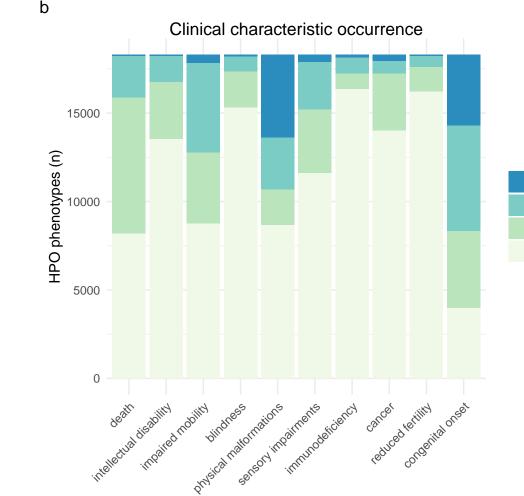a

Example GPT−4 prompt

I need to annotate phenotypes as to whether they typically cause: **intellectual disability**, **death**, **impaired mobility**, **physical malformations**, **blindness**, **sensory impairments**, **immunodeficiency**, **cancer**, **reduced fertility**? Do they have congenital onset? To answer, use a severity scale of: **never**, **rarely**, **often**, **always**. Do not consider indirect effects. You must provide the output in python code as a data frame called df with columns: phenotype, intellectual_disability, death, impaired_mobility, physical_malformations, blindness, sensory_impairments, immunodeficiency, cancer, reduced_fertility, congenital_onset. Also add a separate **justification** column for each outcome, e.g. death, death_justification. These are the phenotypes: *Osteomyelitis leading to amputation due to slow healing fractures*; *Mesomelic arm shortening*. Placeholders are not acceptable.

b

Clinical characteristic occurrence