**S1 Table.** Additional mixed logit model results with and without interactions for a discrete choice experiment addressing facility preferences for delivery among women with recent deliveries, Pwani Region, Tanzania, 2012

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Base model** | | **w/ distance to nearest hospital interaction** | | | | **w/ delivery services received interaction** | | | | | **w/ ANC services received interaction** | | | | | |
| **Attribute** | **βa** | **p-value** | **βa** | | **p-value** | | **βa** | | | **p-value** | | **βa** | | | **p-value** | | |
| Facility has modern medical equipment & drugs | 0.66\* | <0.001 | 0.80\* | | <0.001 | | 0.45\* | | | <0.001 | | 0.70\* | | | <0.001 | | |
| Doctor has excellent medical knowledge | 0.89\* | <0.001 | 0.91\* | | <0.001 | | 0.57\* | | | <0.001 | | 0.67\* | | | <0.001 | | |
| Doctor treats patient kindly | 1.13\* | <0.001 | 1.11\* | | <0.001 | | 1.28\* | | | <0.001 | | 1.42\* | | | <0.001 | | |
| Facility is clean and tidy | 0.34\* | <0.001 | 0.28\* | | <0.001 | | 0.27\* | | | 0.002 | | 0.40\* | | | <0.001 | | |
| Patient has privacy for delivery | 0.29\* | <0.001 | 0.40\* | | <0.001 | | 0.42\* | | | <0.001 | | 0.44\* | | | <0.001 | | |
| Cost, TZSb | -0.01\* | <0.001 | -0.01\* | | <0.001 | | -0.02\* | | | 0.001 | | -0.02\* | | | 0.009 | | |
| **Interaction terms** |  |  |  | |  | |  | | |  | |  | | |  | | |
| Facility has modern medical equipment & drugs X covariate | - | - | -0.004\* | | 0.009 | | 0.03\* | | | 0.018 | | -0.01 | | | 0.731 | | |
| Doctor has excellent medical knowledge X covariate | - | - | 0.00 | | 0.921 | | 0.06\* | | | <0.001 | | 0.04\* | | | 0.040 | | |
| Doctor treats patient kindly X covariate | - | - | 0.00 | | 0.800 | | -0.03 | | | 0.187 | | -0.04 | | | 0.083 | | |
| Facility is clean and tidy X covariate | - | - | 0.00 | | 0.182 | | 0.02 | | | 0.220 | | -0.01 | | | 0.558 | | |
| Facility has privacy X covariate | - | - | -0.003\* | | 0.032 | | -0.01 | | | 0.407 | | -0.02 | | | 0.174 | | |
| Cost X covariate | - | - | 0.000 | | 0.573 | | 0.00 | | | 0.520 | | 0.00 | | | 0.740 | | |
| No. of respondents | 3,003 |  | 2,924 | |  | | 2081 | | |  | | 2815 | | |  | | |
| No. of observations | 23,947 |  | 23,315 | |  | | 16,594 | | |  | | 22,454 | | |  | | |
| Log-likelihood | -13,357 |  | -12,984 | |  | | -9,166 | | |  | | -12,448 | | |  | | |
| Likelihood ratio **χ**2 | 1,225 |  | 1,191 | |  | | 803 | | |  | | 1,164 | | |  | | |
| a The mean relative utility of each attribute conditional on the additional attributes in the choice set | | | | | | | | | | | | | | | |  | | |  |  |  |
| b Cost in 1000 TZS  \*Significant at α =0.05 | |  |  |  | |  | |  |  | |  | |  |  | | |  | |  |  |  |