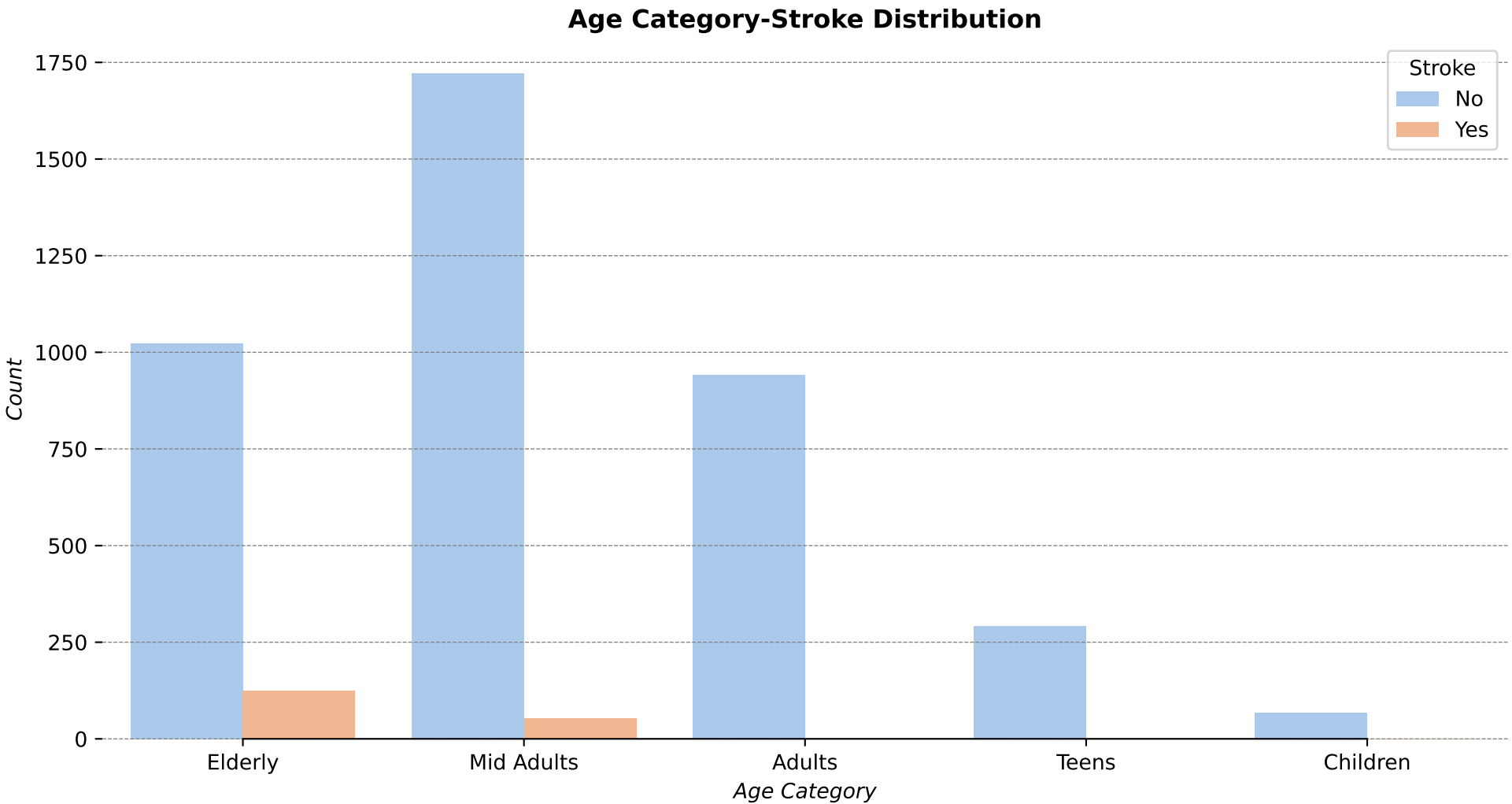
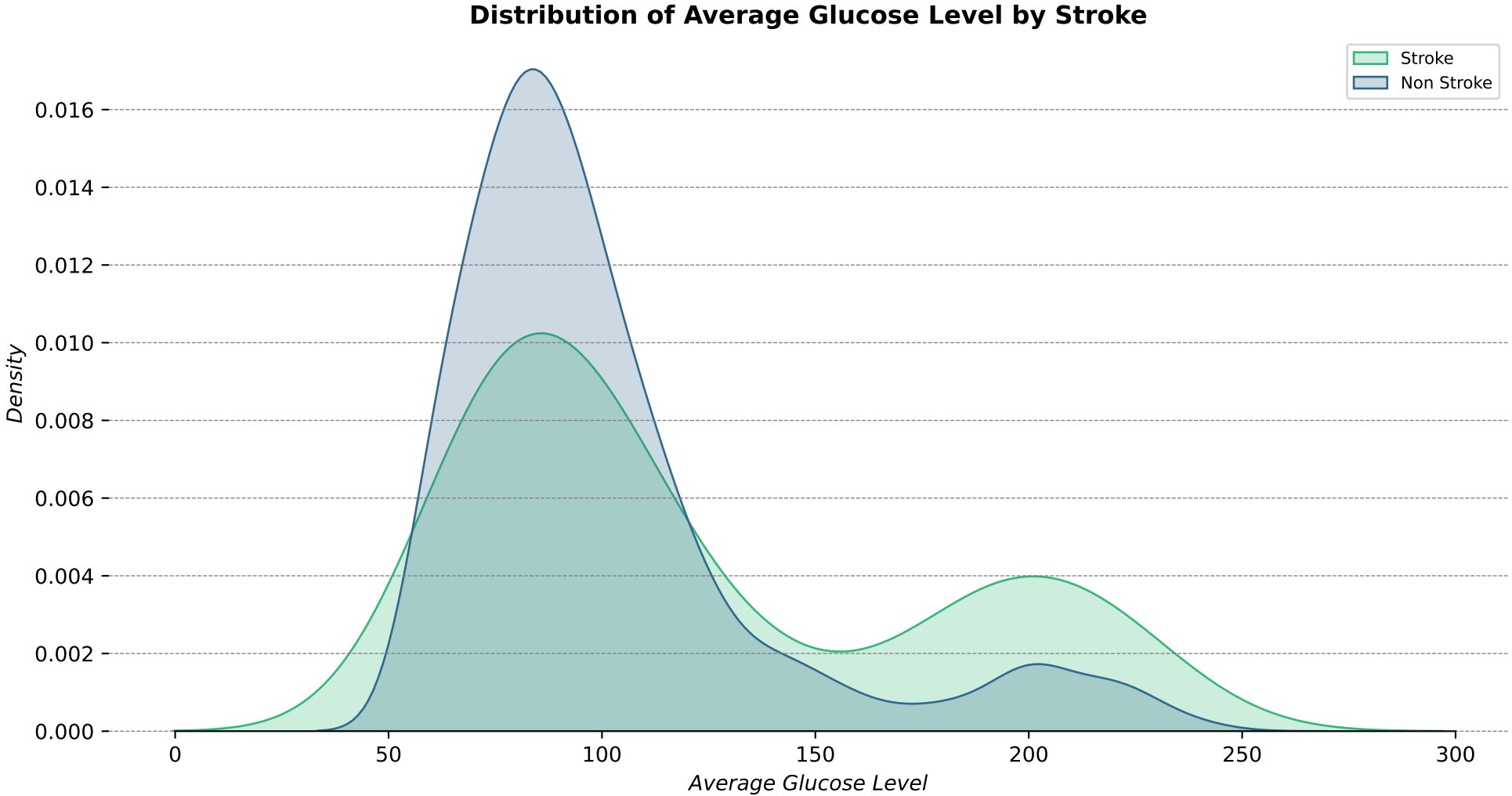
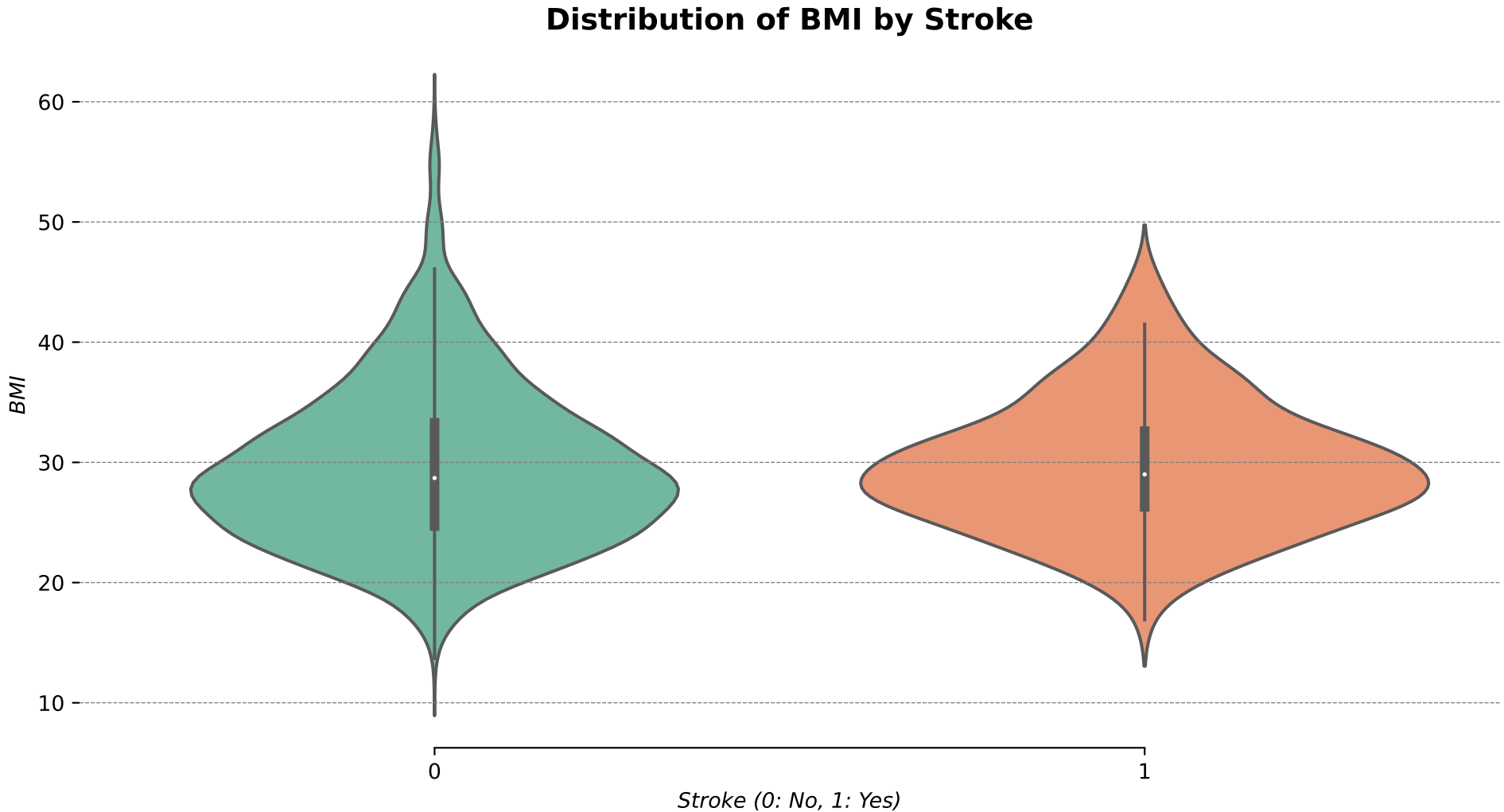
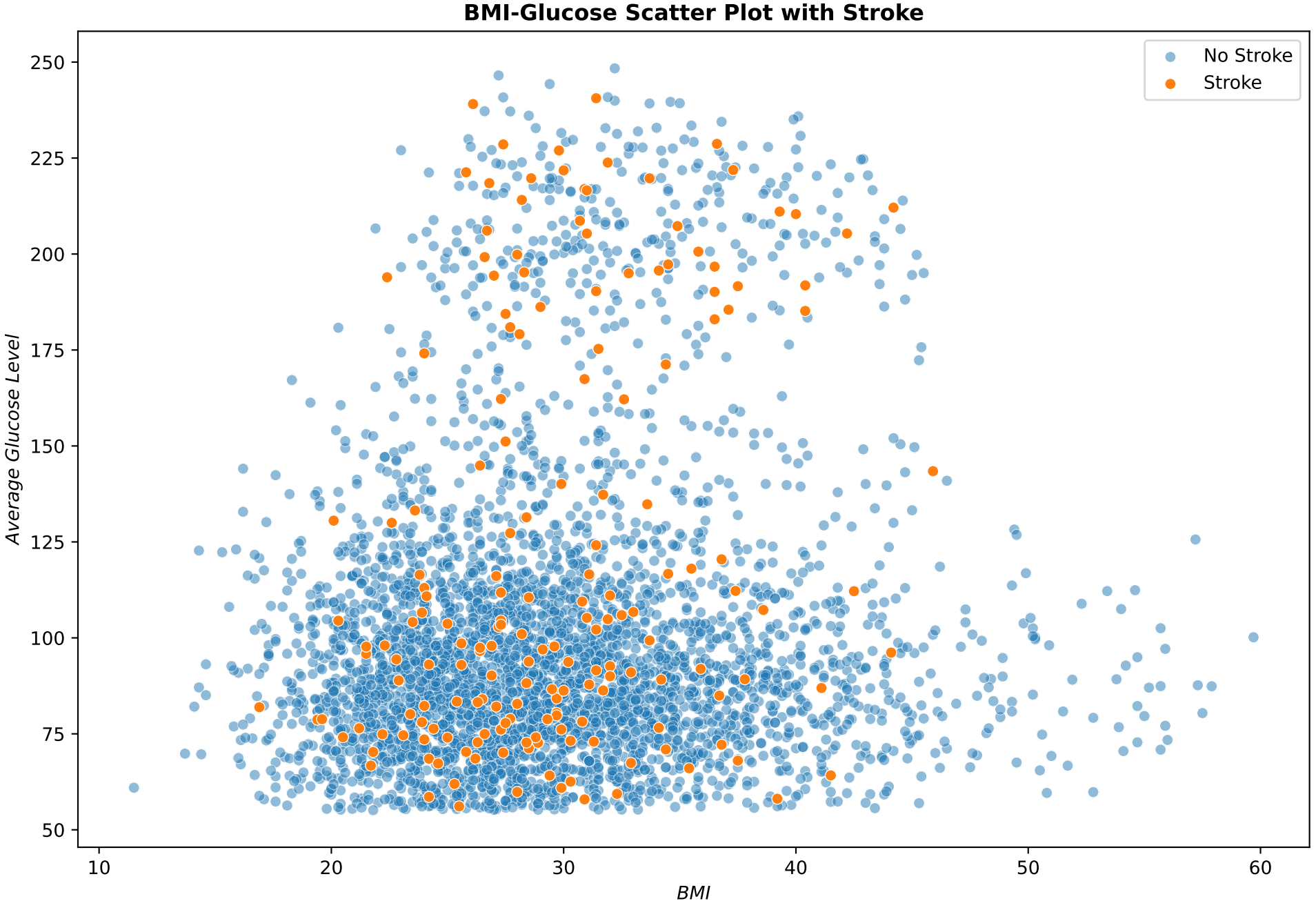
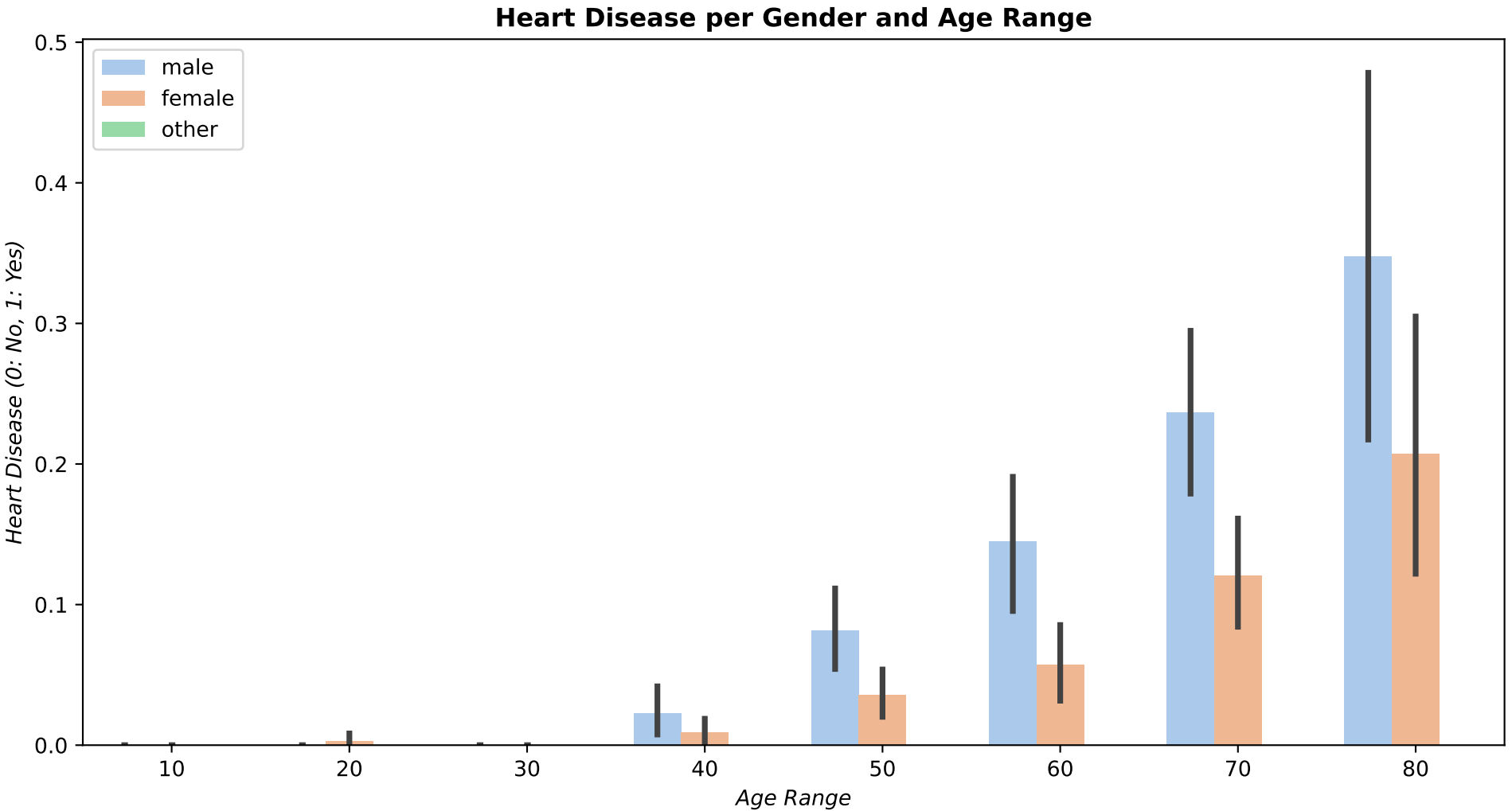
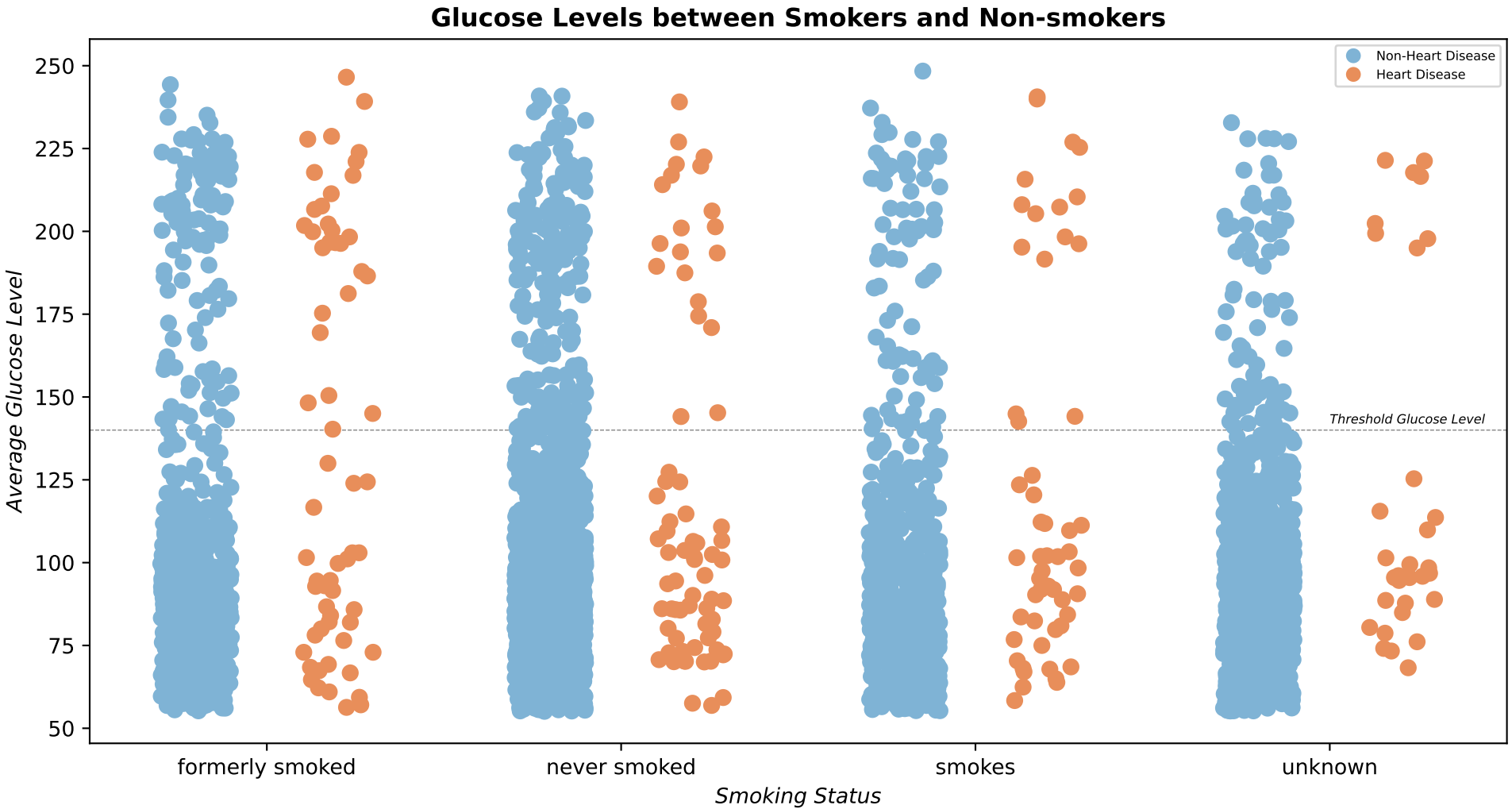

Age Category-Stroke Distribution
Stroke
No
Yes
1750
1500
1250
1000
750
500
250
0
Count
Elderly
Mid Adults
Adults
Teens
Children
Age Category

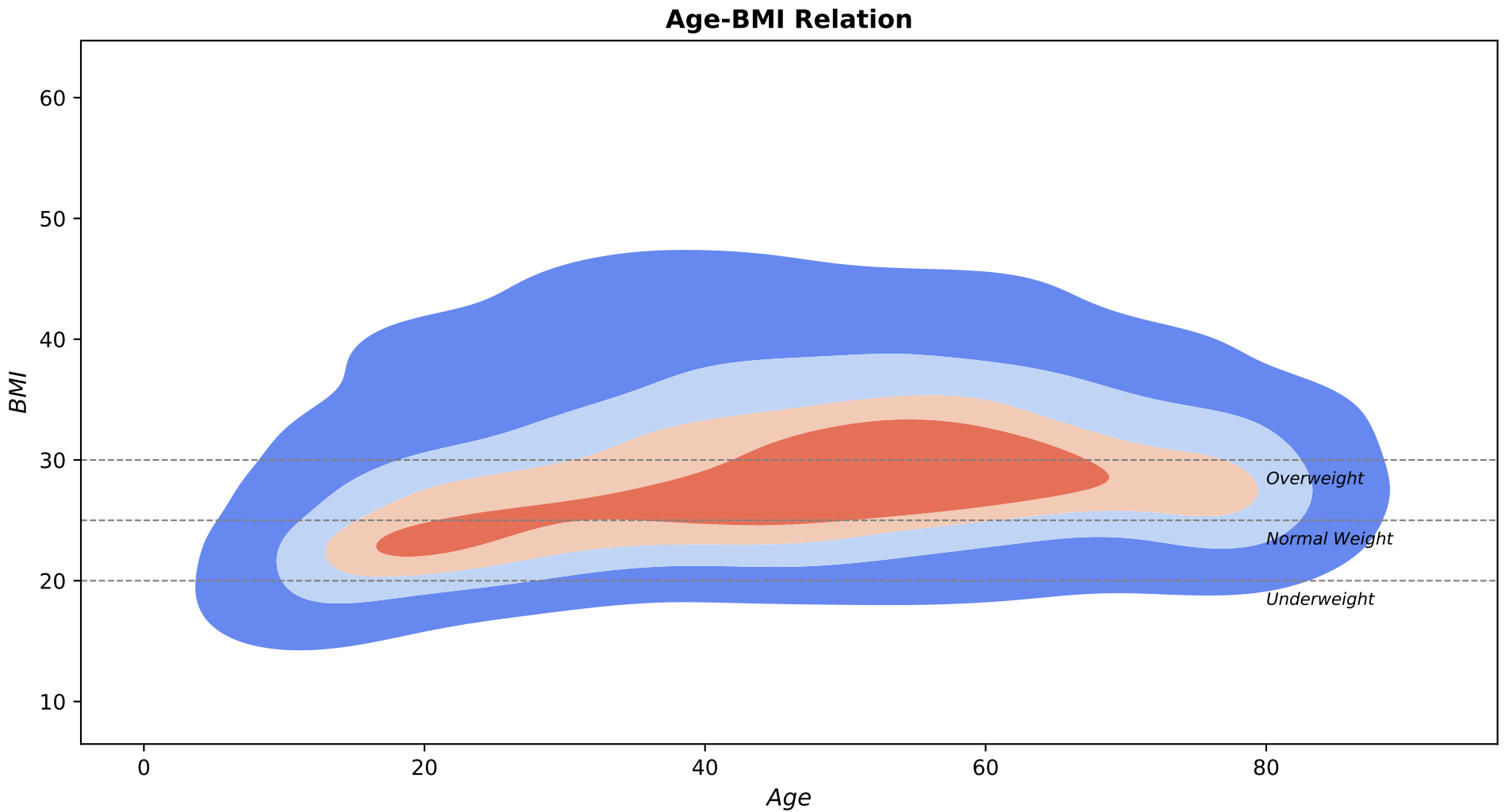

Distribution of Average Glucose Level by Stroke
Stroke
Non Stroke
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
Density
0
50
100
150
200
250
300
Average Glucose Level

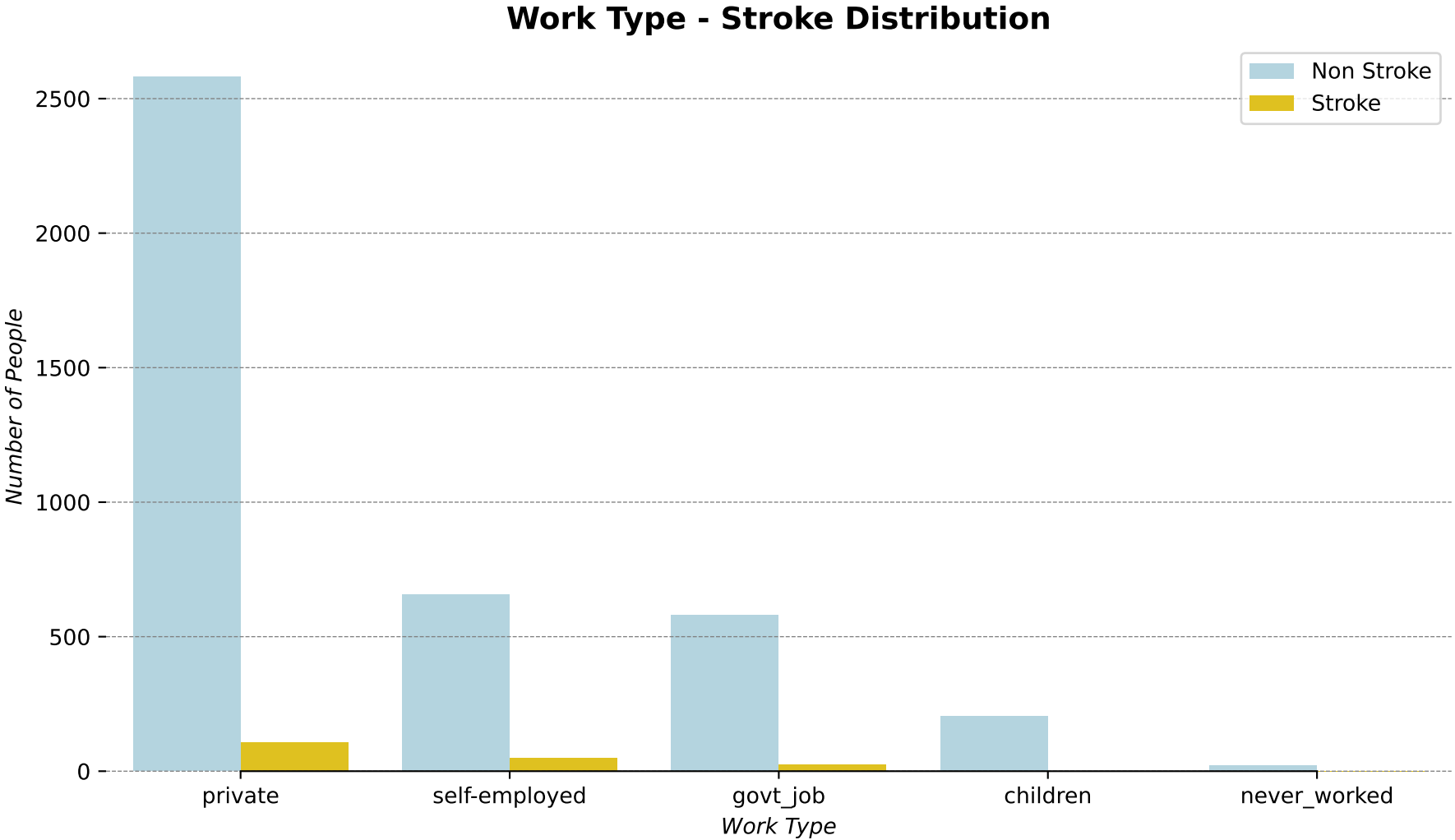

Distribution of BMI by Stroke
BMI
60
50
40
30
20
10
0
1
Stroke (0: No, 1: Yes)

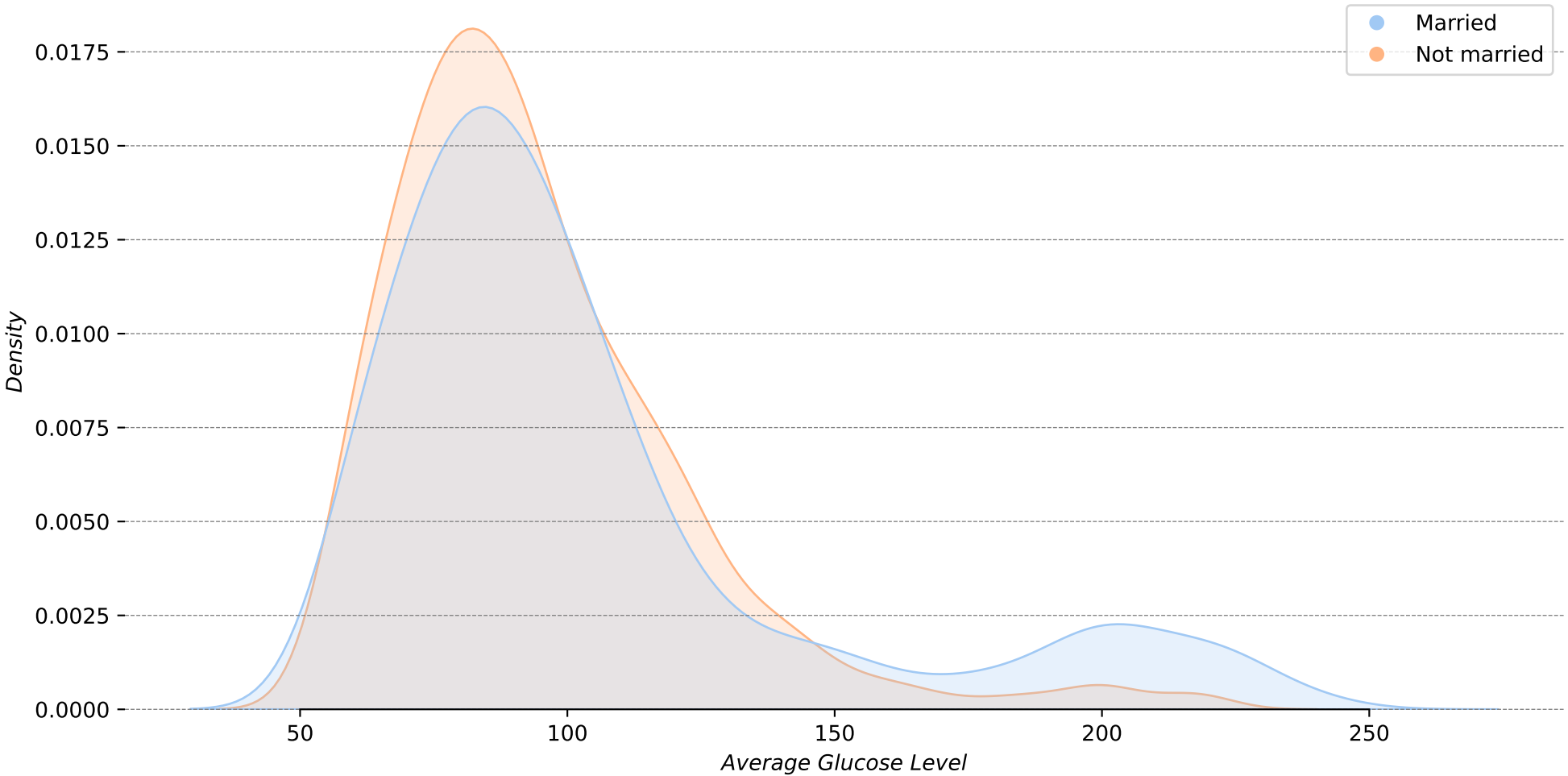

BMI-Glucose Scatter Plot with Stroke
No Stroke
Stroke
Average Glucose Level
BMI
250
225
200
175
150
125
100
75
50
10
20
30
40
50
60

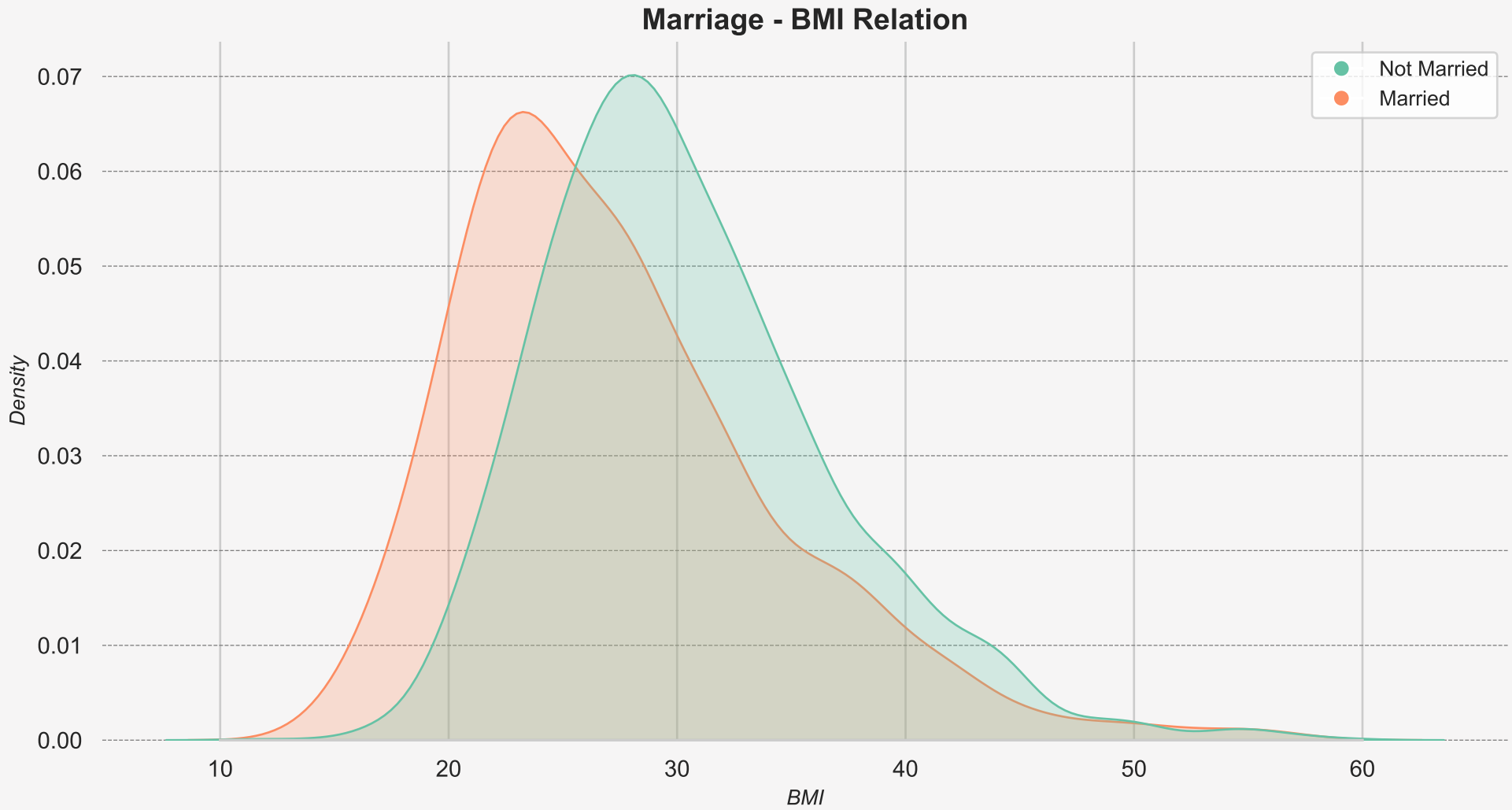

Heart Disease per Gender and Age Range
male
female
other
0.5
0.4
0.3
0.2
0.1
0.0
Heart Disease (0: No, 1: Yes)
10
20
30
40
50
60
70
80
Age Range

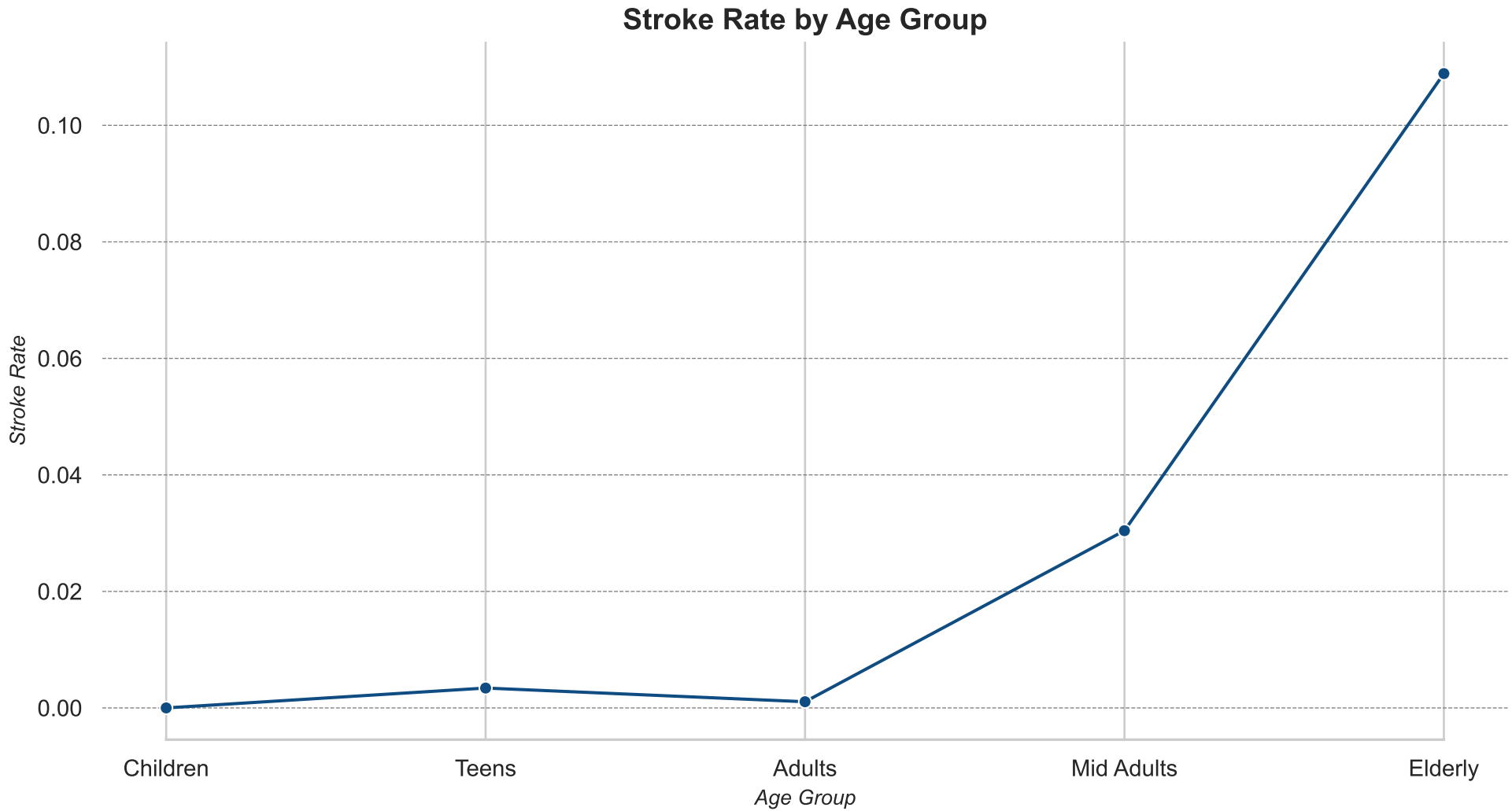

Glucose Levels between Smokers and Non-smokers
Non-Heart Disease
Heart Disease
Threshold Glucose Level
Average Glucose Level
250
225
200
175
150
125
100
75
50
formerly smoked
never smoked
smokes
unknown
Smoking Status

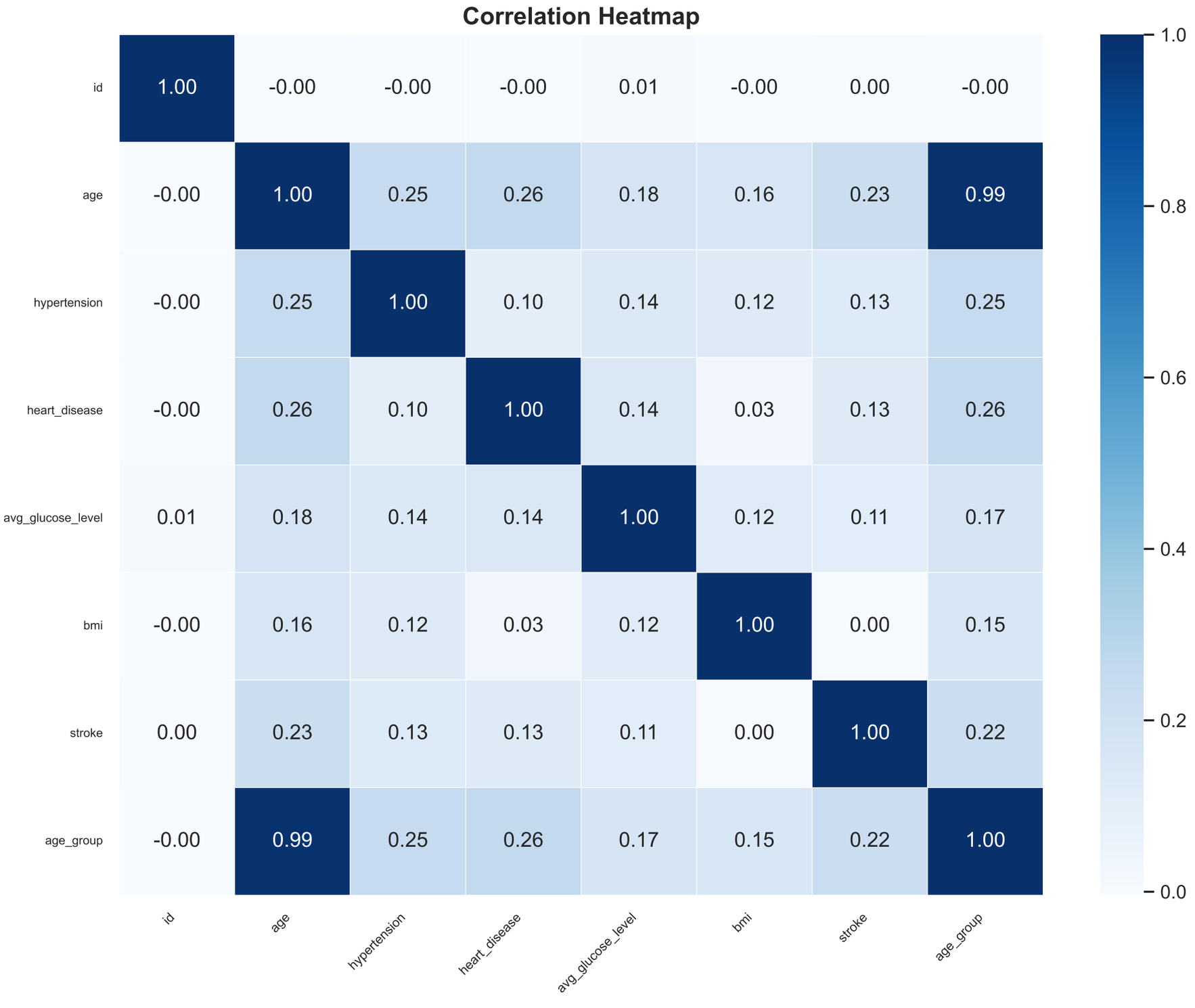

Age-BMI Relation
BMI
Age
60
50
40
30
20
10
0
20
40
60
80
Overweight
Normal Weight
Underweight


Work Type - Stroke Distribution
Non Stroke
Stroke
2500
2000
1500
1000
500
0
Number of People
private
self-employed
govt_job
children
never_worked
Work Type


Marriage - Average Glucose Level Relation
Married
Not married
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
0.0000
Density
50
100
150
200
250
Average Glucose Level


Marriage - BMI Relation
Not Married
Married
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Density
10
20
30
40
50
60
BMI


Stroke Rate by Age Group
0.10
0.08
0.06
0.04
0.02
0.00
Stroke Rate
Children
Teens
Adults
Mid Adults
Elderly
Age Group


Correlation Heatmap
id
age
hypertension
heart_disease
avg_glucose_level
bmi
stroke
age_group
1.00 -0.00 -0.00 -0.00 0.01 -0.00 0.00 -0.00
-0.00 1.00 0.25 0.26 0.18 0.16 0.23 0.99
-0.00 0.25 1.00 0.10 0.14 0.12 0.13 0.25
-0.00 0.26 0.10 1.00 0.14 0.03 0.13 0.26
0.01 0.18 0.14 0.14 1.00 0.12 0.11 0.17
-0.00 0.16 0.12 0.03 0.12 1.00 0.00 0.15
0.00 0.23 0.13 0.13 0.11 0.00 1.00 0.22
-0.00 0.99 0.25 0.26 0.17 0.15 0.22 1.00
1.0
0.8
0.6
0.4
0.2
0.0