



Seasonal Effect Data Set – Data Dictionary

Position	Variable	Variable Label	Units	Codes
1	Age	Patient's age	years	
2	Female	Female		0 = No 1 = Yes
3	Race	Race		1 = White 2 = Black 3 = Others
4	BMI	Body Mass index	kg/m ²	
5	ASAstatus	American Society of Anesthesiologist physical status		1 = normal healthy patient 2 = mild systemic disease 3 = severe systemic disease 4 = severe systemic disease (constant threat to life)
6	Diabetes	Diabetes		0 = No 1 = Yes
7	ChronicRenalFailure	Chronic renal failure		0 = No 1 = Yes
8	PreopSteroids	Preoperative usage of steroids		0 = No 1 = Yes
9	Emergency	Emergency case		0 = No 1 = Yes
10	DurationSurgery	Duration of surgery	hours	
11	VitaminD	Vitamin D levels	ng/mL	
12	Season	Season		1 = Fall 2 = Winter 3 = Spring 4 = Summer
13	RBC	RBC transfusion	mL	
14	SSI	surgical site infection		0 = No 1 = Yes