Determinants of protected tomato production technologies among smallholder peri-urban producers in Kiambu County, Kenya

Josiah M. Ateka, Robert Mbeche, Kavoi M. Muendo

Annex 1: Definition and measurement of variables

Variables	Definition and Measurement	Sign
Adoption	Dummy =1 if the household had adopted PFT and 0 otherwise	
Age of head	The age of the household head measured in years	+/-
Gender of head	Dummy =1 if the household head was male and 0 otherwise	+/-
Experience	The duration the household head has been practicing tomato farming measured in years	+
Education	The level of education of household head in years	+
Household size	The number of household members	-
Household income	The value of household income measured in US dollars	+
Distance all road	The distance to the nearest an all-weather road measured in kilometres	-
Access to input markets	The distance to the nearest input market measured in in kilometres	-
Access to credit	Dummy =1 if the household had obtained credit for agricultural purposes in the last cropping season (2014/2015) and 0 otherwise	+
Land tenure	Dummy=1 if the tomato plot was owned and 0 otherwise	+
Access to extension	Dummy =1 if household had received extension advice within the cropping season from a government extension agent	+
Farm size	The area of the plot under tomatoes in acres	+/-
Access to output markets	The distance to the nearest output market measured in in kilometres	-
Labour source	The category of labour applied by the household in the production of tomato in terms of; 1= family, 2 = hired, 3 = both).	+/-