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# Stroke Analysis

Analysis & Recommendations about stroke prevention  
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# Overview

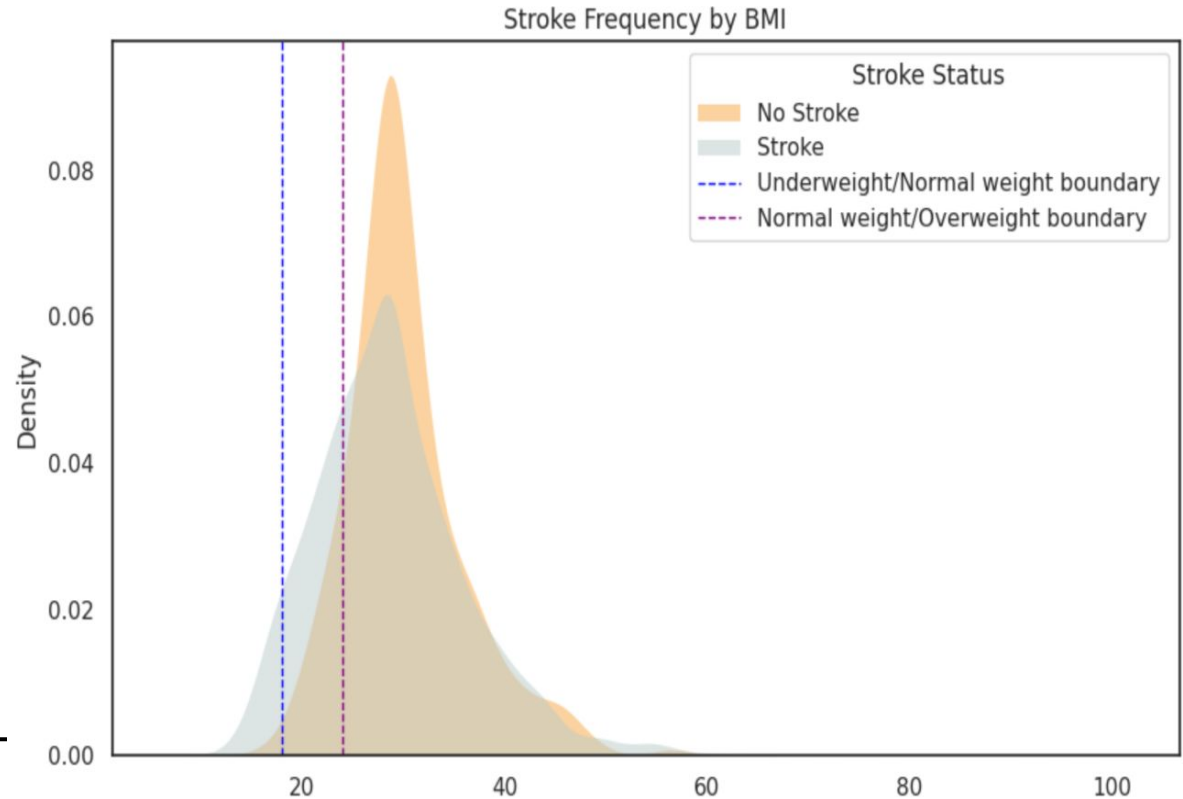
Did you know that lifestyle choices could significantly increase your risk of having a stroke?

What can we do today to prevent tomorrow's strokes?

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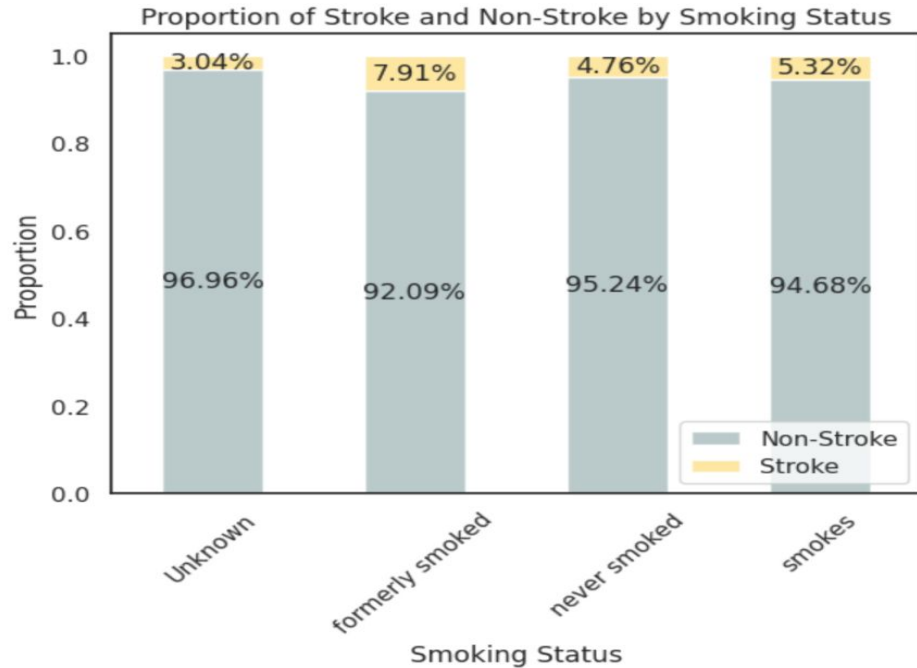
## How will **BMI** affect the incidence of **stroke**?

Most strokes happen to people with a BMI over 24, i.e. classified as overweight.



## How will **Smoking** affect the incidence of **stroke**?

Smoking, whether past or current, significantly increases the risk of stroke.



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# Summary

**1. Weight Management Programs:** Initiate nutrition and exercise programs to reduce obesity and stroke risk. Inferential analysis confirms a significant link between higher BMI and increased stroke incidence.

**2. Smoking Cessation Programs:** Implement educational and support programs to reduce smoking and stroke risk. Statistical evidence shows a strong correlation between smoking (past or current) and stroke.

Our hypothesis tests indicate that both high BMI and smoking significantly increase stroke risk, emphasizing the need for targeted health interventions. These strategies are crucial for reducing healthcare costs and improving patient outcomes.

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