

Appendix B: Alternative Model Specifications

Table B1. Probit Model with Indicators for Levels of Perceived Consequentiality

	Conseq. Indicator
BWA small	0.00767*** (0.00290)
Tax amount	-0.00221*** (0.000515)
Conseq2 (C=2)	0.271* (0.143)
Conseq3 (C=3)	0.287** (0.136)
Conseq45 (C=4 or 5)	0.541*** (0.151)
Constant	-0.278* (0.145)
Observations	757
Log likelihood	-505.8
Chi-squared	37.19

Notes: BWA = boil water advisory.
Standard errors in parentheses.
Conseq2, Conseq3, and Conseq45 are
indicator variables for the level of
perceived consequentiality of
respondents.

* p < 0.10, ** p < 0.05, *** p < 0.01.

Table B2. Weighted Mean Annual Willingness to Pay for 10 Years for Programs to Reduce
Boil Water Advisories

	Conseq. Dummy	Special Regressor
One small BWA	2.750** (1.372)	1.003* (0.577)
Inconsequential program (reduce 25 small BWA)	26.90 (54.82)	-76.09 (295.3)
Consequential program (reduce 25 small BWA)	123.4*** (21.85)	26.38 (61.96)
<i>N</i>	586	586

Notes: BWA = boil water advisory. Standard errors in parentheses. * $p < 0.10$,
** $p < 0.05$, *** $p < 0.01$.

Table B3. WTP Sensitivities with Different Levels of Trimming and Winsorisation

	0.5% trim	0.5% winsor	2.5% trim	2.5% winsor	5% trim	5% winsor
Consequentiality Dummy (C>1=1)	77.68 (132.7)	48.03 (122.1)	223.4 (149.6)	52.66 (122.0)	226.9 (183.2)	53.77 (121.8)
BWA small	1.161*** (0.364)	1.265*** (0.353)	0.881** (0.388)	1.255*** (0.352)	0.890** (0.414)	1.253*** (0.352)
Constant	-84.07 (106.8)	-61.32 (98.75)	-201.8* (121.3)	-65.04 (98.60)	-208.3 (148.3)	-65.98 (98.48)
<i>N</i>	754	757	740	757	721	757

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$