

TABLE E-1 Characteristics of the Patients*

	Baseline (N = 505†)	Patients with Follow-up Data (N = 332)	Patients without Follow-up Data (N = 173)	P Value
Mean age (and stand. dev.) (yr)	75 ± 12	74 ± 11.2	77 ± 12.9	0.005
Female	417 (83)	284 (86)	133 (77)	0.015
College or university education (n = 504)	86 (17)	60 (18)	26 (15)	0.403
Has marital partner	244 (48)	165 (50)	79 (46)	0.389
Current smoker (n = 504)	65 (13)	43 (13)	22 (13)	0.959
Primary residence urban	276 (55)	174 (52)	102 (59)	0.171
Mother had fracture	101 (20)	75 (23)	26 (15)	0.12
Father had fracture	22 (4)	15 (5)	7 (4)	0.63
Present fracture				0.046
Wrist	223 (44)	153 (46)	70 (40)	
Hip	181 (36)	106 (32)	75 (43)	
Shoulder	90 (18)	65 (20)	25 (14)	
Spine	3 (1)	1 (0.3)	2 (1)	
Other	8 (2)	7 (2)	1 (1)	
Prior fracture(s)	146 (29)	92 (28)	54 (31)	0.410
Bone mineral testing previously performed	235 (47)	180 (54)	55 (32)	<0.001
Self-report of osteoporosis	197 (39)	144 (43)	53 (31)	0.005
Fracture caused by osteoporosis (n = 495)	80 (16)	59 (18)	21 (12)	0.122
Mean FOOQ score (and stand. dev.) (points)	12.4 ± 3.9	12.6 ± 3.8	11.8 ± 3.9	0.072
First-line therapy for osteoporosis at baseline	118 (23)	86 (26)	32 (18)	0.062
Calcium for osteoporosis at baseline	135 (27)	97 (29)	38 (22)	0.081
Vitamin D for osteoporosis at baseline	135 (27)	97 (29)	38 (22)	0.081

*Except where otherwise indicated, the values are given as the number of patients with the percentage in parentheses. †The denominator is shown in the first column when it was less than 505.

TABLE E-2 Bone Mineral Density Testing Status and Results as Reported at Time of Six-Month Follow-up* (N = 332)

	On-Off	On-On	Off-Off	Off-On
Bone mineral density performed within past 6 mo	2	17	85	64
Results of bone mineral density if reported				
Osteoporosis	2	10	22	41
Osteopenia	0	2	23	13
Normal	0	0	24	4
Don't know	0	4	15	6

*The values are given as the number of patients.

TABLE E-3 Results of First Logistic Regression Analysis: “Off-On” (1) Versus “Off-Off” (0)* (N = 228)

	Unstandardized Coefficient (Stand. Error)	Adjusted Odds Ratio	95% Confidence Interval for Odds Ratio	R ² (Cox and Snell; Nagelkerke)
Constant	−2.47 (0.55)			
Demographics				
Sex (female)	0.88 (0.49)	2.4	0.93-6.24	
Education (higher)	−0.96 (0.46)†	0.38	0.16-0.94	
Residence (rural)	−0.37 (0.31)	0.69	0.38-1.26	0.06; 0.09
Baseline variables				
Ever had bone mineral density test‡ (yes)	0.33 (0.33)	1.40	0.73-2.68	
Self-report of osteoporosis (yes)	0.86 (0.42)†	2.36	1.04-5.32	
Fracture caused by osteoporosis (yes)	0.50 (0.49)	1.65	0.63-4.34	0.10; 0.13
Bone mineral density test in 6 mo between screening and follow-up (yes)	1.42 (0.36)§	4.15	2.03-8.47	0.16; 0.23

*R² = 0.16 (Cox and Snell), 0.23 (Nagelkerke); model $\chi^2(7) = 40.58$, $p < 0.001$; Hosmer and Lemeshow goodness of fit $p = 0.16$; receiver operating characteristic area = 0.74. † $P < 0.05$. ‡“Don't know” was excluded as only ten respondents indicated that they did not know whether they had had a bone mineral density test. § $P < 0.001$.

TABLE E-4 Results of Second Logistic Regression Analysis: “Off-On” (1) Versus “On-On” (0)* (N = 145)

	Unstandardized Coefficient (Stand. Error)	Adjusted Odds Ratio	95% Confidence Interval for Odds Ratio	R ² (Cox and Snell; Nagelkerke)
Constant	1.54 (0.89)			
Demographics				
Age (≥65 yr)	−0.69 (0.63)	0.50	0.15-1.73	
Education (higher)	−2.03 (0.67)†	0.13	0.04-0.49	0.04; 0.05
Baseline variables				
Fracture location‡				
Wrist	−0.03 (0.53)	0.97	0.35-2.73	
Shoulder	−0.55 (0.65)	0.58	0.16-2.08	
Prior fracture (yes)	−1.29 (0.49)†	0.28	0.10-0.72	
Ever had bone mineral density test (yes)§	−1.42 (0.56)#	0.24	0.08-0.72	
Fracture caused by osteoporosis (yes)	−0.48 (0.50)	0.62	0.23-1.66	0.25; 0.34
Bone mineral density test in 6 mo between screening and follow-up (yes)§	2.46 (0.49)**	11.67	4.52-30.19	0.40; 0.53

*R² = 0.40 (Cox and Snell), 0.53 (Nagelkerke); model $\chi^2(8) = 73.37$, $p < 0.001$; Hosmer and Lemeshow goodness of fit $p = 0.67$; receiver operating characteristic area = 0.88. †P < 0.01. ‡Hip fracture is the reference category; “other fractures” and “fractures of the spine” were excluded as only five patients presented with those fractures. §“Don’t know” was excluded as only six and three respondents indicated that they did not know whether they had had a bone mineral density test (ever, and in the six months between screening and follow-up, respectively). #P < 0.05. **P < 0.001.