

A Multifaceted Research Engagement Program Improved General Surgery Residents' Academic Productivity

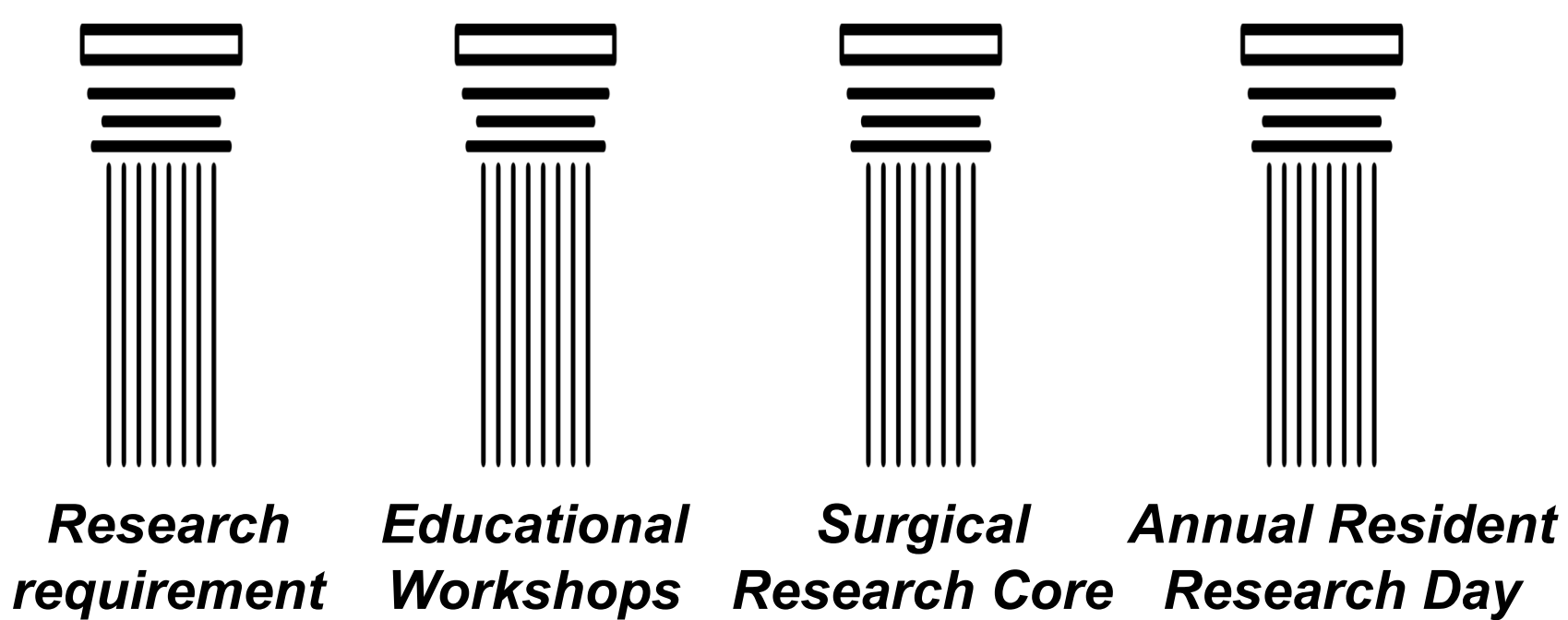
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OBJECTIVES

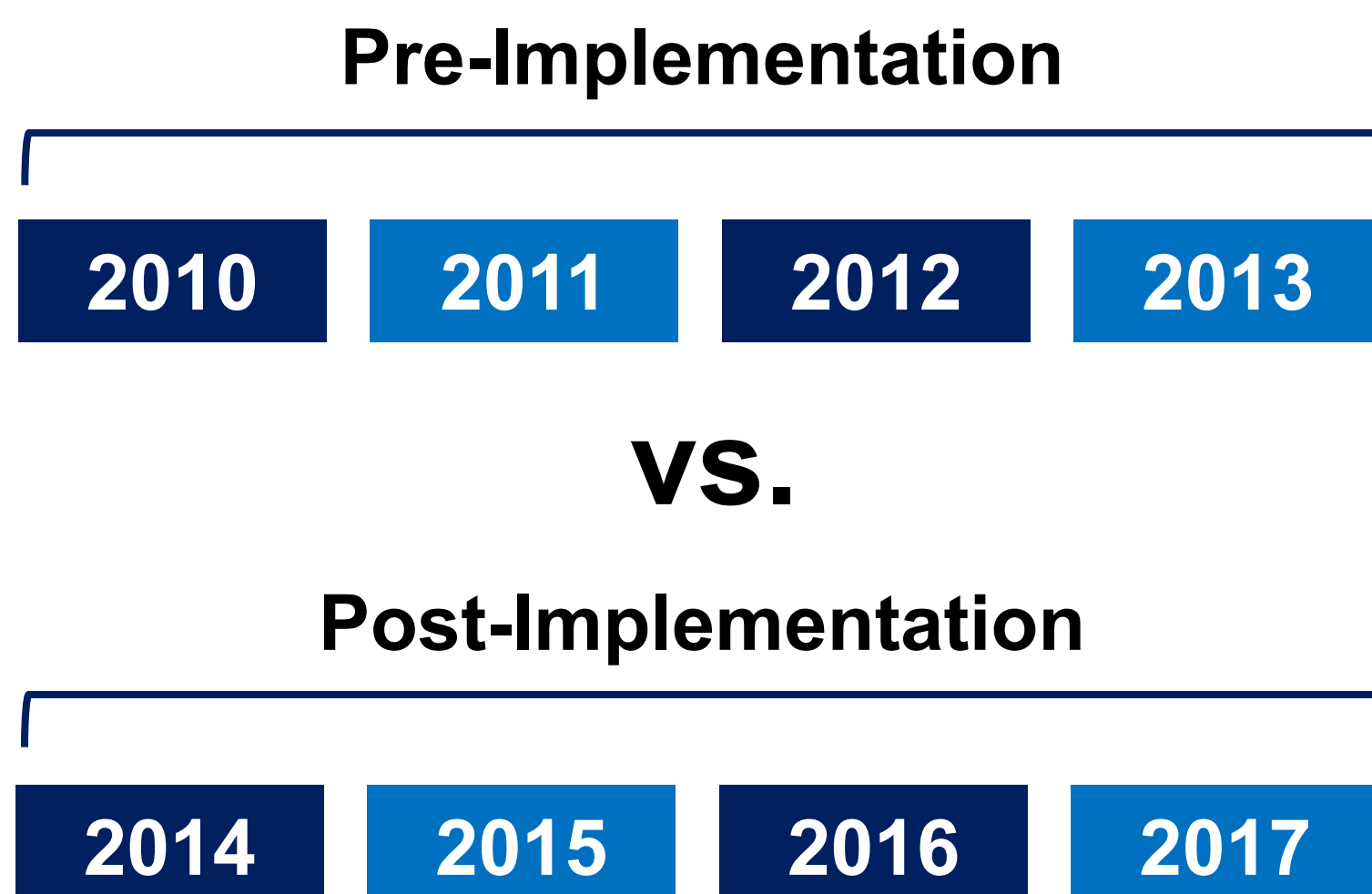
- A number of leaders in academic surgery have warned that the surgeon-scientist may be on the brink of extinction
- We hypothesized that general surgery residents' research engagement could be improved by:
 - Setting specific goals
 - Providing enhanced research support and infrastructure

METHODS

- In 2013, the Department of Surgery implemented a multifaceted program consisting of four core pillars:

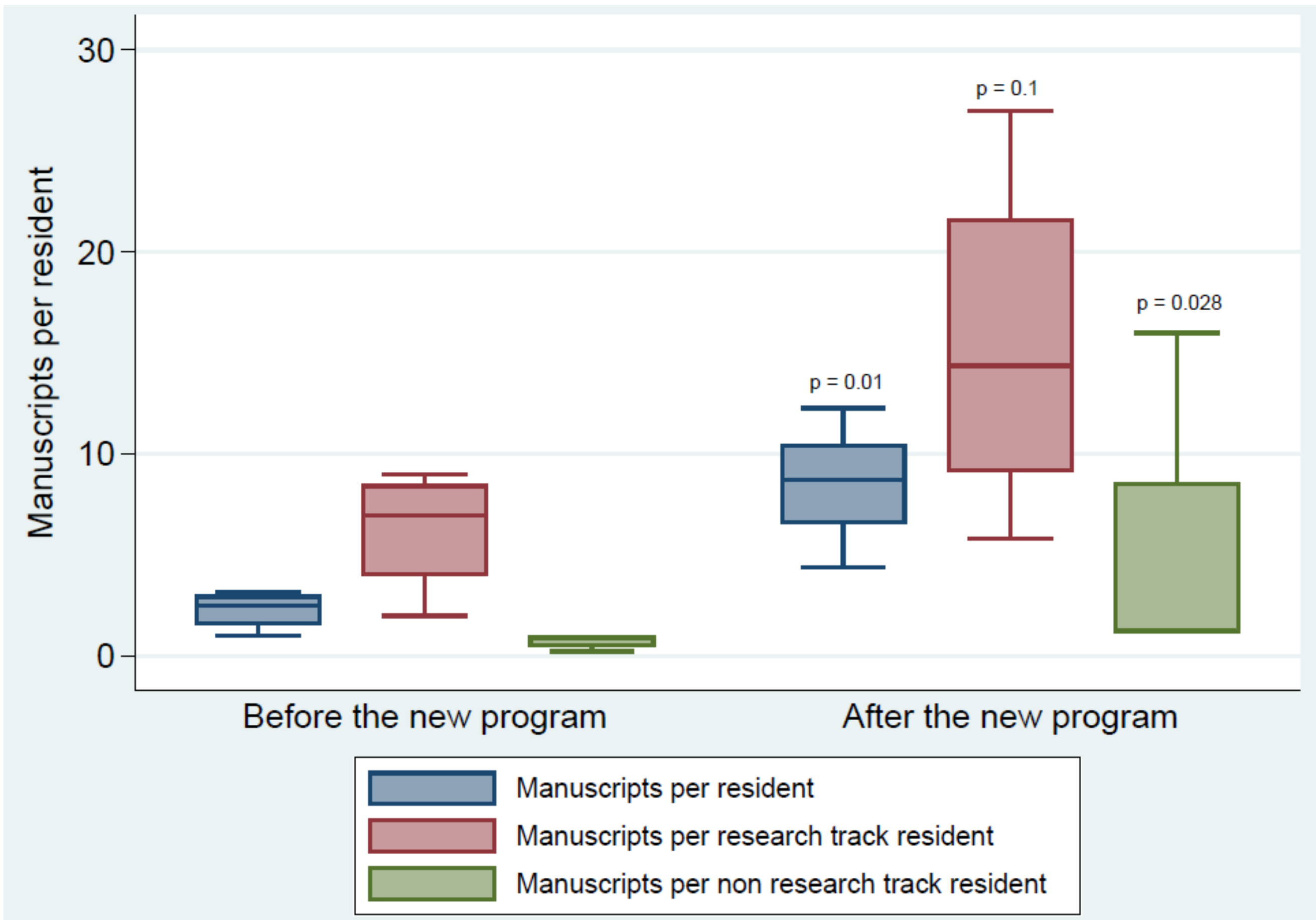


- We included 57 general surgery residents graduating between 2010 and 2017.
 - 34 categorical
 - 23 research track
- We used two-sample t-tests or Mann-Whitney U tests to compare mean publications per resident during the four years before and four years after implementation of the intervention.

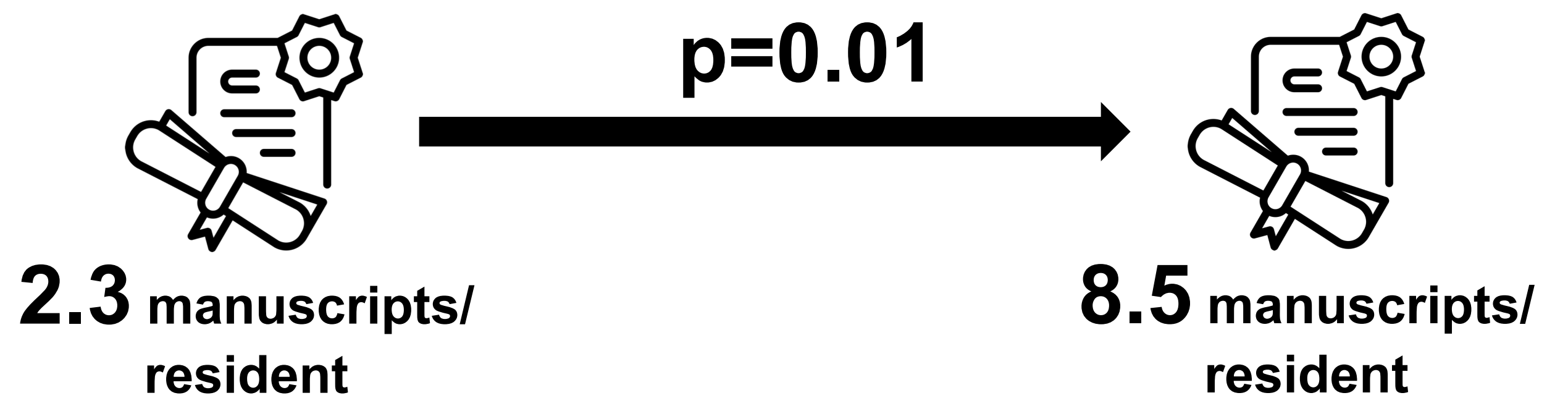


RESULTS

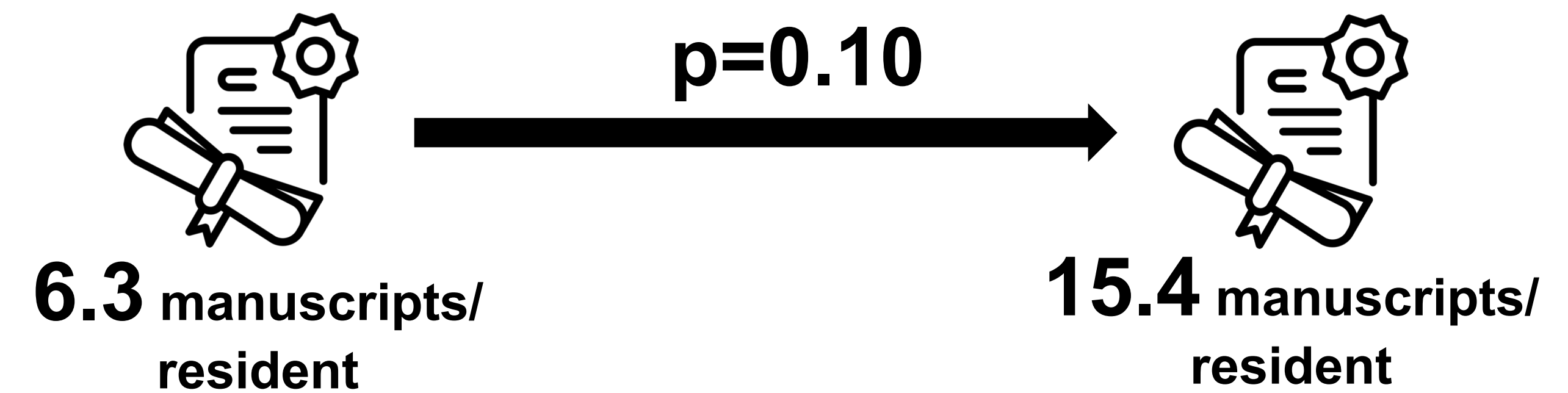
Figure. A multifaceted research program led to an increase in published manuscripts among residents



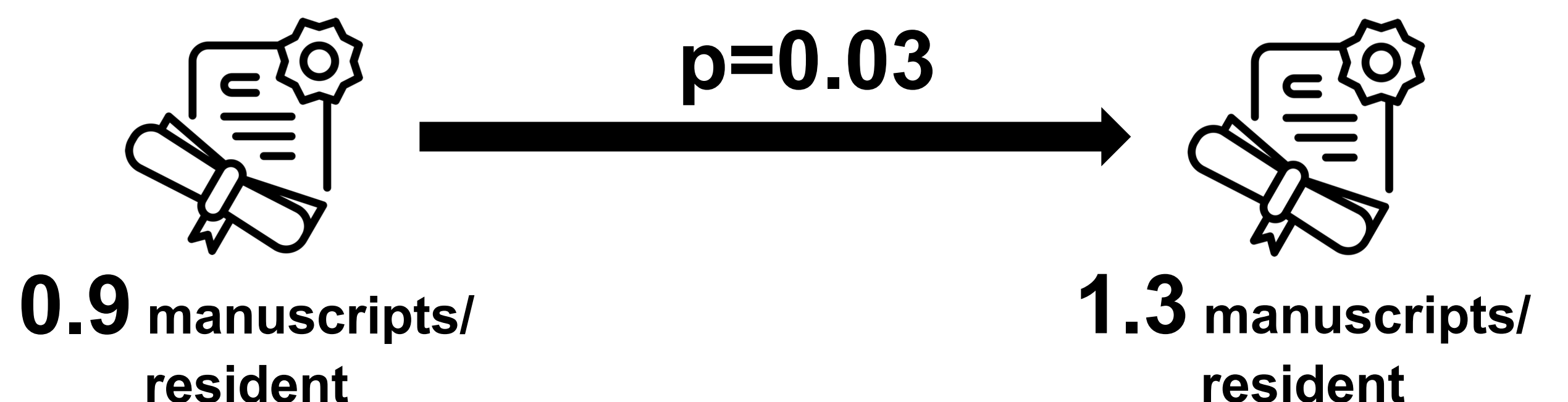
Overall:



Research Track:



Non-Research Track:



CONCLUSIONS

- Investment in resident research engagement and support brought results



- Similar training components may boost resident research engagement in other programs

