



SUMMARY

- The objective of this study was to determine if there is an association among patient-reported outcomes (missed doses, side effects, perceived medication effectiveness) in patients prescribed specialty medications at an integrated health system specialty pharmacy.
- Patient-reported side effects, missed doses, and perceived medication effectiveness were collected for 1,398 patients over 3 months.
- Patients filling specialty medications within an integrated health system specialty pharmacy model reported low rates of missed doses and side effects.
- Because side effects and adherence are associated with perceived medication effectiveness, specialty pharmacies should consider targeted monitoring in patients who report these outcomes.

Patient-reported side effects impact adherence and perceived medication effectiveness.

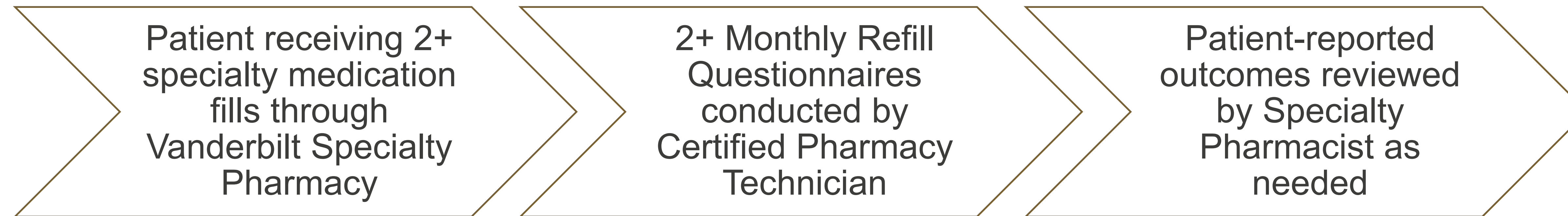
Assessing Patient-Reported Outcomes within an Integrated Health System Specialty Pharmacy

E. Danielle Bryan¹ | Katie Hosteng¹ | Autumn D. Zuckerman¹ | Ryan Moore² | Leena Choi²

¹Vanderbilt Specialty Pharmacy, Vanderbilt University Medical Center | ²Department of Biostatistics, Vanderbilt University Medical Center

METHODS

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RESULTS

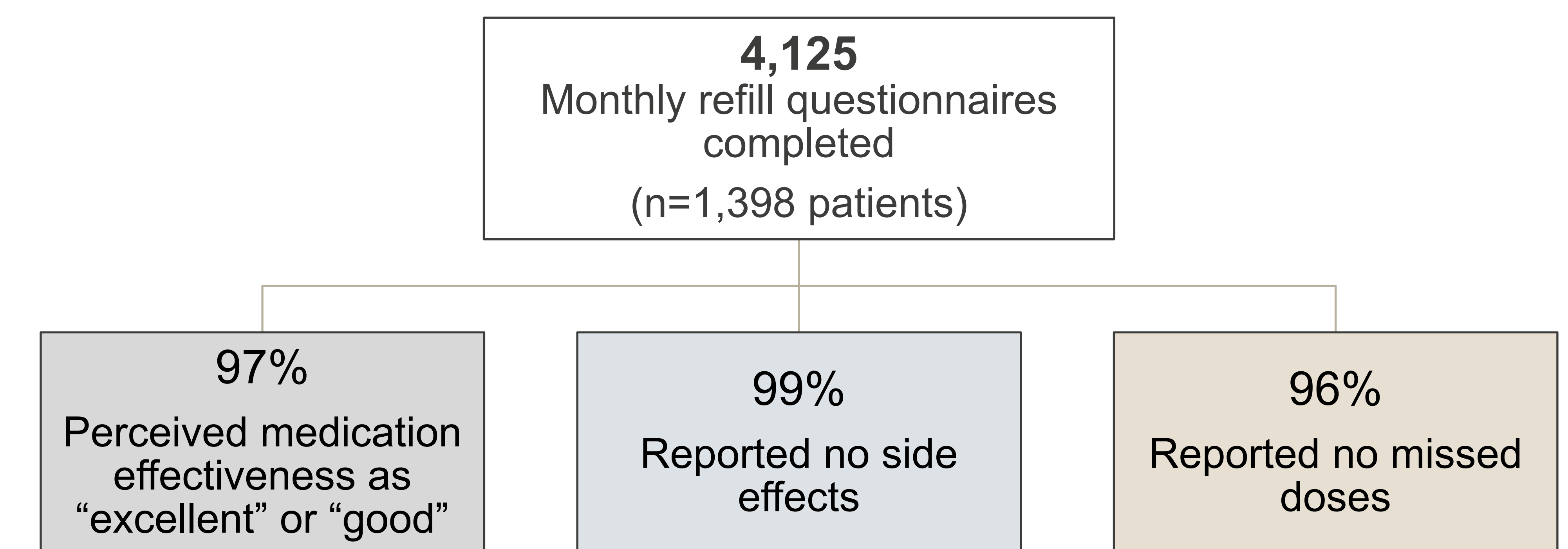
Table 1. Patient Demographics (n=1398)

Characteristic	n (%)
Age, years- median [IQR]	56 [44-64]
Gender, female	930 (66)
Race, white	1209 (87)
Insurance type	
Commercial	801 (57)
Medicare	513 (37)
Medicaid	75 (5)
Tricare/Other	9 (1)

Table 2. Specialty Clinics (n=1398)

Specialty Clinic	n (%)
Rheumatology	712 (51)
Multiple Sclerosis	332 (24)
Neurology	167 (12)
Dermatology	141 (10)
Asthma & Allergy	46 (3)

FIGURE 1. Patient-Reported Outcomes



Association Among Patient-Reported Outcomes

FIGURE 2. Side Effects and Missed Doses

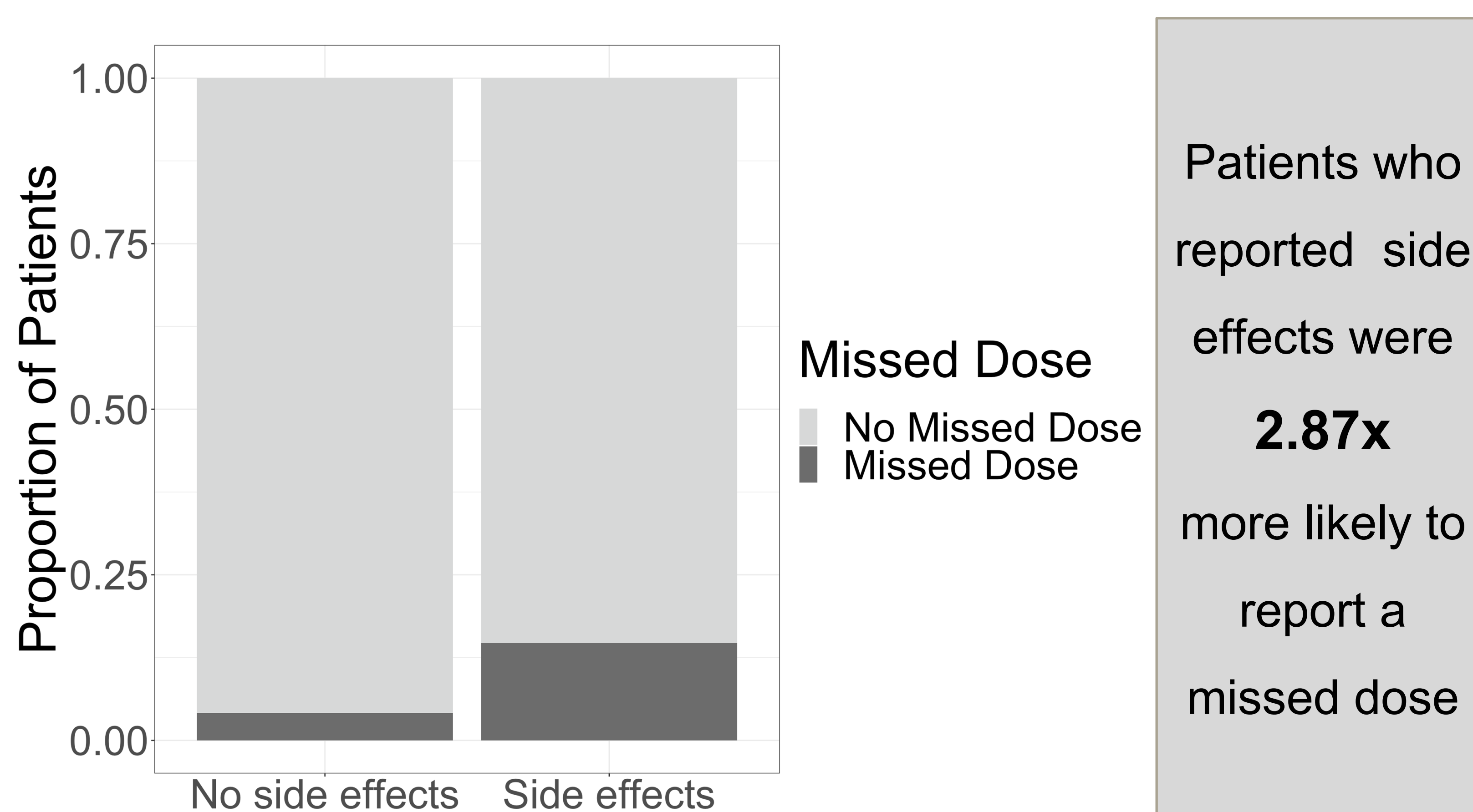


FIGURE 3. Side Effects and Perceived Effectiveness

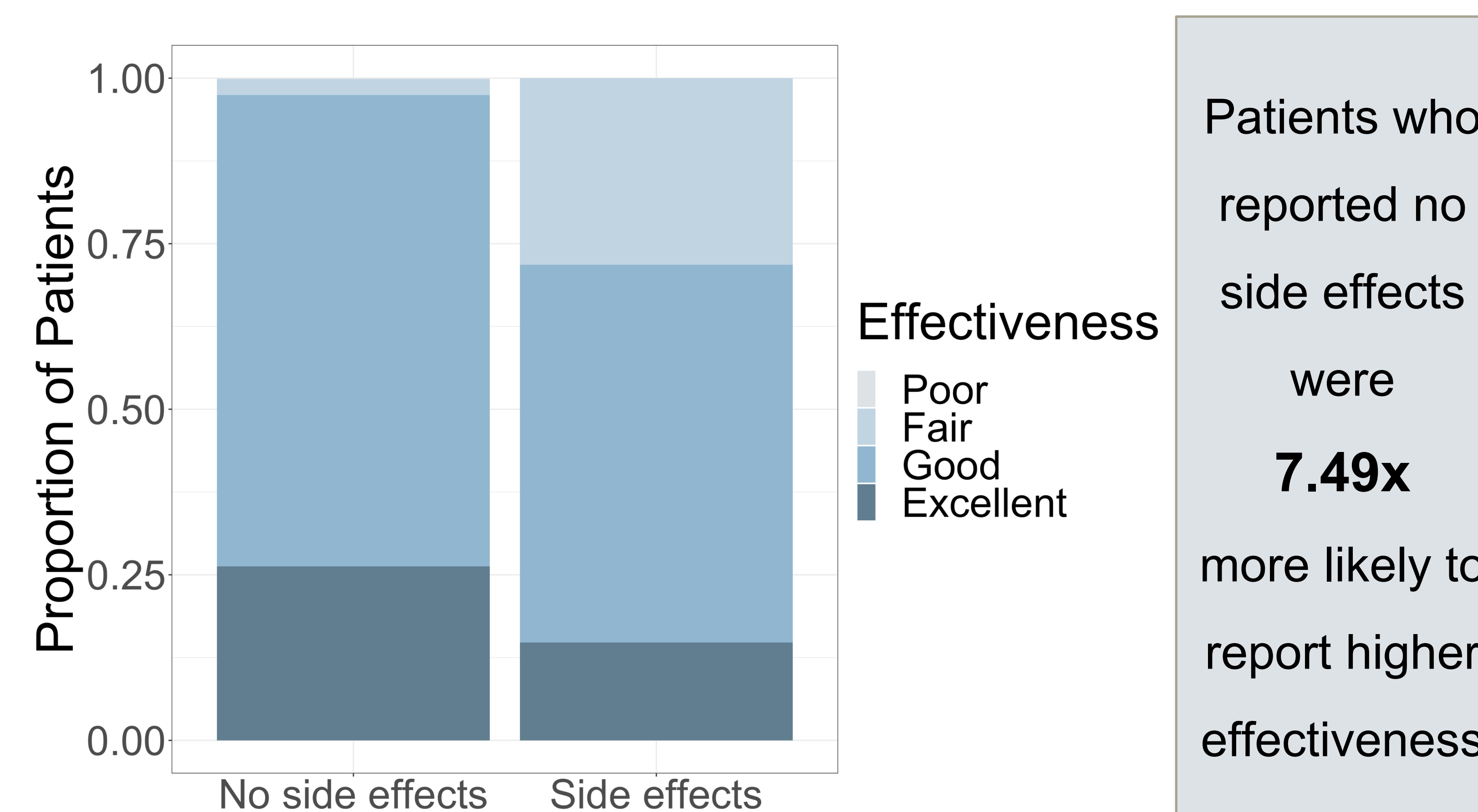


FIGURE 4. Missed Doses and Perceived Effectiveness

