

APPENDIX FOR READERS AND REVIEWERS

This Appendix provides additional tables to aid in the interpretation of “**Second-Generation Antipsychotic Use Among Stimulant-Using Children, by Organization of Medicaid Mental Health**”

The supplementary tables in this appendix are:

- **Unconditional Logistic Regression Estimates of Antipsychotic Use**
These tables do not condition on use of stimulants (they are estimated using all observations in the sample)
- **Poisson Regression Estimates of Antipsychotic Use**
These regressions emulate the main study regressions, but use a Poisson specification instead of logistic regression.
- **Main Logistic Regression Models Reweighting to Give Each County a Weight=1**
These regressions emulate the main study regressions, but the total number of observations in each county are reweighted so that each county has equal weight.
- **Main Logistic Regression Models Restricting to 2008 Years**
These regressions emulate the main study regressions, but restrict data to 2008.
- **Main Logistic Regression Models Adjusting for Prior Authorization**
These regressions emulate the main study regressions, but also include controls for states that a study reviewer indicated implemented prior authorization policies.
- **Demographics of Full Sample (Not Conditioning on Stimulant Use)**
These tables represent the descriptive characteristics of the full sample.

Unconditional Logistic Regression Estimates of Antipsychotic Use

	Odds Ratio	95% Confidence Interval		P-Value	Odds Ratio	95% Confidence Interval		P-Value
Foster Youth								
Carve-out	Ref				Ref			
Fee-for-Service	2.84	2.15	3.76	0.00	2.36	1.93	2.88	0.00
Integrated	1.63	1.33	1.99	0.00	1.97	1.57	2.46	0.00
SSI								
Carve-out	Ref				Ref			
Fee-for-Service	1.88	1.56	2.26	0.00	1.59	1.34	1.90	0.00
Integrated	1.33	1.11	1.59	0.00	1.45	1.18	1.77	0.00
TANF								
Carve-out	Ref				Ref			
Fee-for-Service	2.28	1.57	3.31	0.00	1.70	1.26	2.29	0.00
Integrated	1.21	0.78	1.87	0.40	1.10	0.67	1.80	0.71

Poisson Regression Estimates of Antipsychotic Use

	Est	95% Confidence Interval		P-Value	Est	95% Confidence Interval		P-Value
Foster Youth								
Carve-out	Ref				Ref			
Fee-for-Service	0.31	0.15	0.48	0.00	0.25	0.14	0.36	0.00
Integrated	0.17	0.05	0.29	0.01	0.31	0.14	0.48	0.00
SSI								
Carve-out	Ref				Ref			
Fee-for-Service	0.16	0.06	0.27	0.00	0.16	0.05	0.27	0.00
Integrated	0.11	0.01	0.21	0.03	0.25	0.09	0.42	0.00
TANF								
Carve-out	Ref				Ref			
Fee-for-Service	0.08	-0.12	0.29	0.43	0.10	-0.09	0.28	0.30
Integrated	0.11	-0.13	0.34	0.37	0.31	0.04	0.59	0.02

Main Logistic Regression Models Reweighting to Give Each County a Weight=1

	95% Confidence			<i>P</i> -Value	95% Confidence			<i>P</i> -Value
	Est	Interval			Est	Interval		
Foster Youth								
Carve-out	Ref				Ref			
Fee-for-Service	1.48	1.25	1.76	0.00	1.35	1.14	1.59	0.00
Integrated	1.22	0.98	1.50	0.07	1.34	0.98	1.82	0.07
SSI								
Carve-out	Ref				Ref			
Fee-for-Service	1.23	1.08	1.40	0.00	1.27	1.08	1.50	0.00
Integrated	1.25	0.99	1.57	0.07	1.53	1.17	2.00	0.00
TANF								
Carve-out	Ref				Ref			
Fee-for-Service	1.23	0.91	1.65	0.18	1.33	0.98	1.79	0.06
Integrated	1.21	0.92	1.59	0.18	1.61	1.14	2.28	0.01

Main Logistic Regression Models Restricting to 2008 Years

	95% Confidence			<i>P</i> -Value	95% Confidence			<i>P</i> -Value
	Est	Interval			Est	Interval		
Foster Youth								
Carve-out	Ref				Ref			
Fee-for-Service	1.56	1.18	2.04	0.00	1.52	1.22	1.90	0.00
Integrated	1.20	0.98	1.47	0.07	1.56	1.15	2.11	0.00
SSI								
Carve-out	Ref				Ref			
Fee-for-Service	1.26	1.06	1.48	0.01	1.30	1.10	1.54	0.00
Integrated	1.20	0.99	1.46	0.06	1.51	1.14	2.00	0.00
TANF								
Carve-out	Ref				Ref			
Fee-for-Service	1.09	0.83	1.44	0.53	1.07	0.83	1.39	0.59
Integrated	1.09	0.80	1.48	0.59	1.32	0.92	1.91	0.13

Main Logistic Regression Models Adjusting for Prior Authorization

	Est	95% Confidence Interval		P-Value	Est	95% Confidence Interval		P-Value
Foster Youth								
Carve-out	Ref				Ref			
Fee-for-Service	1.54	1.23	1.94	0.00	1.45	1.19	1.77	0.00
Integrated	1.44	1.21	1.72	0.00	1.62	1.23	2.14	0.00
SSI								
Carve-out	Ref				Ref			
Fee-for-Service	1.23	1.07	1.41	0.00	1.26	1.05	1.52	0.01
Integrated	1.30	1.09	1.55	0.00	1.47	1.11	1.93	0.01
TANF								
Carve-out	Ref				Ref			
Fee-for-Service	1.07	0.88	1.30	0.49	1.07	0.85	1.34	0.58
Integrated	1.23	0.95	1.60	0.11	1.39	1.02	1.91	0.04

Demographics of Full Sample (Not Conditioning on Stimulant Use)

	Carve-out	Fee-for-service	Integrated
Eligibility category (% of column)			
Foster care	5.5	3.9	5.2
SSI	3.8	6.8	6.2
TANF	90.7	89.3	88.7
Sex			
Male	49.9	50.9	50.6
Age group (% of column)			
3-5 years	22.9	27.5	21.4
6-11 years	37.8	38.7	38.4
12-18 years	39.3	33.8	40.2
Race/ethnicity (% of column)			
White	14.6	24.8	31.8
Black	24.3	35.1	58.9
Latino	55.4	37.8	6.4
Other	5.6	2.3	2.9