

Appendix Table 4: Bootstrapping, long-term opioid use

Initial Provider	N	OR (95% CI) bootstrapping	Long-term use, OR (95% CI)
Physical therapy	200	0.26 (0.16, 0.50)	0.27 (0.15,0.48)
Chiropractor	200	0.22 (0.18, 0.26)	0.22 (0.18,0.26)
Acupuncture	200		0.07 (0.01,0.48)
Orthopedics	200	1.09 (0.92, 1.31)	1.10 (0.92,1.30)
Emergency Medicine	200	0.92 (0.77, 1.11)	0.92 (0.77,1.10)
Neurosurgeon	200	1.45 (0.88, 2.75)	1.50 (0.88,2.58)
MD Other	200	2.02 (1.71, 2.41)	2.03 (1.70,2.41)
Radiology	200	1.22 (1.08, 1.38)	1.22 (1.08,1.39)
Rehab	200	1.77 (1.42, 2.26)	1.78 (1.40,2.26)
Other	200	0.88 (0.69, 1.14)	0.88 (0.70,1.11)

Appendix Table 4 Legend: Sample size for acupuncture was too small to report for bootstrapping.