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> Information Asymmetries in Crop Insurance: Theory and Experimental Evidence from the Philippines

> > Snaebjorn Gunnsteinsson' September 7, 2016

Asymmetric information can be costly in insurance markets and can even binder market development, as in the case for most agricultural insumace markets, I study information any assentation in cosp insumace in the Philippines using a machinish field experiment. Using a combination of perference dicitation, a two-level mademined allocation of insumace and detailed data collection. I stud for and find evidence of adverse selection, menul haused and their interaction - that is, selection on anticipated monal haused behavior. I conclude that information asymmetry problems are substantial in this content and that variations on this experimental design may be useful in future work for identifying interactions between choice and trustment effects,

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The incomes of small-scale farmers in developing countries are often very volatile. The structure of agricultural production, combined with exposure to weather variation, pests and crop diseases, and fluctuations in input and output prices, results in incomes that are both periodic and highly uncertain. This risk has important short and long term negative welfare consequen for households (Maccini and Yang, 2009; Currie and Vogl, 2013; Rose, 1999). It also depresses

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Information Asymmetries in Insurance: Theory and Experimental Evidence from the Philippines

Asymmetric information can be costly in insurance markets and can even hinder market development, as is the case for most agricultural insurance markets. I study information asymmetries in crop insurance in the Philippines using a randomized field experiment. Using a combination of preference elicitation, a two-level randomized allocation of insurance and detailed data collection, I test for and find evidence of adverse selection, moral hazard and their interaction - that is, selection on anticipated moral hazard behavior. I conclude that information asymmetry problems are substantial in this context and that variations on this experimental design may be useful in future work for identifying interactions between choice and treatment effects.



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