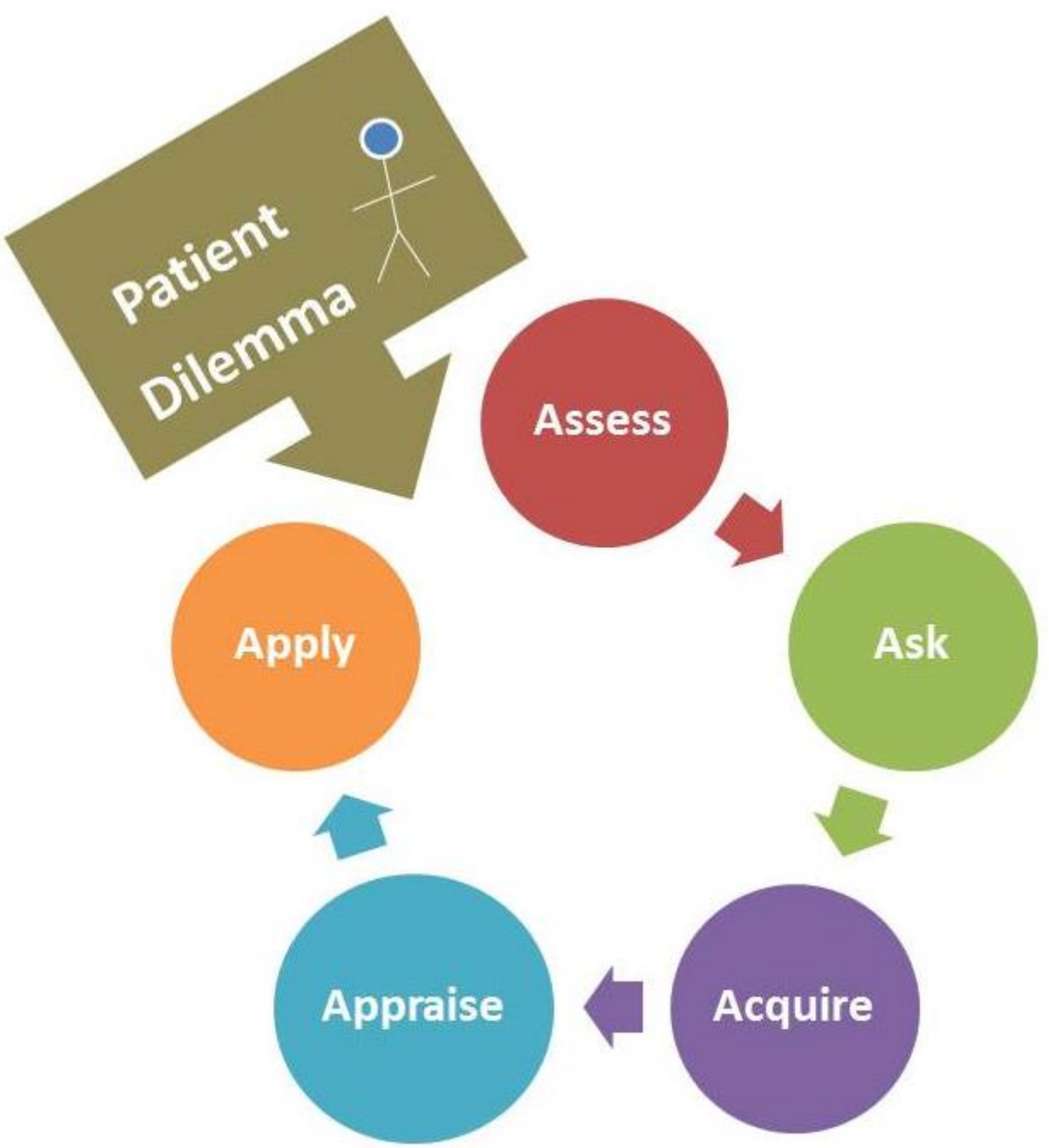


Designing Cross-Program Curricular Support: The Library Supports Evidence-Based Medicine Across Graduate Medical Education



Duke Health

Megan von Isenburg, MSLS, AHIP; Kathleen Bartlett, MD; James Fox, MD; Jane P. Gagliardi, MD, MHS; Mitchell T. Heflin, MD; Mariah Rudd, BS; Daniella A. Zipkin, MD



Advisory Group

- Cross-program group with coordination from the Medical Center Library and physician participation from 6 GME programs
- Funded by the Duke GME Innovations Fund

Needs Assessment

- Surveyed trainees (n=266) and program leaders, defined as Program Directors, Associate Program Directors, and Chief Residents (n=64), to identify opportunities and challenges in programs' EBM education
- Conducted a focus group of trainees; largest barrier was time
- Analyzed EBM-related milestones

In-Person Class

- Created 6 session series on EBM, offered weekly with dinner from 5:30-7 pm
- 58 trainees from 22 programs registered, including full program buy-in from Neurosurgery
- 84% (n=49) of registrants attended at least 1 session
- 51% (n=25) of attendees completed 5/6 sessions

Next Steps

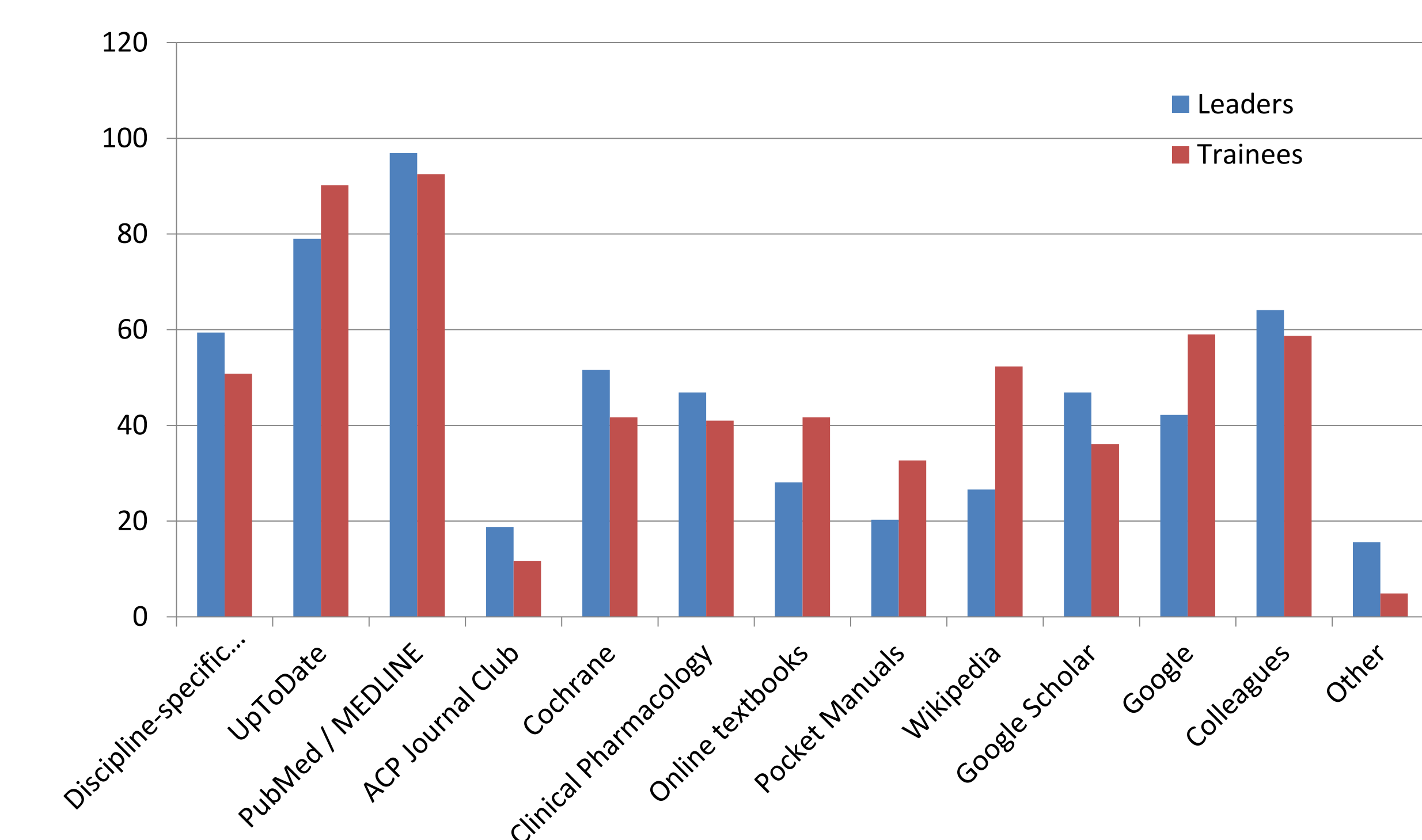
- Publicize EBM teaching resources
- Provide GME-specific scholarships to Duke's "Teaching and Leading EBM" annual workshop to develop new faculty
- Consider offering standardized curriculum to simplify prep time for teachers

Findings from Needs Assessment

Using evidence to inform clinical care decisions is perceived as extremely important but satisfaction with the amount of EBM training is lower (%)

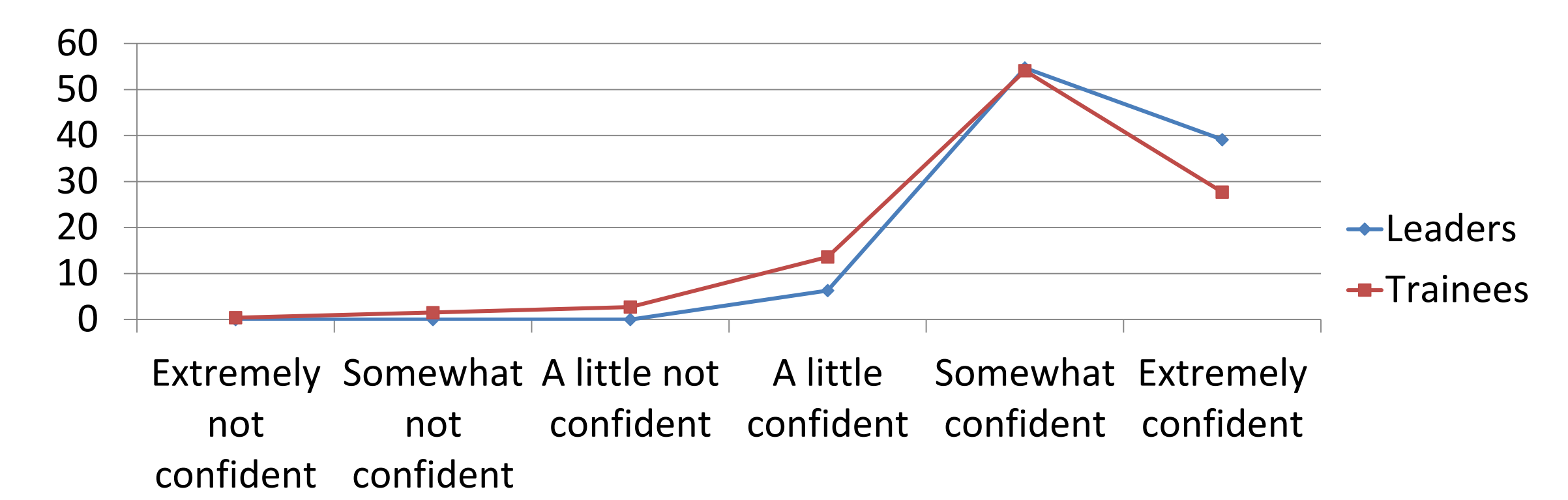


Leaders and trainees use a variety of resources to answer questions (%)

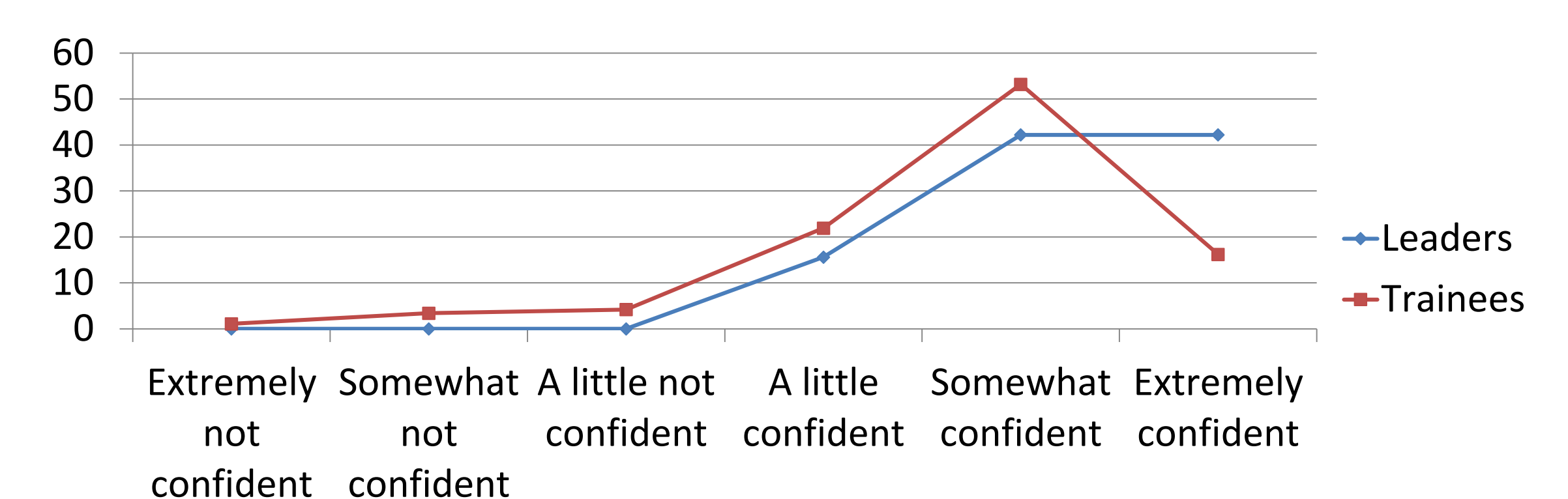


Confidence in applying EBM principles could be improved

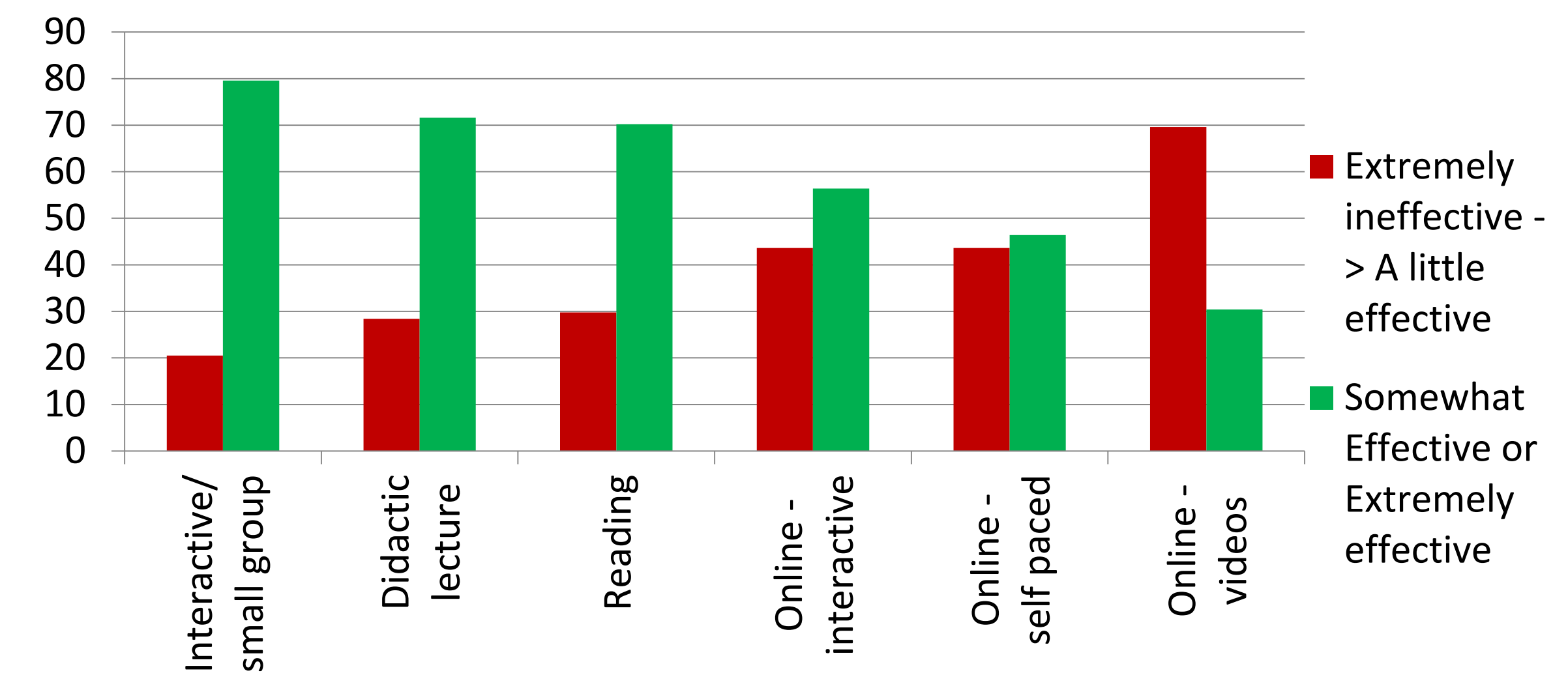
- Confidence in finding the best evidence (%)



- Confidence in appraising the quality of found evidence (%)



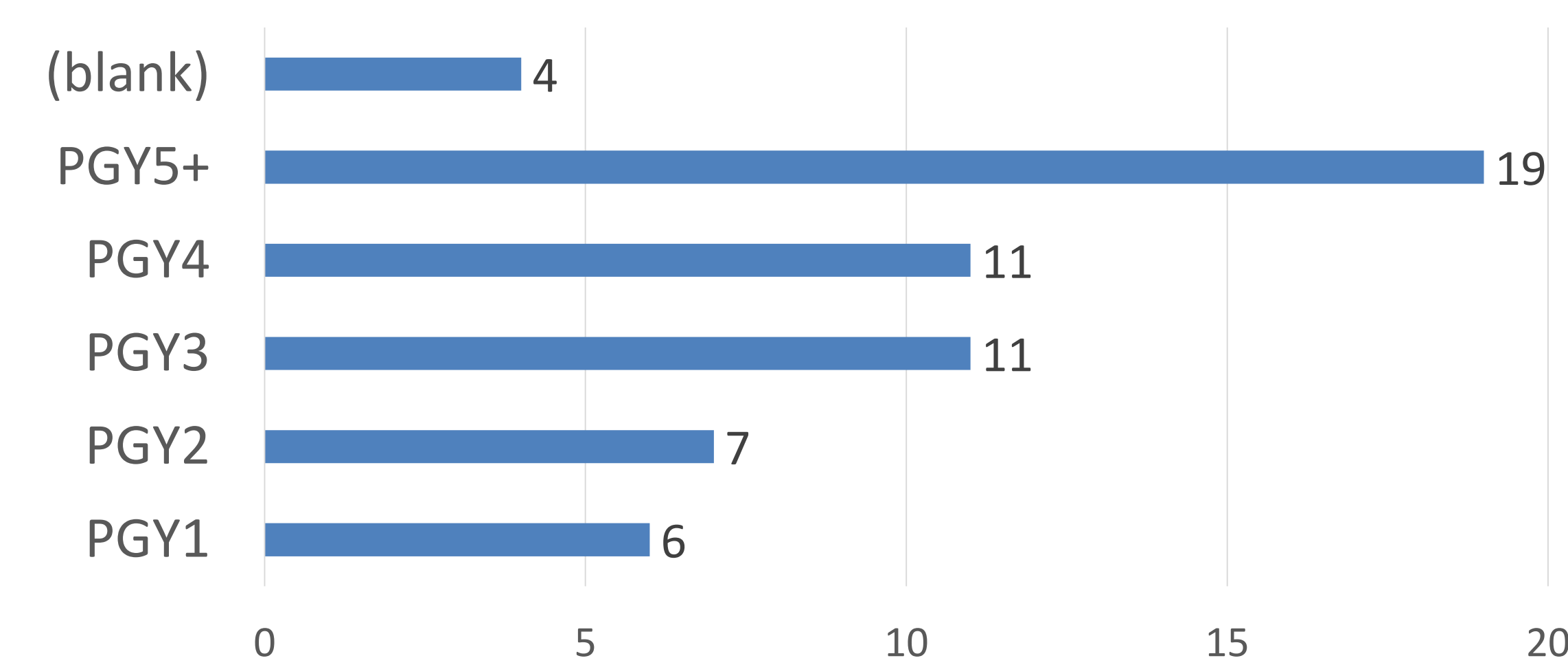
Learners prefer in-person to online learning (%)



In-Person Class Evaluation

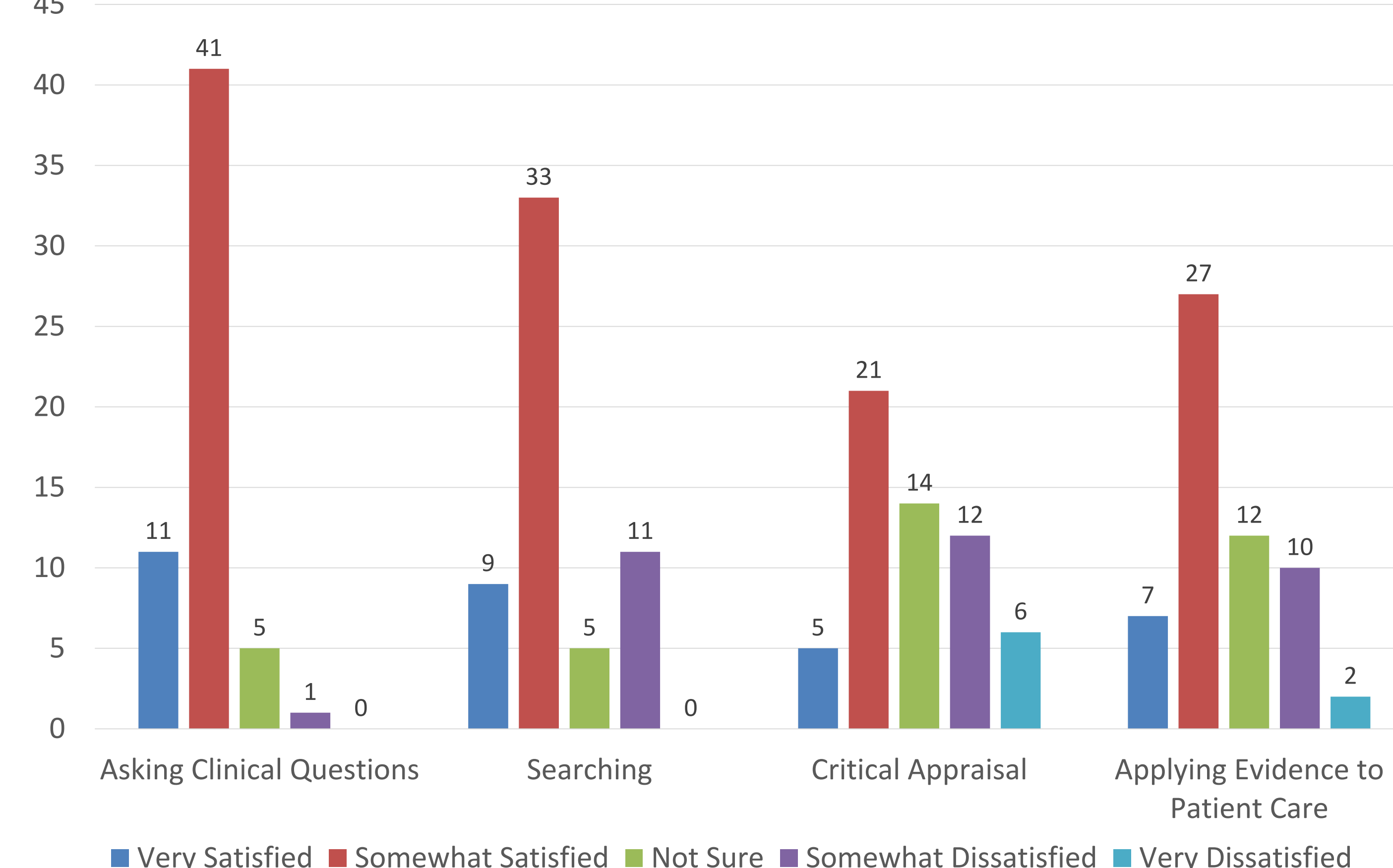
Participants reflected many PGY levels

(registration data n=58)



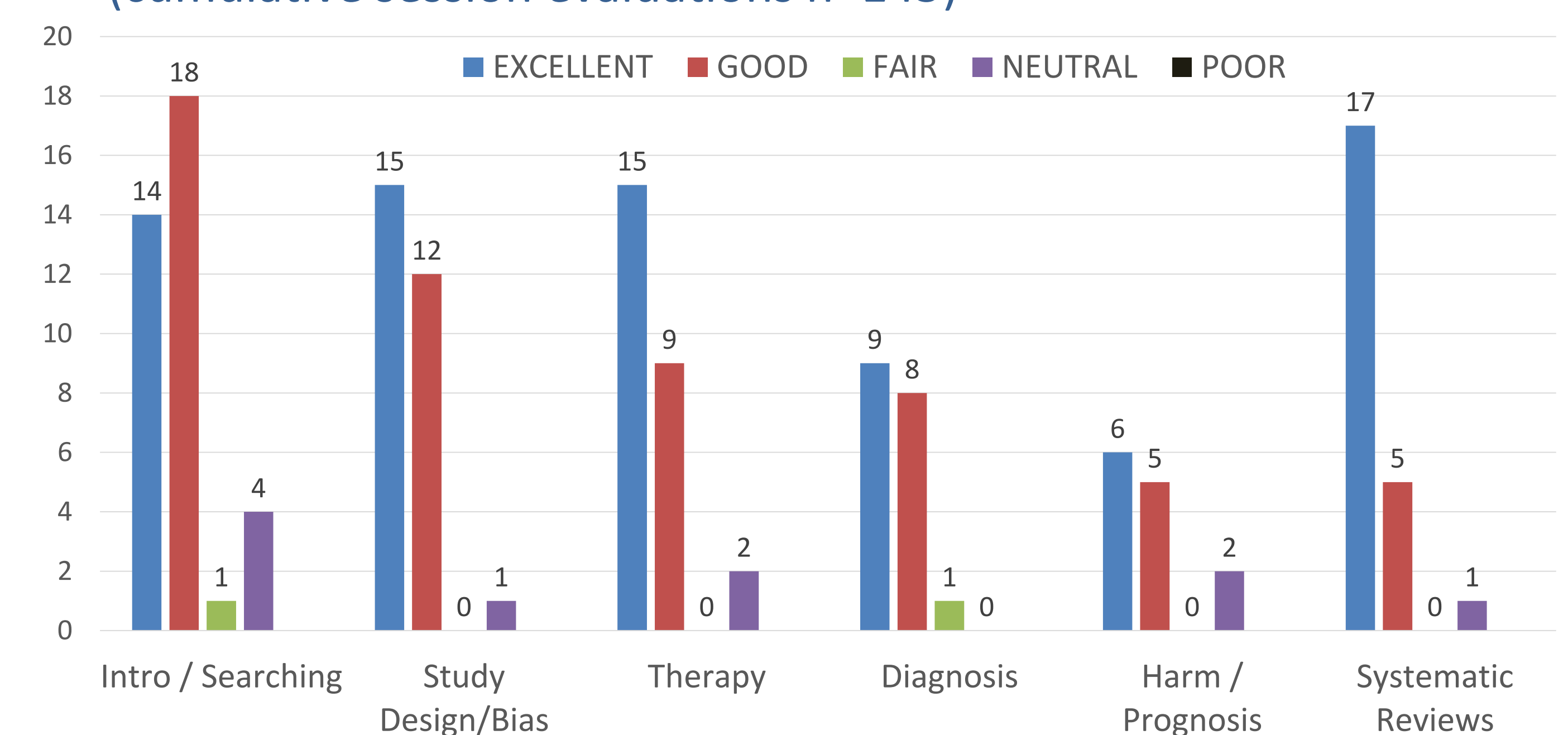
Pre-Class Satisfaction with EBM Skills Showed Majority "Somewhat Satisfied"

(registration data n=58)



Sessions were rated well overall

(cumulative session evaluations n=145)



Post-Course Satisfaction with EBM Skills Showed Increased Satisfaction

(final class session data n=23)

