

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a blue gradient background, resembling a circuit board or data network.

ANALYSIS OF SCOTTISH STROKE STATISTICS

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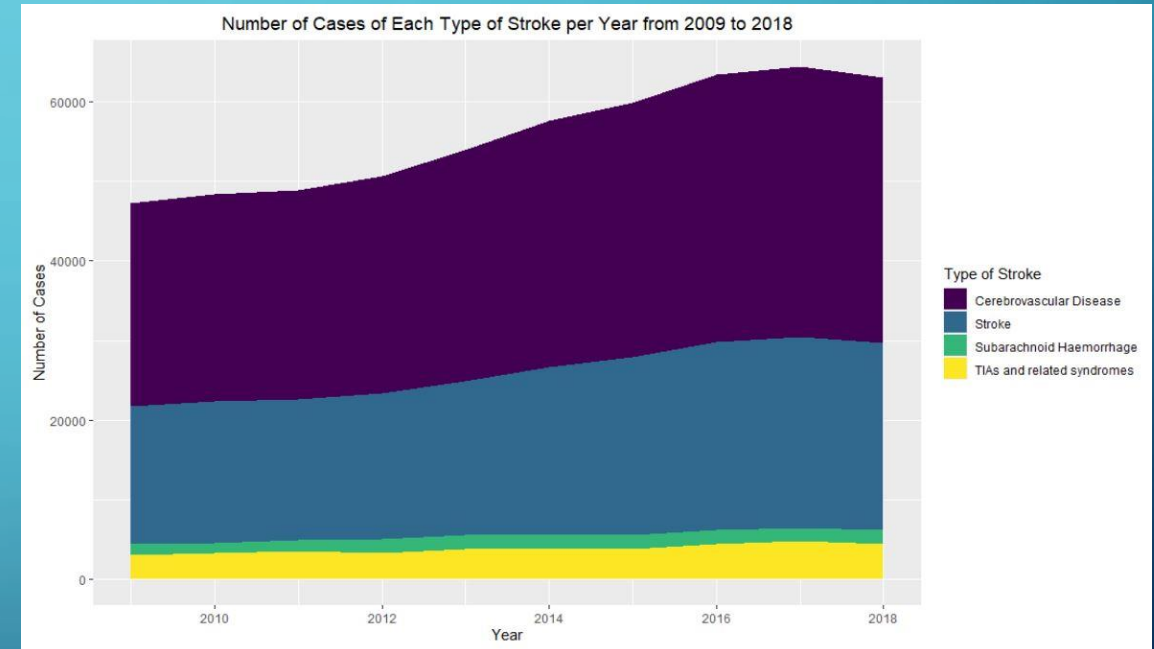
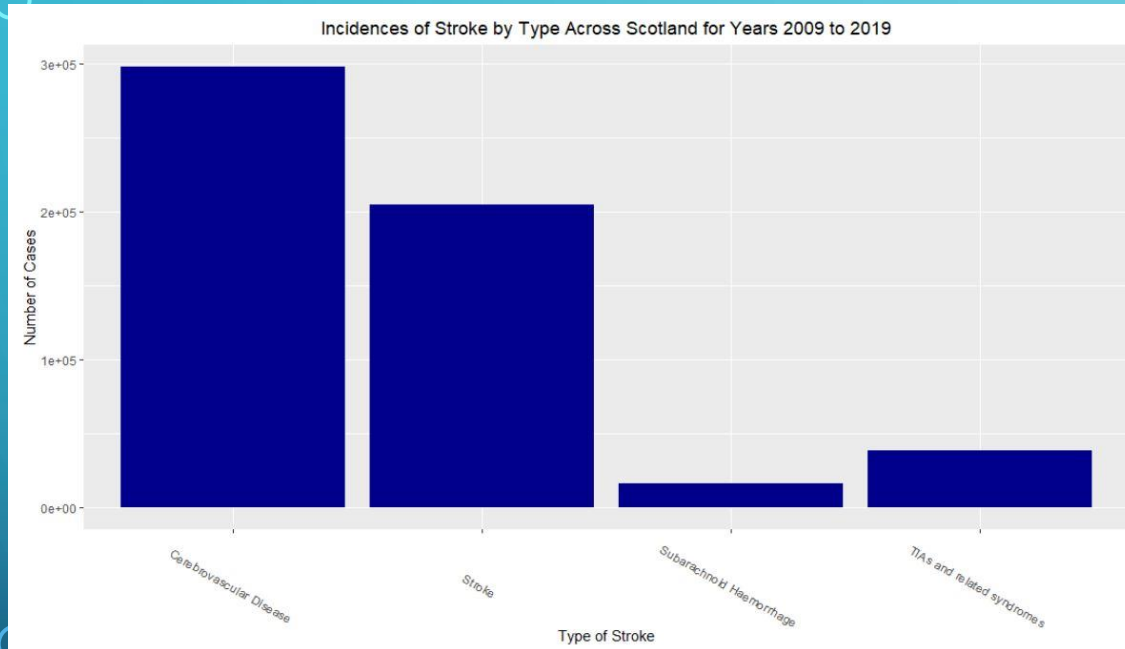
PROJECT BRIEF

- What is the most common stroke diagnosis in Scotland?
- Are there any differences in stroke diagnoses between different demographics?
- Are there differences if you look at number of cases by health board vs by local authority?
- Are there differences in mortality rates for different types of stroke? Does this vary with demographics?
- Is there any way to predict upcoming diagnoses/mortality rates for future years?

TYPES OF STROKE

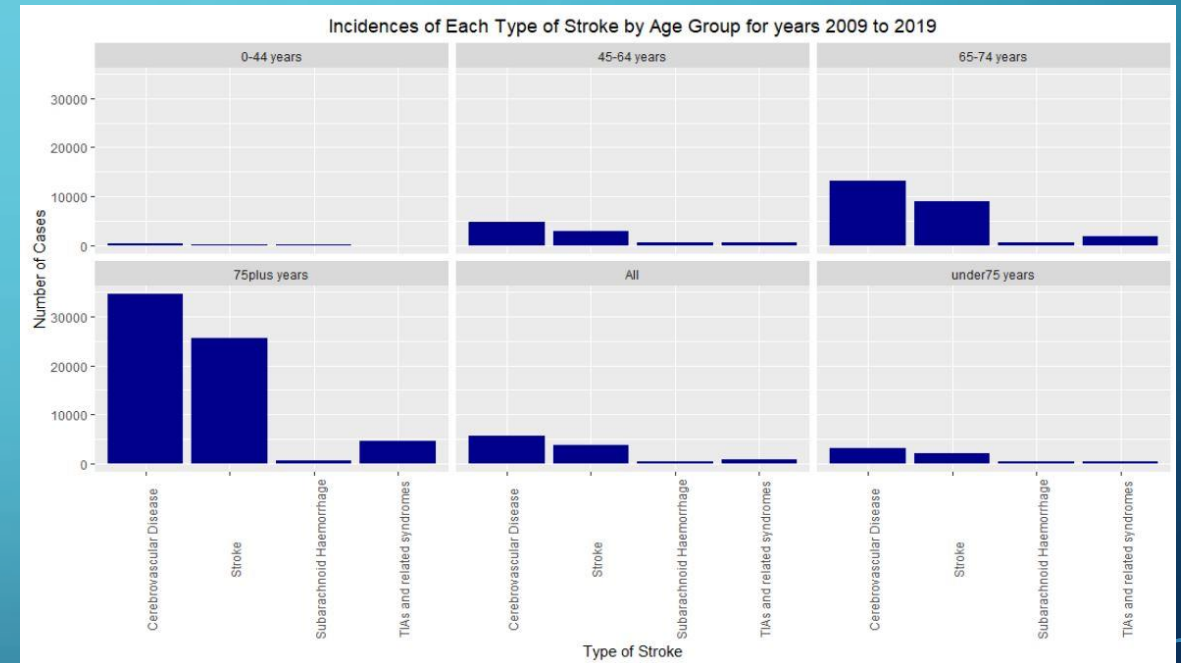
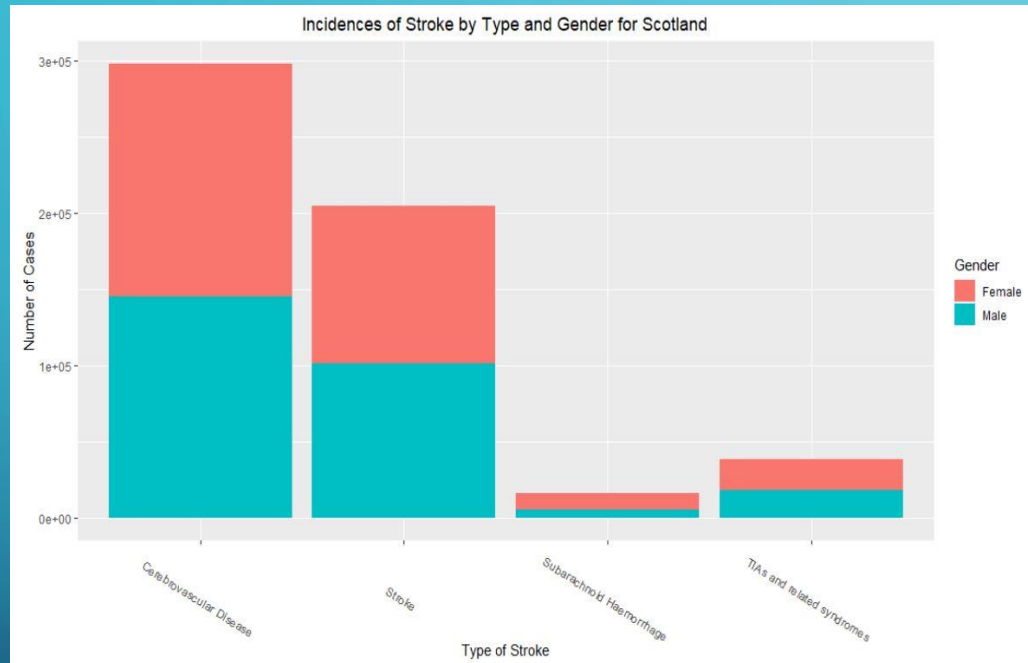
- Cerebrovascular Disease – term given to conditions that affect bloody supply to the brain.
- Stroke (Ischemic) – occurs when blood clot cuts off blood supply to brain.
- Subarachnoid Haemorrhage – caused when blood leaks into subarachnoid space.
- TIAs and related syndromes – mini strokes.

MOST COMMON STROKE DIAGNOSIS IN SCOTLAND



- Most common type of stroke diagnosis in Scotland is cerebrovascular disease, followed by ischemic stroke and subarachnoid haemorrhage.

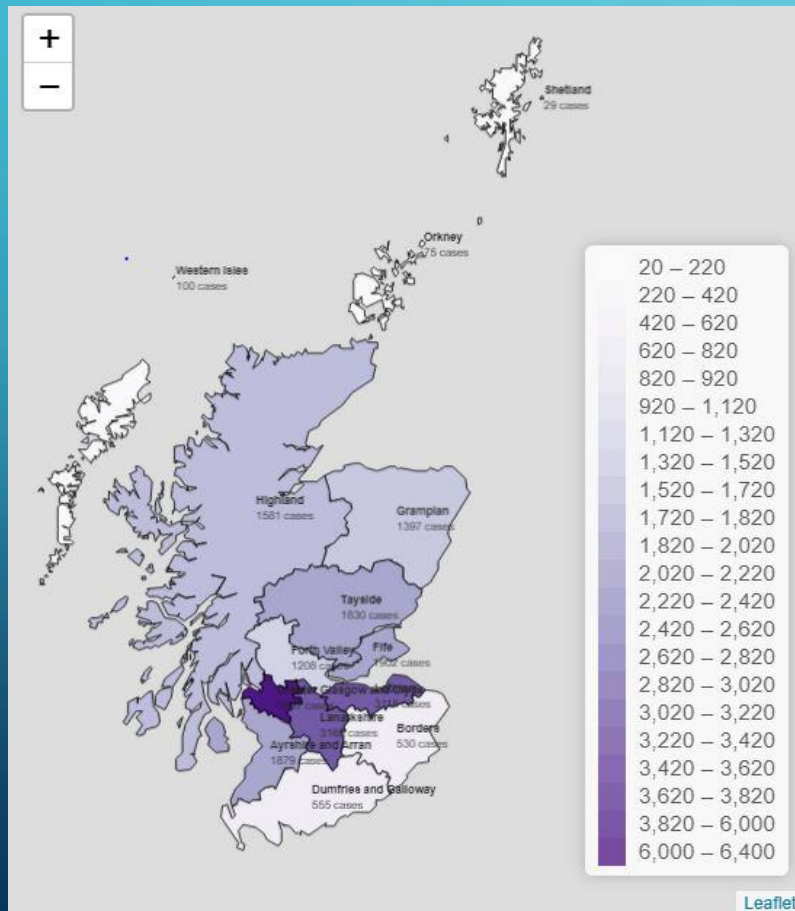
DIFFERENCES IN STROKE DIAGNOSIS BY GENDER AND AGE GROUP



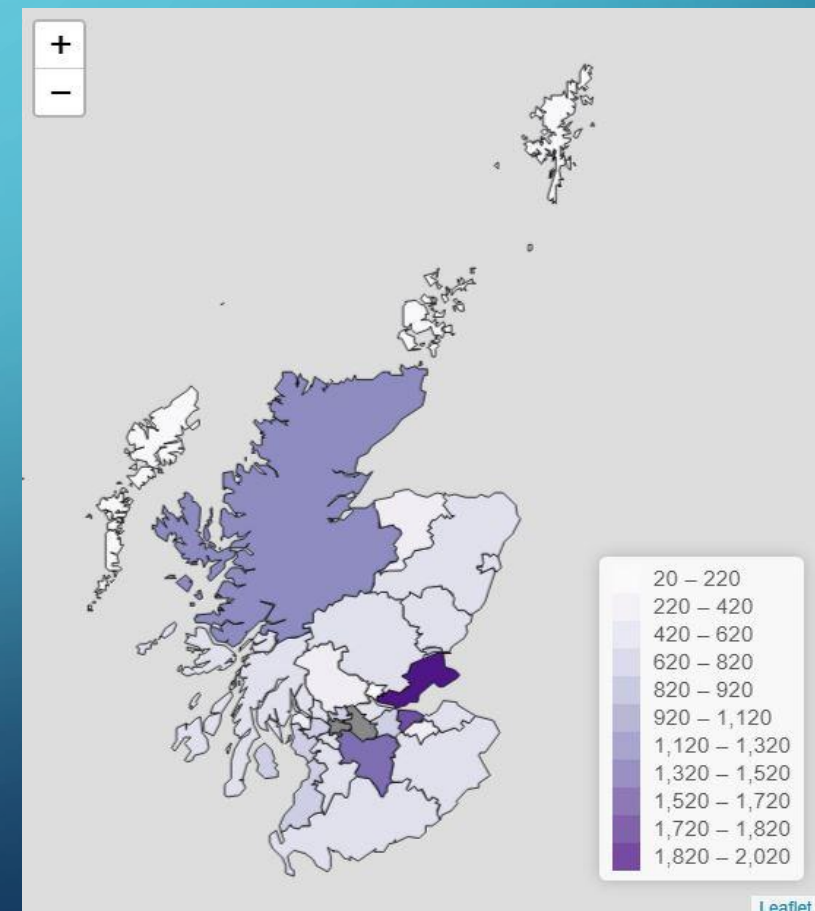
- Generally more women than men are diagnosed with cerebrovascular disease.
- Higher number of cases of each stroke type for women.
- Number of cases of stroke and cerebrovascular disease are greatest in the age group 75 plus years followed by the 65 to 74 year age group.

DIFFERENCES IN CASE NUMBERS BY HEALTH BOARD VS LOCAL AUTHORITY

- Number of cases of ischemic stroke by health board region

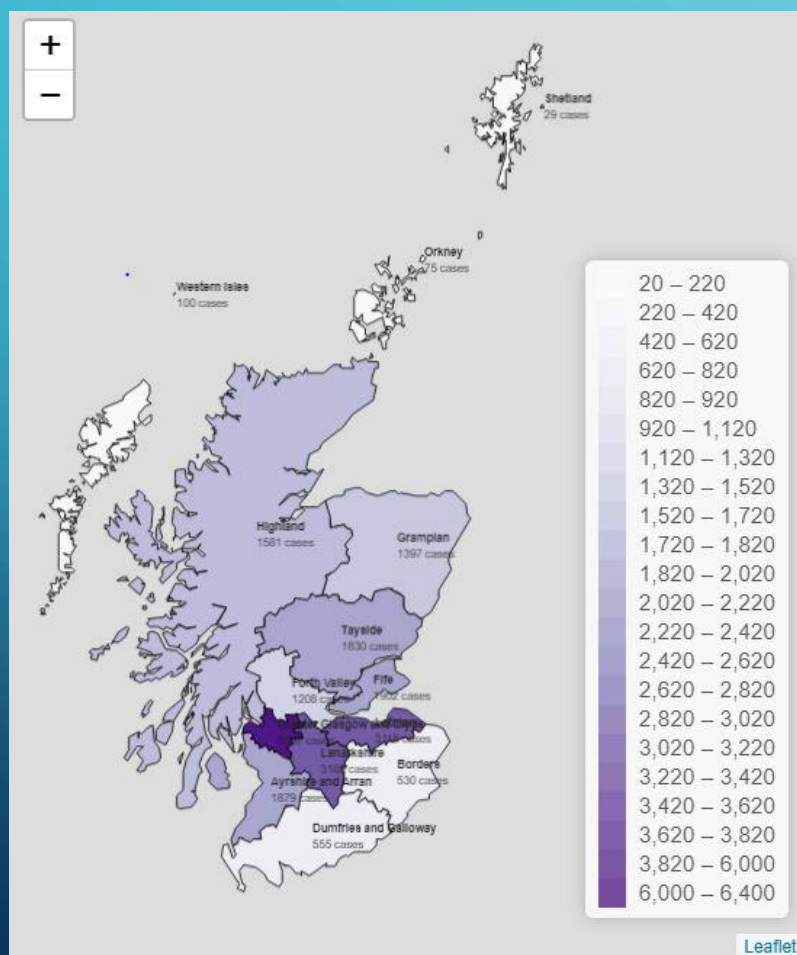


- Number of cases of ischemic stroke by local authority area

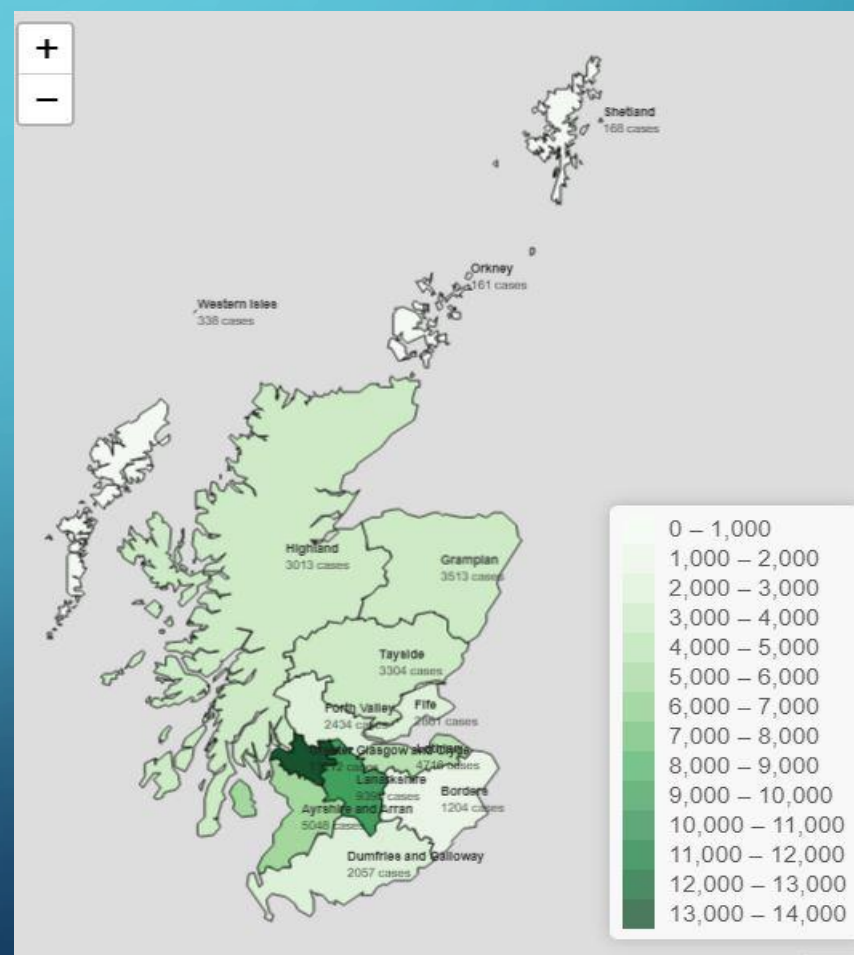


CASE NUMBERS OF ISCHEMIC STROKE COMPARED TO CASE NUMBERS OF HEART DISEASE

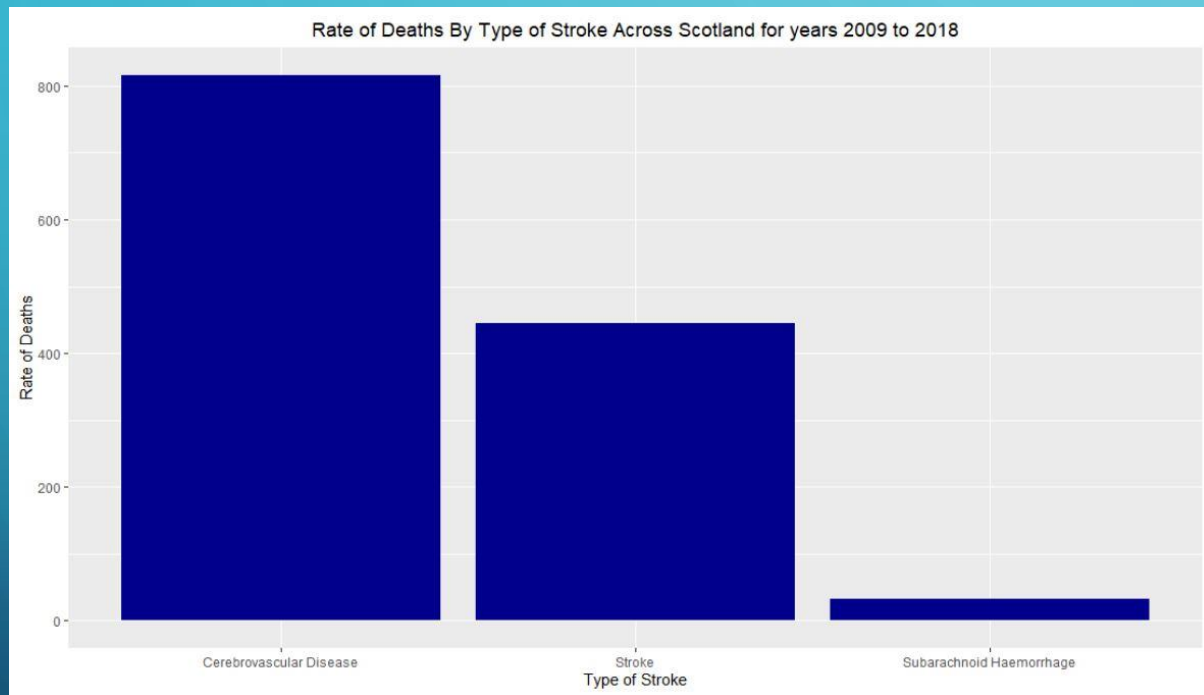
- Number of cases of ischemic stroke by health board region



- Number of cases of heart disease by health board region

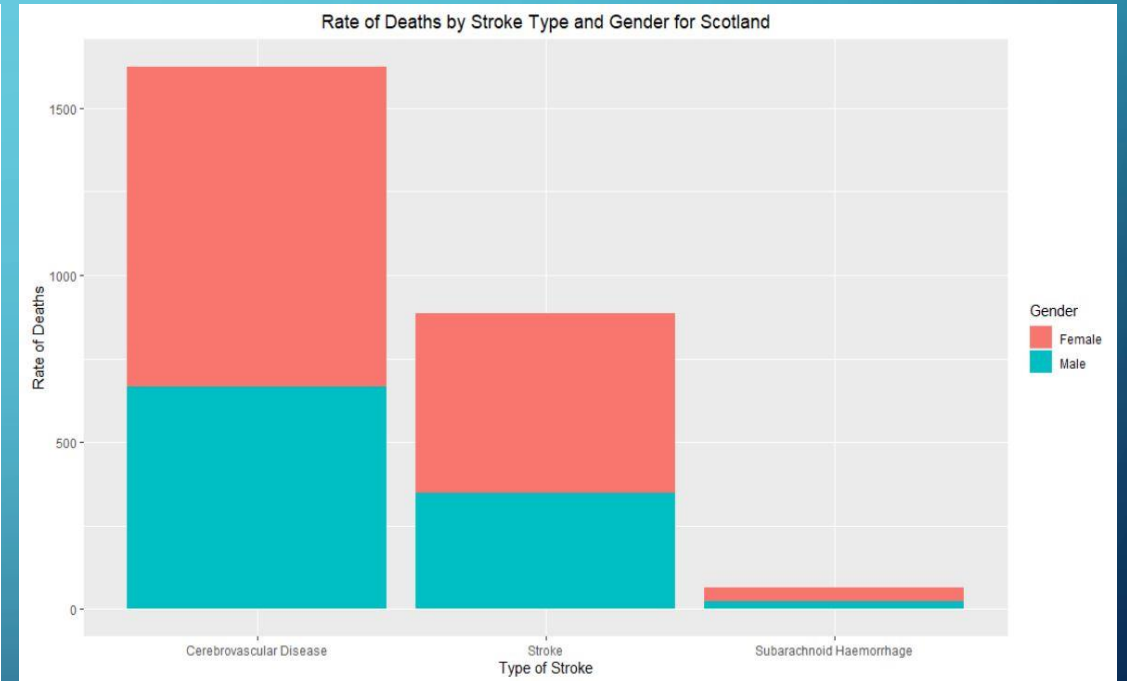
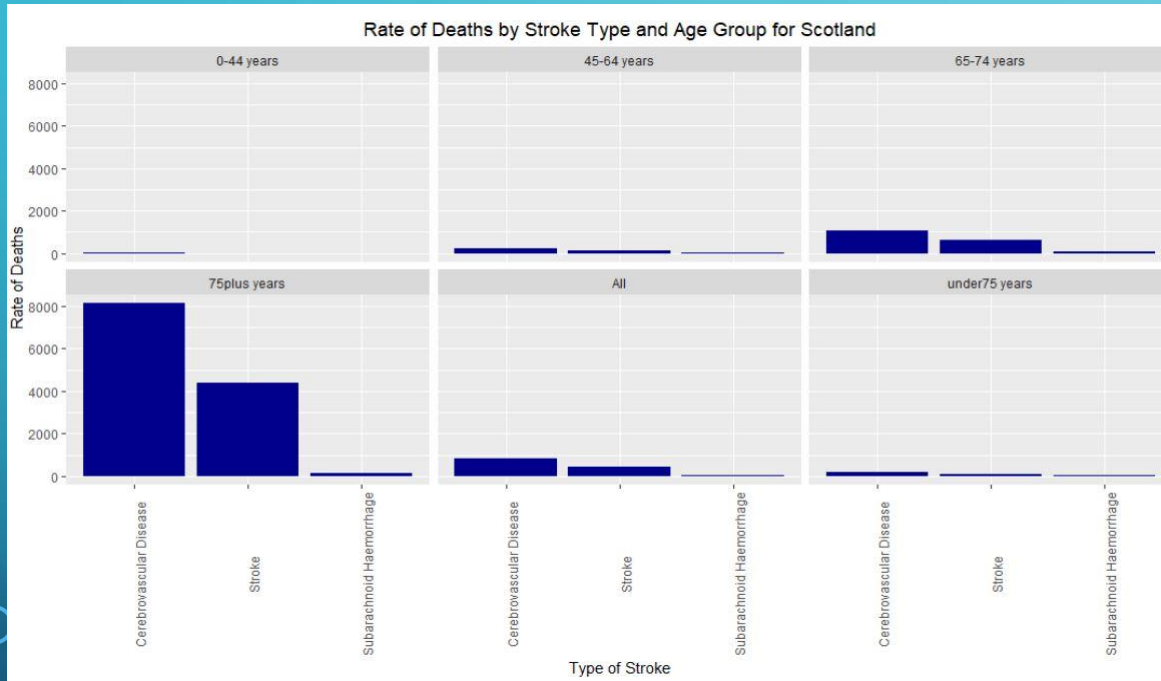


VARIATION IN MORTALITY RATES FOR DIFFERENT TYPES OF STROKE



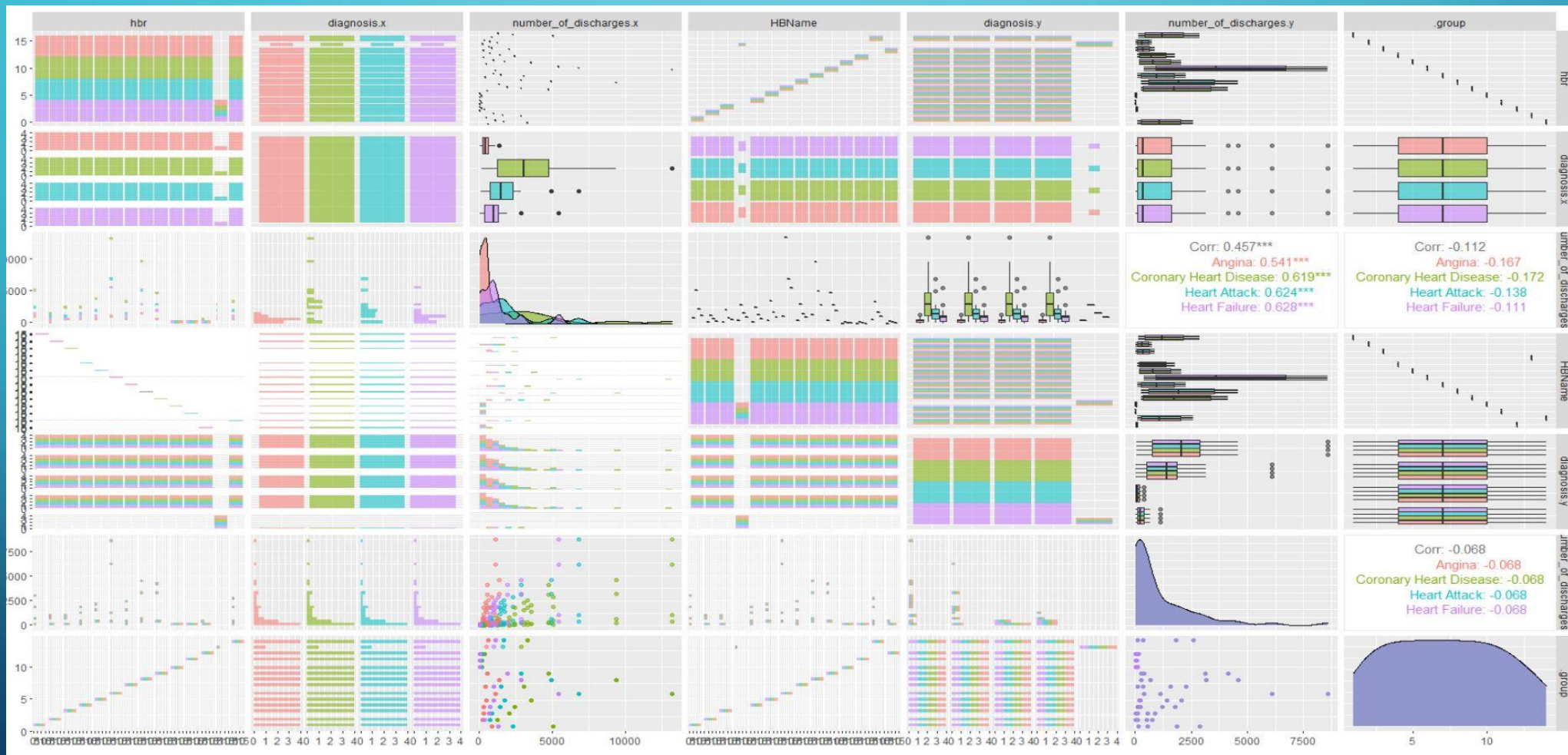
- Mortality rate is highest for ischemic strokes, followed by subarachnoid haemorrhages.

VARIATION IN MORTALITY RATES BY DEMOGRAPHICS



- Most at risk group for all types of strokes are people aged over 75.
- Women are most at risk of dying from all types of stroke compared to men

PREDICTING UPCOMING DIAGNOSIS RATES



CONCLUSION

- Most common type of stroke diagnosis in Scotland is Cerebrovascular disease, followed by Ischemic stroke and subarachnoid haemorrhage.
- More women than men are diagnosed with cerebrovascular disease in general and women are affected the most by each type of stroke.
- There is a link between heart disease and number of cases of cerebrovascular disease.
- Greater Glasgow and Lanarkshire have the highest number of cases of stroke in the whole of Scotland.
- Recommendations - In areas where there are high rates of cerebrovascular disease and heart disease, focus resources on prevention of risk factors.

The background is a blue gradient with decorative white circuit-like lines in the corners. These lines consist of straight segments and small circles, resembling a stylized electronic circuit or data flow diagram.

THANK YOU FOR LISTENING
ANY QUESTIONS?