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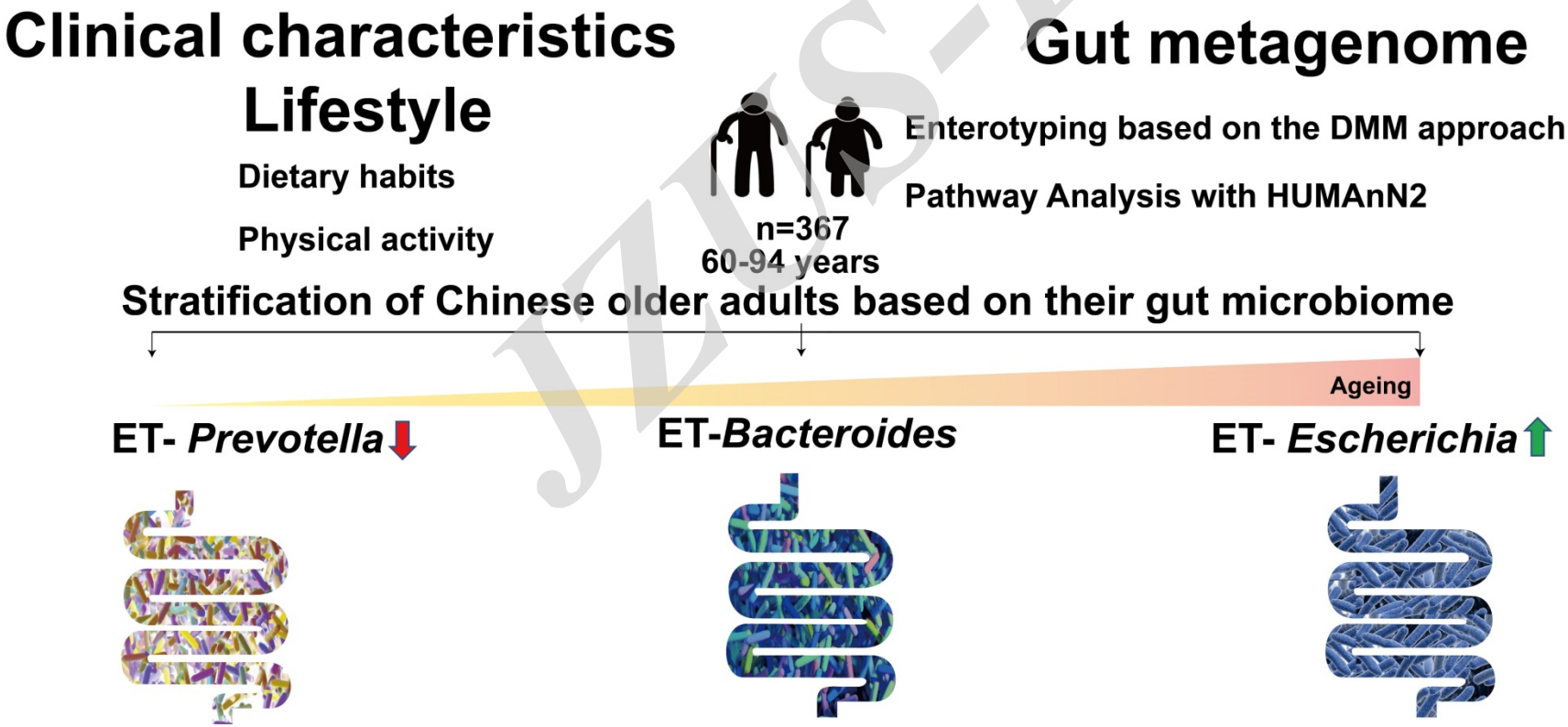
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Metagenomics reveals an increased proportion of an *Escherichia coli*-dominated enterotype in elderly Chinese people

Key words: Gut microbiome; Aging; Elderly population; *Escherichia*-dominated enterotype; Enterotype; *Escherichia coli*

Research Summary

This paper claims to identify a novel enterotype dominated by *E. coli*, that shows a strong association with older age in a geographically homogeneous cohort.



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Innovation points

- Redundancy analyses to identify factors correlated to the enterotypes are reported to indicate that age explains more of the variance in enterotype than previously identified factors such as diet and lifestyle habits or inflammatory factors.

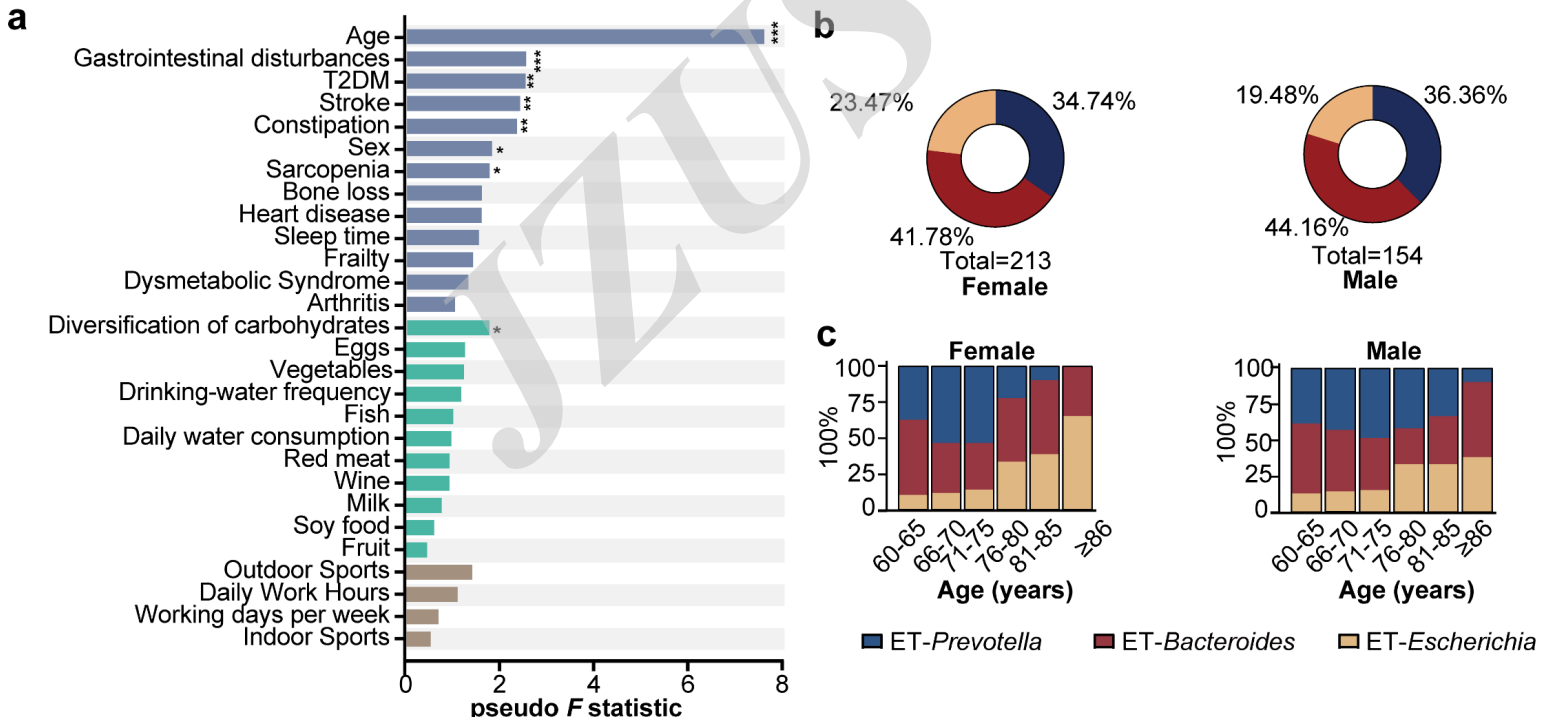


Figure 2

Innovation points

- Functional gene analyses are also performed to support this model. Functional variations across enterotypes are associated with age.

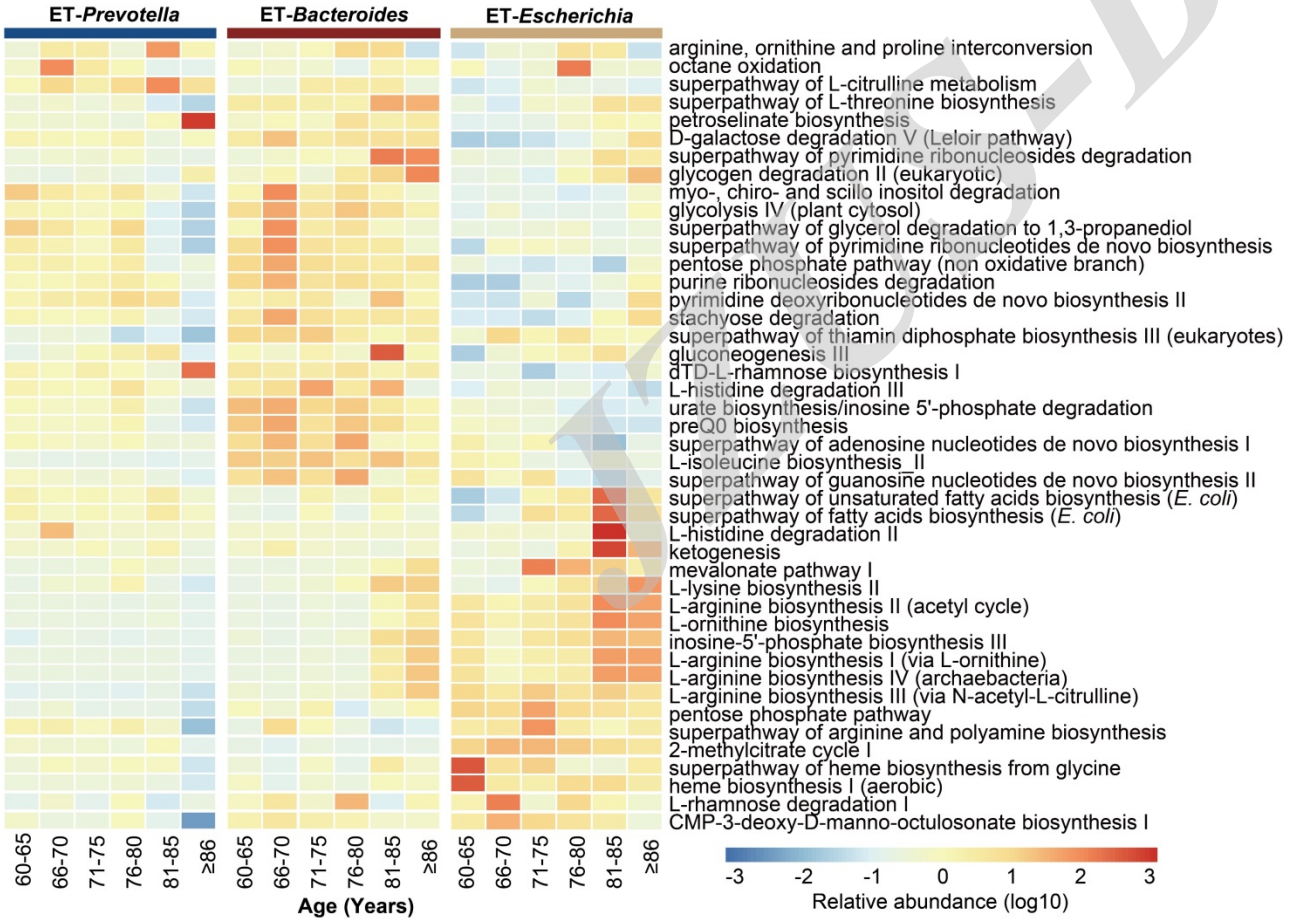


Figure 3