					Summary (more detail to the right)			*Likelihood and magnitude of potential catastrophe*						*Possible philanthropic interventions (not already funded)*
Cause	**Priority**	**Goal**	**Link**	**More public content planned at the moment?**	**Overall informal assessment of risk level (relative)**	**Overall informal assessment of opportunities to further reduce risk**	**Need for a full-time specialist**	**Highest-damage scenario**	**Likelihood of highest-damage scenario over the next 100 years**	**Likelihood and magnitude of global catastrophe if highest-damage scenario takes place**	**High-damage scenario**	**Likelihood of high-damage scenario over the next 100 years**	**Likelihood and magnitude of global catastrophe if high-damage scenario takes place**	
Biosecurity	1	Make cause-spec	http://www.global	More in-depth writ	High	Relatively strong	Very high	Synthetic pandem	Highly uncertain	Highly uncertain but very s	Natural pandemic	Very likely	Very likely (>50% for som	Many known (and expensive) preparations (e.g. disease surveillance, development and stockpile of countermeasures, improvement of preparatory plans and response capacity, and efforts (including regulation) to decrease the proliferation and increase the safety of risky emerging techn
Geoengineering research & governance	2	Infrastructure-bui	http://www.global	More in-depth writ	Medium-high	Possibly very str	Medium	Major social or p	Highly uncertain,	Highly uncertain, somewha	Climatic impacts o	Very likely	Very likely (>50%)	Policy-oriented research on how best to govern decisions about research and deployment. Building capacity and developing governance infrastructure. Scientific research on the effects of potential deployment. Very little funding in this space currently.
Geomagnetic storms	2	Determine need	http://www.global	Research report	Medium-low	Relatively strong	Very low	Major social or p	Highly uncertain,	Highly uncertain, somewha	Major economic hi	Highly uncertain but very l	Highly uncertain but very l	Hardening electrical grid, operational mitigation (such as unplugging components in advance of a predicted storm), building spare transformers, research.
Other cross-cutting work	2	Evaluate specific	-	Grant writeups fo	(Cross-cutting)	TBD	Low	N/A (different inte	N/A (different inte	N/A (different interventions	N/A (different inte	N/A (different interventions	N/A (different interventions	N/A (different interventions will apply to different risks)
Potential risks from artificial intelligence	2	Monitoring cause	-	Medium writeup for	High	Highly uncertain	Low	Extremely powerf	Highly uncertain	Highly uncertain but plausi	Use of extremely p	Highly uncertain but quite pl	Highly uncertain but very l	Room for more funding uncertain due to recent entry of major donor. See http://futureoflife.org/grants/large/initial for possible research agendas.
Food security	3	More cause-level	-	Shallow writeup for	Medium; highly u	Highly uncertain	Low	Global collapse o	Highly uncertain	Highly uncertain but plausi	Regional collapse	Highly uncertain but quite pl	Highly uncertain but very l	We have seen a proposed research agenda but so far have not found a consensus that it is promising. More attention to food stockpiling is also a possibility.
Risks from nuclear weapons	3	Monitoring cause	http://www.global	More detailed writ	Medium-high	Not many suitabl	High	Nuclear winter fo	Highly uncertain	Highly uncertain but plausi	"Nuclear autumn"	Highly uncertain but plausi	Highly uncertain but plausi	Policy development in countries other than the U.S. has little funding but would be very difficult. Some experts say policy advocacy and public engagement in the U.S. are underfunded.
Anthropogenic climate change (other than	4	Not prioritized	http://www.global	No	Medium-high	Not many suitabl	High	Major social or p	Highly uncertain,	Highly uncertain, somewha	Major damage to p	Relatively likely	Relatively likely (>20%)	R&D on clean tech, adaptation preparations, and working toward carbon pricing are all possibilities but all generally highly funded already.
Large volcanic eruptions	4	Monitoring cause	http://www.global	No	Low	Not many suitabl	Low but uncertain	Global collapse o	Very unlikely but	Very unlikely, with moderat	Major eruption coo	Relatively likely	Relatively likely (>20%)	Have heard few ideas for interventions other than research or improved prediction. Very little funding currently.
Atomically precise manufacturing	4	Not prioritized	-	Shallow writeup for	Medium	We are not aware	N/A (not prioritized)	Nano-scale mach	Very unlikely but	Very unlikely, with moderat	Weaponized atom	Highly uncertain but plausi	Highly uncertain but plausi	We have not heard strong ideas for interventions focused specifically on mitigating risks. Highly uncertain how much better proposals could be if the area received more attention.
Near-earth asteroids	5	Not prioritized	http://www.global	No	Low	Moderate opport	N/A (not prioritized)	Impact from obje	Extremely unlike	Extremely unlikely, with rel	Impact from object	Very unlikely	Very unlikely, with relative	Tracking smaller asteroids, along the lines of http://sentinelmission.org/. Largest asteroids already tracked.
Antibiotic resistance	5	Not prioritized	http://www.global	No	Low	Relatively strong	N/A (not prioritized)	Complete failure	Highly uncertain	Highly uncertain but plausi	Failure of some a	Very likely	Very likely (>50%)	More R&D on future antibiotics, as well as attempts to prevent antibiotic overuse. There is already a reasonable amount of funding in this area, but could be room for more.
Disaster shelters	5	Not prioritized	http://www.global	No	Medium-low; hig	Not many suitabl	N/A (not prioritized)	Major synthetic f	Highly uncertain	Highly uncertain, somewha	Scenario (such as	Relatively likely	Highly uncertain but plausi	Could build more or improved disaster shelters, but believe we are already at the point of diminishing returns.
Environmental catastrophe from synthetic	TBD	TBD	-	Shallow writeup on	TBD	TBD	TBD							

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