biology" within the next 100 years, or	ni 0.000	20% 20%					Serio, D. & Arm No. Serio, D. & Arm No.	Vint. Vint.	
											This was a direct response to CHT's estimate, atthough this est extinction last native than extincted into: These estimates why sections; for both televier with two enough inflammation to quantitative entering the control mean event instanction. The quantitative entering the control mean event instanction of quantitative entering the control mean extinguishment of quantitative and to illustrate the level considerations of examinar an estimate, and to illustrate the level considerations of an estimate, and to illustrate the level consideration of an estimate, and to illustrate the level consideration of an estimate, and to illustrate the level consideration of an estimate, and the level consideration of the control of the level consideration of the level control of the level control of the level c
											quantitative estimates about these eventualities. Nevertheless, estimates largely in order to illustrate the extent of my disagree estimates, and to illustrate the key considerations I examine in
James Fodor	5	Subsection lies from engineered pandernics over the coming 100 2000 years.	0.000	20%					Officer Devices of West	No.	an estimate." In comments on the source, Will finalshaw critiques to this estimate.
						Nanda-Znok	Or .				This is the median. Beard et at 5 appendix says Tricte that for
GCR Continuos	2	Human extinction by 2100 as a result of 'inclecular randoch 2008 weapons'		9%					See Property of Wes	Yes	This is the median, ileast of at 's appendix says. "Note that for no time thatne was given." I think that that's incorrect, based or original source, but the not certain. This is the median, ileast of at 's appendix says. "Note that for
GCR Conference Stansin & America	2	Human extinction by 2 100 as a neutrol "the single biggest 2006 parameter accident" 2015 "Infinite impact" from panotechnology within the next 100 years, while	a 0.010						Sections No. of No.	Yes	This is the median, ileast et al.'s appendix says. "Note that for no time flame was given." I think that that's incorrect, based or original source, but the not certain.
				~~							See this post for some commentary https://furum.effectiveatri. org/posts/29/23/suith/DipFeg.htmy-thoughts-on-boxy-and-s-ex- estimated#_Unforeseer_and_coher_anthropogenic_nois_
Yolay Ciral		Existential conscripto from "other anthropogenic risks" (unich 2000 Includes but is not limited to nanoschnology) by 2120	-2% (-1 is 52)						ha Procining New	No.	**************************************
Yolay Ciral		2000 Suistential catastrophe from nuclear ear by 21/20	-0.1% (-1 in 1000)			Nuclear			ha Produce - NA	No.	
GCR Continuos	2	2000 Shintential caractrophe from nuclear war by 2120 2008 Human extinction by 2100 as a result of "nuclear wars"		1%					tos ibose hi o Wa	Yes	This is the median items of all x appendix apps "filter that for designed accepts, but find out of the filter accepts accept, but find out of the filter accepts accept accept, but find out of the filter accepts accept accepts accep
GCR Continuos	2	2008 Human extinction by 2100 as a result of facts of nuclear terrorism?	0.0	20%					Don Thomas Diving West	Yes	This is the median. Beard et al.'s appendix says "Note that for no time filante was given." I think that that's incorrect, based or original source, but minnot certain.
											It's also worth noting that Todd uses the phrases "permanently and "civilization-ending nuclear war" here, but the article and s estimates in it are focused on extinction, rather than "here over
Shen Yodd or 80,0		2017 The chance of "a civilization-ending nuclear war" (or one that cause							Day (STORT) or West	No.	permanent colleges. I'm thus not oure precisely what scenarios estimating or broadly discussing the risk of. There's some relevant inflictinguation in these flows account.
Dave Denkenber Anders Sandberg	1 2	2018 "Reduction in far future potential per year from (the risk of a ¹) full 2018 "Reduction in far future potential per year from (the risk of a ¹) full	6-02M 6-025/N						ton Transactory Start of ton Transactory Start of	No No	
											I multiplied 2-27% by 30%. I may be misrategording his statem "200 years", but 80,000 Hours seem to hypically discuss risks of 21st century or over the need 100 years, so I'm not sure it "200 or a lype." Bland of all's appendix makes it seem somewhat undear what hours to imarger. See that appendix for this control to imarger.
Peter Michigra Alterer Turchin		2016 Amount by which "the future potential of humanity" is reduced of 2008. The risk of extinction due to the consequences of nuclear war, or as							within A.V. (2010)	No.	or a type. Bread et at 's appendix makes it seem somewhat undear what how to intertreet. See that accords for details.
Alexey Turchin Partin & Ametro	. 1	2008 The risk of editotion due to the consequences of nuclear war, or as 2015 "Infinite impact" from nuclear war within the next 100 years, which "	6 000	16%					lushin, A. V. (2016) Turnin, D. & Arm No.	Yes	
Total Ord			-9.7% (-1 in 1000)			Clinate charg	10			70	
	3	2000 Existential catastrophe from climate change by 2100 Amount by which "the Sabure potential of humanity" is reduced due to 2016 the risk of "extense climate change In-VIC in the reset NM water.	-0.1% (-1 in 1000)						ha Panining 1844	No.	I multiplied 0.5-10% by -20%. I may be minimarpreting his star
Roman Duda Pamin & Ametro	9 3	2000 Existencial conservable from climate change by 2102 100 Marian Styling Control of the Con	0.0	20%					Terrin, D. & Arm No.	West .	Today Ord. [] I think that if we imagine a world, if we could just
Yody Circl		just somehow have the next century but make it so that climate 2000 change wasn't an issue"	0.1-1 percentage point	04						No.	It's possible to means 0.1-1% "of the total risk level over the ri
Total Ord					Naturalis	ies (wouding nat	ural pandemics)		to Process 1941		
Partin & Armetro Tody Ord	. 1	2015 "Infinite impact" from a super-volcano within the next 100 years, whi 2000 Existential catastrophe from asteroid or corner impact b- ****	n 0.0000 -0.0001% (-1 is 1 AM	0,000)					Territorio Nes Territo, D. S. Anni No Territorio Nes	Yes No	
Toby Ord Partitin & Armetto Toby Ord Partitin & Armetto Toby Ord Toby Ord	0 1	2000 Excellential conservingle from suppervolation's eluption by 2 100 orbit "finishe impact" from a supper-volation within the sest 100 years, with 2000 Excellential controllenting the first assessed, or contemining the 500 years of contemining the 500 years of the 500 years o	-0.0000007% (-1 in 1	13%					ha Process No.	No Yes No Yes No	
Yody Ord Snyder-Brustie, Ord, & Bonsell	1	2000 "first natural fesidential risk" by 2120 2019 The probability that humanity goes extinct from natural causes in an	-0.01% (-1 is 10,000)	be below name	icin service	v less than 4 decay	Shally lave then "	0001% 6-4-4-	ha Produce NA	No.	
CRE & Bonsell	,	2019 The probability that humanity goes extinct from natural causes in an	(Almost guaranteed to	be below 0.00%.	(T in 14000), likel	y tess than 0.001%	, stely less than 0	.0001% if we use th	the Person ratio No.	Yes	
Today Circl		2000 Buildenial caregraphe from "other environmental America" over nine	8-0.7% (-1 in 1,000)			Miscellaneou	4		hafterinia We		
Yody Ord Partin & Ametro	. 1	2005 Suistential caractropte from 'other environmental damage' (not clim 2015 "Infinite impact" from an "ecological catastropte" within the next 100	y 0	9%					Territo D. & Arro No.	No.	See this post for some commentary. https://forum.effectiveatro.
Yorky Circl		2000 Kulstential catastrophe from "unforeasen anthropogenic risks" by 21	10-2% (-1 is 30)						he Products NA	No.	See this post for some commentary https: ifurum affectivestry organizations and post of comments of comments of comments or co
											See this post for some commentary. https://forum.effectiveatri. org/posts/296/25cuit8/05j/Fig.3my-thoughts-on-soby-ord-s-exi- estimates#_Unfureseen_and_uther_anthropogenic_lioss_
Yody Ord Yody Ord		2020 Suistential catastrophe from "other anthropogenic risks" by 2122 (se 2020 "Strat anthropogenic (suistential) risk" by 2120							ha Panipine Nea ha Danipine Nea	No No	-
				n er							"Consider your own retinate of now much exhausted data them must be years. Here south of the would datappear if you know process, but if managers that an approximate hazardow would data late a tests of the existence late, over that time." This is the medium, least or at it, appendix apply "Mole that for no time that we would be not the time to the process of no time that you will be not that the processor, haven'd appear accord, or at mind or either.
Yolay Ciral	1	Annuality which evidential risk to 2120 would decrease if there 2000 definitely wouldn't be a great power war during that time	trate -16 barries o battine)	wer					ha Panicina NA	No.	precise, but no imagine that an appreciable fraction would disa like a tenth of the existential risk over that time." This is the median. Beard et al.'s appendix says. "Note that for
GCR Conference		2008 Human waterclon by 2100 as a result of wars (including civil wars)		6					Sections No. of Wes	Yes	no line flame was given." I think that that's incorrect, based or original source, but minnot certain.
											his free facine was given.* Times for facility recovers, based on the Read of all wife. The Reading devides common rate area consistent for all pleased seems device way utilized on the consistent for all pleased seems device way utilized on the seems of the reading of the Presch Times of the segment of the reading of the Presch Times of the seems of the change of the presch Times of exhaustment and the seams for one development of the exhaustment and the seams for one development of the exhaustment and the seams for the development of the exhaustment of the seams of the seams of the exhaustment of exhaustment o
											 eignowers underestimate of the threat. This includes physics described in the previous section, but also take such as arisina enhancement and the search for extratementrial intelligent life.
Partin & Ametro		2015 "Infinite impact" from "an uncertain risk" within the rest 100 years, w	ni 0	9%					wein, D. & Arm No.	Yes	Ametring and discuss the evidential threat posed by Global : and Future Bad Global Governance, but believe that the proba- reaching infinite threshold from such risks cannot be quantified.
Parein & Americ Dave Denkenber Anders Sandberg	1 2	2015 "Infinite impact" from "an uncertain risk" within the next 100 years, w 2016 "Reduction in far feature potential due to the risk of all) 10% agric 2016 "Reduction in far feature potential due to the risk of all) 10% agric	# 0.1 #-0.00029%	19%					Tamin, D. & Arm No. See Transporting Sept of See Transporting Sept of	No No	There's some relevant infordiscussion in these three sources y
					How vario	us actions may red	use settain risks				
Shen Todd or 80,0		2017 One plausible amount by which "\$100 billion spent on reducing ext							Day (SCHOOL) WA	No.	I'm not sure where this "I percentage point reduction" Ses on I "genuine guess" to "number used purely for the sake of stuston the sake "Mill of the numbers (in point to the sake of stuston
Paul Christiano	2	2019 Amount by which "early nating" some portion of AI safety work coul 2019 Amount by which "a marginal person" doing some portion of AI safet	0.005% (fune in 20,00	0.06					Too Salmonto Nea	No.	I'm not aure where this "I percentage point reduction" less on ti "genules guest" to "unified used purely for the sales of fluxible de large Y30 of the numbers. If supplying byte was two yamade up assisted me a second time you'll get all offerent numbers." He says "X30 of the numbers. If supplying byte was very made up assisted me a second time you'll get all offerent numbers."
Paul Christiano		work American by which "a marginal person" doing some portion of Al safe	r w womening?						784	760	www.ne a woord time you't get at offerent numbers."

	When was the				Maria I assa	orly is this estimate	
ho is the	eatimate		What is their		read the source	included in Beard et al.'s	
ator?		What is the estimator estimating?	estimate?	Source	myself?	appendix?	Other notes
			"Total	risk" (or similar)			
				Al			
iurvey of experts" in t U field		The probability that the long-run overall impact on humanity of human level machine intelligence will be "Externely bad" 16 (existential catastrophe)", assuming HLMI will at some point exist.	10%	6 Müller, V. C., 8	L B No	Yes	This is the mean. According to Beard et al., the question was: '4. Assume fo purpose of this question that such Harnan Level Machine Intelligence (HLIs well at some point exist. How positive or negative would be overall impact of humanity, in the long run?'
Rohin Shah	207	Chance that AI, through "solvensarial optimization against humans only", will cause existential catastrophe, conditional on there not being "additional intervention by longtermists" (or perhaps "no 19 intervention from longtermists").	~10%	Max Peres in	www. Yess	No	This is my indepretation of some comments that may not have been meant to be taken very interest; I think he updated this in 2025 to +15%, due to passimism about discontinuous acematics: https://www.lessavrou.com.posta/17.deps/464/ETP 97.26.mo.habit-airbu-d-or-assers-is-trai-optimism? https://www.lessavrou.com.posta/17.deps/464/ETP 97.26.mo.habit-airbu-d-or-assers-is-trai-optimism? https://www.lessavrou.com.posta/17.deps/464/ETP 97.26.mo.habit-airbu-d-or-assers-is-trai-optimism? https://www.lessavrou.com.posta/17.deps/464/ETP 97.26.mo.habit-airbu-d-or-assers-is-trai-optimism? https://www.lessavrou.com.posta/17.deps/464/ETP 97.26.mo.habit-airbu-d-or-assers-is-trai-optimism-17.deps/464/ETP 97.26.mo.habit-air-assers-is-trai-optimism-17.deps/464/ETP 97.26.mo.habit-air-assers-is-trai-optimism-17.deps/
nin Shah	201	Chance that AI, through 'advensarial optimization against humans only', will cause existential catastrophe, conditional on '19 'discontinuous takeoff'	~70% (but with 'way i	eritiga Passa in	Yes	No	
							This may have been specifically if the transition happens in the net 100 year "Basically, you can look at my jestimate that the existential risk from AI in the
Ond	202	20 Chance that we don't "manage to survive that transition to there be	1 -20%	Hitox / B00000h	ou Yes	No	For people who would disagree, a question! is why would they think that w
				Diorisk			
			No	notechnology			
			Na	notechnology			
			Na	notechnology			
Toby Ord	202	20 Chapoe that 's full-scale rupidiar war in the next centur' would 'be		notechnology Nuclear	ou Yes	No.	To've additional disk over the next centure from nuclear war at about one
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	e ~2%	Nuclear https://80000h		No	•
Toby Ord Luke Oman		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our		Nuclear https://80000h		No No	"I give selelestial risk over the need century from mucker war at about one is 18 billed that this is Cream's estimate of the chance that estination would occ
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	e ~2% 0.001-0.01% (in the	Nuclear https://80000h		No No	•
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	e ~2% 0.001-0.01% (in the	Nuclear https://doorse.com		No No	•
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	e ~2% 0.001-0.01% (in the	Nuclear https://doorse.com		No No	•
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	a ~2% a 001-0 01% ("in the I	Nuclear https://80000h rahttp://serve.com mate change	Yes	No No	•
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	e ~2% 0.001-0.01% (in the	Nuclear https://80000h rahttp://serve.com mate change	Yes	No No	•
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	a ~2% a 001-0 01% ("in the I	Nuclear https://80000h rahttp://serve.com mate change	Yes	No No	•
		"The probability I would estimate for the global human population of zero resulting from the 150 To of black carbon scenario in our	e -2% 0.001-0.01% (*in the r Cite Natural daka (sec	Nuclear https://80000h rahttp://serve.com mate change	Yes	No No	•

his Sheet is fo	r estimates that I do	on't count as "existential-risk-level estimates". These may be estimate	tes of, for example, the	e likelihood of Span	nish-Flu-level pan	demics, nuclear v	ar, catastrophes causing over a billion deaths, etc.		Sources from Beard et al.'s appendit that would be relevant here:	Other relevant sources	
lost of these e	vents are of course	still "extreme" by most standards.								https://www.metaculus.com/questions/2568/ragnar%25C3%25B6k-question-series-results-so-far/	
			from the key thing I'm	most concerned at	bout (existential r	isk), and because	R seems that it's much less hard to find those than to find what I'm consider	ring "existential risk estim		Adam (Gasee gave an answer to the question 'halful is the chance that advanced artificial intelligence posses a significant risk of harm?" Set it's very unclear to me whether this means the chance that harm occur as the chance that a risk is posed, somewhat unclear what the latter would mean, and very unclear what leved of harm is being discussed. So I haven't included the numbers here. https://aiimpacts.	
									1	Kevin Esvelt answered a relevant question at the 21:53 minute mark of this video: https://youtu.be	MBbOHOL/VSX47t=1313
ho is the stimator?	When was the estimate made/publishe d?	What is the estimator estimating?	What is their estimate?		Have I properly read the source myself?	Is this estimate included in Beard et al.'s appendix?	Other notes				
			"Total	risk" (or similar)					1		
									1		
									18 (for "infinite threshold")		
									2		
									2		
				Al					2		
lam Gleave	2019	Chance that Al safety is as hard as a (caricature of) MIRI suggests	-10%	https://alimpacts.	Yes	No	"So, decent chance- I think I put a reasonable probability. like 10% probab	oility, on the hard-mode N	2		
tam Gleave		Chance that "Al safety basically [doesn't need] to be solved, we'll just solve it by default unless we're completely completely careless"	-20-30%						2		
iam Greave ihin Shah				https://aimpacts		No	The state of the s				
hin Shah ck Schlegris		"chance that the first thing we try just works and we don't even need		https://futureofile https://futureofile		No No	"There's some chance that the first thing we try just works and we don't er "I haven't actually written down these numbers since I last changed my m				
ack Schlegns	2020	Chance we have "good competitive alignment techniques by the time	1-30%	https://tutureotite	Yes	No	"Basically, you can look at my [estimate that the existential risk from Al in				
oby Ord	2020	*chance that we create something that's more intelligent than human	-50%	https://80000hou	Yes	No	Toby Ord: With that number, I've spent a lot of time thinking about this. Ac				
									31 (for "infinite threshold")		
				Biorisk					3		
									3		
									3		
			Nar	notechnology					3		
									3		
									37 (for "infinite threshold")		
									4		
				Nuclear					42 (for "infinite threshold")		
by Ord	2020	"chance of a full-scale nuclear war in the next century"	-5%	https://80000hou	Yes	No	"I give existential risk over the next century from nuclear war at about one	in a thousand. I initially t			
									4		
			Citi	mate change							
									47 (perhaps this in fact belongs in the r 4		
			Maked dekt from	cluding natural pan	idomice)				49 (for "infinite threshold")		
			remarks traits (exc	County return peri	ourse)				5		
									5		
									53 (for "infinite threshold")		
			M	iscellaneous					54 (for "infinite threshold")		
									55 (for "infinite threshold")		
									57 (for "infinite threshold")		
									57 (107 111111111111111111111111111111111		
									5		
									6		
									6		
									6		
									63 (perhaps this in fact belongs in the r	ain sheet: I haven't read the source)	
									64 (perhaps this in fact belongs in the r		
									65 (perhaps this in fact belongs in the r	ain sheet; I haven't read the source)	
									66 (perhaps this in fact belongs in the r		
									67 (for "infinite threshold")		

Source	Description Apparently during (or front?) 2011, various people were asked quasitions including "What probability do you assign to the possibility of human extinction within 100 years as a result of AI capable of self-modification (that is not													
	provably non-dangerous, if that is even possibility? Pilymann extinction by AI AI capable of self-modification and not provably non-dangerous is created?! I haven't looked into these interviews yet. Oragony Levis "lipred topother a questimate as a first scase scientaris" or the expected value of self-self exclusion by the lights of person affecting leviers. But I think he was a testing "reasonable to conversative" assumptions in order													
https:	to build an illustrative model of what the value of x-risk reduction would be under those conditions (see footnote 23 here: https://e0000thours.org/problem-profiles/global-cafastrophic-biological-fisks/)													
	John Haldsed gives numbers related to total existential risk this century, existential risk from nuclear war, and existential risk from advanced machine intelligence. However, from a skim, I think these are a minture of illustrative examples and just reporting on other estimates which I mention in this post.													
https://www. getguesstimate, com/models/1176 2	in Denkenberger's model, the presents a modified version of an earlier model from others, which is focused on Al. I haven't included that here because I'm not sure whether Denkenberger actually endorses the values he provides in 2, or I'm was mentionally being "conservative" (i.e., using high estimates of Al risk) to make it harder for him to "make the case" for his own, not-All intervention.													
https://papers. som. com/so/3/papers. cfm?														
abstract_id+31559 83	This paper may have relevant estimates; I haven't read it.													
https://forum. effectivealtruism. ors/posts/dFYDr3 spMn592TwP/cau sal-network: model-ii-findings	This coorney have relevant satirusts: I heave't said it.													
https://www. youtube.														
com/watch? v=tOSpj19eows and footnote 2 of this: https: //80000hours.														
om/articles/extincti	Special Greenberg surveyed users of Mechanical Tark, and some EAs, and sisted about their estimates of the chance of human extinction within 50 from the time the survey was taken (around 2017, I believe). I haven't included the same the contracted in the contract of solicits estimates.													
https://forum. effectivealtruism. ors/posts/mrKwTz XSXL.Gs94fcBloub to opinion-about. existential-risk	**A MTark study of people in the Utilized States (N-305) Sourd median estimates of 1%, 5%, and 20% for the charace of human extinction in 50, 100, and 500 years, respectively. People were fairly confident in their amesers and tender	led to think the go	vernment should p	orioritize preventing	human extinction	more than it curre	ently does." But I	haven't read the	post, and, as state	ed above, I'm not	necessarily espe	cially interested in	the general public	's estimates
https://forum. effectivealtruism.														
orp/posts/XXLRF mWukuna3E6/are -we-living-at-the- most-influential-	Madeball writes: "Quantilatively: These considerations push me to put my posterior on the idea that we're in the hinge of history) into something like the [1%, 0.1%] interval. But this credence interval feets very made-up and very													
https://forum. effect/wealth.sism. ors/posts/ft/YARa 5K4nHaRCPG/cor rent-estimates-for- thelihood-of-x- cisk2 commentid-wobib gdnGRoOga/RS	"Motor Bandlery's Fiox account has a 2014 proto of a whiteboard from PHI containing estimates for fostions relevant statement/squastors." But fin not sure how servicely those estimates were mant to be blace.													
https://www. getguesstimate.														
com/models/1176 2	Denkerberger's model also provides estimates of how both ALLFED's work so far and alternative foods planning and R&D may protect against these reductions in far future potential. Perhaps that should be included in the section for estimates of "How various actions may reduce certain risks".													
https: #80000hours. org/problem- profiles/nuclear- security!	My proposation in the Unique apposits that it "make offer it is a polition" could recover by "if it is political" could be a political to a political for a po													
https: rs0000hours; org/oroblem: profiles/climate- change/	My interpretation is that Double suggested that a "major effort at the problem" could recover 55% of the 61-2% of the "fluture potential of humanity" that is currently reduced by the risk of extreme climate change, in other words, I interpret thin as declaring, suggesting the last own wife the words "routiness" but I favor a declaring suggesting the last own wife the words "routiness" but I favor a declaring suggesting the last own wife the the last own													
	He writes the like estimates already. "Economist the possibility that we get our act bugsther and start taking been finds very seriously. Future risks are often extended with an assumption of business as usual: That our levels of concerns and resources devoted to disclaims give the risks stay written by the risk stay written by the middleding, overstating the chance that we actually suffer an existential catastrophs. So instead, I've made allowances for the fact that we will likely respond to the escalating risks, with substantial efforts to reduce them.													
	The numbers therefore represent my actual best guesses of the chance the threats materialise, taking our responses into account. If we outperform my expectations, we could bring the remaining risk down below these estimates. Perhaps on could say that we were heading bearter, flustian routins with two builds in the gun, but that I think we will remove one of these before its time to put the trigger. And there might just be time to remove the last one bo. I we ready by:													
The Precipice (Tob	One could perhaps interpret this as him saying that his estimate of existential risk by 2120 conditional on continued business as usual is 28, and his estimate of how much existential risk by 2120 we can reduce if "we really by" is ~100% of it (meaning ~17 percentage points). But it's not clear to me that these were actually meant as estimates, rather than somewhat poetic illustrations of certain points.													
https://scripps.ucsc	*Researchers identify a one-in-20 chance of temperature increase causing catastrophic damage or worse by 2050". In places, that page seems to imply this is a 1-in-20 chance of extinction, but I think that's just using ambiguous language in a damatic way, and was just skimming.													
https://futureofile.c	Actions Childs: "In the same way, you can prodict an edipose, you can prodict that an asteroid is aimsed containly not going to cause human extinction this century." I would bein, 99.9% chance, that we will not be extinct from an asteroid impact." But it think he just threw that number out there to make a point, and i wouldn't be surprised if his was estimate would be notably different. It's also unclear procisely what he's prodicting (the chance of extinction from an asteroid this century can be century? The chance of extinction from an asteroid this century contains a century? The chance of extinction from an asteroid this century contains a contain of the contains of the chance of extinction from an asteroid was contained to the chance of extinction from the cha													