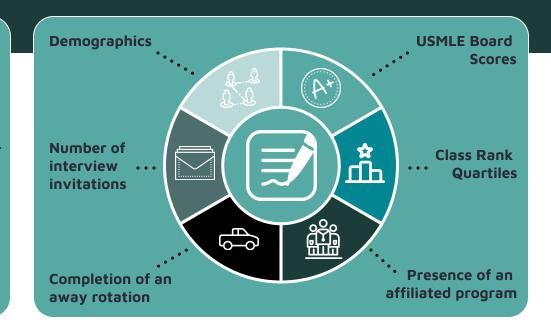# Identification of Candidate Characteristics that Predicted a Successful Anesthesiology Residency Match in 2024: an Anonymous Prospective Survey

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Matching to an anesthesiology residency program has become increasingly **more competitive** in recent years.

Medical students and their mentors may struggle to navigate and assess an application's strength and competitiveness.

- Demographics
- USMLE Board Scores
- Number of interview invitations
- Class Rank Quartiles
- Completion of an away rotation
- Presence of an affiliated program

SURVEY CONDUCTION:

An anonymous, prospective survey was distributed over two social media platforms. The purpose of the questionnaire was to identify candidate qualities that predicted a successful match outcome.

Students self-reported **demographic information, academic performance characteristics,** and details regarding their **rotation.**

SURVEY STATISTICS:

45% of participants identified as white or caucasian and 51% of respondents were female

Matched applicants reported higher mean USMLE scores (average Step 2 CK score 252)

All survey respondents revealed that they utilized all available gold and silver signals during the application process

Matched applicants reported higher interview invitations with fewer applications submitted

SURVEY MATCH SUCCESS RATE

87%	84%	65%
US Allopathic	US Osteopathic	International Graduate

ADDITIONAL CONCLUSIONS:

Academics and test performance may overshadow volunteering activities or research publications

Presence of an affiliated residency was not associated with success

Non-signaled programs conferred only one additional interview