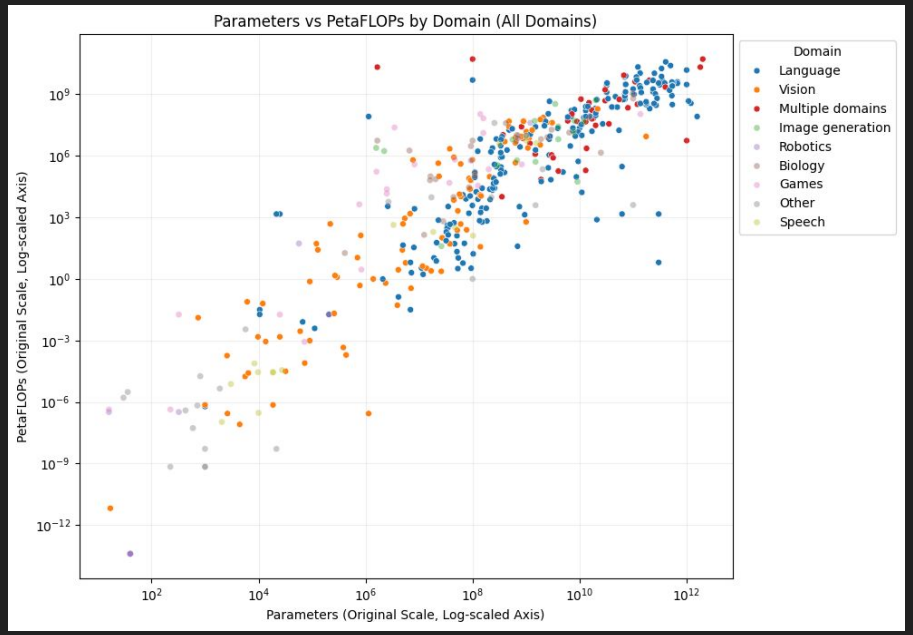
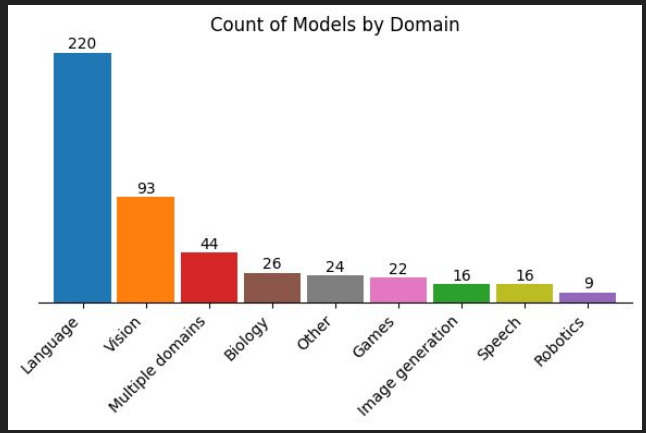
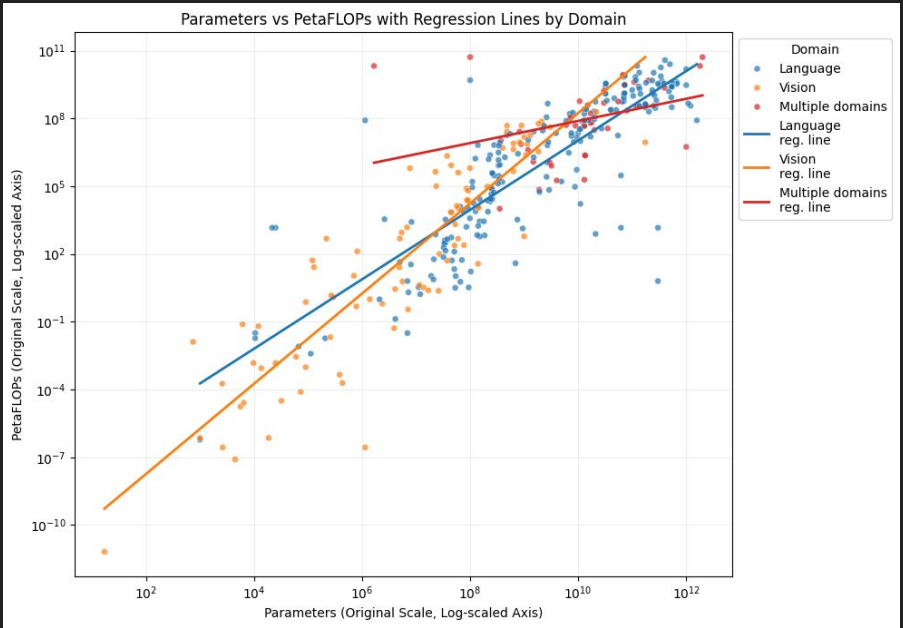
Does computational power required by AI models vary by domain?



*Only the domains of language, vision, and multiple had more than 30 values



Regression Results



Conclusion: The three most common domains have varying rates of required petaFLOPs per 1% increase in parameters.

Vision has the highest ratio, at .9746% additional petaFLOPs required per 1% increase in parameters.