**Model Description**

The analysis presented in this report uses a standard difference-in-differences approach to gauge changes in the probability of mentor-mentee diagnosis and treatment agreement by training groups pre- and post-intervention. A binomial logistic mixed-effects model is employed to account for heterogeneity among nurses and health centers. Parameter estimates are calculated using maximum likelihood obtained via adaptive Gauss-Hermite Quadrature of the likelihood integral.

where,

The *k*th outcome of interest, either diagnosis or treatment agreement, for nurse *i* at

facility *j*.

Discrete dummy variable indicator of whether complaint *k* for nurse *i* at facility *j* is

pre- or post-intervention.

Discrete dummy variable indicator of whether complaint *k* for nurse *i* at facility *j* is

in the March IMAI training cohort.

Discrete dummy variable indicator of whether complaint *k* for nurse *i* at facility *j* is

in the October IMAI training cohort.

The *l*th patient or nurse background characteristic covariate for complaint *k* for nurse

*i*  at facility *j*.

Random intercept for nurse *i.*

Random intercept for facility *j*.

Error term for facility *j*.

Error term for nurse *i* at facility *j*.

Error term for complaint *k* for nurse *i* at facility *j*.

The standard errors for the interaction parameters and are indicative of whether the training had a significant impact on the probability of agreement.