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# Introduction

Irritable bowel syndrome (IBS) is a common chronic gastrointestinal disorder that is associated with changes in bowel habits. IBS is estimated to occur in 10-15 percent of the populations in Western Countries with higher prevalence in women (Hungin et al., 2005).

# Gut microbiome analysis

# Symptom-based diagnosis

# Compare and contrast

# Conclusions

# References

Hungin, A.P.S., Chang, L., Locke, G.R., Dennis, E.H. and Barghout, V., 2005. Irritable

bowel syndrome in the United States: prevalence, symptom patterns and impact. *Alimentary pharmacology & therapeutics*, *21*(11), pp.1365-1375.