

## Cambridge Elements =

Elements in the Philosophy of Science edited by Robert Northcott Birkbeck, University of London Jacob Stegenga University of Cambridge

# RELATIVISM IN THE PHILOSOPHY OF SCIENCE

Martin Kusch
University of Vienna





## **CAMBRIDGE**UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom One Liberty Plaza, 20th Floor, New York, NY 10006, USA 477 Williamstown Road, Port Melbourne, VIC 3207, Australia 314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

79 Anson Road, #06–04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org Information on this title: www.cambridge.org/9781108969611 DOI: 10.1017/9781108979504

© Martin Kusch 2020

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2020

A catalogue record for this publication is available from the British Library.

ISBN 978-1-108-96961-1 Paperback ISSN 2517-7273 (online) ISSN 2517-7265 (print)

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



### Relativism in the Philosophy of Science

Elements in the Philosophy of Science

DOI: 10.1017/9781108979504 First published online: December 2020

Martin Kusch
University of Vienna

Author for correspondence: Martin Kusch, martin.kusch@univie.ac.at

Abstract: "Relativism versus absolutism" is one of the fundamental oppositions that have dominated reflections about science for much of its (modern) history. Often these reflections have been inseparable from wider social-political concerns regarding the position of science in society. Where does this debate stand in the philosophy and sociology of science today? And how does the "relativism question" relate to current concerns with "post-truth" politics? In Relativism in the Philosophy of Science, Martin Kusch examines some of the most influential relativist proposals of the last fifty years and the controversies they have triggered. He argues that defensible forms of relativism all deny that any sense can be made of a scientific result being absolutely true or justified, and that they all reject "anything goes" – that is, the thought that all scientific results are epistemically on a par. Kusch concludes by distinguishing between defensible forms of relativism and post-truth thinking.

**Keywords:** relativism, Bas van Fraassen, sociology of knowledge, Barry Barnes, David Bloor, voluntarism

© Martin Kusch 2020

ISBNs: 9781108969611 (PB), 9781108979504 (OC) ISSNs: 2517-7273 (online), 2517-7265 (print)



### **Contents**

1	Introduction	1
2	What Is Relativism?	1
3	Kuhn, Feyerabend, Perspectivism, Pluralism	10
4	Epistemic Voluntarism and Relativism	19
5	Relativism in the Sociology of Scientific Knowledge	41
6	Relativism and Post-Truth	64
	References	70