

# Supplementary Materials: Conventional, Partially Converted and Environmentally Friendly Farming in South Korea: Profitability and Factors Affecting Farmers' Choice

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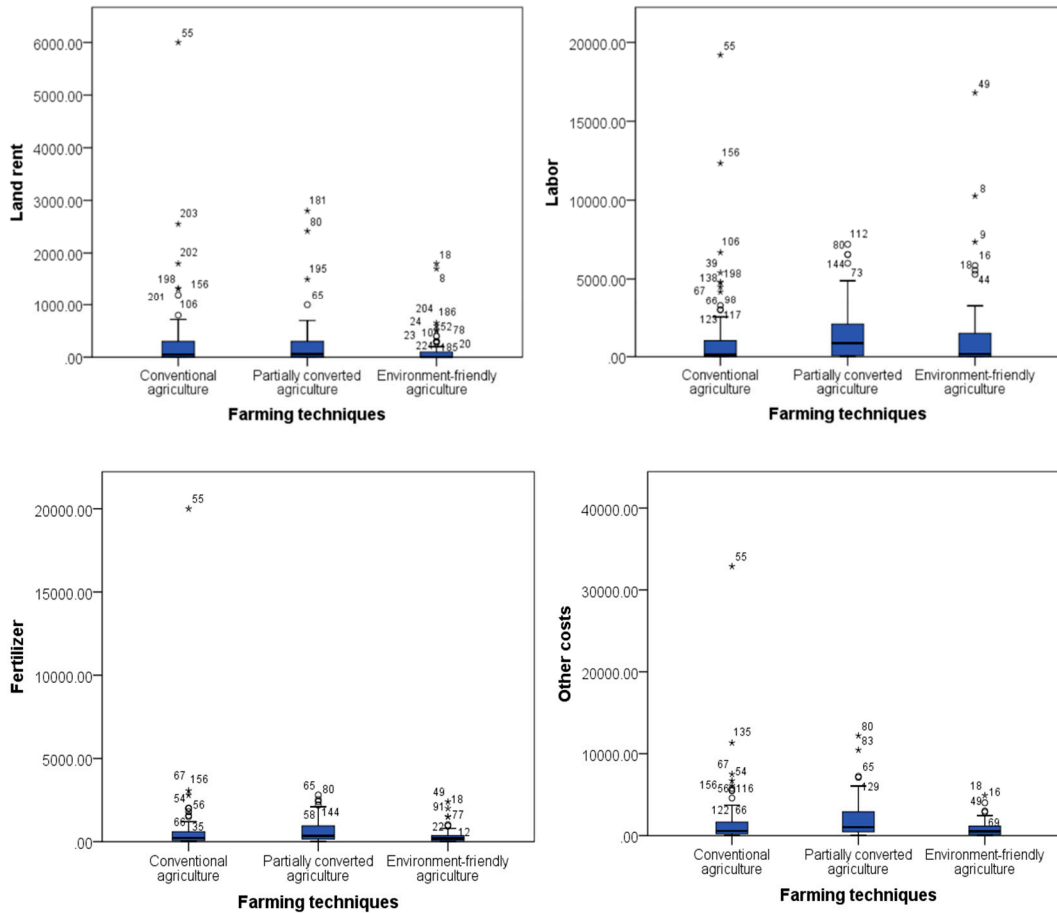


Figure S1. Distribution of costs per farm including outliers (N: 224).

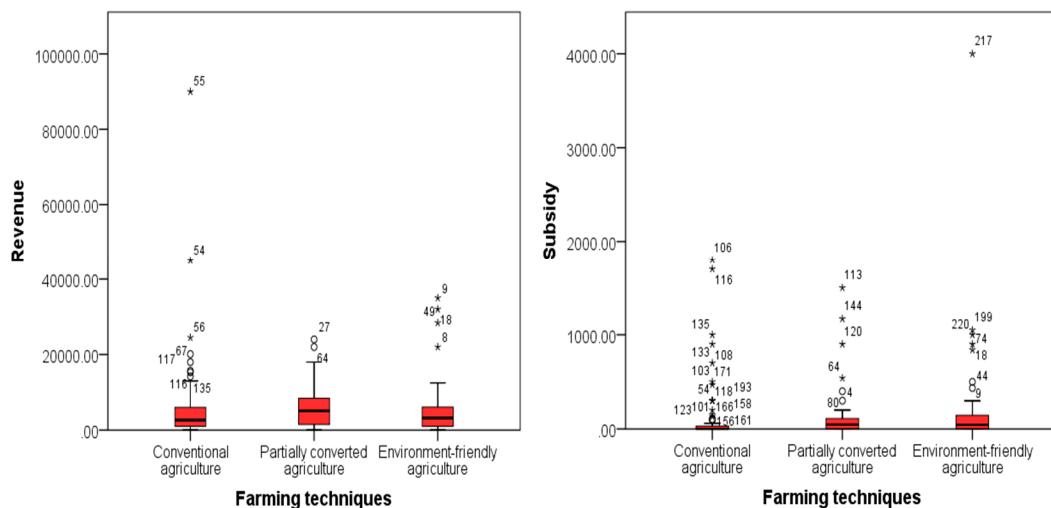


Figure S2. Cont.

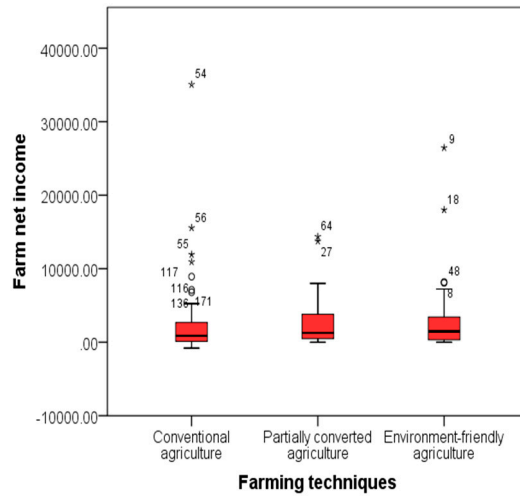


Figure S2. Distribution of benefits (red) per farm including outliers (N: 224).

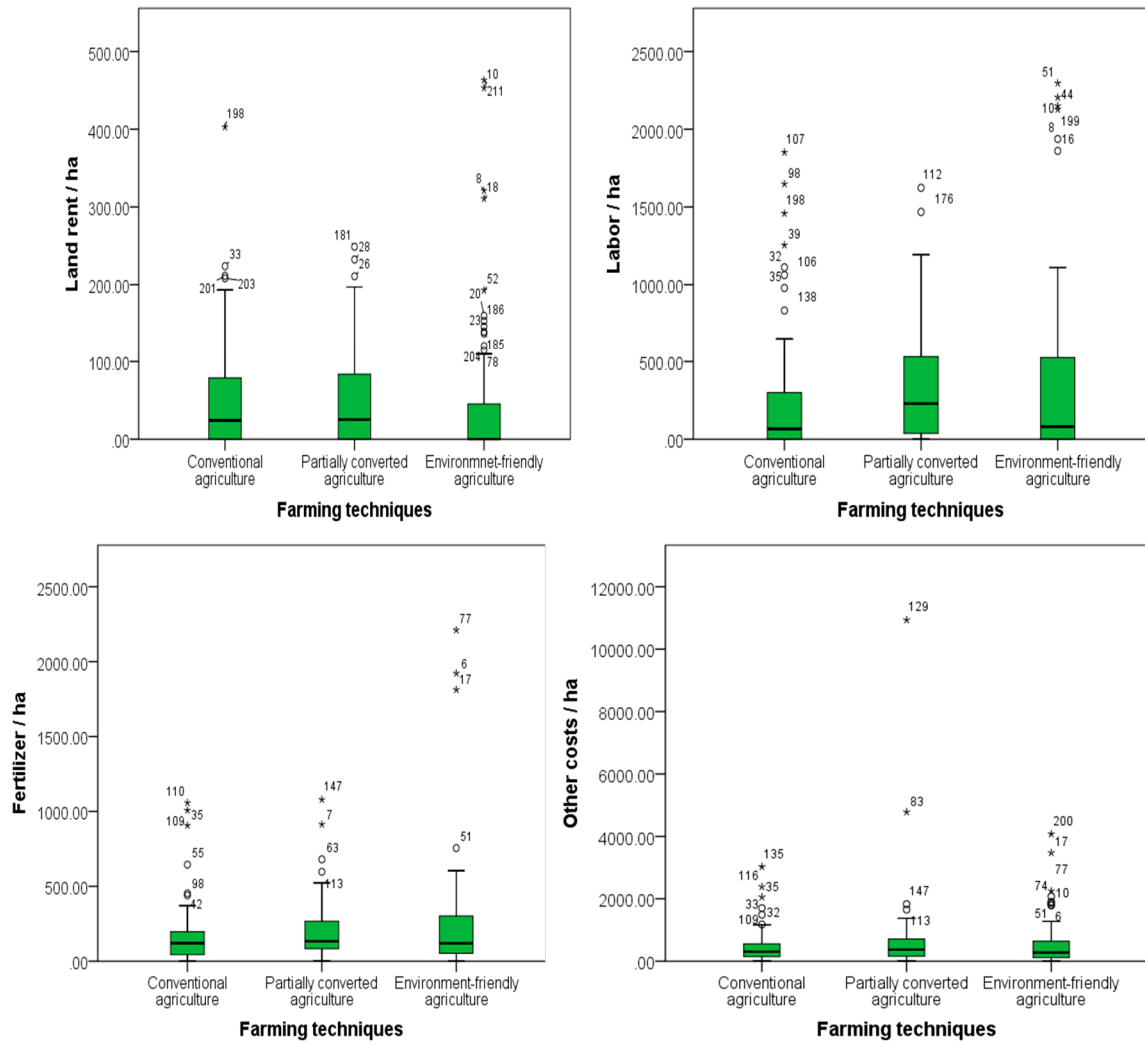


Figure S3. Distribution of costs per ha including outliers (N: 224).

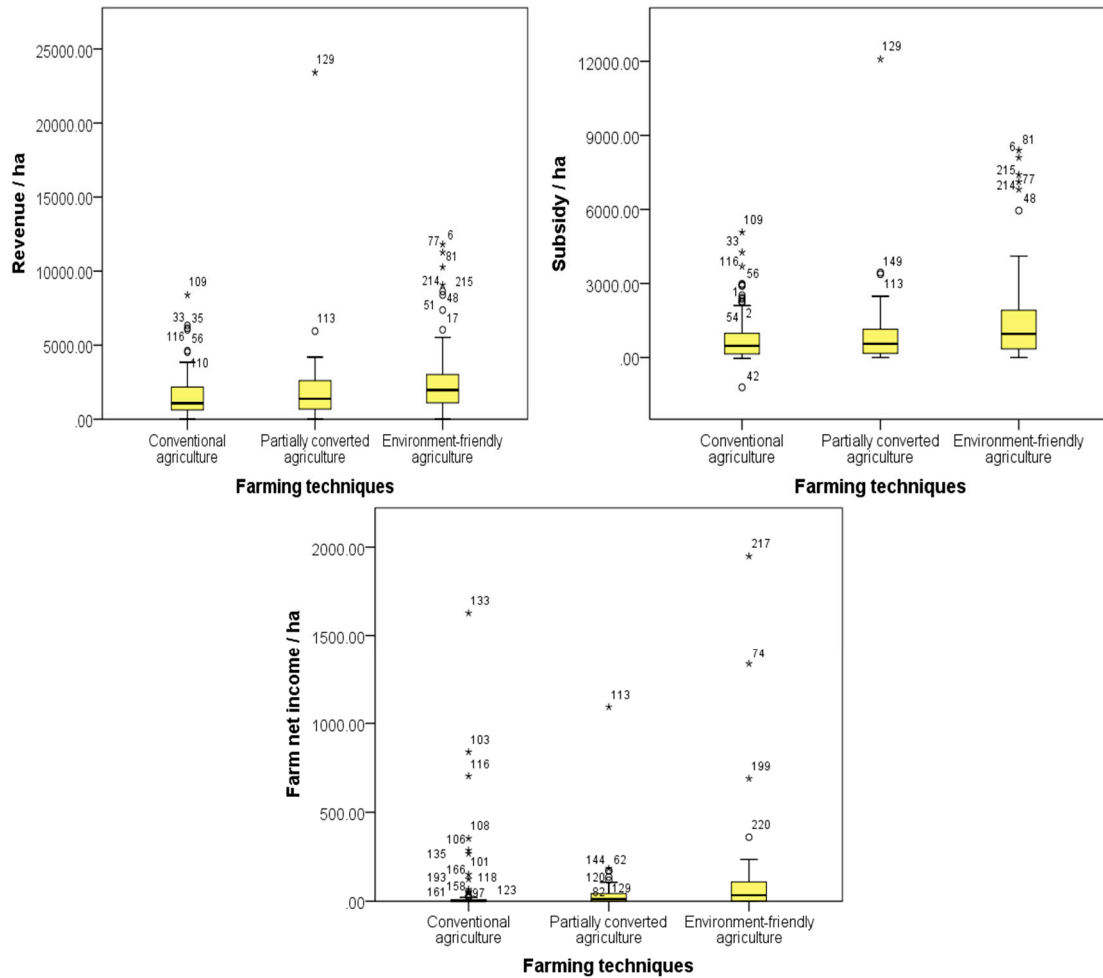


Figure S4. Distribution of benefits (yellow) per ha including outliers (N: 224).

Table S1. Total and organic cultivated area and the consumed quantity per ha of chemical fertilizers and pesticide in South Korea.

		2009	2010	2011	2012	2013
Total cultivated areas (1000 ha)		1795	1773	1756	1788	1769
Organic cultivated area (1000 ha)		13.3	15.5	19.3	25.5	21.2
Rate of organic cultivated area (%)		0.7	0.8	1.1	1.4	1.2
Chemical fertilizers	Total quantity consumed (1000 ton)	500	423	447	472	459
	The quantity consumed per ha (kg)	267	233	249	267	262
Pesticides	Total quantity consumed(1000 ton)	22.8	20.4	19.1	17.4	18.7
	The quantity consumed per ha (kg)	12.2	11.2	10.6	9.9	10.7

**Table S2.** Main crops in percentage of farmers cultivating it and its average farm size split by farming techniques (Conventional farming CF, Partially Converted farming PCF and Environment-Friendly Farming EFF).

Main Crops	CF (N:85)		PCF (N:65)		EFF (N:67)	
	Farmers Cultivating Crop (%)	Average Farm Size (ha) (Std. Dev.)	Farmers Cultivating Crop (%)	Average Farm Size (ha) (Std. Dev.)	Farmers Cultivating Crop (%)	Average Farm Size (ha) (Std. Dev.)
Chili	20.3	0.5 (0.6)	11.2	0.7 (0.7)	13.9	0.5 (0.5)
Chinese cabbage	4.1	1.4(1.1)	4.6	0.9 (0.6)	5.4	0.5 (0.4)
Chinese radish	6.5	1.6 (1.5)	6.0	1.2 (1.1)	3.9	0.6 (0.6)
Codonopsis lanceolata	1.0	0.6(0.3)	4.3	0.8 (0.6)	5.8	0.9(1.1)
Crown Daisy	1.0	0.2 (0.2)	9.7	0.2 (0.2)	9.3	0.2 (0.3)
Potato	14.8	1.3 (1.5)	14.6	0.9(1.0)	9.3	0.7 (0.7)
Rice	11.3	2.2 (3.8)	6.0	1.0 (0.7)	2.3	3.0 (2.3)
Soybean	14.4	1.0 (1.1)	9.5	1.8 (3.6)	5.0	1.0 (1.0)