Online ResBaz 2.0

A model for collaborative, scalable and sustainable digital research skills delivery?

Matt Plummer, Centre for Academic Development, Victoria University of Wellington
Yvette Wharton & Laura Armstrong, Centre for eResearch, University of Auckland

ResBaz

What is ResBaz?

Research Bazaar (ResBaz) started at University of Melbourne (2015) and is now a worldwide festival promoting digital literacy within research

Institutionally hosted ResBaz are usually multi-day cohort events, equal parts digital skills workshops and social activities that build communities

ResBaz aims to empower researchers, particularly doctoral candidates, to make the most of digital tools and methods to solve problems and improve the research process, regardless of their field

ResBaz 2020 Pick &Mix

500+

37 sessions

24 short sessions - R for Social Scientists (82)
6 longer workshops
7 welcome, keystory, drop-in sessions

Drop-off/no-shows - 34% (range 10-66%)

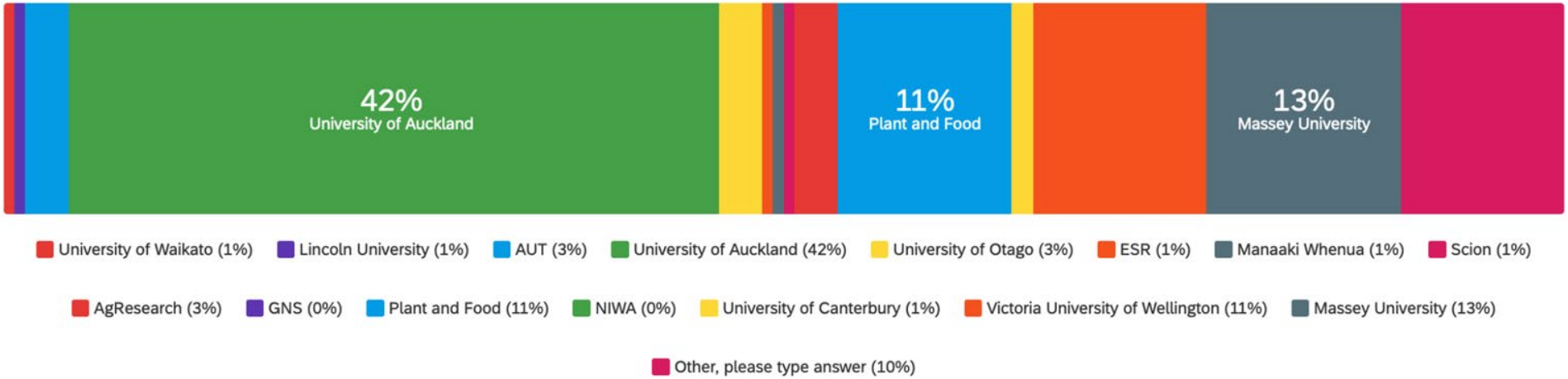
Building on success and addressing constructive feedback

- LIKED: Zoom/online. Variety of topics/sessions. Presenters. Flexibility. Diversity of participants. Interactive. Free.

- WANTED: Longer, more interactive sessions. Record & share slides. ~~Booking system.~~ Promotion/awareness. Presenters supported for online delivery. Increase capacity of sessions. Skills focus.

ResBaz Aotearoa 2021 - attendance

5146 session registrations (incl. waitlisted)
1278 individuals attended a live session
500+ accessed post-event slides and recordings
36% no-show
80% new to ResBaz



ResBaz Aotearoa 2021 - instructors/presenters

58 contributors

- hosts, session leads, co-instructor, helpers
- team approach
- cohort of 8 paid postgraduates

Instructors

- training and practice
- consistent look, housekeeping, and platforms
- experienced host/co-instructors
- slack channels for instructors and sessions

Sessions

49 - 26 taster/demonstration (1hr), 23 practical workshops (2-3hr)

Becoming a Data Scientist 101 : 33
Building a Website with WordPress : 84 &126
Collecting sensitive survey data with Qualtrics : 92
Creating Professional LaTeX Reports Without Losing Hair : 85
Data Analysis with Jupyter Notebooks : 137
Design 101: Presentations, Posters, and PowerPoints for Researchers : 290
Digital Storytelling with KnightLab : 34
Find, replace and manipulate big datasets: 84
Genomic data management: tips and tricks : 57
Genomics community: What skills do we need? : 44
GLAM workbench : 49
High performance computations with multithreading : 30
How can Python help your research? : 242
How to Make your Publications Open Access : 123
How to plan your research for real world impact : 129
Infographics and storytelling : 184
Introduction to command line : 117
Introduction to geospatial tools and manipulations in R : 89
Introduction to High Performance Computing with NeSI : 29
Introduction to Julia : 86
Introduction to OpenRefine : 92
Introduction to processing remote sensing data with Google Earth Engine : 83
Introduction to Qualtrics : 107
Introduction to R and RStudio : 99 &234
Machine Learning 101 : 197
Machine learning in Julia : 55
Managing References with Zotero : 63 &152
Māori and Pacific researchers: Reimagining relationality with digital tools : 73
Nvivo Showcase : 121
Open Source in Research : 67
Parallel programming with MPI : 29
Publication Ready Figures (with Python, Matplotlib and Seaborn) : 169
Python for image manipulation and repeatable research pipelines : 110
ResBaz dropin clinic : n/a
Research Compute - overview of University of Auckland options : 26
Research computing with Rust programming language : 57
Research data collection &surveys with REDCap - an overview: 88
Research Data Management (Part 1) - Planning, organising and storing : 275
Research Data Management (Part 2) - Sharing, archiving and publishing : 209
Research Portfolio website (using GitHub) : 38
Stop paying for free software: Creating a LaTeX pipeline for collaboration : 47
Tidy data: an introduction : 185
Tidyverse: Key tips for existing R users : 120
Version control for doc…: 37
Working with social media data? : 115

Feedback

“I liked how relevant the topics were to my research, they were pitched at just the right level, and I enjoyed the hands-on component”

“Intro to R was amazing”

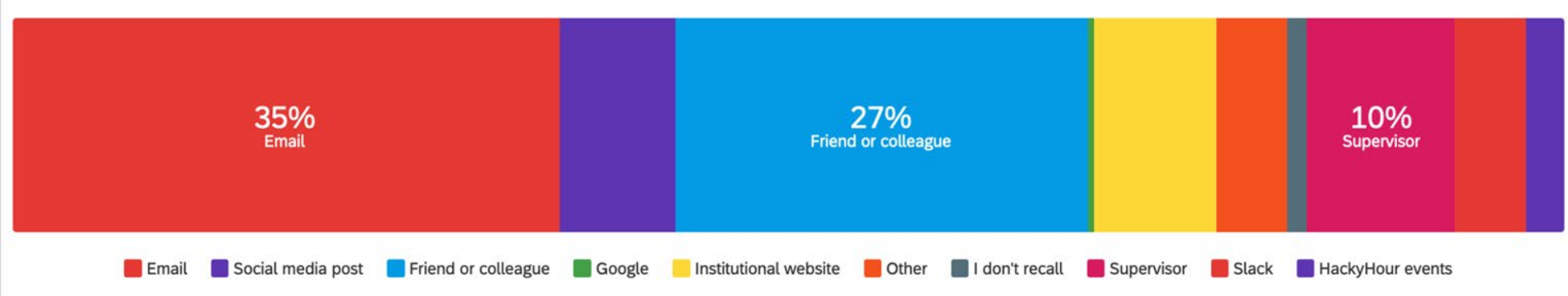
“A great range of interesting topics but you could just attend the ones relevant to you. The speakers were engaging and professional, managing a large group very well.”

“Relaxed atmosphere to learning, instructors were clear and easy to follow, presentation was superbly organised”

Online. Well prepared. Easy to participate. Variety. Flexibility. Free.

Next time

- Welcome to ResBaz? recorded session
- Communication - earlier, wider, and future focus on supervisors

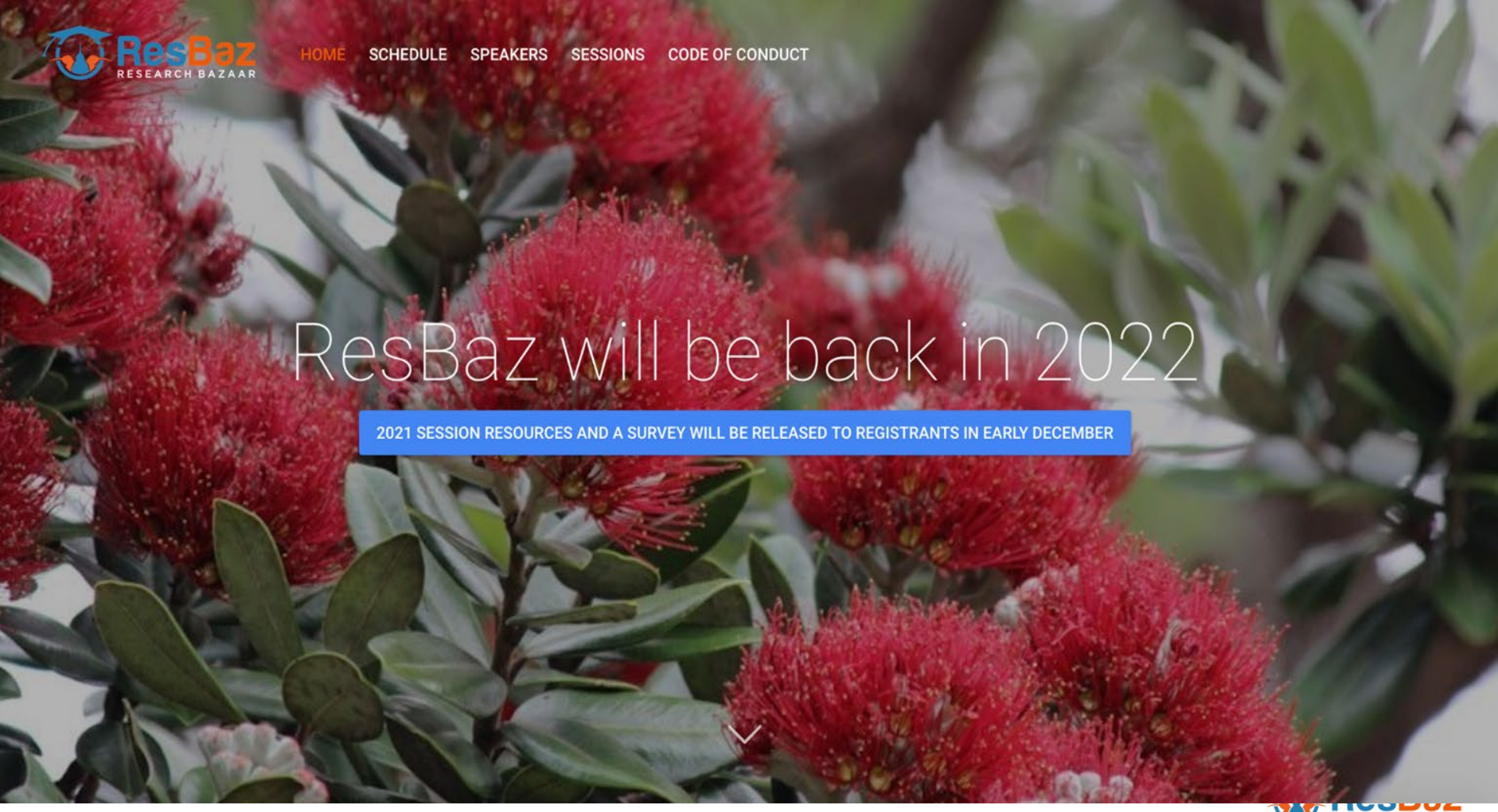


- Ask the community earlier?
- In-person, social session, networking.
- R. Python. Database design. AI. Presentation skills. How to write PhD. …

A model for collaborative, scalable and sustainable digital research skills delivery?

- Data Communities - genomics, social media, geospatial, and Maori & Pacific
- Collaboration and camaraderie
- Tool stack - Google Drive, slack, Zoom, padlet
- MBIE funded Data Science Platform: Beyond Prediction
- Digital Humanities Australasia - DHA 2021 x-over
- Investing in amazing instructors - succession

Yes, we think so.


ResBaz
RESEARCH BAZAAR
HOME
SCHEDULE
SPEAKERS
SESSIONS
CODE OF CONDUCT
ResBaz will be back in 2022
2021 SESSION RESOURCES AND A SURVEY WILL BE RELEASED TO REGISTRANTS IN EARLY DECEMBER