EXERCISE 1: PRATT INDEX

Regression output

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.997[a]	.995	.994	.437

a. Predictors: (Constant), BSA Body Surface Area, Age Age, in years, Weight Weight, in kg

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	-13.667	2.647		-5.164	.000			
	Age Age, in years	.702	.044	.323	15.961	.000	.659	.970	.295
	Weight Weight, in kg	.906	.049	.717	18.490	.000	.950	.977	.341
	BSA Body Surface Area	4.627	1.521	.116	3.042	.008	.866	.605	.056

a. Dependent Variable: BP Blood Pressure
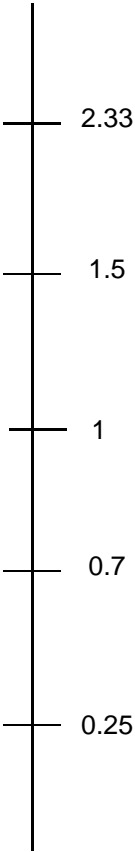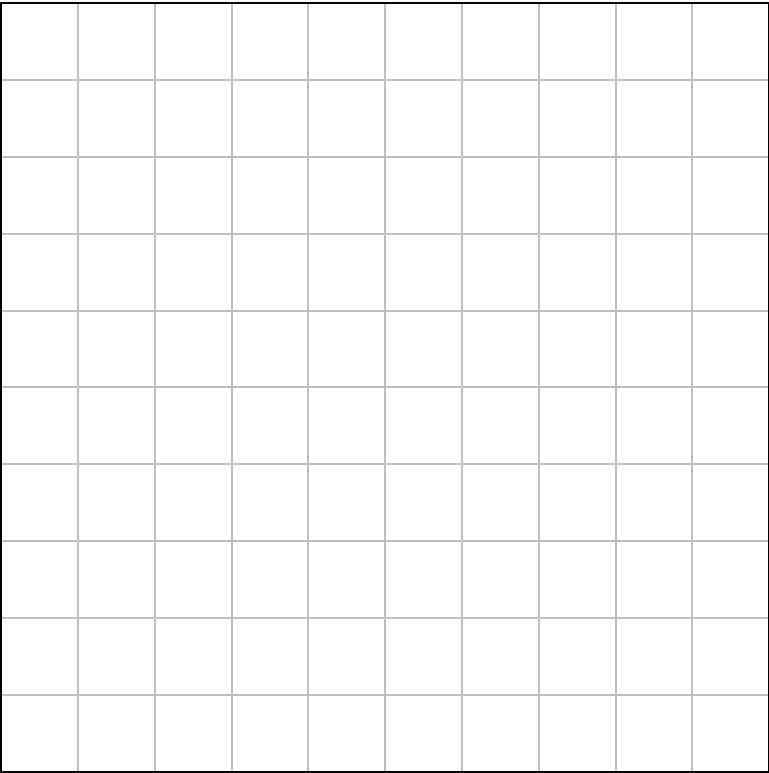
Pratt Index Worksheet

Variable	β	r	β*r	%
Age in years				
Weight in kg				
Body Surface Area (BSA)				
SUM	—	—		

EXERCISE 2: MOSAIC PLOT

Input table

sex * survived Crosstabulation

			survived 0	survived 1	Total
sex	0 male	Count	708	142	850
		% within sex	**83.3%**	**16.7%**	100.0%
		% within survived	81.9%	31.6%	**64.7%**
	1 female	Count	156	307	463
		% within sex	**33.7%**	**66.3%**	100.0%
		% within survived	18.1%	68.4%	**35.3**%
Total		Count	864	449	1313
		% within sex	65.8%	34.2%	100.0%
		% within survived	100.0%	100.0%	100.0%

Mosaic Plot Worksheet

- 2.33
- 1.5
- 1
- 0.7
- 0.25

EXERCISE 3: PLOTTING ODDS

Odds of survival: Female = 2; Male = 0.2