

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

103 Penang Road, #05–06/07, Visioncrest Commercial, Singapore 238467

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/9781108423564

DOI: 10.1017/9781108528825

© National Institutes of Health 2022

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 2022

Printed in the United Kingdom by TJ Books Ltd, Padstow Cornwall

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

Library of Congress Cataloging-in-Publication Data

Names: P. Fay, Michael, author. | Brittain, Erica H., author.

Title: Statistical hypothesis testing in context : reproducibility, inference, and science /
Michael P. Fay and Erica H. Brittain.

Description: Cambridge, United Kingdom ; New York, NY, USA :
Cambridge University Press, 2022. | Series: Cambridge series in statistical and
probabilistic mathematics | Includes bibliographical references and index.

Identifiers: LCCN 2021044789 | ISBN 9781108423564 (hardback) |

ISBN 9781108437677 (paperback) | ISBN 9781108528825 (epub)

Subjects: LCSH: Statistical hypothesis testing. | BISAC: MATHEMATICS /
Probability & Statistics / General

Classification: LCC QA277 .P43 2022 | DDC 519.5/6—dc23/eng/20211117

LC record available at <https://lccn.loc.gov/2021044789>

ISBN 978-1-108-42356-4 Hardback

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.