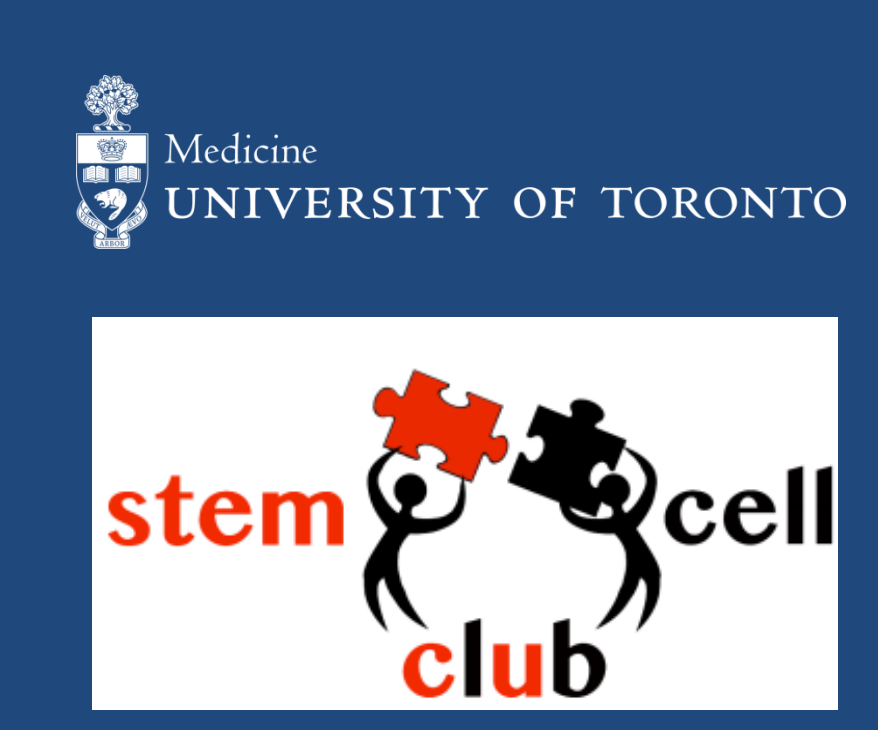


Stem Cell Club Training Resources: A Needs Assessment Survey



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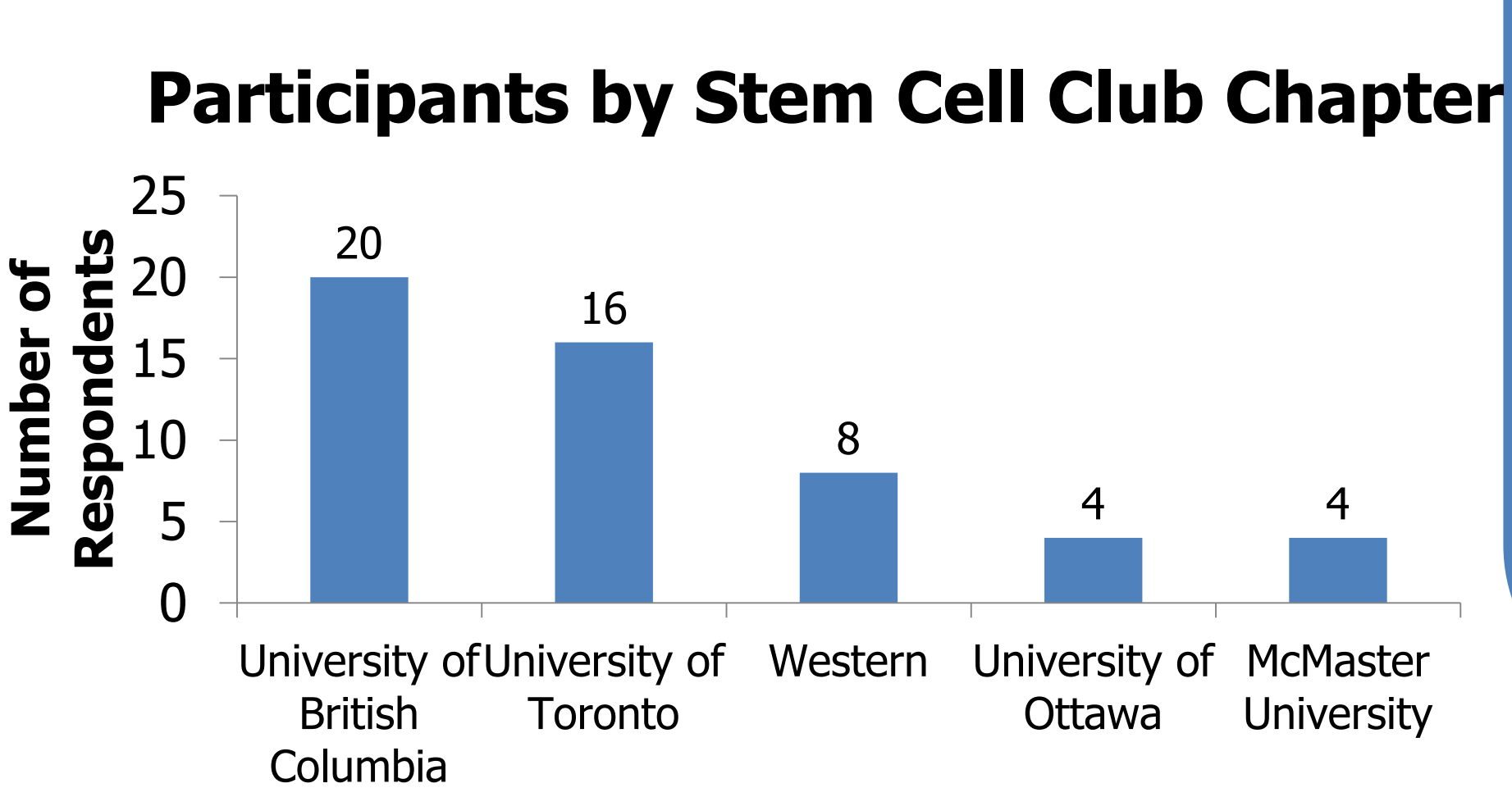
Introduction

- The Stem Cell Club is a federal non-profit founded in 2011 in Canada, aiming to improve the quantity and quality of membership on Canada's stem cell donor database
- In total, we have recruited 5025 potential donors at our ten chapters at university campuses across Canada
- We have trained over 500 medical, nursing, and undergraduate students as volunteers and leaders for our stem cell drives
- Our training resources include checklists for use at donor drives and a self-directed online training program featuring three modules: volunteering at, leading, and organizing a stem cell drive
- It is unclear how our trainees perceive these resources, and whether there are unmet training needs

Methods

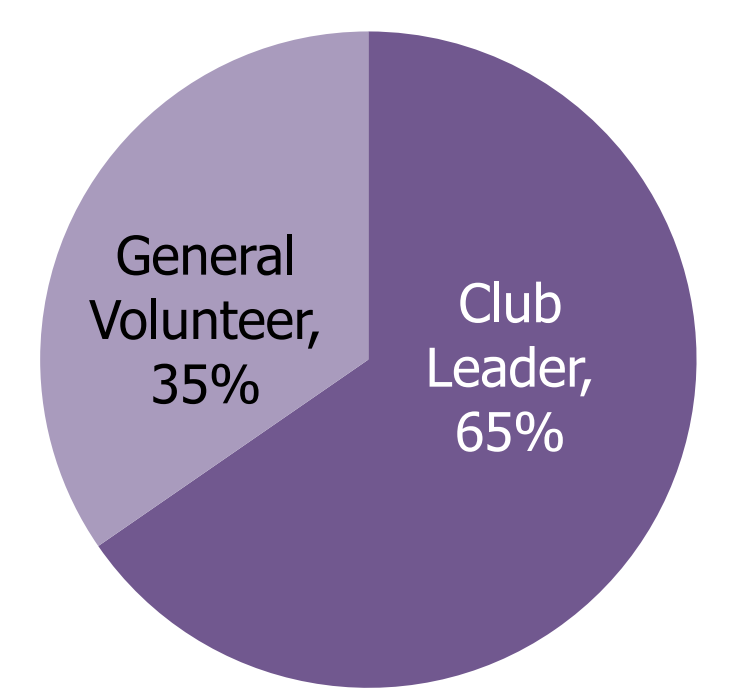
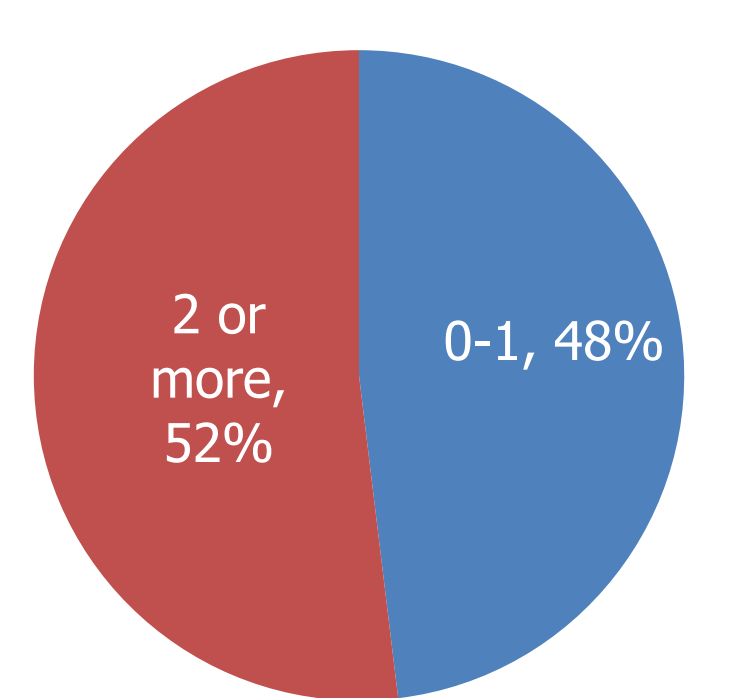
- A needs assessment survey was performed to determine whether existing Stem Cell Club training resources (checklists, online training modules) have been utilized, and whether additional learning resources are needed
- Stem Cell Club chapter presidents emailed leaders and volunteers at their respective campuses to complete the survey
- All survey questions employed a five-point Likert scale

Demographics

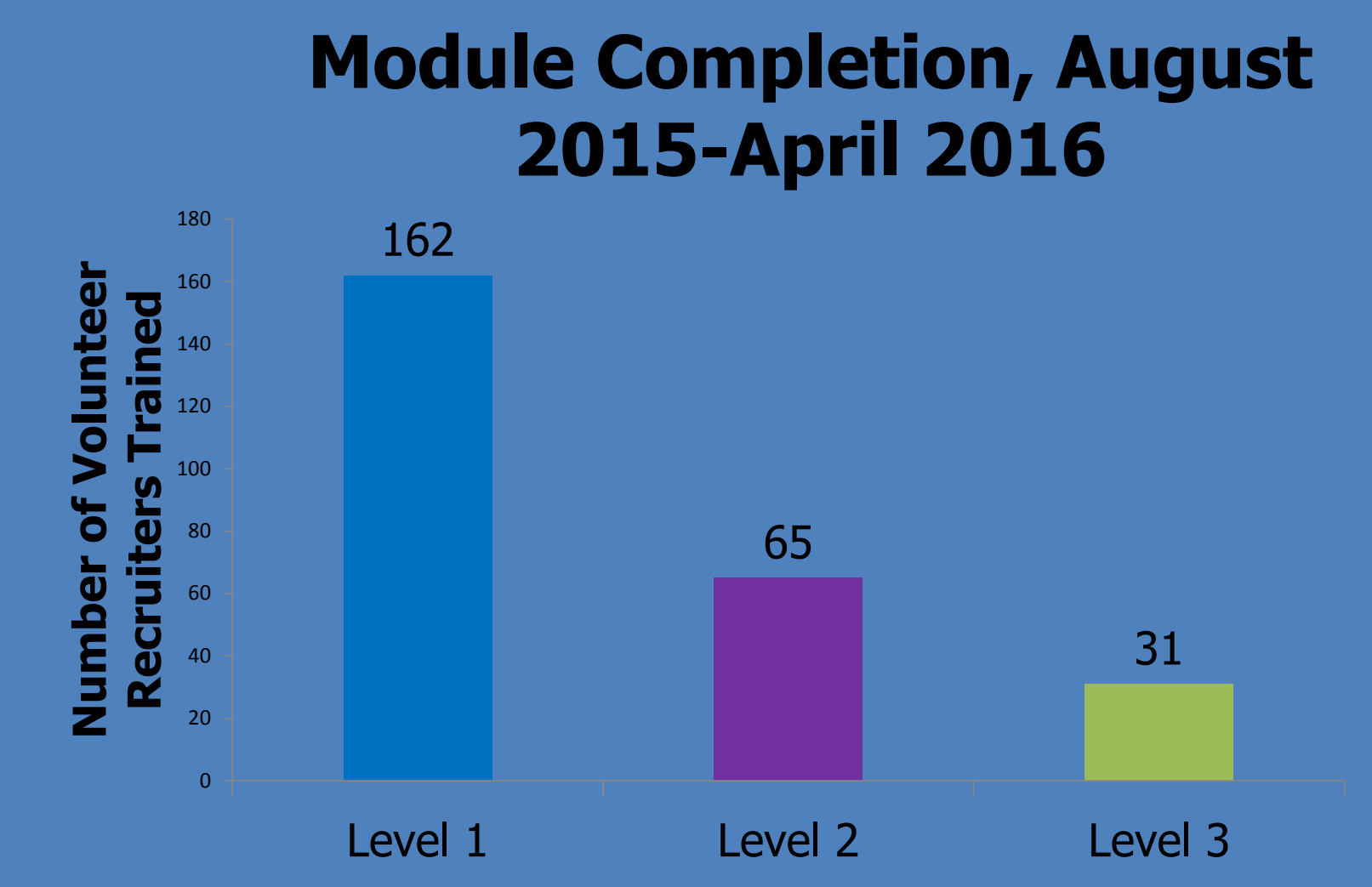


"I have participated in this many stem cell drives organized by Stem Cell Club"

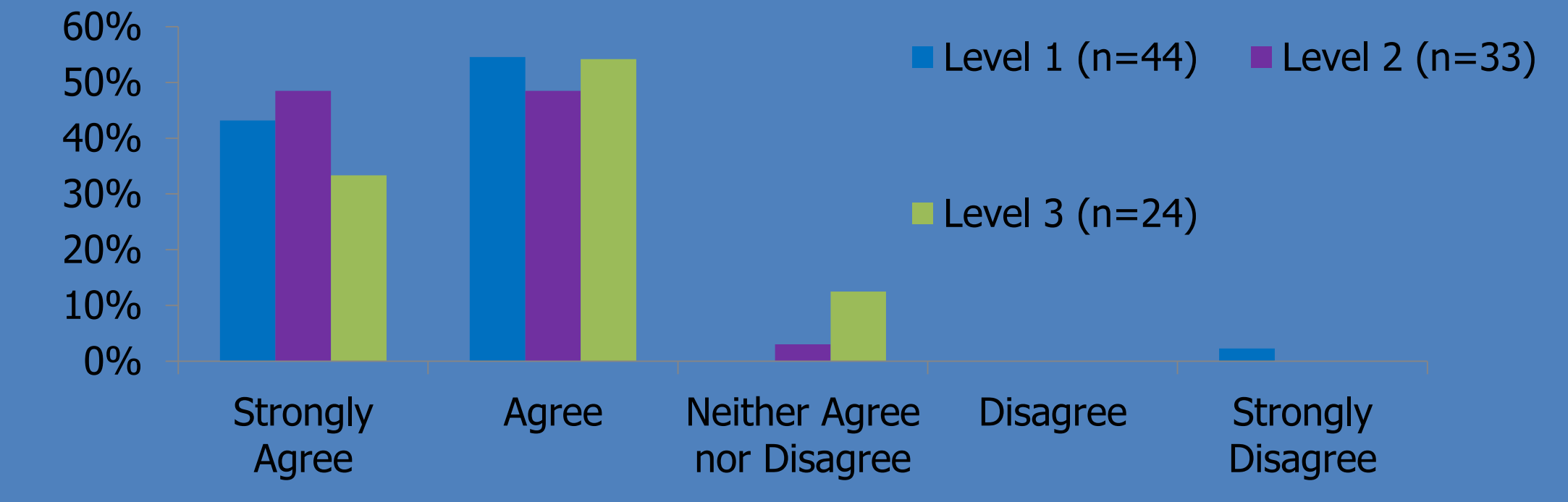
Respondent Characteristics



Online Modules

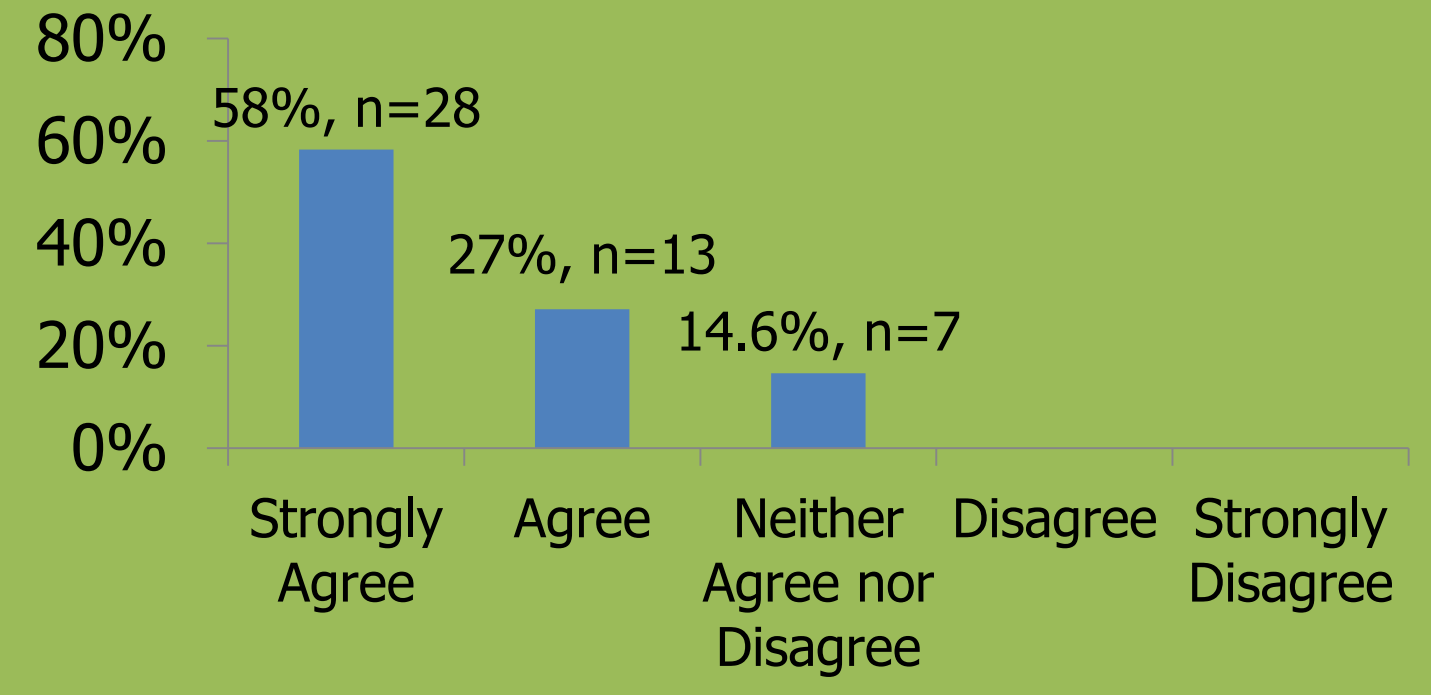


Completing the online module prepared me for my role at the stem cell drive (Volunteer, Leader, Organizer)

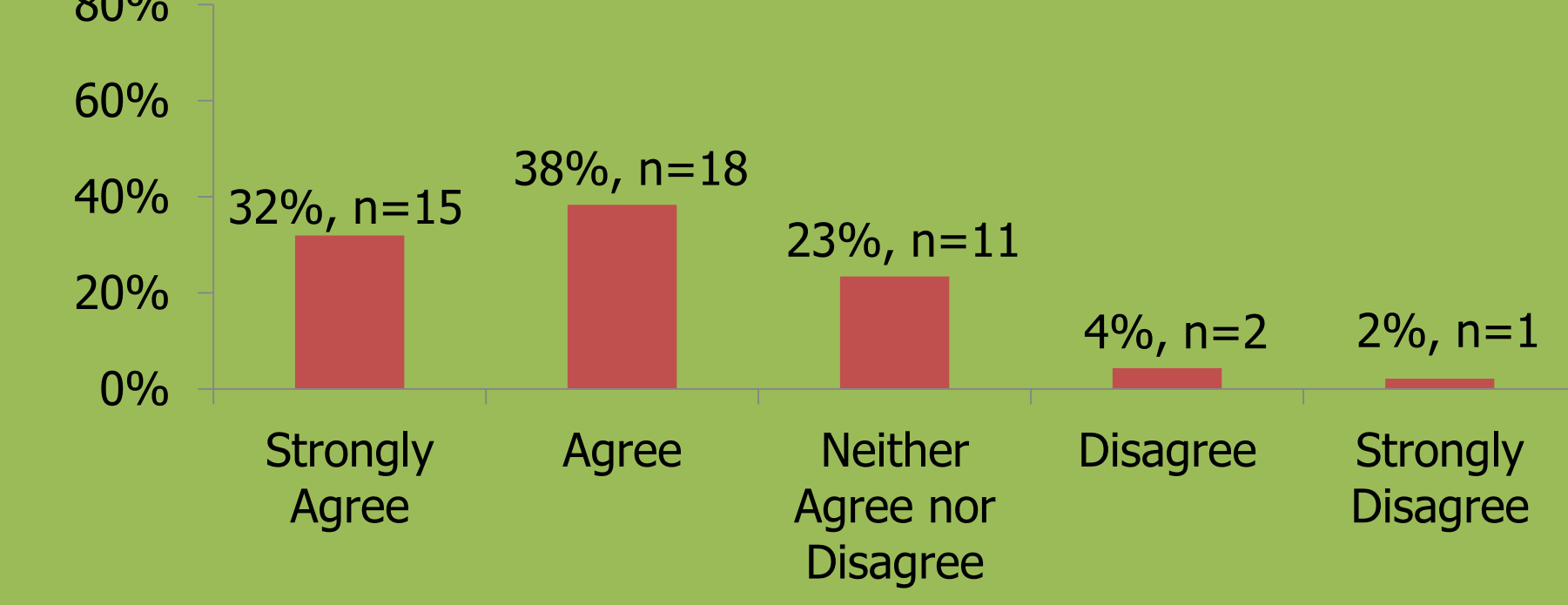


Checklists

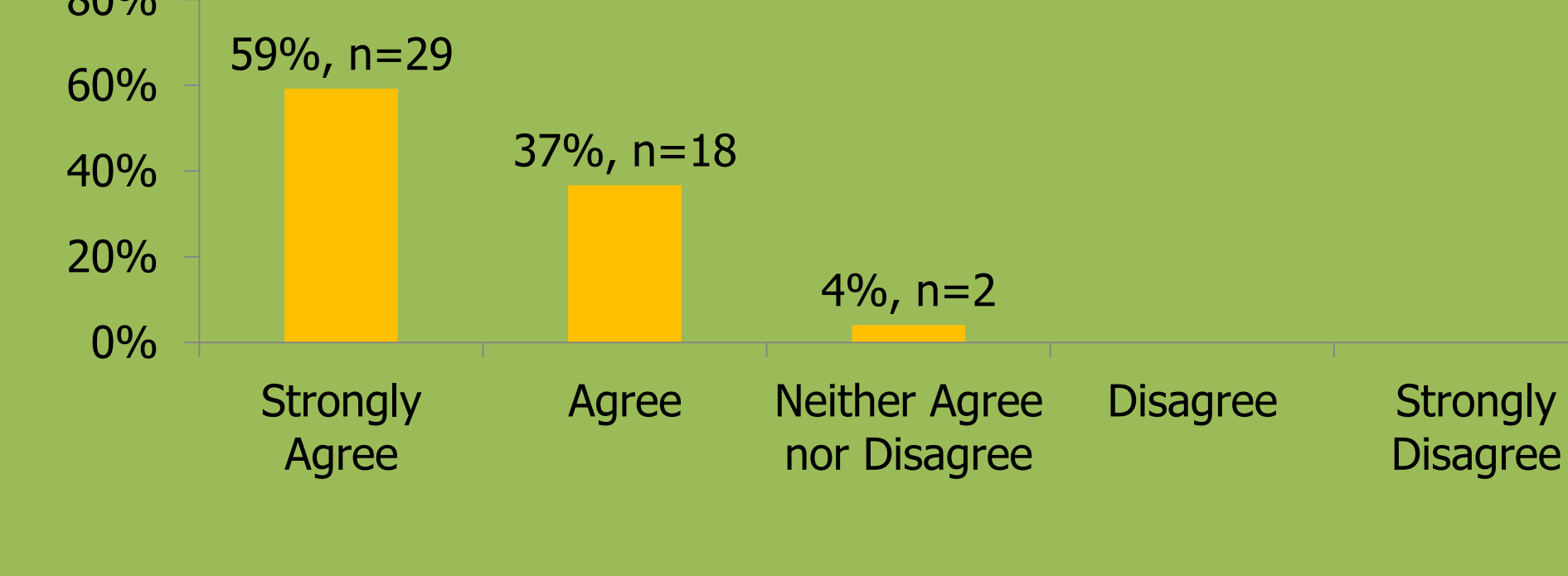
"At our drives, checklists are available to use"



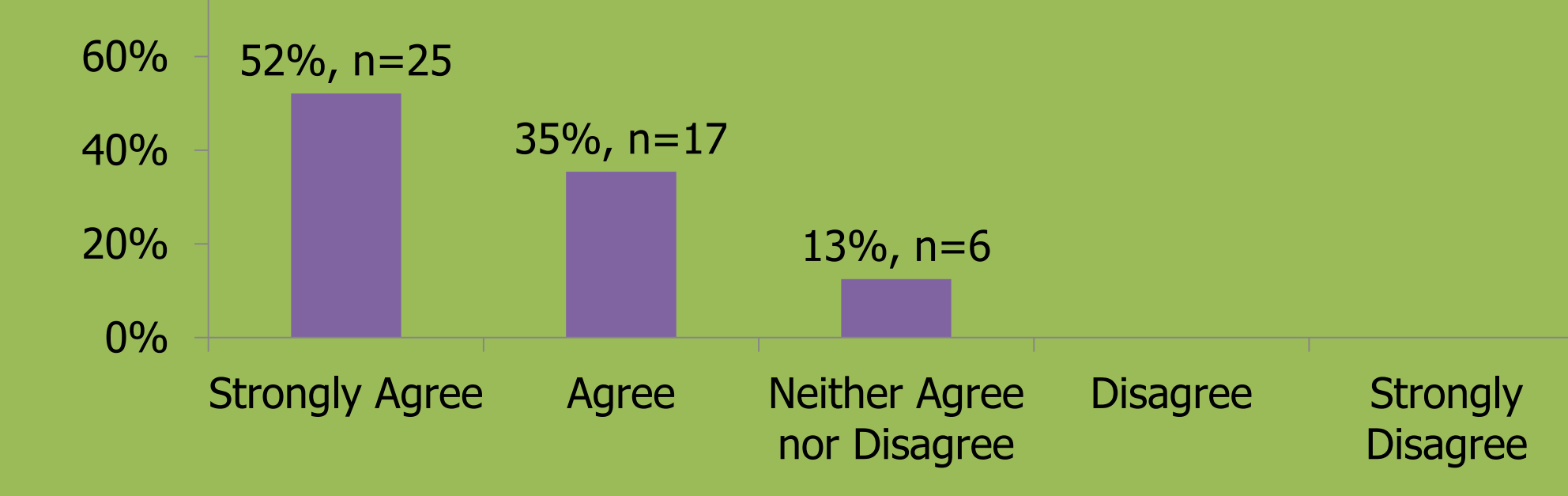
"At our drives, I personally refer to/use the checklists"



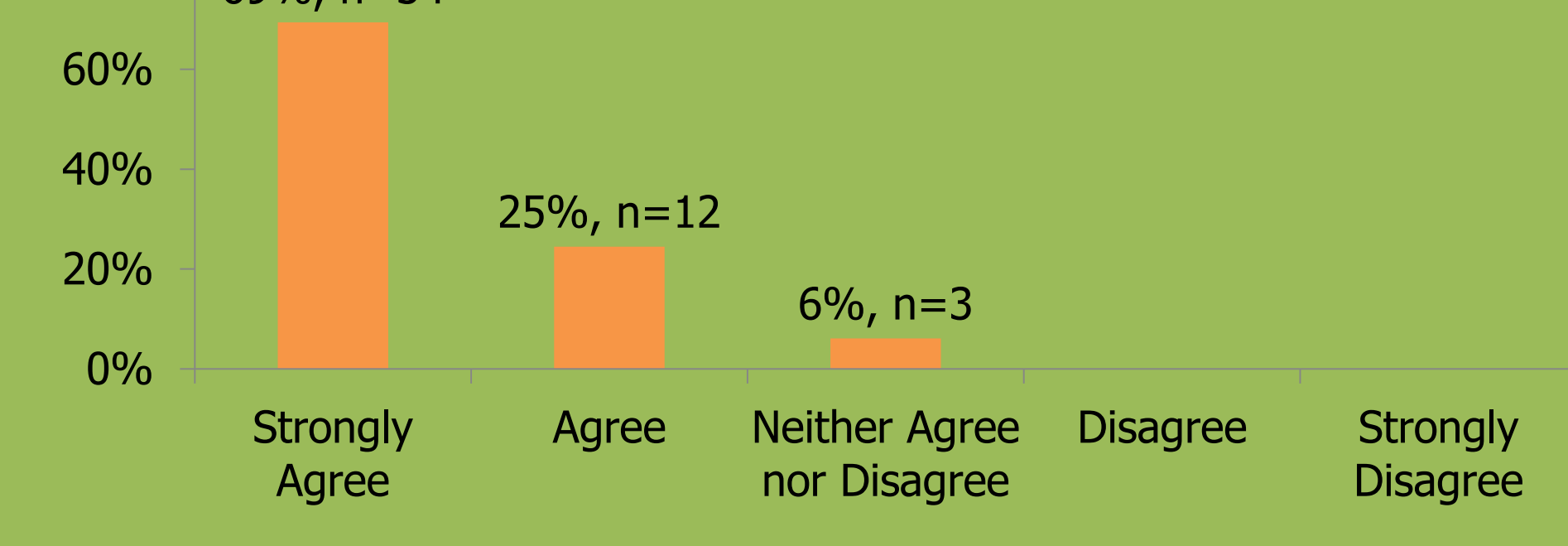
"The checklists are an important resource to have at stem cell drives"



"The checklist made it easier to know and complete required tasks"

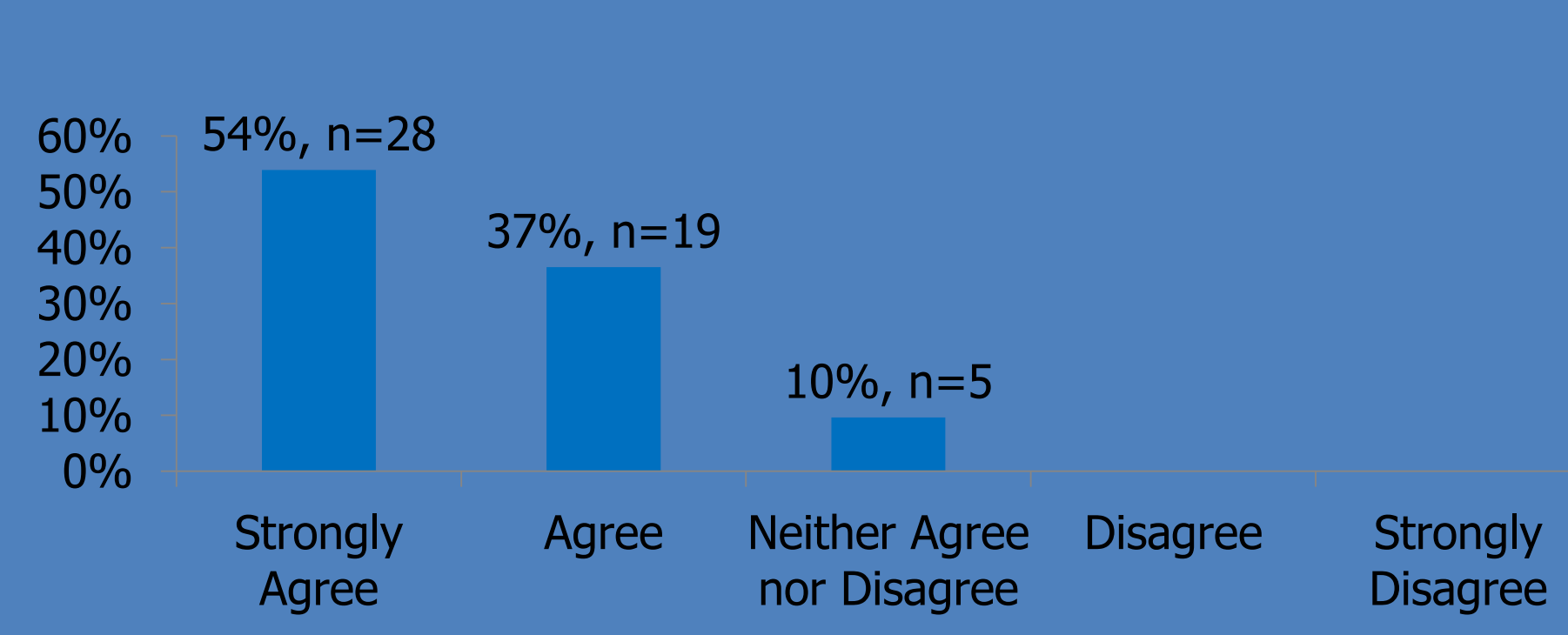


"All stem cell drives should use these checklists"

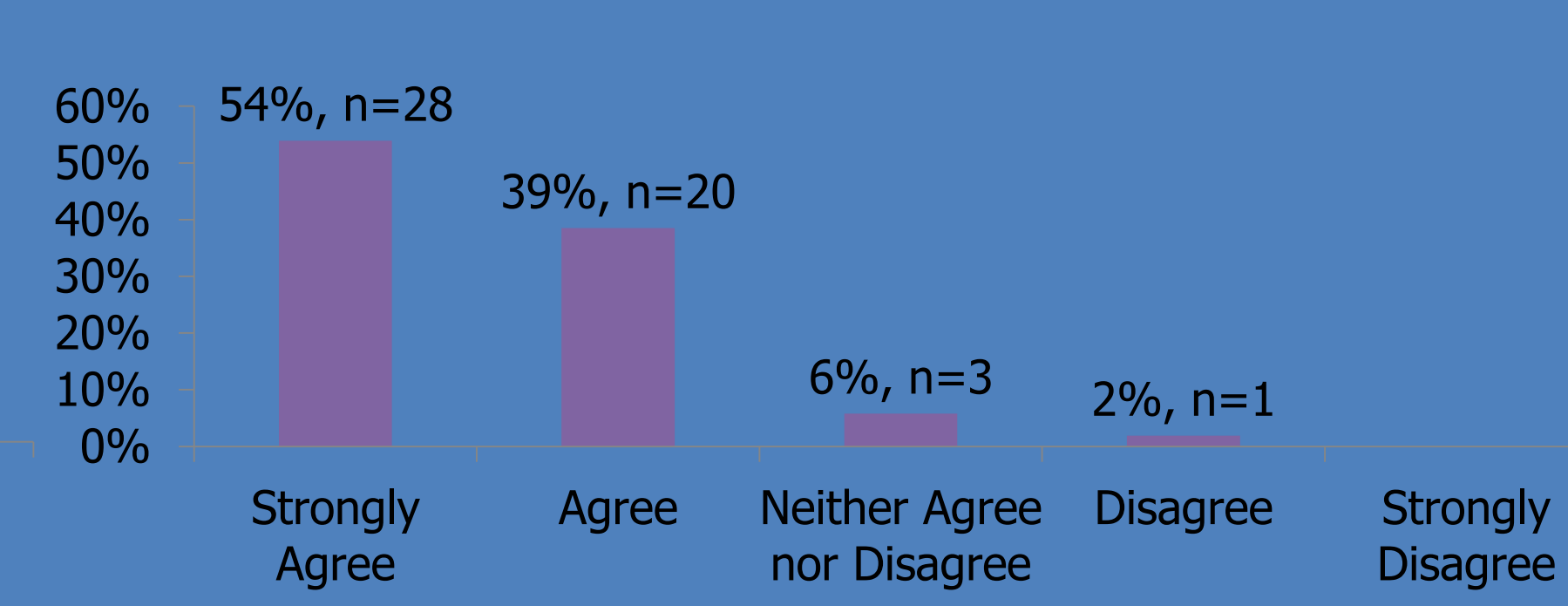


Stem Cell Drive Operations Video Series

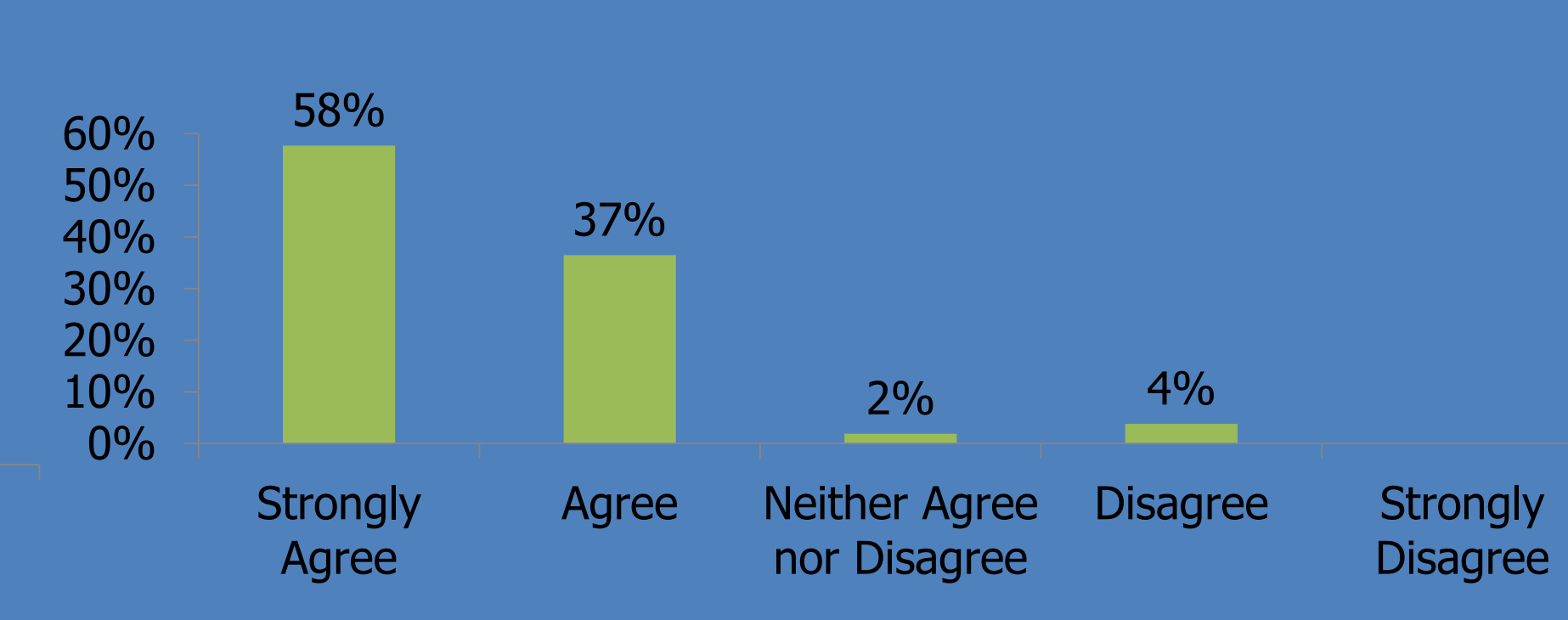
"A stem cell drive operations video series would be helpful"



"I would watch these videos before attending a stem cell drive"

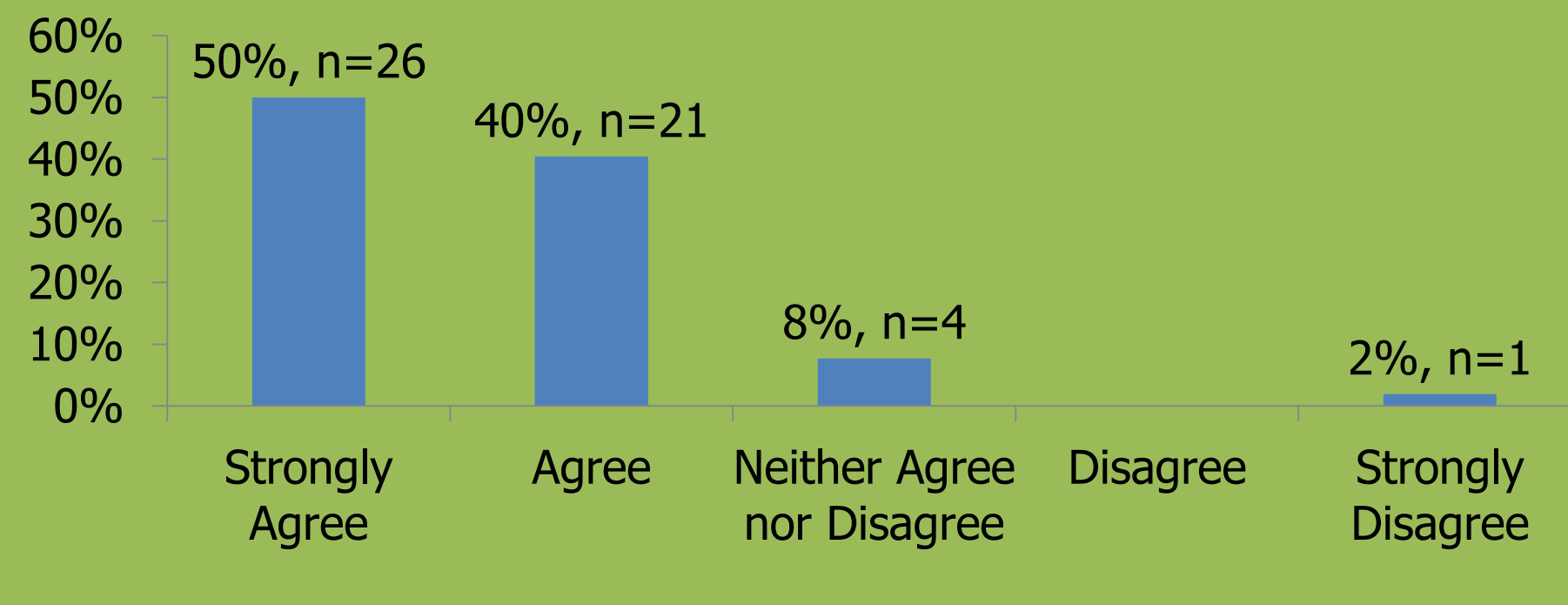


"A training video series would make it easier to review material"

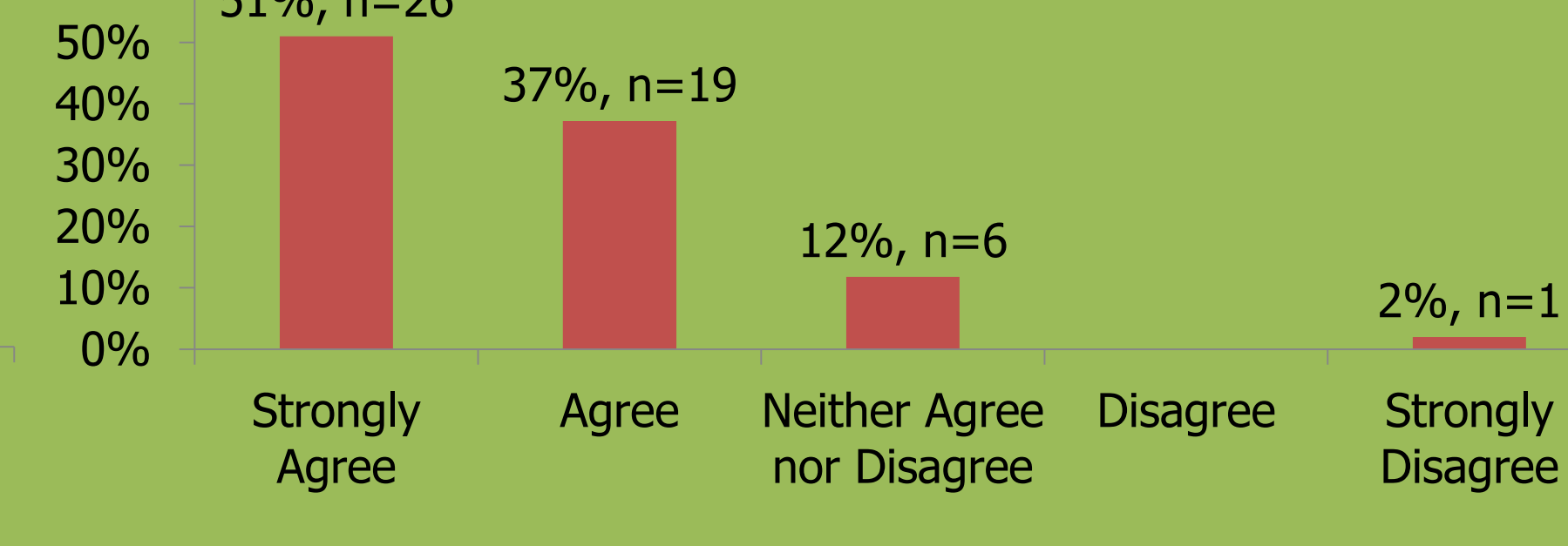


Mock Stem Cell Drive

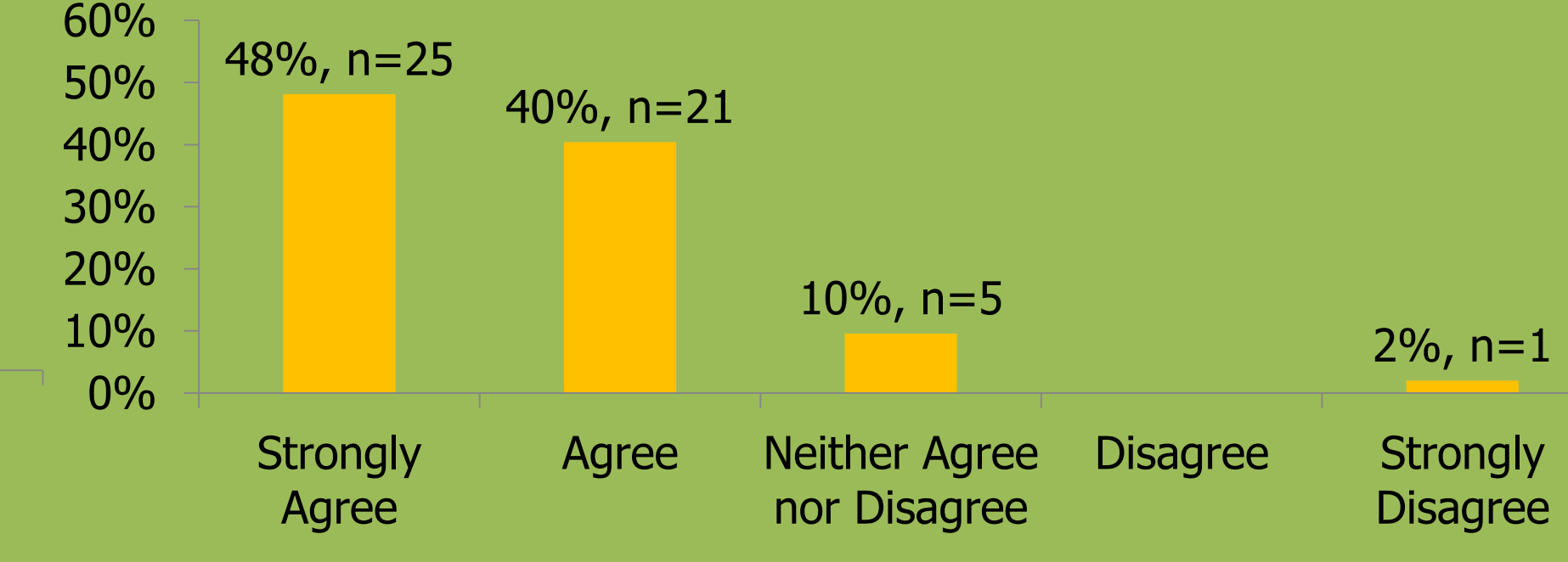
"I would appreciate having a mock stem cell drive resource"



"Running a mock stem cell drive would improve volunteer/club leader training"



"If available, I would use this resource to train new volunteers"



Results

Participant Demographics

- 52 Stem Cell Club members completed the needs assessment survey: 20 from BC and 32 from Ontario
- 52% had volunteered at ≥2 stem cell drives organized by Stem Cell Club.

Existing Training Resources

- 87.5-97.7% of respondents who completed the online training modules agreed that completion prepared them for drives.
- 85.4% of respondents reported that checklists were available at drives; 70.2% personally used them in this setting, 95.9% agreed they were an important resource, and 93.9% felt that they should be used at all stem cell drives.

Unmet Training Needs

- 90.3% agreed that a video series covering all aspects of stem cell drive operations would be helpful, and 92.3-94.2% felt they would personally use this resource and that it would be used to review material prior to a drive.
- 88.3% felt that development of a practical workshop (mock stem cell drive) would improve training, and 88.5% would personally use this resource if available.

Conclusions

- This assessment clarifies Stem Cell Club training resource utilization, and guides development of additional resources to fill unmet needs

Acknowledgements

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