

Supplemental materials for:

Huguet N, Valenzuela S, Marino M, et al. Following uninsured patients through medicaid expansion: ambulatory care use and diagnosed conditions. *Ann Fam Med*. 2019;17(4):336-344.

Supplemental Appendix 1: Logit coefficient of discrete overall ambulatory care utilization for each insurance group using a Poisson mixed-effects model

Independent Variable	Estimate	95% CI	P Value
Insurance Group			
Continuously Uninsured	Reference		
Gained Medicaid	0.027	0.012, 0.042	0.001
Gained Other Insurance	0.205	0.190, 0.219	<0.001
Period			
Pre-ACA	Reference		
Post-ACA	-0.052	-0.060, -0.044	<0.001
Insurance Group*Period			
Continuously Uninsured*Pre-ACA	Reference		
Gained Medicaid*Post-ACA	0.320	0.308, 0.331	<0.001
Gained Other Insurance*Post-ACA	0.403	0.391, 0.414	<0.001
Age in years			
19 – 64	Reference		
27 – 44	0.128	0.113, 0.144	<0.001
45 – 64	0.237	0.221, 0.254	<0.001
Race/Ethnicity			
Non-Hispanic White	Reference		
Hispanic	0.054	0.036, 0.072	<0.001
Other ¹	-0.031	-0.048, -0.013	0.001
Preferred Language			
English	Reference		
Non-English ²	0.038	0.021, 0.055	<0.001
Sex			
Female	Reference		
Male	-0.149	-0.159, -0.139	<0.001
Federal Poverty Level			
≤138%	Reference		
>138%	-0.096	-0.111, -0.082	<0.001
No Information	-0.129	-0.155, -0.104	<0.001
Clinic Location			
Rural	Reference		
Urban	-0.151	-0.292, -0.010	0.035
Charlson Comorbidity Index Score			
0	Reference		
≥ 1	0.448	0.437, 0.459	<0.001

Pre-ACA: 1/1/2012 to 12/31/2013; Post-ACA: 1/1/2014 to 12/31/2015. Visits refer to ambulatory care only. Overall ambulatory care utilization includes all billable encounters. *Continuously Uninsured*: all pre-period visits were uninsured and all post-period visits were uninsured. *Gained Medicaid*: all pre-period visits were uninsured and all post-period visits were covered by Medicaid with the following exception - to allow for time to enroll in Medicaid, the first visit post-ACA could be uninsured. *Gained Other Insurance*: all pre-period visits were uninsured and during the post-period, visits were covered by other insurance types or insurance patterns (churning).¹Other includes Missing, Non-Hispanic black, and Non-Hispanic other race. ²Non-English includes No Information, Other, or Spanish.

Supplemental Appendix 2: Logit coefficient of categorical overall ambulatory care utilization (1-2, 3-5 or ≥6 visits) for each insurance group using ordinal logistic mixed-

Independent Variable	Estimate	95% CI	P Value
Insurance Group			
Continuously Uninsured	Reference		
Gained Medicaid	-0.046	-0.094, 0.001	0.055
Gained Other Insurance	0.390	0.342, 0.438	<0.001
Period			
Pre-ACA	Reference		
Post-ACA	-0.395	-0.429, -0.360	<0.001
Insurance Group*Period			
Continuously Uninsured*Pre-ACA	Reference		
Gained Medicaid*Post-ACA	1.155	1.101, 1.208	<0.001
Gained Other Insurance*Post-ACA	1.569	1.511, 1.626	<0.001
Age in years			
19 – 64	Reference		
27 – 44	0.371	0.327, 0.415	<0.001
45 – 64	0.677	0.630, 0.724	<0.001
Race/Ethnicity			
Non-Hispanic White	Reference		
Hispanic	0.270	0.218, 0.323	<0.001
Other ¹	-0.061	-0.114, -0.009	0.023
Preferred Language			
English	Reference		
Non-English ²	0.210	0.161, 0.259	<0.001
Sex			
Female	Reference		
Male	-0.421	-0.451, -0.392	<0.001
Federal Poverty Level			
≤138%	Reference		
>138%	-0.226	-0.267, -0.184	<0.001
No Information	-0.371	-0.446, -0.296	<0.001
Clinic Location			
Rural	Reference		
Urban	0.282	-0.028, 0.591	0.075

Charlson Comorbidity Index Score

0	Reference		
≥ 1	1.277	1.244, 1.310	<0.001

Pre-ACA: 1/1/2012 to 12/31/2013; Post-ACA: 1/1/2014 to 12/31/2015. Visits refer to ambulatory care only. Overall ambulatory care utilization includes all billable encounters. *Continuously Uninsured*: all pre-period visits were uninsured and all post-period visits were uninsured. *Gained Medicaid*: all pre-period visits were uninsured and all post-period visits were covered by Medicaid with the following exception - to allow for time to enroll in Medicaid, the first visit post-ACA could be uninsured. *Gained Other Insurance*: all pre-period visits were uninsured and during the post-period, visits were covered by other insurance types or insurance patterns (churning).¹Other includes Missing, Non-Hispanic black, and Non-Hispanic other race. ²Non-English includes No Information, Other, or Spanish.