

Data from Europe, Part A

Work with your group to decide whether the data in Figures 1 and 2 support or refute one of the hypotheses for the evolution of lactase persistence.

Figure 1. Map of average daily ultraviolet (UV) exposure across Earth's surface. Darker shading indicates greater UV exposure.

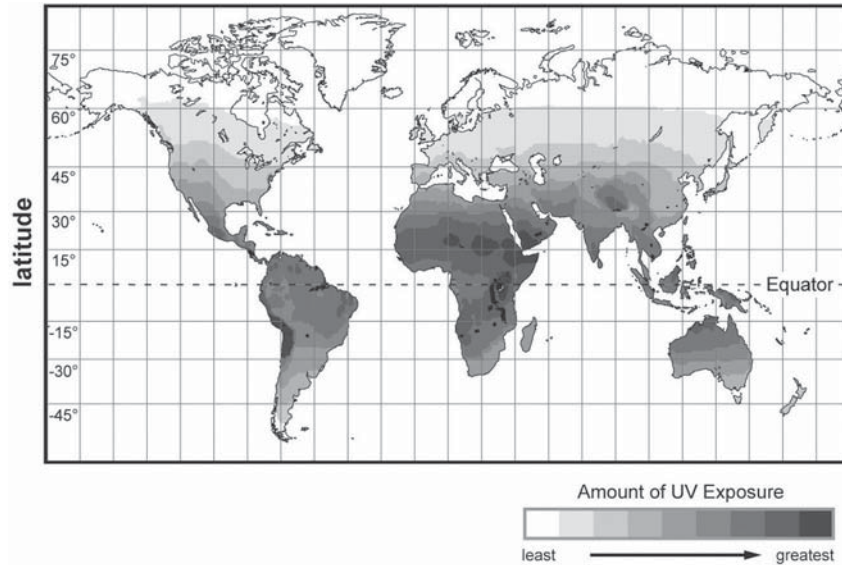
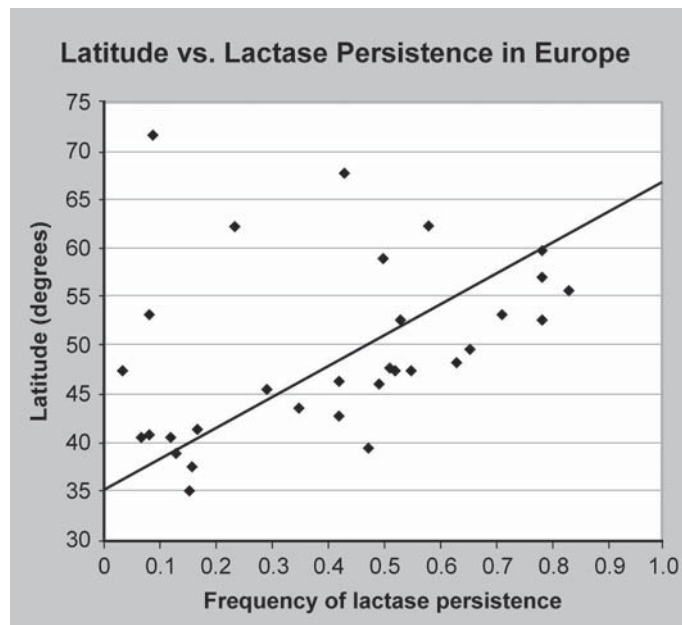


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Figure 2. Graph showing latitude and the frequency of lactase persistence in Europe.



Source: Data from P. Gerbault et al. 2009. Impact of selection and demography on the diffusion of lactase persistence. *PLoS ONE*, 4(7): e6369. doi:10.1371/journal.pone.0006369.