

Christopher B. Eaker, University of Tennessee Libraries (ceaker@utk.edu)  
 Andrea L. Ogier, Virginia Tech Libraries (alop@vt.edu)

## Formats, Delivery Methods, and Curricula

Name	Hours of Instruction	Attendance	Location	Format	Curriculum
Data Management Basics Workshop	8	12	University of Tennessee, Knoxville	Live Lecture at 1 Site	New England Collaborative Data Management Curriculum <sup>1</sup>
Data Management Bootcamp	20	30 @ VT	Virginia Tech + 5 other Virginia Universities	Teleconferenced Lectures at 7 Sites	Developed by Presenters

### Data Management Basics Workshops Assessments (Selected Results)

#### Pre-Workshop Assessment

How confident are you in your ability to manage data well?

#### On-site Assessment

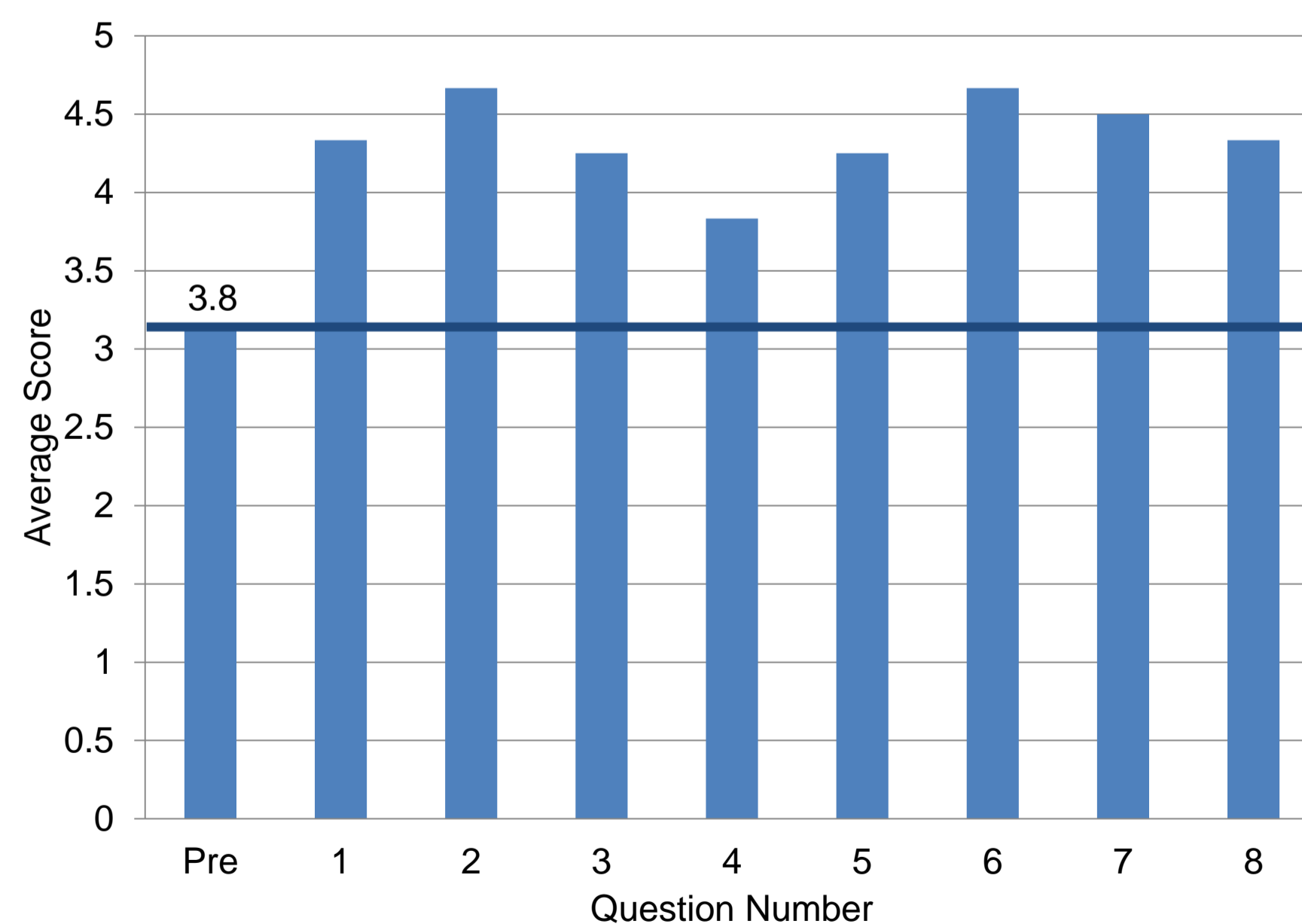
How well did this workshop:

- prepare you to explain what research data is?
- prepare you to explain the need for managing/sharing research data and identify relevant public policies?
- prepare you to explain the life cycle continuum to manage and preserve research data?
- help you to understand that data should be managed differently in different phases of the life cycle?
- familiarize you with the data management plan requirements used to characterize and plan for the life cycle of research data?
- prepare you to identify the value and relative importance of data management to the success of a research project?

And two general questions:

- How well did the objectives of this workshop meet your expectations for what you need to learn regarding data management?
- How useful/relevant are the instructional materials to your learning needs?

Assessment Results



N = 12  
5-point Likert Scale

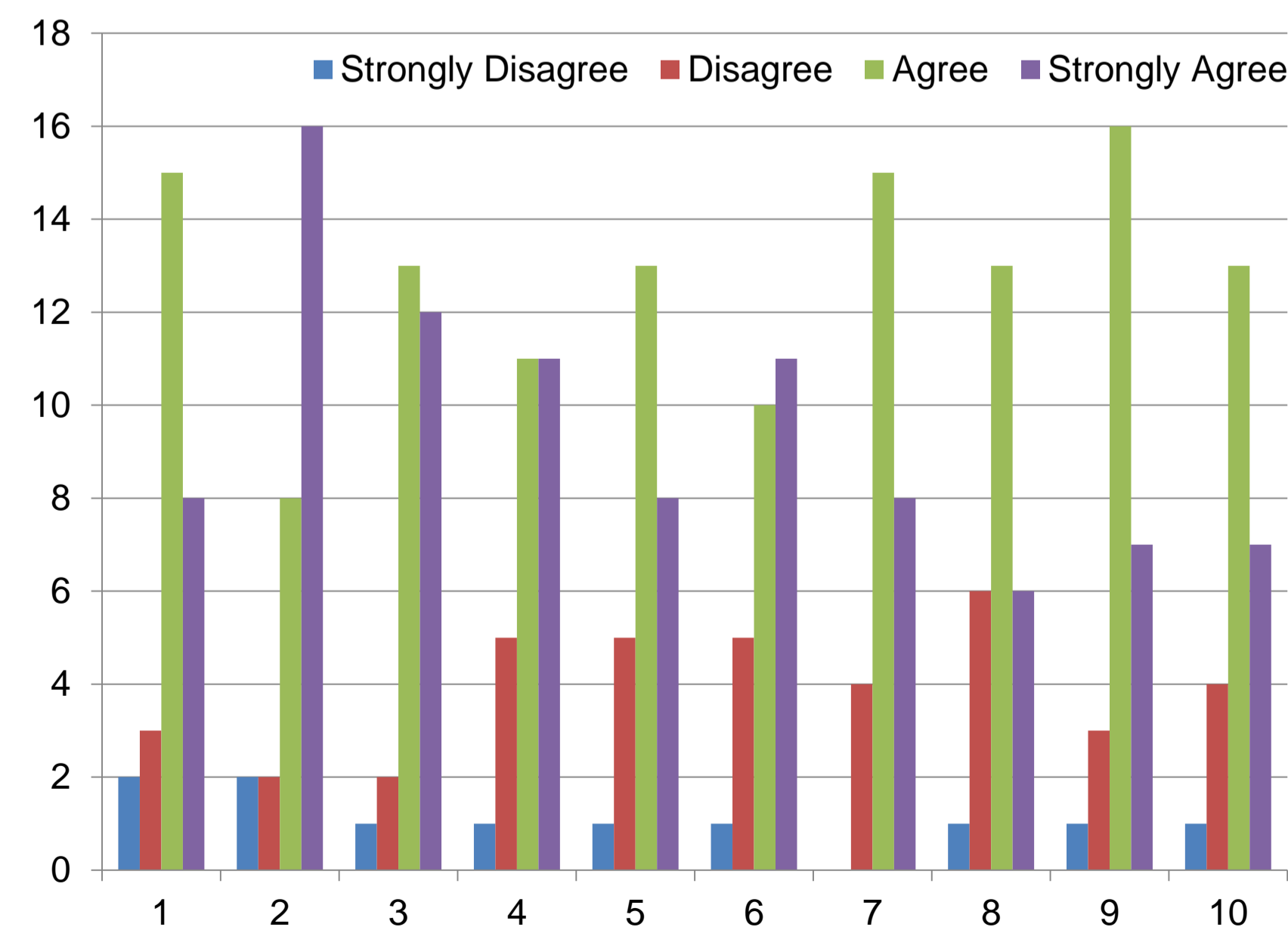


Important Considerations For Planning a Workshop at Your Institution			
<b>Length</b>		<b>Format</b>	
<b>Short workshops</b> <ul style="list-style-type: none"> <li>Easier to plan and deliver</li> <li>Good for overviews of topics</li> <li>Can be part of a series</li> <li>Can be easily repeated</li> <li>More mobile in terms of scheduling</li> </ul>	<b>Long workshops</b> <ul style="list-style-type: none"> <li>More difficult to deliver</li> <li>Greater depth of material</li> <li>Needs more coordination</li> <li>May lose participants or lead to participant burnout</li> </ul>	<b>Single-site Workshop</b> <ul style="list-style-type: none"> <li>Easier to coordinate</li> <li>More control over content</li> <li>Potentially more resource-intensive for single site</li> </ul>	<b>Multi-site Workshop</b> <ul style="list-style-type: none"> <li>More difficult to coordinate</li> <li>Compromises over content</li> <li>Resource-efficient for each site</li> </ul>
<b>Curriculum</b>		<b>Assessment</b>	
<b>Developed already</b> <ul style="list-style-type: none"> <li>Easy to plan and deliver</li> <li>Could be easily modified to meet unique needs</li> </ul>	<b>Custom designed</b> <ul style="list-style-type: none"> <li>Potentially more relevant to audience</li> <li>More time consuming to create</li> </ul>	<b>Repeated single-event</b> <ul style="list-style-type: none"> <li>Can track evaluations across multiple instances of repeated event leading to better longitudinal data</li> </ul>	<b>Unique-event</b> <ul style="list-style-type: none"> <li>Customizable for a particular audience group</li> <li>Easy to accommodate changes to curriculum</li> </ul>

### Data Management Bootcamp Assessments (Selected Results)

I found the Data Management Bootcamp to be beneficial to my understanding of:

- Research Data
- Data Management Principles
- Data Organization
- Data Documentation and Metadata
- Data File Formats and Transformations
- Data Storage, Security and Encryption
- Grant Funding Agency Requirements
- Rights and Licensing of Research Data
- Human Subject Protection, Privacy and Confidentiality
- Data Preservation and Data Sharing

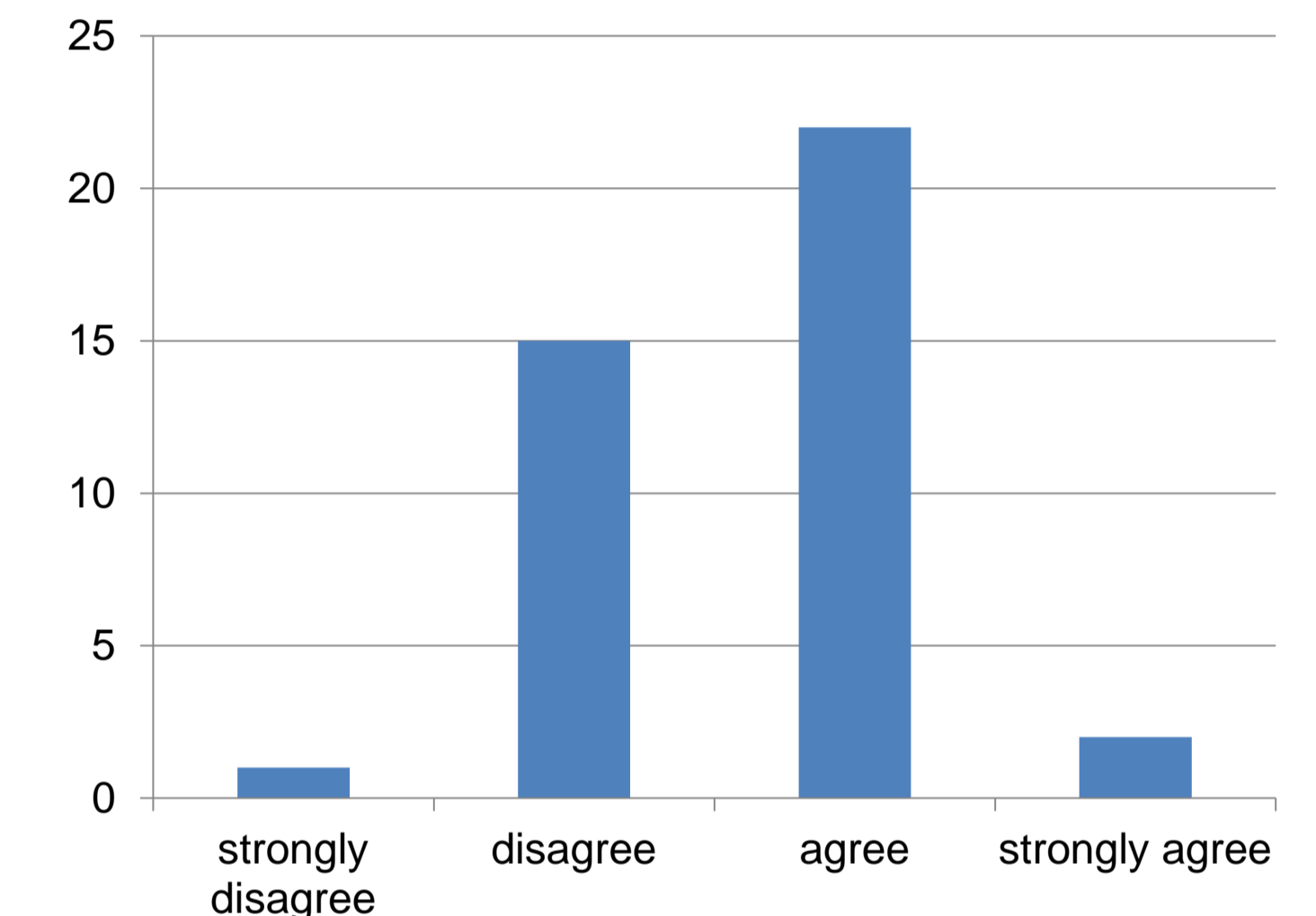


25 <= N <= 28  
4-point Likert Scale

### Data Management Bootcamp Assessments (Selected Results)

#### Pre-Bootcamp Assessment

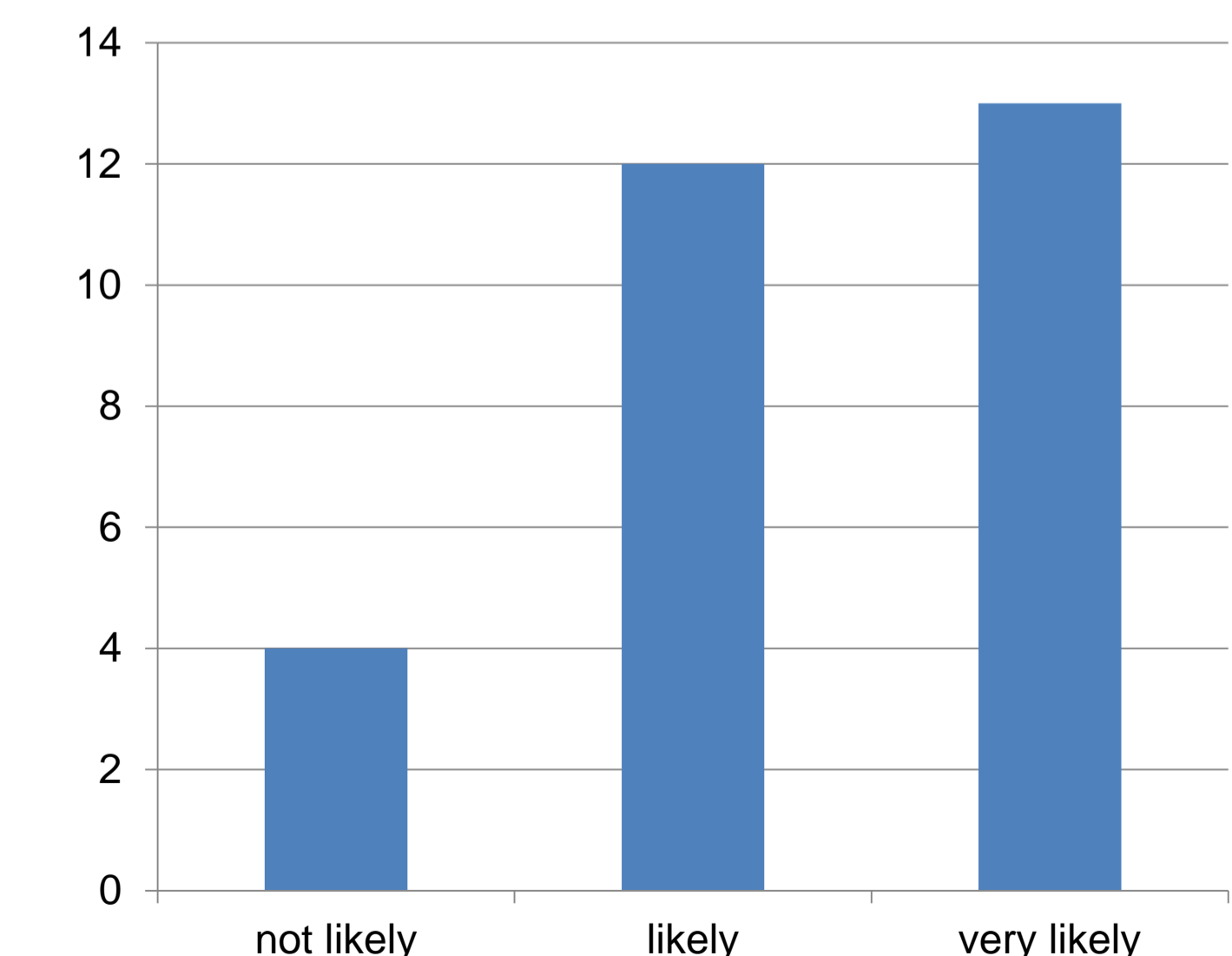
3. I am confident about my ability to manage my research data.



N = 40  
4-point Likert Scale

#### On-Site Bootcamp Assessment

6. Overall, how likely are you to recommend this training to your colleagues?



N = 29  
3-point Likert Scale



<sup>1</sup> <http://library.umassmed.edu/necdmc/index>