

**Online Appendix for Additionality in Payment for Ecosystem Services Programs: Agricultural Conservation Subsidies in
Maryland**

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Table A1. Estimated Coefficients of Count Data Models

<i>Variable</i>	<i>No Control Function: Dependent Variable = Number of Practices Used</i>		<i>Control Function</i>			
			<i>First Stage: Dependent Variable = Number of Practices Cost-Shared</i>		<i>Second Stage: Dependent Variable = Number of Practices Used</i>	
	<i>Negative Binomial</i>	<i>Poisson</i>	<i>Negative Binomial</i>	<i>Poisson</i>	<i>Negative Binomial</i>	<i>Poisson</i>
Share of Operated Acreage Rented In	-0.188** (0.0958)	-0.177* (0.0930)	0.0434 (0.220)	0.0264 (0.196)	-0.156* (0.0938)	-0.151* (0.0912)
Acres Operated	0.113*** (0.0393)	0.109*** (0.0385)	0.0971 (0.0910)	0.0568 (0.0911)	0.100** (0.0404)	-0.0964** (0.0399)
Percent of Household Income from Farming	-0.000108 (0.00102)	-0.000149 (0.000991)	-0.00235 (0.00227)	-0.00182 (0.00207)	-0.000457 (0.00103)	0.000421 (0.000996)
Has 50 or More Animal Units (0/1)	0.133** (0.0666)	0.136** (0.0648)	0.649*** (0.142)	0.624*** (0.136)	0.196** (0.0834)	0.197** (0.0828)
Has 50 Acres or More of Corn, Soybeans, and Small Grains (0/1)	0.114 (0.115)	0.121 (0.114)	0.301 (0.242)	0.332 (0.238)	0.167 (0.119)	0.170 (0.119)
High School or Some College (0/1)	-0.0891 (0.113)	-0.0843 (0.110)	1.225*** (0.301)	1.245*** (0.295)	-0.0430 (0.126)	-0.0387 (0.126)
Completed College or Postgraduate Degree (0/1)	-0.00490 (0.128)	0.000183 (0.123)	1.797*** (0.322)	1.766*** (0.312)	0.0855 (0.178)	0.0859 (0.174)
Percent of Land with Moderate Slope	0.00130* (0.000728)	0.00124* (0.000703)	0.00300* (0.00164)	0.00291* (0.00157)	0.00157** (0.000744)	0.00153** (0.000738)
Percent of Land with Steep Slope	0.00433** (0.00177)	0.00439*** (0.00170)	0.00730 (0.00460)	0.00821* (0.00421)	0.00397** (0.00182)	0.00413** (0.00180)
Annual Farm Sales:)
\$1,000-2,499	0.376 (0.249)	0.381 (0.248)	0.928 (0.615)	0.922 (0.644)	0.401 (0.250)	0.403 (0.249)
\$2,500-4,999	0.775*** (0.262)	0.773*** (0.261)	0.844 (0.622)	0.923 (0.632)	0.732*** (0.264)	0.734*** (0.264)
\$5,000-9,999	0.775*** (0.243)	0.777*** (0.241)	1.412*** (0.539)	1.435** (0.564)	0.797*** (0.245)	0.797*** (0.245)
\$10,000-19,999	0.640**	0.640**	0.517	0.556	0.689***	0.690***

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	<i>Negative Binomial</i>	<i>Poisson</i>	<i>Negative Binomial</i>	<i>Poisson</i>	<i>Negative Binomial</i>	<i>Poisson</i>
	(0.252)	(0.252)	(0.609)	(0.632)	(0.252)	(0.253)
\$20,000-39,999	0.695*** (0.245)	0.713*** (0.240)	1.637*** (0.566)	1.722*** (0.591)	0.695*** (0.251)	0.708*** (0.246)
\$40,000-99,999	0.610** (0.242)	0.622*** (0.240)	1.787*** (0.557)	1.849*** (0.582)	0.590** (0.252)	0.598** (0.251)
\$100,000-249,999	0.776*** (0.240)	0.782*** (0.238)	1.994*** (0.555)	2.049*** (0.576)	0.816*** (0.252)	0.820*** (0.252)
\$250,000-499,999	0.807*** (0.246)	0.818*** (0.244)	1.741*** (0.587)	1.782*** (0.603)	0.807*** (0.253)	0.812*** (0.251)
\$500,000-999,999	0.673*** (0.261)	0.689*** (0.258)	1.760*** (0.621)	1.762*** (0.634)	0.700*** (0.267)	0.702*** (0.264)
\$1,000,000 or more	0.583** (0.283)	0.596** (0.280)	2.064*** (0.630)	2.237*** (0.654)	0.683** (0.315)	0.704** (0.323)
Constant	-0.558** (0.264)	-0.542** (0.264)	-4.558*** (0.607)	-4.366*** (0.620)	-0.514* (0.295)	-0.502* (0.294)
Observations	467	467	443	443	443	443
Robust standard errors in parentheses. ***, **, * denote significantly different from zero at 1%, 5%, and 10% levels, respectively.						