Odds Ratios of BeSD Categories in Predicting Zero-Dose and Under-Immunized Status Thinking/Feeling Social Processes Practical Issues _Intercept 3. Negative Thinking/Feeling-3. Negative Norms 2. More Practical Issues 2. Moderate Thinking/Feeling 2. Positive Norms with low autonomy (Intercept) 1. Fewer Practical Issues (ref) 1. Positive Thinking/Feeling (ref) 1. Positive Norms (ref) Motivation Sex of HH Head Ethnicity of HH Head Setting Autre 2. Unmotivated or unsure Rural female Mungala Swahili Kongo Urban (ref) 1. Motivated (ref) male (ref) Luba (ref) Education Level of Caregiver Marital Status of Caregiver Age of Caregiver Religion of Caregiver No response No response Widowed Dont know 18-20 Divorced. Do not know: 21-25-Other: Revival/Independent Church 26-30 Single Secondary 31-35-Muslim -Separated: Primary-Kimbanguist[,] 36-40-41-45-Protestant: Never been to school-Common-law No religion-46-50 Married (ref) Higher (ref) Catholic (ref) > 50 (ref)0 2 Wealth Quintile Province tu Tshuapa Provincetp Tshopo Provincetn Tanganyika Provincesu Sud Ubangi Provincesn Sankuru Provincesh Sud Kivu Provincenu Nord Ubangi Provincenu Nord Wangi Provincenu Nord Kivu Provincenu Nord Kivu Provincenu Nord Kivu Provincenu Maniema Provincemn Maniema Provincemn Maniema Provincelm Lomami Provincelm Lomami Provinceks Kasai Provinceks Poorest Poorer Middle Richer Richest (ref) 0 Odds Ratio

◆ Under-Immunized versus Fully-Immunized ◆ Zero-Dose versus any vaccination