

# Variable description

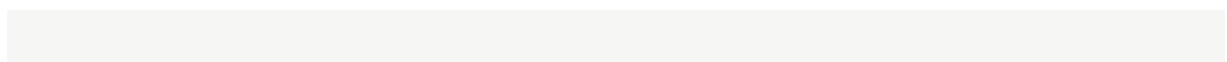
The support dataset contains data from patients from Phases I & II of SUPPORT (Study to Understand Prognoses Preferences Outcomes and Risks of Treatment).

The label (variable Y of interest) is the variable « charges » (total hospital costs or possibly study length of stay).

See the following reference for more information about the SUPPORT study (funded by the Robert Wood Johnson Foundation): Knaus WA, Harrell FE, Lynn J *et al.* (1995): The SUPPORT prognostic model:

You may want to use the following normal values that have been found to be satisfactory in imputing missing baseline physiologic data:

<u>Baseline Variable</u>	<u>Normal Fill-in Value</u>
Serum albumin	3.5
PaO <sub>2</sub> /FiO <sub>2</sub> ratio (p a f i)	333.3
Bilirubin	1.01
Creatinine	1.01
BUN	6.51
White blood count	9 (thousands)
Urine output	2502



	Name	Labels	L e v e l s	Storage
1	age	Age		double
2	sex		<u>2</u>	integer
3	hospdead	Death in Hospital		double
4	slos	Days from Study Entry to Discharge		double
5	d.time	Days of Follow-Up		double
6	dzgroup		<u>8</u>	integer
7	dzclass		<u>4</u>	integer
8	num.co	number of comorbidities		double
9	edu	Years of Education		double
10	scoma	SUPPORT Coma Score based on Glasgow D3		double
11	charges	Hospital Charges		double
12	avtisst	Average TISS, Days 3-25		double
13	race		<u>5</u>	integer
14	hday	Day in Hospital at Study Admit		double
15	diabetes	Diabetes (Com 27-28, Dx 73)		double
16	dementia	Dementia (Comorbidity 6)		double
17	ca		<u>3</u>	integer
18	meanbp	Mean Arterial Blood Pressure Day 3		double
19	wblc	White Blood Cell Count Day 3		double
20	hrt	Heart Rate Day 3		double
21	resp	Respiration Rate Day 3		double
22	temp	Temperature (celcius) Day 3		double
23	pafi	PaO2/(.01*FiO2) Day 3		double
24	alb	Serum Albumin Day 3		double
25	bili	Bilirubin Day 3		double
26	crea	Serum creatinine Day 3		double
27	sod	Serum sodium Day 3		double
28	bun	BUN Day 3		double

29	urine	Urine Output Day 3		double
30	adlsc	Imputed ADL Calibrated to Surrogate		double
31	id	Patient id		double

Variable	Levels
sex	female
	male
dzgroup	ARF/MOSF w/Sepsis
	COPD
	CHF
	Cirrhosis
	Coma
	Colon Cancer
	Lung Cancer
	MOSF w/Malig
dzclass	ARF/MOSF
	COPD/CHF/Cirrhosis
	Coma
	Cancer
	\$11-\$25k
race	white
	black
	asian
	other
	hispanic
ca	no
	yes
	metastatic