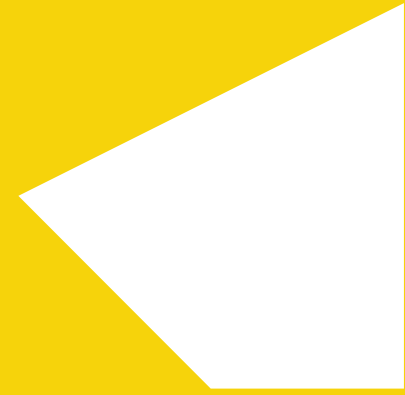


the embassy of good science



The VIRT2UE project has received funding from the European Union's Horizon 2020 research programme under grant agreement N 787580.



The varieties of goodness (the self declaration approach)



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Learning objectives

1. To understand the multidimensional nature of goodness
2. To understand how the different types of goodness are relevant and important to the work of a researcher
3. To relate the different types of goodness to RI ideals and issues
4. To reflect on one's own conceptions of goodness and their application in research



The question:

How many of you have the ambition of becoming *good* – really good – researchers and of excelling in your work as members of an academic environment?



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What makes a researcher a good one?

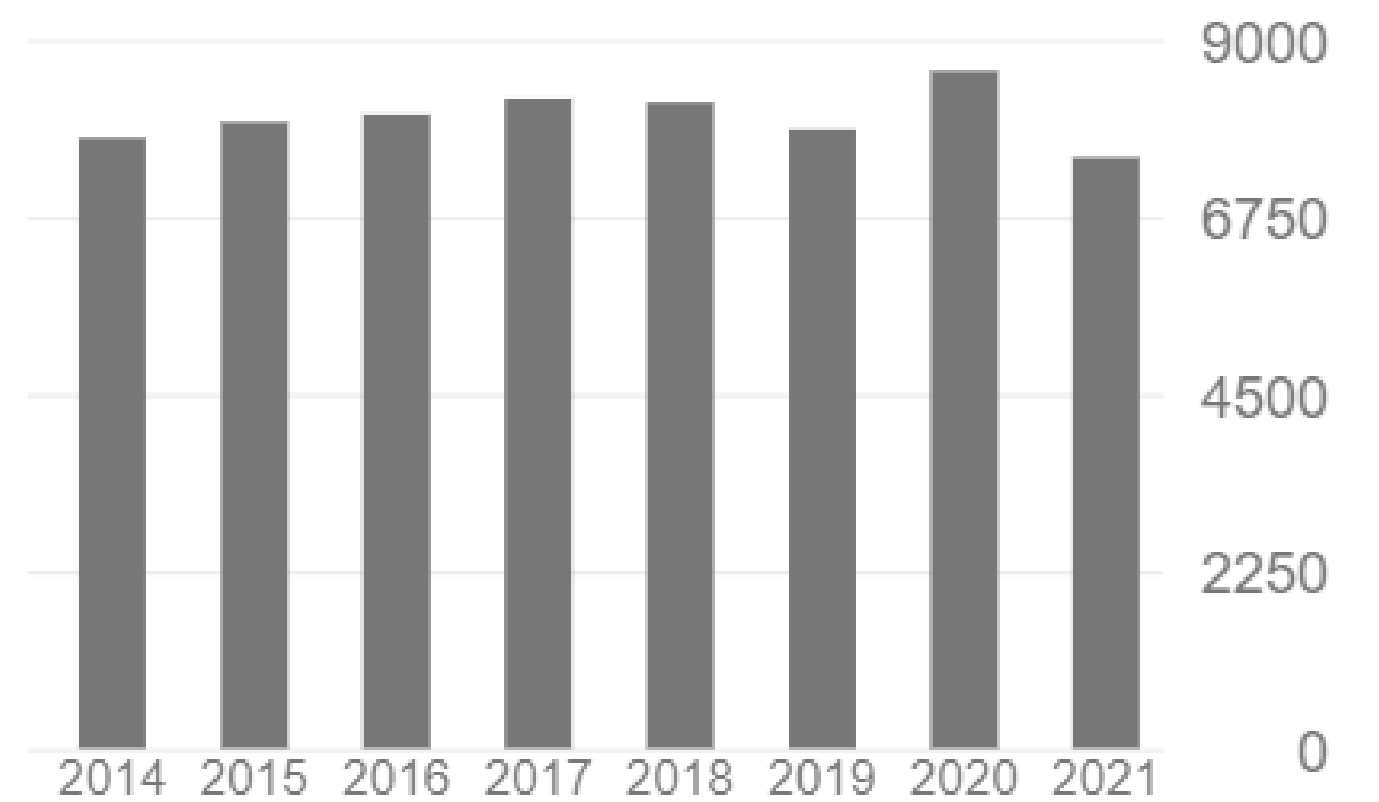


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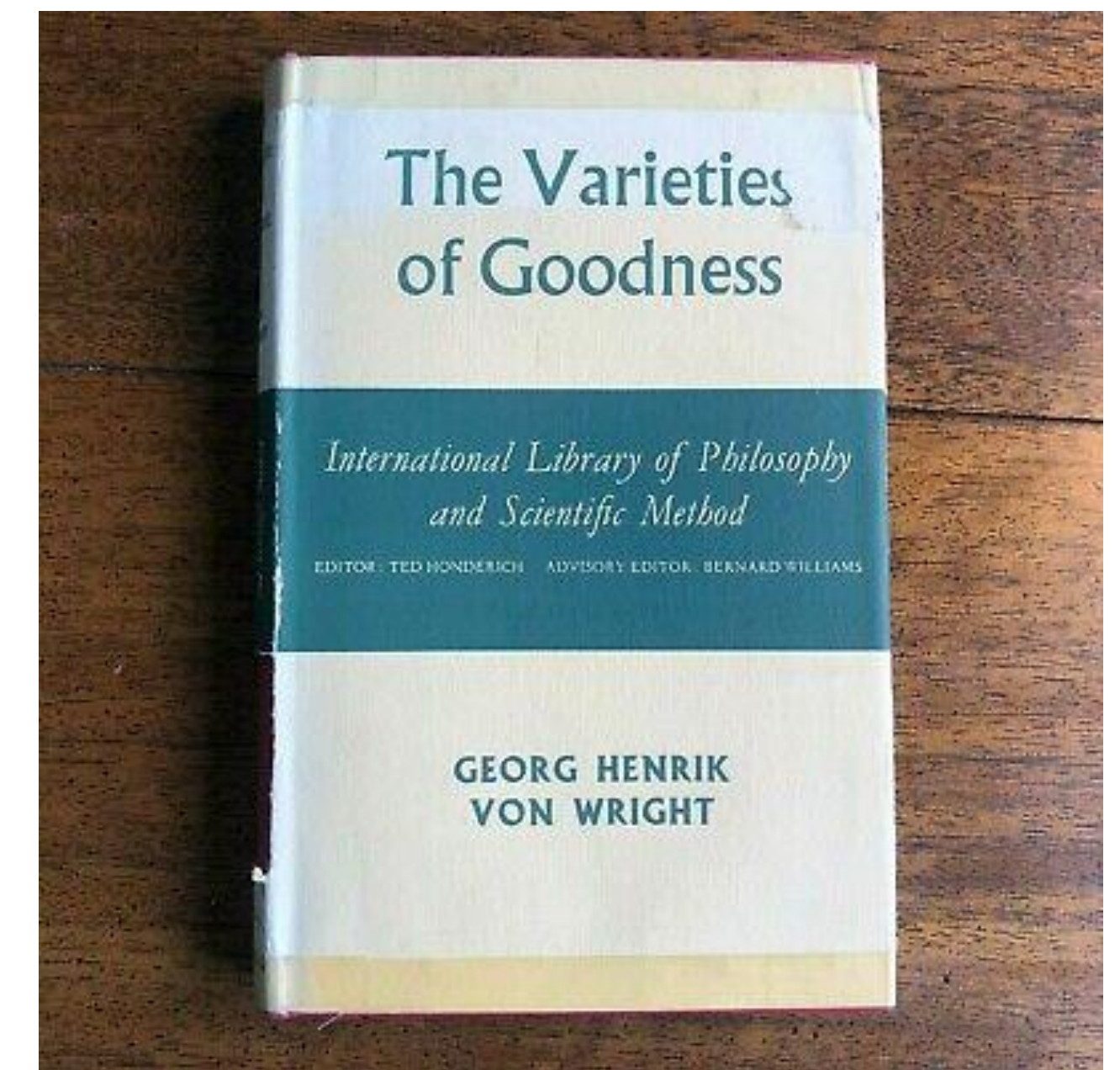
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The Varieties of Goodness

In his book, *The Varieties of Goodness*, the Finnish philosopher Georg Henrik von Wright advocates that a useful preliminary to the study of the word 'good' is to compile a list of familiar uses and try to group them under some main headings.



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1 Instrumental  knife,
hammer, road

2 Technical  Carpenter, chess player,
politician, teacher

3 Medical/
functional  lung, eyes, sight, teeth,
memory, head, heart

4 Hedonic  taste, smell, meal

5 Utilitarian/
beneficial  plan, opportunity,
advice, luck, news

6 Moral  person, act,
heart

Individual work

10 minutes

1. In your view, what characterizes a good researcher?
2. What characterizes good research?
3. What type of goodness is most relevant or prominent in your work environment and explain how is it expressed in your research/job?



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Work in groups

Groups of 3-5 people

30 minutes to discuss

1. Share with the group what you wrote in the individual work. Explain if you think your example exemplifies a certain type of goodness. Allow your groupmates to ask questions.
2. For each type of goodness, discuss with your group what can happen if a type of goodness is not present.
3. Is the lack of a certain type of goodness related to experiences of research integrity?
4. Are there varieties of goodness that are less relevant for research integrity?
5. Are virtues necessary to achieve each type of goodness?



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Discussion in plenary

1. How did the discussion go in the group? Were there difficulties in providing examples and were there disagreements?
2. Are there varieties of goodness that are less relevant for research integrity?
3. Are virtues necessary to achieve each type of goodness?



Examples of varieties of goodness from The European Code of Conduct

Instrumental Goodness:

2.3. Research Procedures

- Researchers take into account the state-of-the-art in developing research ideas.

Technical Goodness:

2.2 Training, Supervision and Mentoring

- Research institutions and organisations ensure that researchers receive rigorous training in research design, methodology and analysis.



Hedonic Goodness:

2.7. Publication and Dissemination

- Authors acknowledge important work and intellectual contributions of others, including collaborators, assistants, and funders, who have influenced the reported research in appropriate form, and cite related work correctly

2.1. Research Environment

- Research institutions and organisations reward open and reproducible practices in hiring and promotion of researchers.

Medical Goodness:

2.4. Safeguards

- Researchers have due regard for the health, safety and welfare of the community, of collaborators and others connected with their research.



Utilitarian Goodness

2.7. Publication and Dissemination

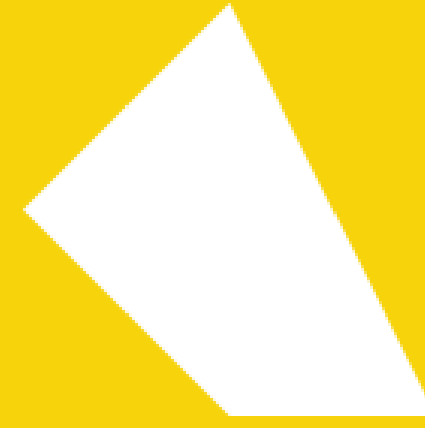
- Authors ensure that their work is made available to colleagues in a timely, open, transparent, and accurate manner, unless otherwise agreed, and are honest in their communication to the general public and in traditional and social media

Moral Goodness

2.4. Safeguards

- Researchers handle research subjects, be they human, animal, cultural, biological, environmental or physical, with respect and care, and in accordance with legal and ethical provisions.





Questions?



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Thank you



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