Table 6. Selected data testing model for predicting consistent-use pregnancy rate (Pearl index) from condom slippage and breakage data, and observed pregnancy rate, all by type of condom

Measure	Polyurethane	Latex
Model		
A. Number of failures per year*	10.7	2.0
B. Probability of fertile day†	0.195	0.195
C. Probability of conception‡	0.218	0.218
D. Probability of clinical pregnancy‡	0.759	0.759
E. Predicted number of pregnancies per 100 woman-years§	34.5	6.5
Observed		
Actual number of pregnancies per 100 woman-years**	5.9	2.5

*Obtained by multiplying the number of condoms used in one year (assumed based on data from the six-month efficacy data to be 10.5 per month, or 126 per year) by the clinical failure rate (estimated from the breakage and slippage data from the first five uses to be 0.085 for the polyurethane condom and 0.016 for the latex condom). †Calculated by dividing six assumed fertile days (source: reference 7) by an average cycle length of 30.83 days (estimated from six-month efficacy data). ‡Based on reference 7. §A x B x C x D x 100. **Calculated from a cycle of consistent use, adjusted for use of emergency contraception.