

Welcome Measurement Matters Partners!

October 30, 2025

11:00-1:00 pm CST





Meetings are recorded
for those who cannot
attend live.

Do we have your permission to record?

Agenda



1. Welcome & Housekeeping
2. Progress Update
3. Analysis Findings To Date
4. Analysis Discussion
5. Next Phases Discussion
6. Wrap Up

Please type the in the chat:

- Your Name
- Where you're joining from
- Something you love about fall

Project Timeline

Year 1



Literature Scan



Consensus Methods for Key Items



Focus Groups for Refining Items



Develop PCOR-EM



Cognitive Testing of PCOR-EM



Piloting of PCOR-EM

Year 2



Analyzing PCOR-EM Validity and Reliability



Reporting and Disseminating Findings

We are here!

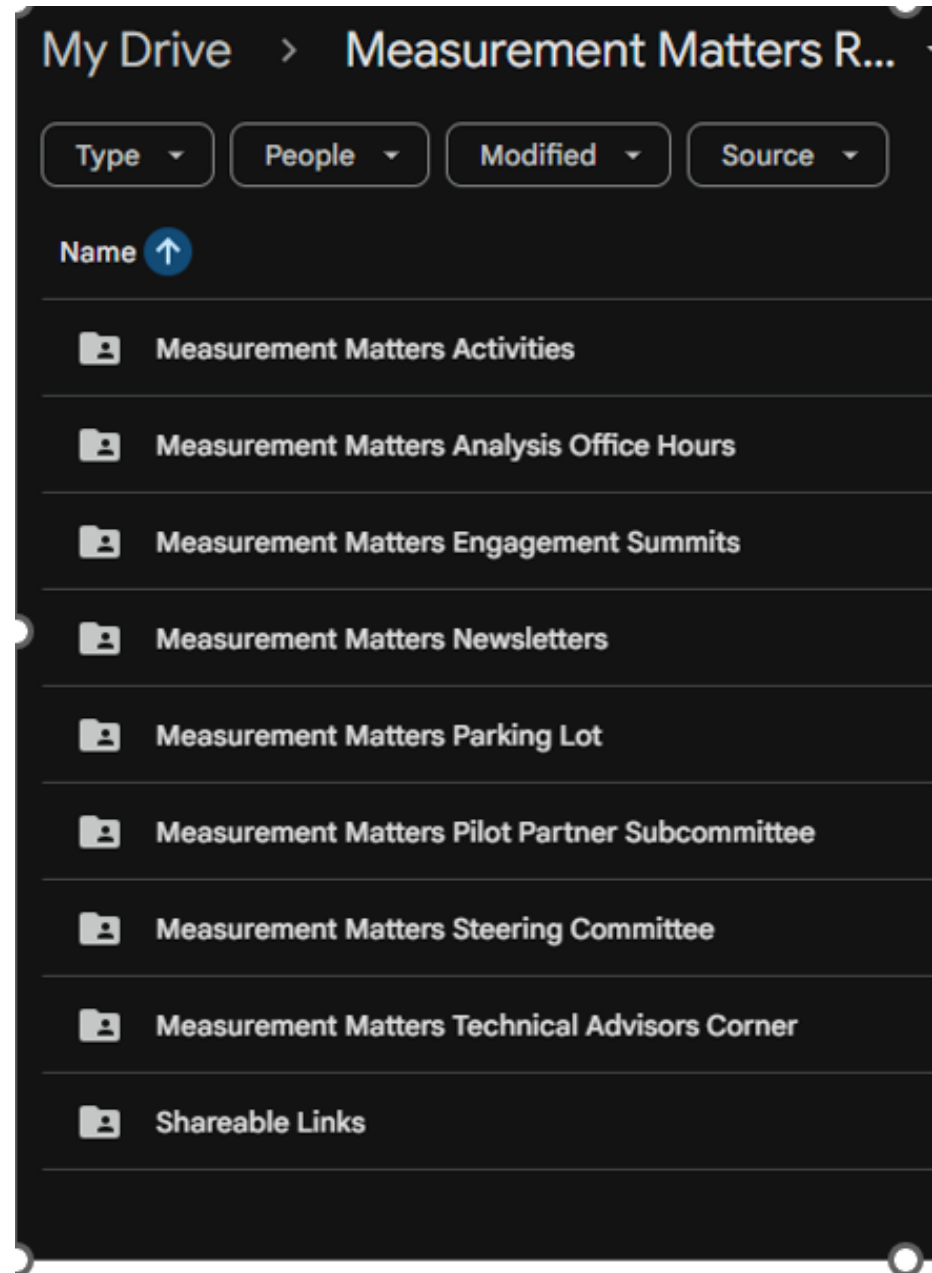


MM Resource Center

-All meeting materials

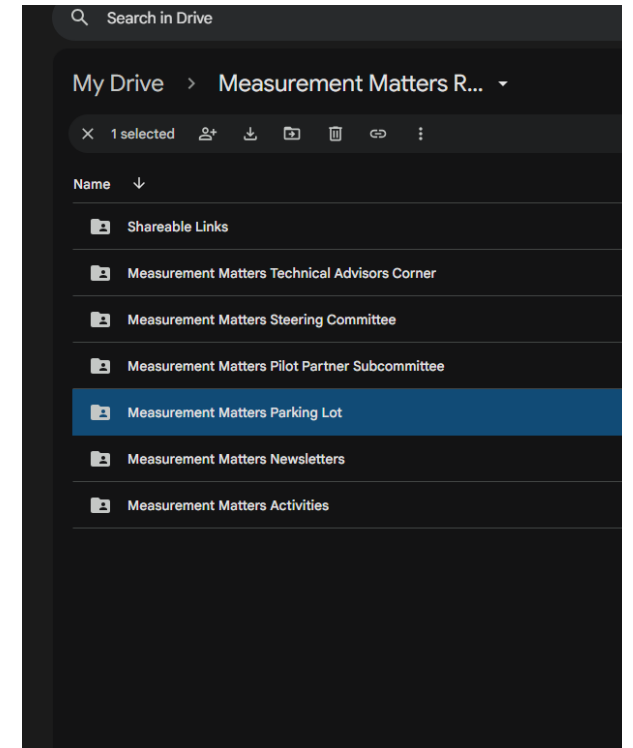
-Analysis logs

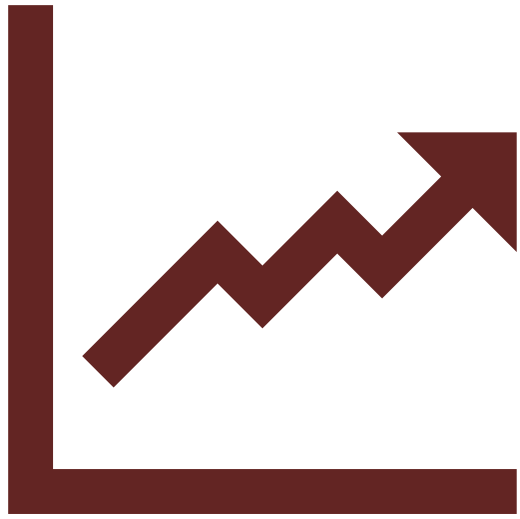
-Activity Reports



Measurement Matters Parking Lot

- **What is a Parking Lot?**
- **Do I have to Use the Parking Lot?**
- **How do I use the Parking Lot?**
 1. Enter the date & your initials
 2. Type your feedback
 3. Add a backslash to indicate the end of your thought





Progress Update



We achieved our goal of reaching 300 respondents (Thank You!)



Of these responses, 266 passed our criteria to be considered 'high quality'

Pilot Process



Activity Reports

Analysis Overview & Findings To Date



	Definitely Yes	Mostly Yes	Mostly No	Definitely No
Patient/community partners are engaged in the design of research questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research team has spent time talking to patient/community partners to inform research methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research timelines are influenced by engagement of patient/community partners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient/community partners and the research team communicate at least once per month during the project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patients/community partners have more than one way to access engagement meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting materials are shared with patients/community partners at least 48 hours before meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Individual and group conversations are available to patient/community partners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time is dedicated during meetings to allow for open discussion with patient/community partners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Survey Overview

Find the full [PCOR-EM](#) linked in the MM Resource Center

PCOR-EM Survey Overview

- 30 Items (survey questions)
- Likert Scale: Definitely Yes, Mostly Yes, Mostly No, Definitely No
- Items span the 7 domains identified in Year 1 qualitative activities





Create a reliable tool

(Each item is precise and there is precision across the tool)



Create a valid tool

(The tool measures what we want it to measure)



Create a usable tool

(A shorter tool respondents are likely to use)

Our Goals

Our Goals: Items are spread evenly across a range of difficulty

Super easy to do

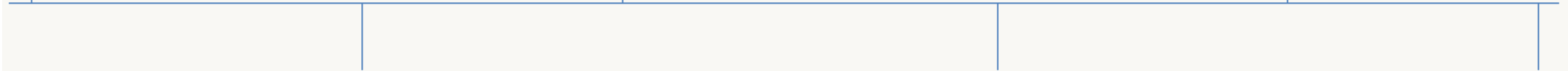
Mildly difficult to do

Very difficult to do

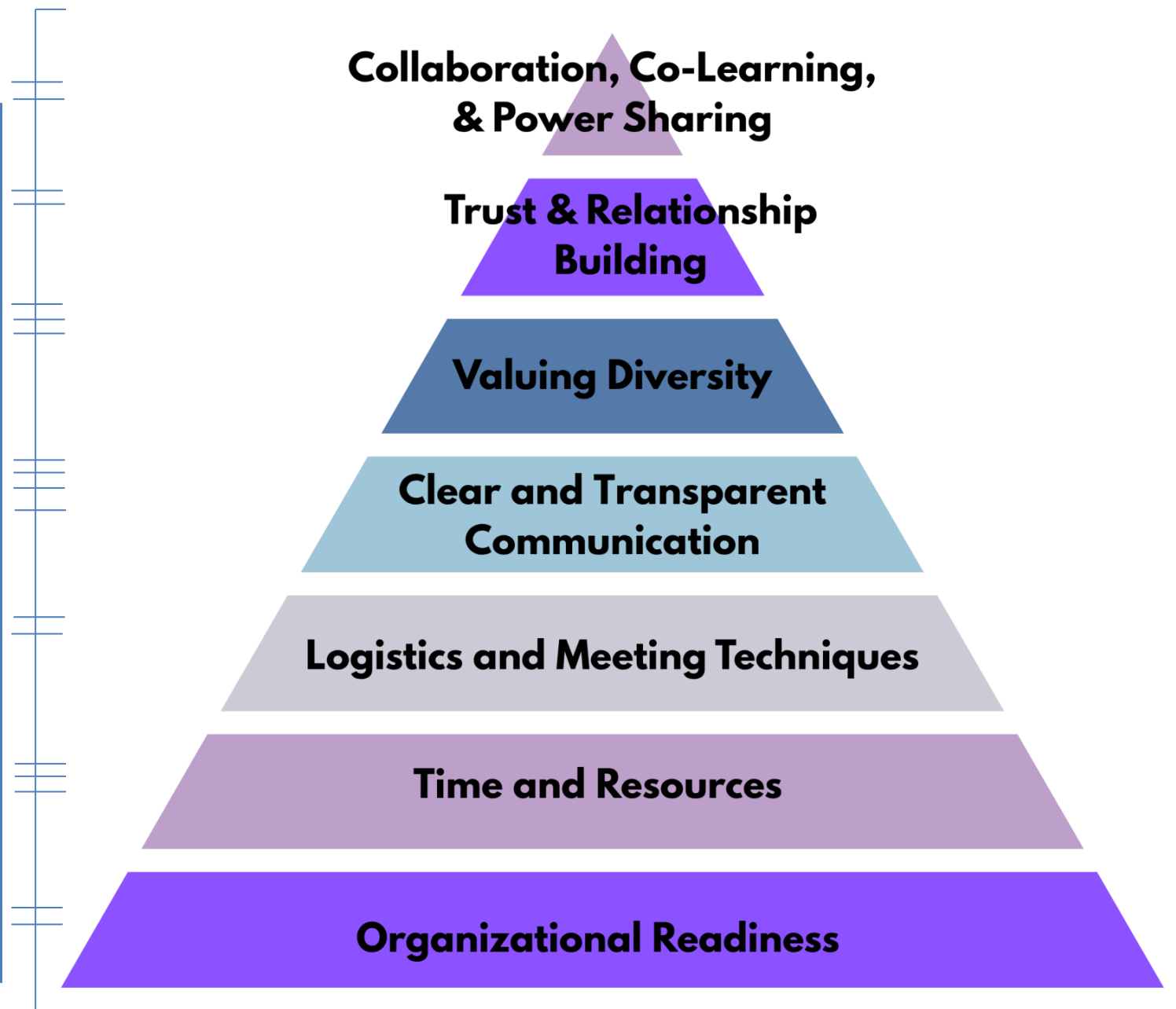
Pretty easy to do

Moderately difficult to do

The most difficult to do



Our Goals:
Items are
spread evenly
across the
domains



Let's Discuss!



So how do we get there? Analysis Steps:

We started by doing some basic checks-

- Are there any issues with missing data?
 - ✓ No! “missingness” was at 1-2% (beneath threshold of 5%)
- Is the concept unidimensional?
 - ✓ Yes! Through factor analysis, we learned that our tool seems to measure a single construct. That construct is “**engagement.**”

Analysis Office Hours Meetings:

Hosted **10 weekly** meetings to discuss analysis along the way

Find our progress documented in the [MM Resource Center](#)

Thank you for joining these meetings!

Analysis Steps:
Assessing
themes from
the qualitative
data

Funding & Resources

Item Clarity & Language

Training & Capacity Building

Response Options & Survey Design

Diversity & Representation

Accommodations & Accessibility

Tokenism & Power Dynamics

Contextual Factors

Analysis Steps: Assessing qualitative data key takeaways

Respondents identified areas to improve the survey:

- Unclear language/terms
- Concepts that may need elaboration or examples
- Gaps and challenges with answer options










Respondents identified factors that are critical to their engagement

- Factors that are important, but out of their control (i.e., funding)
- Factors that are important, but underprioritized (i.e., training)
- Factors that must shift to ensure meaningful engagement (i.e., tokenization)

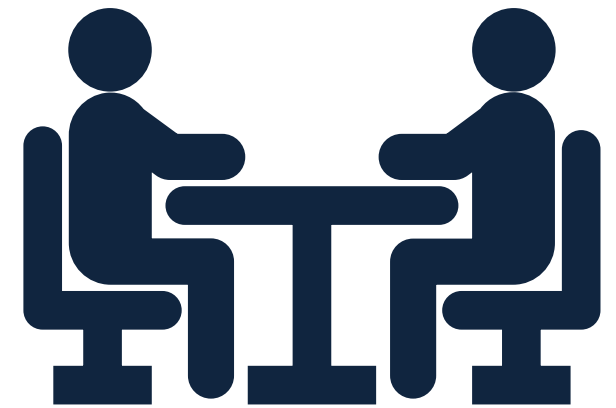


Let's Take a Break

Analysis Steps: Item Response Theory (IRT)

	Model 1	Model 2	Model 3
Response Category Groupings	Yes ---> Definitely yes, Mostly yes No ---> Mostly no, Definitely no	Yes ---> Definitely yes No ---> Mostly yes, Mostly no, Definitely no	Definitely yes Mostly yes Mostly no Definitely no
Number of items dropped	8 items	8 items	11 items
Precision			
Spread of Difficulty			
Coverage of Domains			

Let's Discuss!



Analysis Findings to Date

Model 3 chosen!

11 Items removed, 19 items remaining

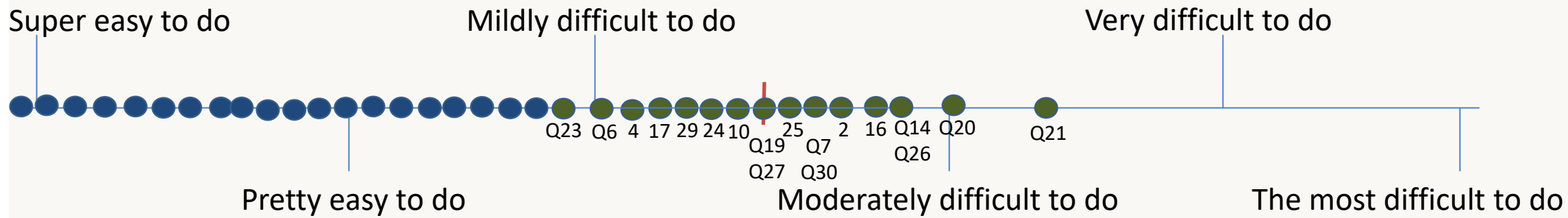
Why do we remove items?

- They are not very precise
- They do not fit the model
- They overlap with other items

Items Removed in Model 3

- **Item 3-** Engagement is happening because of a funder mandate
- **Item 5-** Research budget includes patient/community partner compensation or incentive
- **Item 8-** Written and verbal communication with communities is primarily available in one language
- **Item 9-** Procedures are in place to translate outreach materials into patient/community partner's preferred languages
- **Item 11-** There are some new individuals included as patient/community partners in the project
- **Item 12-** Written procedures are in place to address patient/community partners' accommodations needs
- **Item 13-** There is someone assigned to assist patient/community partners to address their accommodation needs
- **Item 15-** Patient/community partners have access to training or mentoring on topics to enhance the engagement process
- **Item 18-** Research timelines are influenced by engagement of patient/community partners
- **Item 22-** Individual and group conversations are available to patient/community partners
- **Item 28-** Actions that result from meetings with patient/community partners are documented and shared with meeting attendees

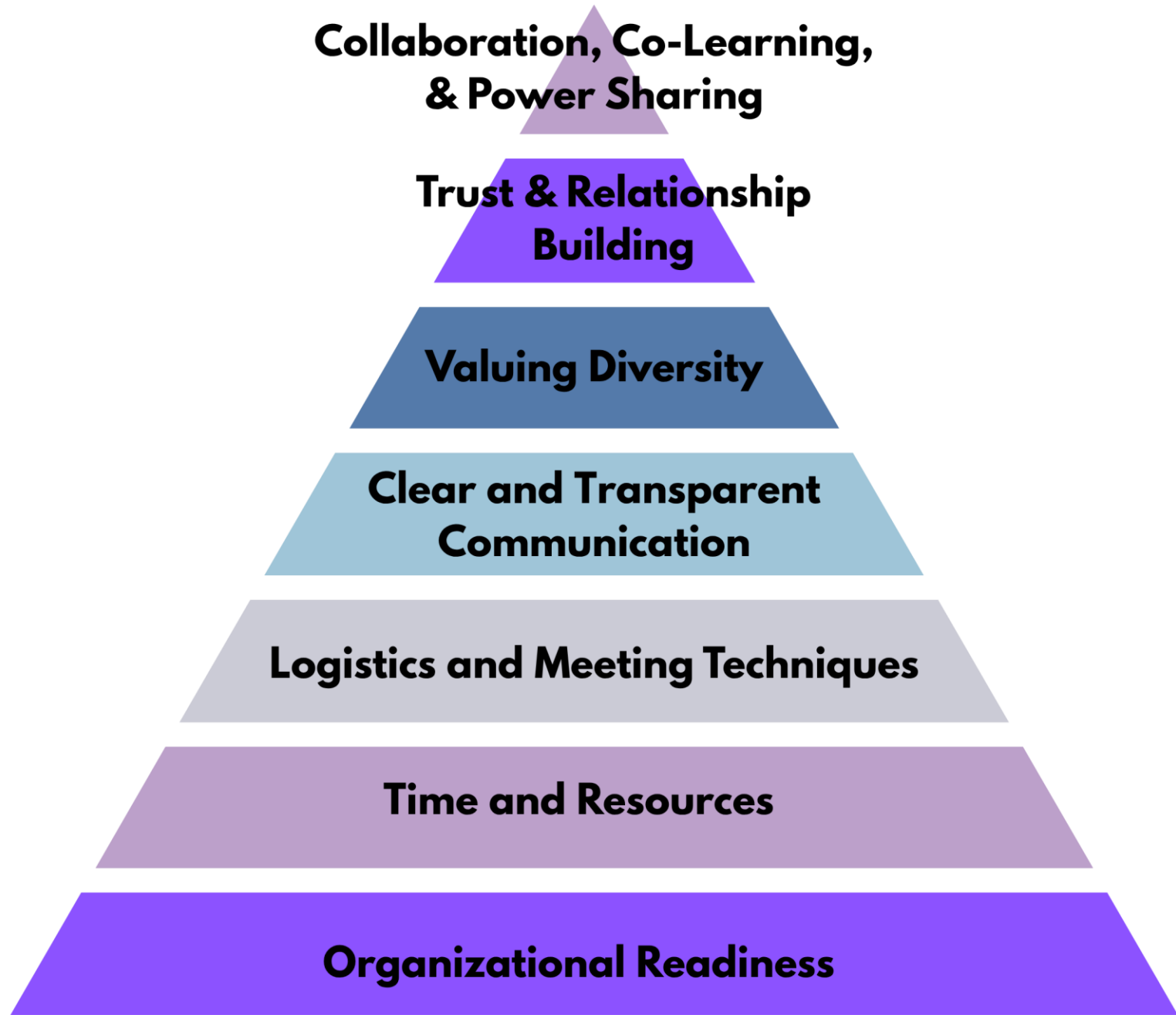
Findings to Date: Coverage across range of difficulty



Findings to Date: Item coverage across domains

Blue lines: Items not organized
elsewhere

Orange lines: Items organized
under multiple domains



Analysis Findings Considerations

- Items 3 and 8 consistently perform very poorly
- Certain items may require clarification due to issues with understanding terms like “accommodations” and “new individuals”
- Funding is important to people’s experience with engagement but is often out of their control, we need to deal with this in our tool
- Model 3 currently does not contain any accommodation or translation specific items

Let's Discuss!



Next Phases Discussion




Future Phase Opportunities

- **PCORI Letter of Intent (LOI)**

- Acceptance shared 10/21- **We are invited to submit a full proposal!**
- Continue informing this proposal, join the next Summit discussion

- **Opportunities to Engage**

- Continue in your current role (Steering Committee, TA, Subcommittee)
- Stay up to date via listserv and help us spread the word
- Join in on future qualitative activities



Look out for a survey from Sophia to indicate your interest!

Next Steps

- Please fill out our Meeting Evaluation Survey:

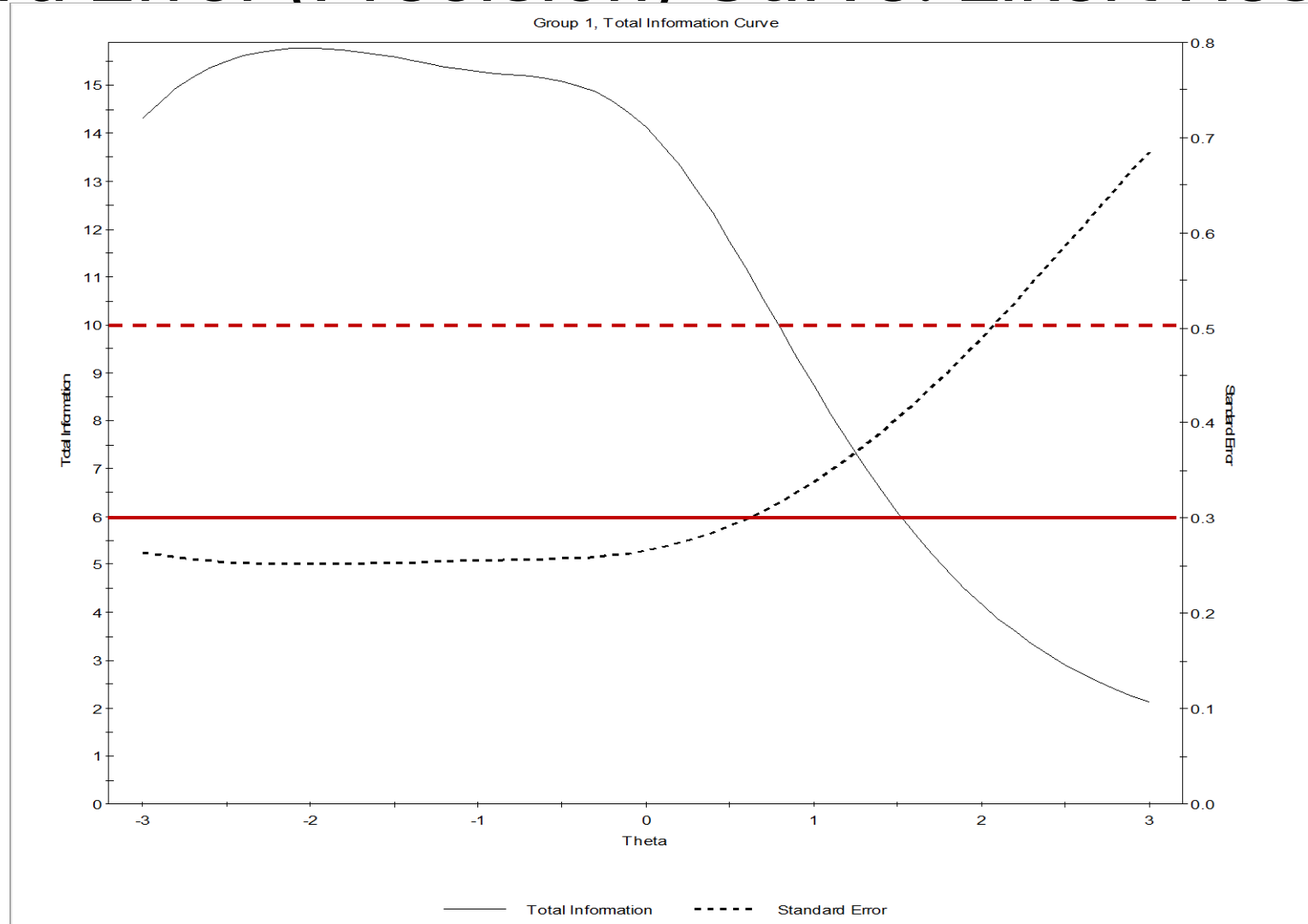
<https://www.surveymonkey.com/r/68GKPQV>

- Develop meeting notes
- Integrate all Summit input into analysis and dissemination process
- Schedule the next Engagement Summit
- Communicate about next phase engagement
- Integrate Summit input into PCORI Proposal, engage partners in proposal development

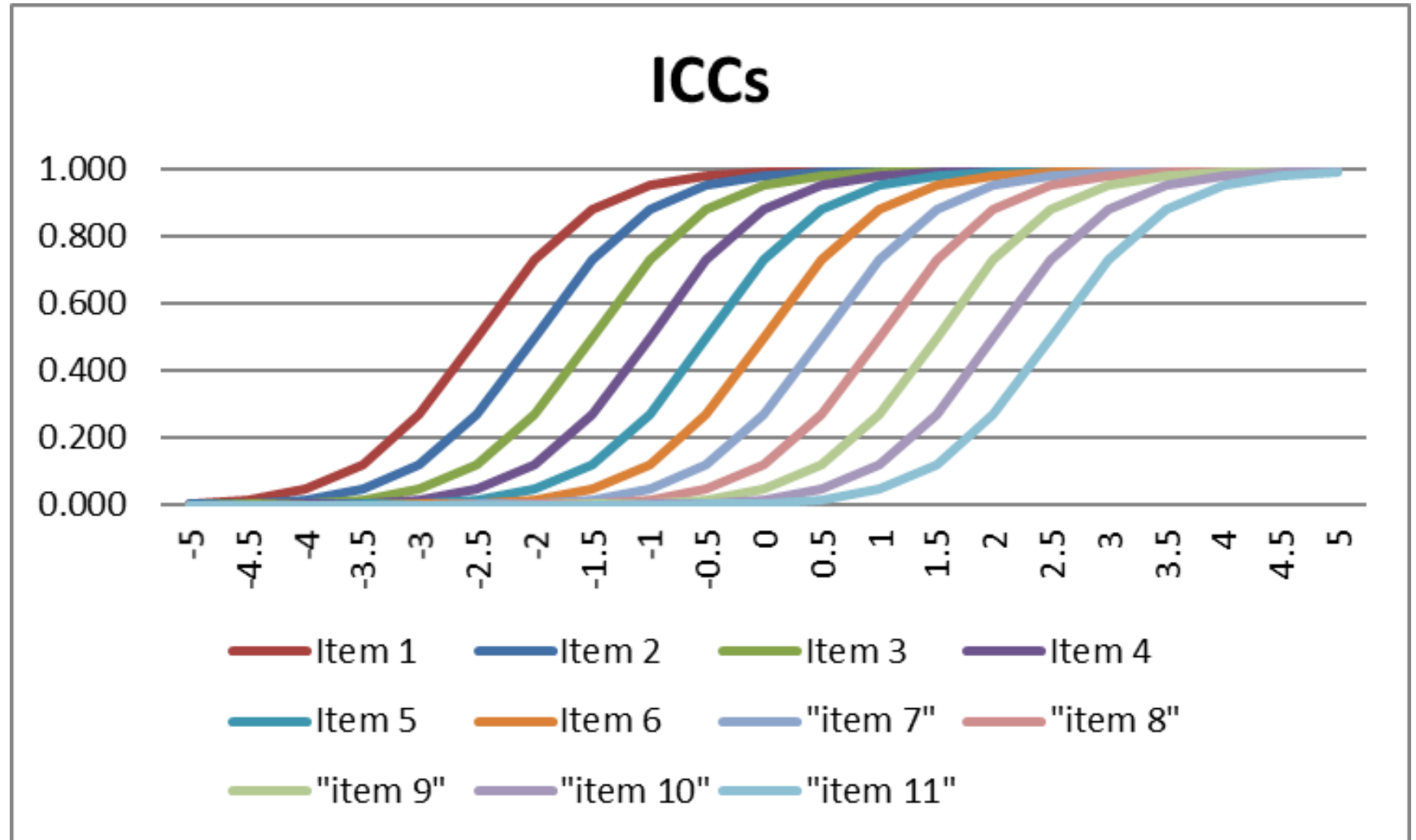


Model 3 (the model we are going with)

Standard Error (Precision) Curve: Likert Response



Ideal Item Trace Lines



Model 2 (we did not go with this model)

Standard Error (Precision) Curve: 2PL (hard yes)

