Long-term Direct and Indirect Economic Burden Associated with Osteoporotic Fracture in US Postmenopausal Women

Osteoporosis International

Oth Tran, Stuart Silverman, Xiaoqing Xu, Machaon Bonafede, Kathleen M. Fox, Michele McDermott, and Shravanthi R. Gandra

Corresponding Author: Oth Tran, IBM Watson Health., 75 Binney St, Cambridge, MA 02142, otran@us.ibm.com

Supplementary Table 1: Follow-up total all-cause healthcare costs of patients with vertebral and non-hip non-vertebral (NHNV) fractures and their matched controls during year 1 to year 5 post-index among commercially-insured and Medicare-insured patients. **p<0.001

		Year 1	Year 2	Year 3	Year 4	Year 5
Vertebral Fracture						
Commercial	Fracture Patients	\$49,165	\$25,540	\$24,136	\$23,509	\$23,656
		(\$95,332)	(\$56,704)	(\$56,954)	(\$69,706)	(\$58,159)
	Controls	\$9,561	\$10,004	\$10,133	\$9,854	\$10,869
		(\$24,098)**	(\$25,412)**	(\$23,837)**	(\$22,611)**	(\$33,116)**
Medicare	Fracture Patients	\$41,445	\$25,588	\$24,155	\$24,981	\$25,017
		(\$64,455)	(\$52,722)	(\$40,755)	(\$45,858)	(\$44,097)
	Controls	\$14,229	\$14,634	\$14,804	\$15,339	\$14,995
		(\$33,212)**	(\$31,334)**	(\$38,362)**	(\$38,033)**	(\$34,217)**
NHNV Fracture						
Commercial	Fracture Patients	\$27,282	\$14,008	\$13,809	\$13,373	\$13,827
		(\$47,949)	(\$36,932)	(\$39,276)	(\$30,325)	(\$34,442)
	Controls	\$9,549	\$9,774	\$10,080	\$10,367	\$10,632
		(\$25,818)**	(\$27,116)**	(\$26,195)**	(\$28,888)**	(\$31,764)**
Medicare	Fracture Patients	\$37,805	\$20,437	\$20,463	\$19,846	\$19,637
		(\$57,341)	(\$46,483)	(\$47,029)	(\$46,112)	(\$49,255)
	Controls	\$14,273	\$14,547	\$14,833	\$15,125	\$14,441
		(\$32,898)**	(\$33,228)**	(\$33,203)**	(\$35,069)**	(\$33,698)**