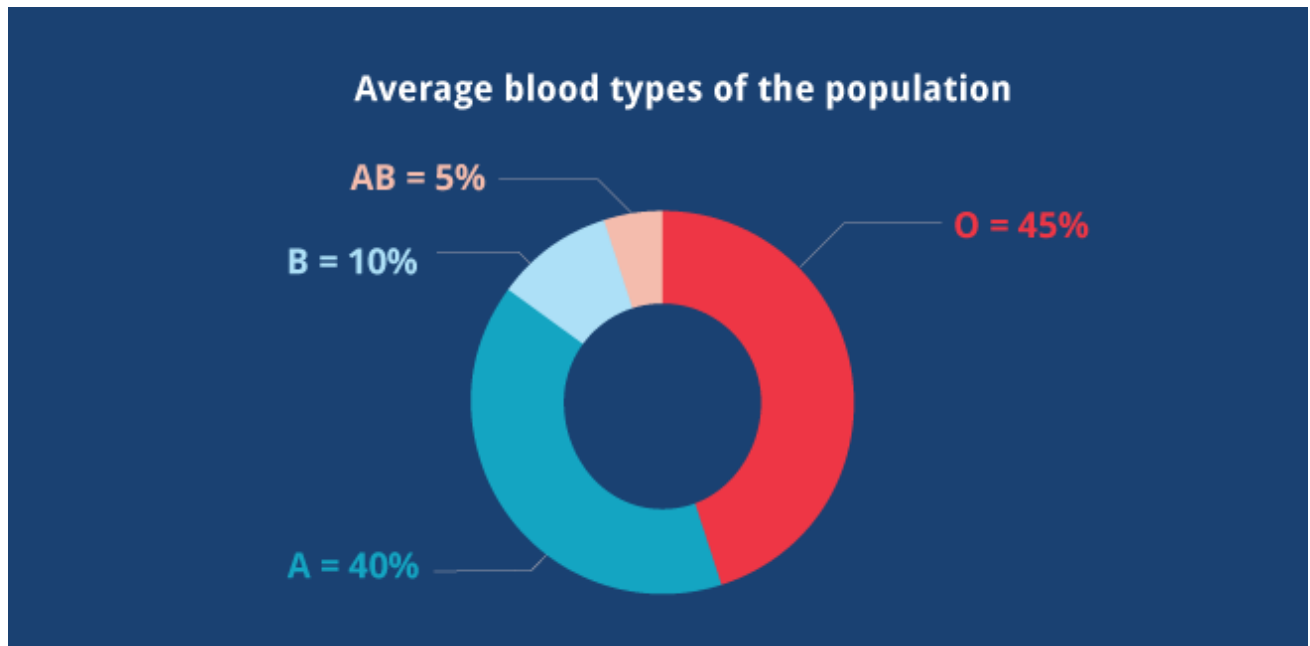


9. The following figure shows a blood graph from New York population.



a) State which type of variation is shown in the blood graph?

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b) Using your knowledge on inheritance of blood groups, explain why the percentage of AB blood group is very less in this population.

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c) Some people have the shape of their Red blood cells changed. This condition is known as sickle cell anaemia.

i) State what might have caused this.

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ii) Some people have changes in the number of chromosomes. State which disease might be caused because of this change.

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