

Contents

Introduction

Marcus Burkhardt, Daniela van Geenen, Carolin Gerlitz, Sam Hind, Timo Kaerlein, Danny Lämmerhirt, and Axel Volmar 9

I: Cultural Histories of Data

Film as the First Universal Data Medium

Kyle Stine 39

Film Box Office Charts and the Metadata of Culture

Liam Cole Young 61

II: Data Ethnography

Doing Data Ethnography:

A Moderated Conversation and Reflection

Emma Garnett, Minna Ruckenstein, Tommaso Venturini, and Malte Ziewitz in conversation with Daniela van Geenen and Danny Lämmerhirt 85

“Girls are like Glass”:

Situated Knowledges of Syrian Refugee Women on Datafication and Transparency

Araa Al Jaramani, Sandra Ponzanesi, and Gerwin van Schie 115

III: Digital Care

Everyday Curation?

Attending to Data, Records and Record Keeping in the Practices of Self-Monitoring

Kate Weiner, Catherine Will, Flis Henwood, and Rosalind Williams 141

User-Oriented Innovations:

On Cooperative Imagination Spaces in R&D Projects to Support Older Adults in Rural Areas with ICT and Sensor Technology

Claudia Müller and David Struzek 167

Managing Data, Managing Contradictions: Archiving and Sharing Ethnographic Data

Wolfgang Kraus and Igor Eberhard 185

Designing a Data Story:

An Innovative Approach for the Selective Care of Qualitative and Ethnographic Data

Gaia Mosconi, Helena Karasti, Dave Randall and Volkmar Pipek 207

IV: Datafied Mobilities

Mediating Affective Atmospheres through Public Wifi Infrastructure

Nathaniel O'Grady 233

Dashboard Design and Driving Data(fication)

Sam Hind 251

Algorithms Curate Data:

Four Perspectives on Data-Based Working Conditions, Using the Example of Route and Job Planning

Annelie Pentenrieder 271

Epilogue

Digitize Again Forever

David Ribes 291

Authors 301

