



Publisher Correction to: The Ethics of AI Ethics: An Evaluation of Guidelines

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In the original publication of this article, the Table 1 has been published in a low resolution. Now a larger version of Table 1 is published in this correction. The publisher apologizes for the error made during production.

The original article can be found online at <https://doi.org/10.1007/s11023-020-09517-8>.

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Table 1 Overview of AI ethics guidelines and the different issues they cover

	The European Commission's High-Level Expert Group on Artificial Intelligence	Report on the Future of Artificial Intelligence	Beijing AI Principles	OECD Recommendation of the Council on Artificial Intelligence	The Malicious Use of Artificial Intelligence	AI4people	The Asilomar AI Principles	AI Now 2016 Report	AI Now 2017 Report
authors	(Pekka et al. 2018)	(Holdren et al. 2016)	(Beijing Academy of Artificial Intelligence 2019)	(Organisation for Economic Co-operation and Development 2019)	(Brundage et al. 2018)	(Floridi et al. 2018)	(Future of Life Institute 2017)	(Crawford et al. 2016)	(Campolo et al. 2017)
key issue	AI principles of the EU	AI principles of the US	AI principles of China	AI principles of the OECD	analysis of abuse scenarios of AI	meta-analysis about principles for the beneficial use of AI	large collection of different principles	statements on social implications of AI	statements on social implications of AI
privacy protection									
fairness, non-discrimination, justice									
accountability									
transparency, openness									
safety, cybersecurity									
common good, sustainability, well-being									
human oversight, control, auditing									
solidarity, inclusion, social cohesion									
explainability, interpretability									
science-policy link									
legislative framework, legal status of AI systems									
future of employment/worker rights									
responsible/intensified research funding									
public awareness, education about AI and its risks									
dual-use problem, military, AI arms race									
field-specific deliberations (health, military, mobility etc.)									
human autonomy									
diversity in the field of AI									
certification for AI products									
protection of whistleblowers									
cultural differences in the ethically aligned design of AI systems									
hidden costs (labeling, clickwork, content moderation, energy, resources)									
notes on technical implementations	yes, but very few	none	none	none	yes	none	none	none	none
proportion of women among authors (f/m)	(8/10)	(2/3)	ns	ns	(5/21)	(5/8)	ns	(4/2)	(3/1)
length (number of words)	16546	22787	766	3249	34017	8609	646	11530	18273
affiliation (government, industry, science)	government	government	science/ gov./ind.	government	science	science	science	science	science
number of ethical aspects	9	12	13	12	8	14	12	13	9

Table 1 (continued)

	Microsoft AI principles	ITU AI Policy Principles	Ethically Aligned Design: A Vision for Prioritizing Human Well-being with Autonomous and Intelligent Systems (first edition)	Ethically Aligned Design: A Vision for Prioritizing Human Well-being with Autonomous and Intelligent Systems (Version for Public Discussion)	OpenAI Charter	Montreal Declaration for Responsible Development of Artificial Intelligence	Principles for Accountable Algorithms and a Social Impact Statement for Algorithms	AI Now 2019 Report	AI Now 2018 Report
authors	(Microsoft Corporation 2019)	(Information Technology Industry Council 2017)	(The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems 2019)	(The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems 2016)	(OpenAI 2018)	(Abrassart et al. 2018)	(Diakopoulos et al.)	(Crawford et al. 2019)	(Whittaker et al. 2018)
key issue	short list of keywords for the ethical use of AI	brief guideline about basic ethical principles	detailed description of ethical aspects in the context of AI	detailed description of ethical aspects in the context of AI	several short principles for the ethical use of AI	code of ethics released by the Université de Montréal	principles of the FAT ML community	statements on social implications of AI	statements on social implications of AI
privacy protection									
fairness, non-discrimination, justice									
accountability									
transparency, openness									
safety, cybersecurity									
common good, sustainability, well-being									
human oversight, control, auditing									
solidarity, inclusion, social cohesion									
explainability, interpretability									
science-policy link									
legislative framework, legal status of AI systems									
future of employment/worker rights									
responsible/intensified research funding									
public awareness, education about AI and its risks									
dual-use problem, military, AI arms race									
field-specific deliberations (health, military, mobility etc.)									
human autonomy									
diversity in the field of AI									
certification for AI products									
protection of whistleblowers									
cultural differences in the ethically aligned design of AI systems									
hidden costs (labeling, clickwork, content moderation, energy, resources)									
notes on technical implementations	none	none	none	none	none	none	none	none	none
proportion of women among authors (f/m)									
length (number of words)									
affiliation (government, industry, science)									
number of ethical aspects									

Table 1 (continued)

	DeepMind Ethics & Society Principles	Artificial Intelligence at Google	Everyday Ethics for Artificial Intelligence	Partnership on AI	number of mentions
authors	(DeepMind)	(Google 2018)	(Cutler et al. 2018)	(Partnership on AI 2018)	
key issue	several short principles for the ethical use of AI	several short principles for the ethical use of AI	IBM's short list of keywords for the ethical use of AI	principles of an association between several industry leaders	
privacy protection					18
fairness, non-discrimination, justice					18
accountability					17
transparency, openness					16
safety, cybersecurity					16
common good, sustainability, well-being					16
human oversight, control, auditing					12
solidarity, inclusion, social cohesion					11
explainability, interpretability					10
science-policy link					10
legislative framework, legal status of AI systems					10
future of employment/worker rights					9
responsible/intensified research funding					8
public awareness, education about AI and its risks					8
dual-use problem, military, AI arms race					8
field-specific deliberations (health, military, mobility etc.)					8
human autonomy					7
diversity in the field of AI					7
certification for AI products					4
protection of whistleblowers					3
cultural differences in the ethically aligned design of AI systems					2
hidden costs (labeling, clickwork, content moderation, energy, resources)					2
notes on technical implementations	none	none	none	none	
proportion of women among authors (f/m)	ns	ns	(1/2)	ns	(55/77)
length (number of words)	417	882	4488	1481	
affiliation (government, industry, science)	industry	industry	industry	industry	
number of ethical aspects	6	6	6	8	

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