

Table S4. Patient characteristics odds ratios by latent class.

	Class 1 Chronic Pain	Class 2 Alcohol Use	Class 3 Depression & Pain	Class 4 Psychosis, Liver Disease, & Polysubstance Use	Class 5 Pregnancy
Age	ref	1.00	1.00	1.00	0.92
Sex					
Female	ref	0.29	1.44	0.53	N/A
Male					
Payer					
Medicare	ref	ref	ref	ref	ref
Medicaid	ref	2.07	0.70	1.19	50
Private	ref	1.28	0.60	0.59	33.33
Self-pay	ref	2.49	0.40	1.05	20
No charge	ref	3.98	0.48	1.43	25
Other	ref	1.34	0.45	0.59	20
Median income					
Top quartile	ref	ref	ref	ref	ref
2 nd quartile	ref	0.97	1.12	0.89	0.91
3 rd quartile	ref	1.13	1.24	0.93	0.88
4 th quartile	ref	1.45	1.40	1.00	0.79
Urbanicity					
Central metropolitan	ref	ref	ref	ref	ref
Fringe metropolitan	ref	0.94	1.25	0.85	0.72
250-999K	ref	0.80	1.29	0.79	0.66
50-250K	ref	0.80	1.15	0.70	0.57
Micropolitan	ref	0.61	1.20	0.65	0.53
Non-core	ref	0.56	1.09	0.61	0.49