**Suggested Text:**

We modeled nurse response to IMAI training in the pre- and post-intervention periods using mixed-effects logistic regression of the probability of nurse-mentor agreement on diagnosis and treatment per patient complaint. Baseline heterogeneity in nurse and health center performance was incorporated using nested random intercepts. The intra-class correlation coefficient for intercepts ranged between 0.06 and 0.07 for nurses and 0.02 and 0.03 for health centers, but all were significant at the 5% level. To minimize bias, we estimated covariate effects using maximum likelihood from the adaptive Gaussian Quadrature algorithm in PROC GLIMMIX.1 All 95% confidence intervals were calculated using robust standard errors from the sandwich estimator.

1. Pinheiro JC, Chao EC. Efficient Laplacian and Adaptive Gaussian Quadrature Algorithms for Multilevel Generalized Linear Mixed Models. *J Comput Graph Stat*. 2006;15(1):58–81. doi:10.1198/106186006X96962.







