

NAME: GLOW Study, GLOW Data  
SIZE: 500 observations, 15 variables

SOURCE: Hosmer, D.W., Lemeshow, S. and Sturdivant, R.X. (2013) Applied Logistic Regression: Third Edition.

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DESCRIPTIVE ABSTRACT:

These data are described in Section 1.6.3 page 24 of the source text.

**Code Sheet for Variables in the GLOW Study**

Variable	Description	Codes/Values	Name
1	Identification Code	1 – <i>n</i>	SUB_ID
2	Study Site	1 - 6	SITE_ID
3	Physician ID code	128 unique codes	PHY_ID
4	History of Prior Fracture	1= Yes 0 = No	PRIORFRAC
5	Age at Enrollment	Years	AGE
6	Weight at enrollment	Kilograms	WEIGHT
7	Height at enrollment	Centimeters	HEIGHT
8	Body Mass Index	Kg/m <sup>2</sup>	BMI
9	Menopause before age 45	1= Yes 0 = No	PREMENO
10	Mother had hip fracture	1= Yes 0 = No	MOMFRAC
11	Arms are needed to stand from a chair	1= Yes 0 = No	ARMASSIST

12	Former or current smoker	1= Yes 0 = No	SMOKE
13	Self-reported risk of fracture	1= Less than others of the same age 2= Same as others of the same age 3= Greater than others of the same age	RATERISK
14	Fracture Risk Score	Composite Risk Score *	FRACSCORE
15	Any fracture in first year	1= Yes 0 = No	FRACTURE

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\*: FRACSCORE =

$$\begin{aligned}
&0 \times (AGE \leq 60) + 1 \times (60 < AGE \leq 65) + 2 \times (65 < AGE \leq 70) \\
&+ 3 \times (70 < AGE \leq 75) + 4 \times (75 < AGE \leq 80) + 5 \times (80 < AGE \leq 85) \\
&+ 6 \times (AGE > 85) + (PRIORFRAC = 1) + (MOMFRAC = 1) \\
&+ (WEIGHT < 56.8) + 2 \times (ARMASSIST = 1) + (SMOKE = 1)
\end{aligned}$$


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