

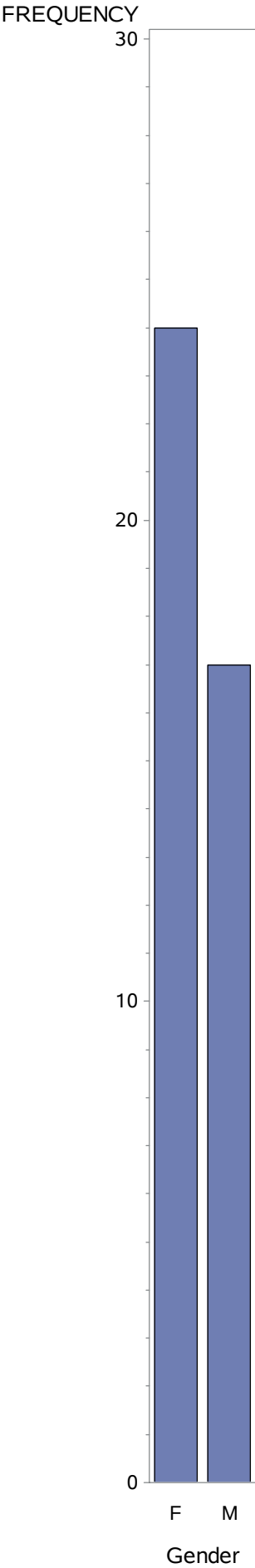
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1 ods pdf file = '/home/u61979420/PSTAT130Sections/section9.pdf';
2 ods html close;
3 data person1;
4 set '/home/u61979420/PSTAT130Files/person1.sas7bdat';
5 where JobCode = 'TA1' | JobCode = 'TA2' | JobCode = 'TA3';
6 run;
7 /* 1a) Produce a vertical bar chart that displays the number of male and female ticket
8 agents (Gender values are M and F).
9 1b) Save the chart to an HTML document file. Add an appropriate title. */
10 ods html file = '/home/u61979420/PSTAT130Sections/ticketagentgender.html';
11 proc gchart data = person1;
12 vbar Gender;
13 title 'Number of Ticket Agents by Gender';
14 run;
15 ods html close;
16 /* 1c) Create a pie chart to compare salaries of each ticket agent job level. Each pie slice
17 should represent the average salary for one of the three Jobcode values. Use the
18 ODS style Banker, and add an appropriate title.
19 1d) Enhance the pie chart by exploding the slice that represents the TA3 value of
20 JobCode. Change the font color for the title to red. */
21 ods html file = '/home/u61979420/PSTAT130Sections/ticketagentjobcode.html' style= Banker;
22 proc gchart data = person1;
23 pie JobCode / sumvar = Salary type = mean explode = 'TA3';
24 title color = RED 'Summary of Average Ticket Agent Salary';
25 run;
26 ods html close;
27 *2;
28 ods html file = '/home/u61979420/PSTAT130Sections/diabetescharts.html' style = Torn;
29
30 data diabetes;
31 set '/home/u61979420/PSTAT130Files/diabetes.sas7bdat';
32 run;
33

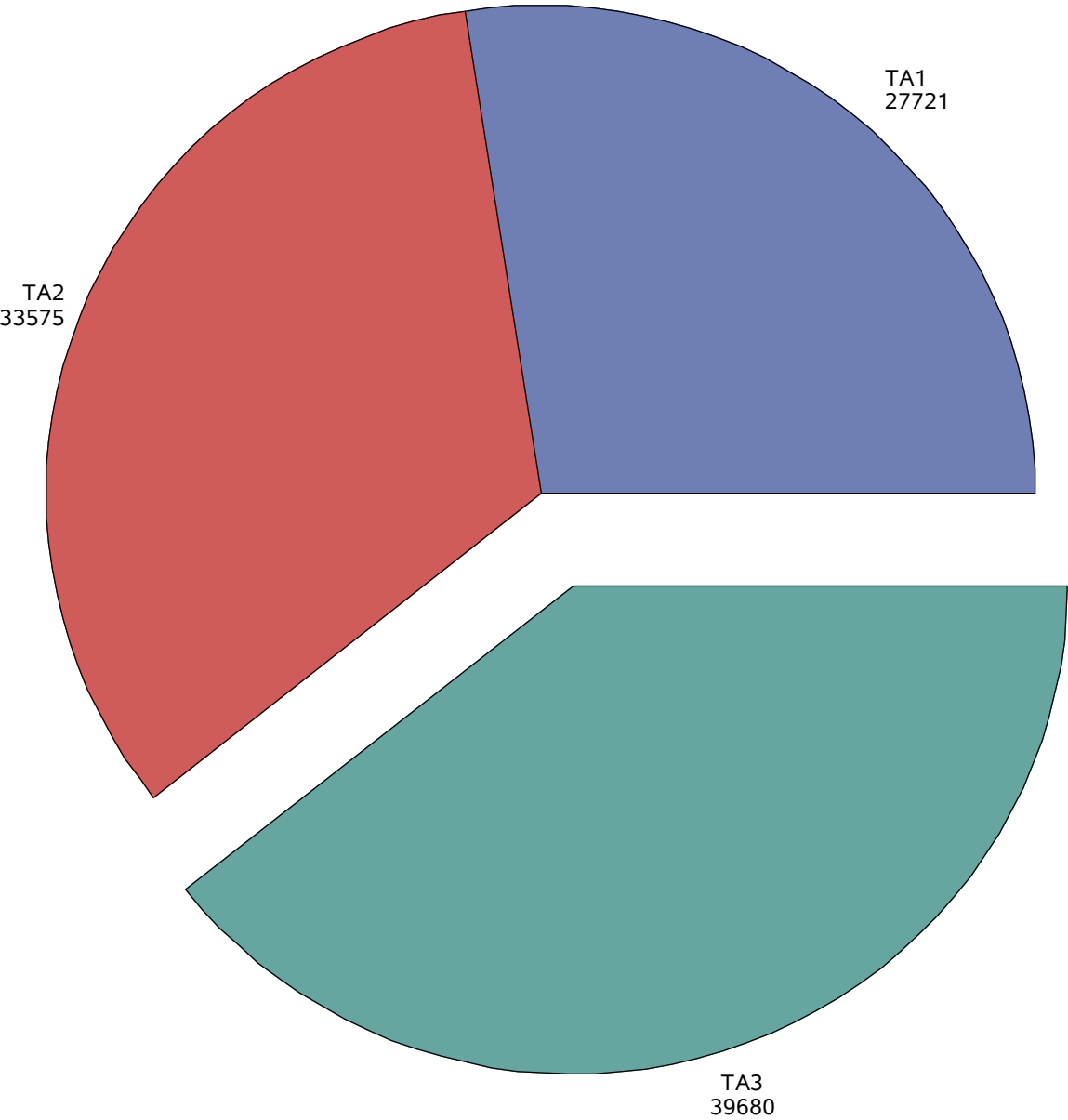
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34 proc gplot data = diabetes;
35 title;
36 title 'Diabetes Patients';
37 plot Weight * Age / vaxis = 75 to 250 by 25;
38 symbol V=circle color=blue i = rl;
39 label Weight = 'Patient Weight (lbs)' Age = 'Patient Age';
40 plot Postgluc * Fastgluc / vaxis = 100 to 750 by 50 haxis= 100 to 750 by 50;
41 label Postgluc = 'Post Meal Glucose' Fastgluc = 'Fasting Glucose';
42 run;
43 ods html close;
44 ods pdf close;
```

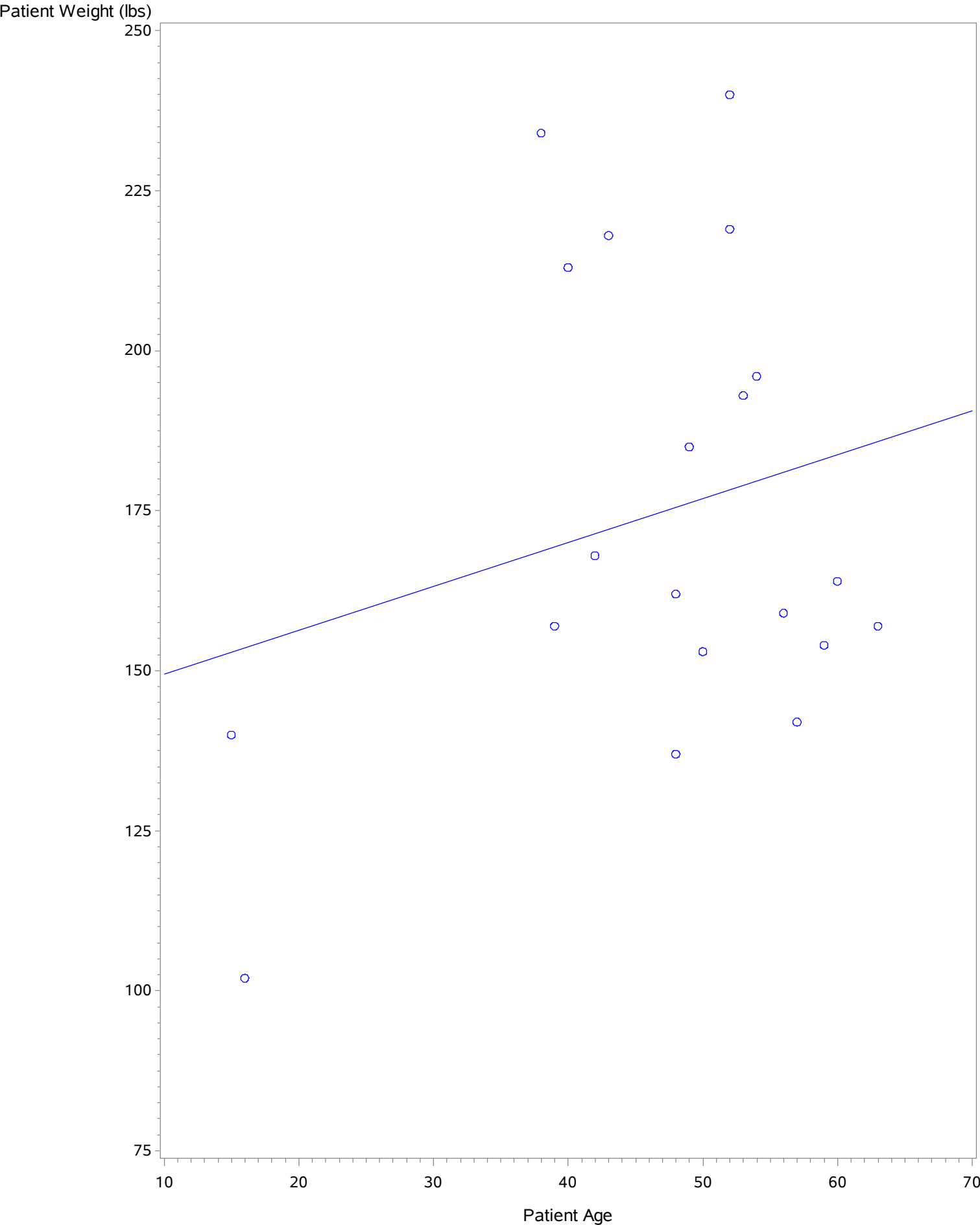
Number of Ticket Agents by Gender



Summary of Average Ticket Agent Salary
MEAN of Salary by JobCode



Diabetes Patients



Diabetes Patients

