ANÁLISE ESTATÍSTICA DAS ESTATÍSTICA DAS ESTATÍSTICAS DE POKÉMON

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Nome:

Pokemon with stats

Fonte:

Site oficial Pokemon (pokemon.com)

. Pokemon Database (pokemondb.net)

Bulbapedia (bulbapedia.bulbaganden.net/)

População e Amostra

- Todos os Pokémon da primeira ate a sexta geracao
- Os dados são dos jogos para gameboy.

Total: 800 Pokemon



- · 9 variáveis
- 2 qualitativas nominais
- 7 quantitativas discretas
- Nao ha missing data
- Dados brutos



Quantitativas

- Pontos de Vida
- Ataque
- Defesa
- Ataque Especial
- Defesa Especial
- Velocidade
- Geracao



Qualitativas

- Tipos 1 e 2
- Lendarios



library(ggplot2)

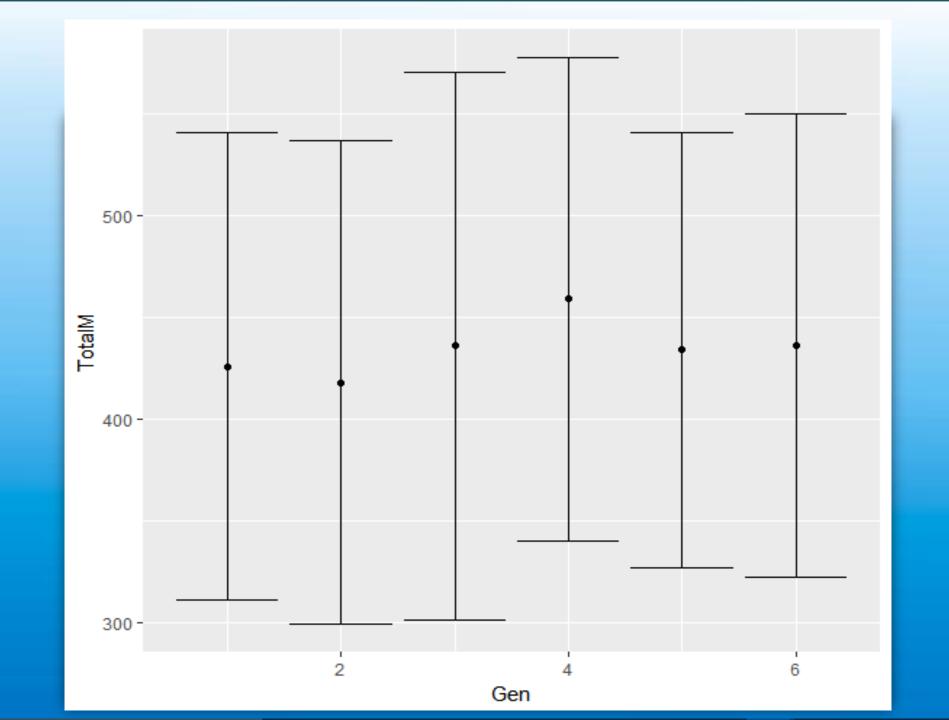
Gera o boxplot do "Total" (soma das variáveis quantitativas) por geração

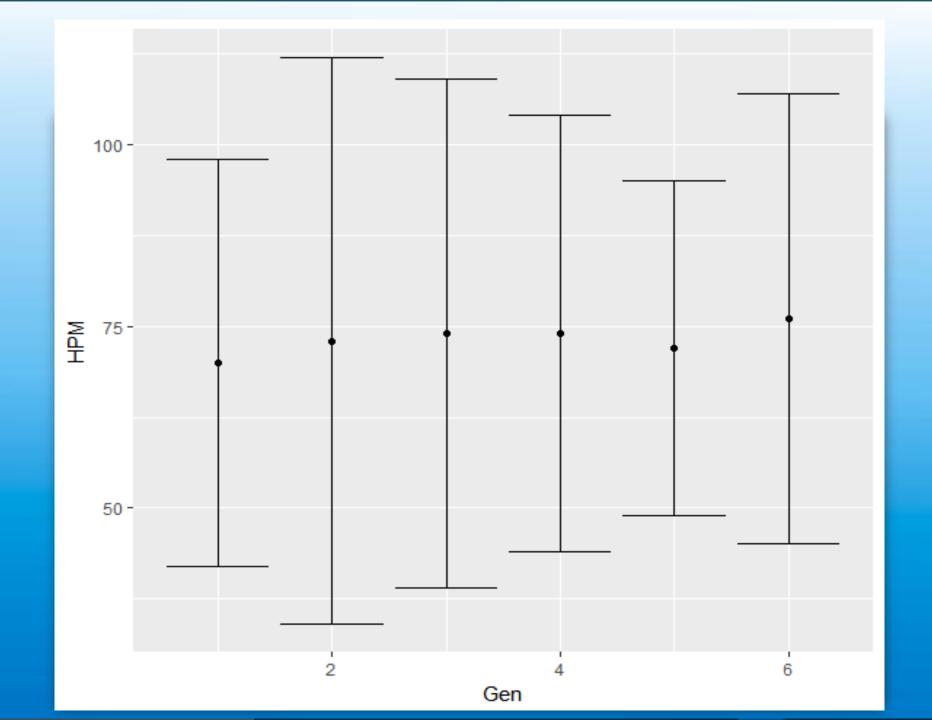


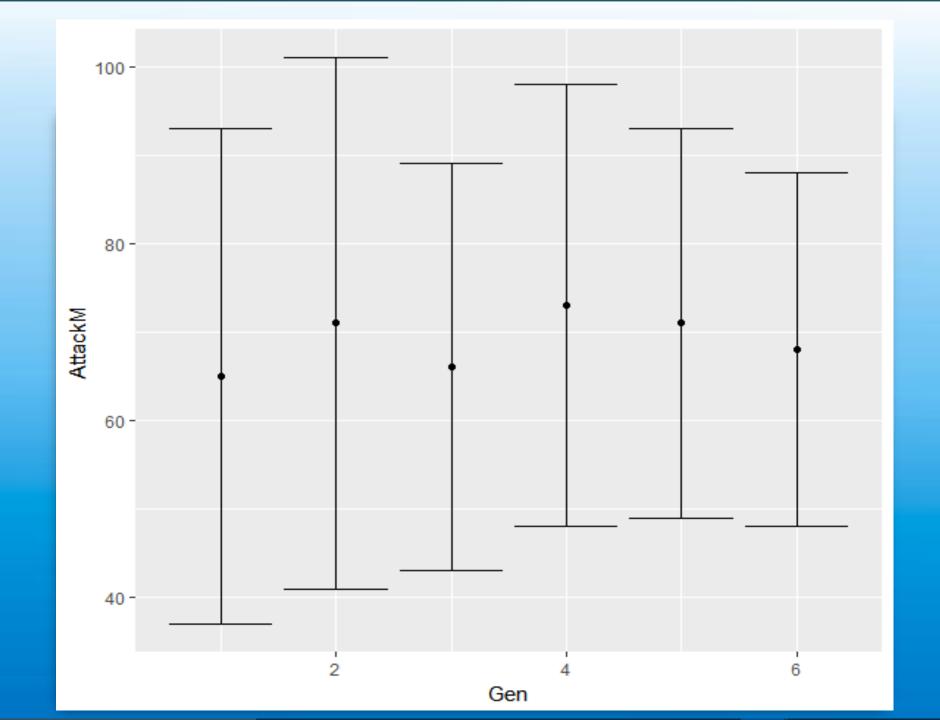
Gera os boxplots para todas as variáveis quantitativas, por geração

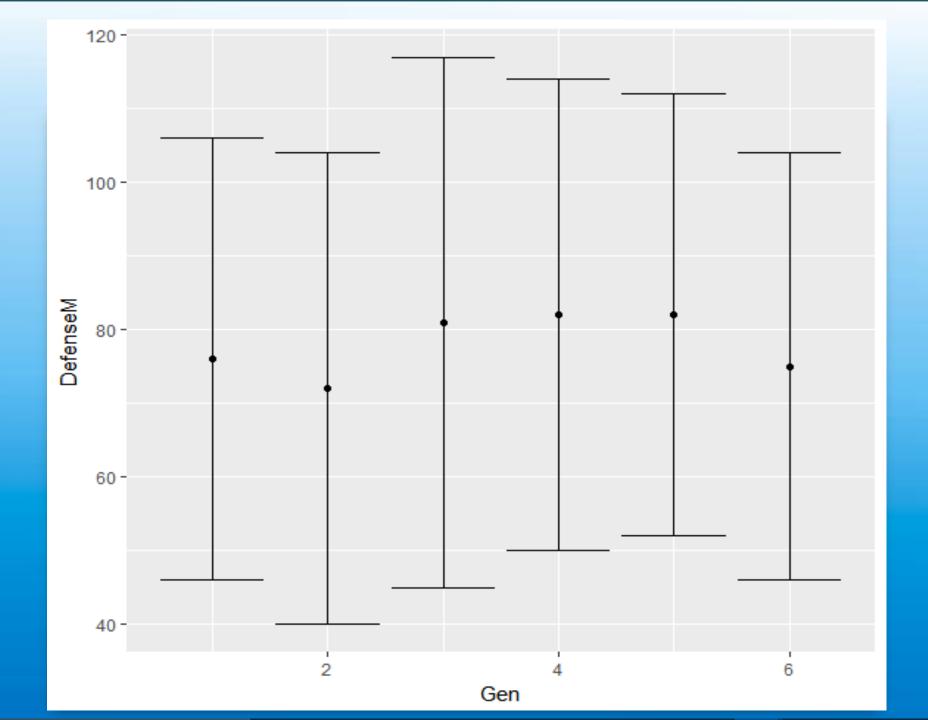
Crifices



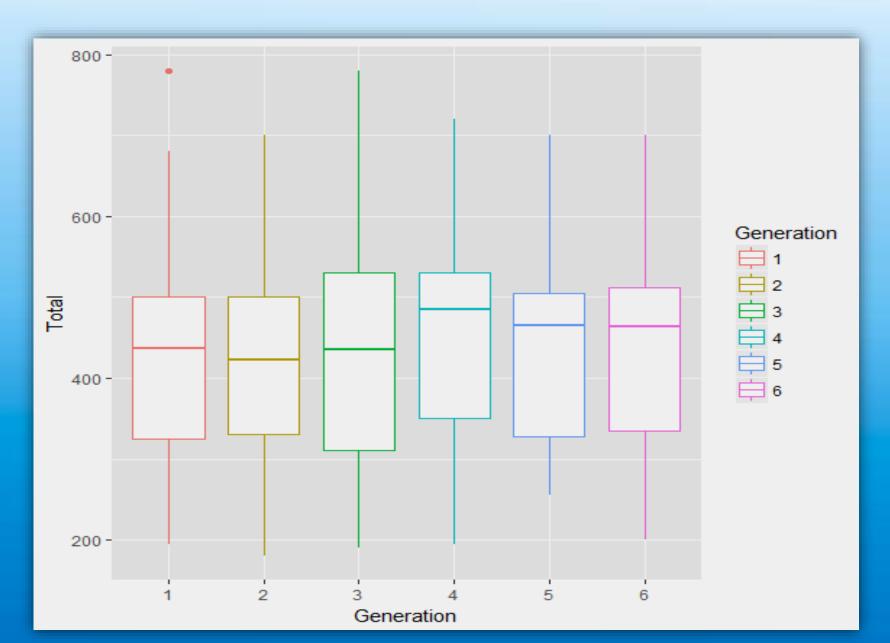








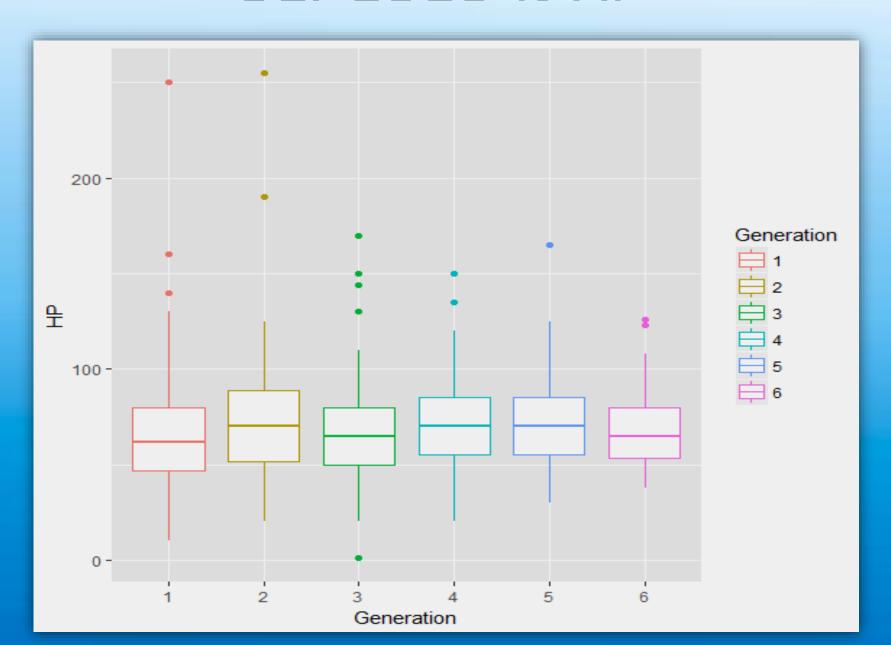
Geracao x Total



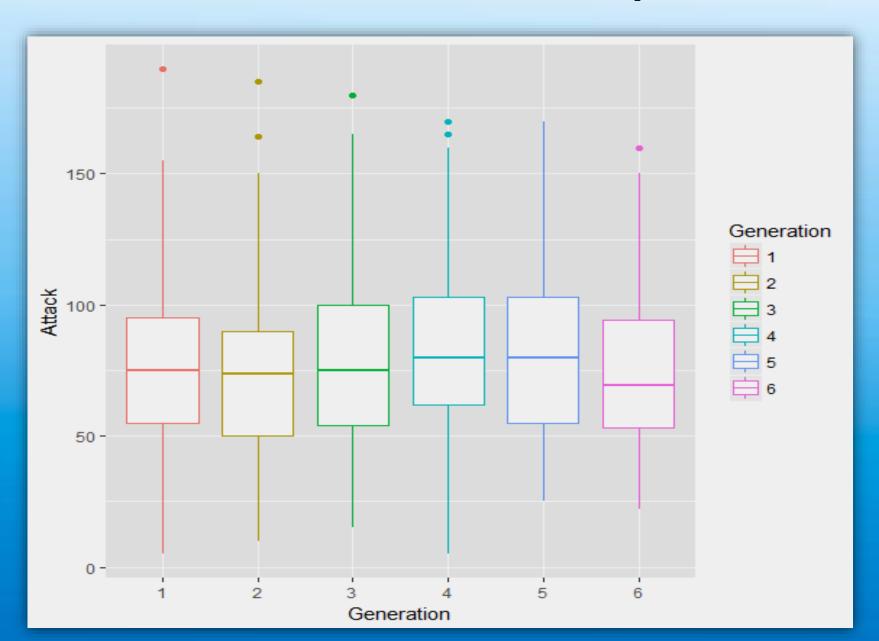
Geracao x Total 600 -Generation Total 400 -200 -

Generation

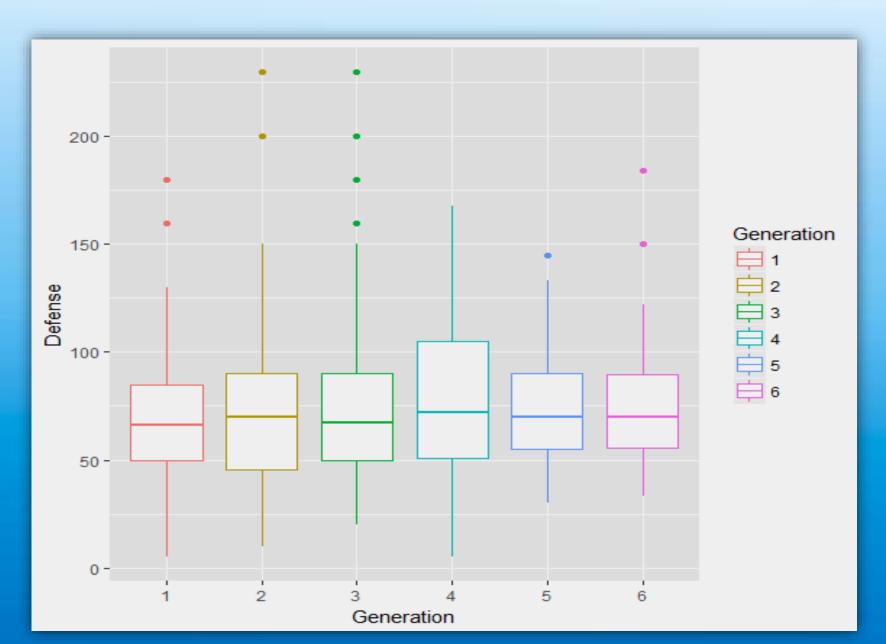
Geracao x HP



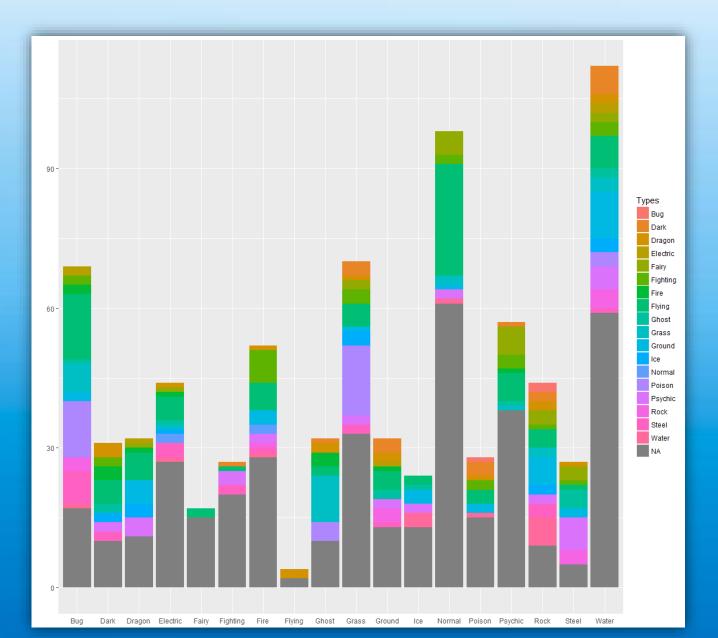
Geracao x Ataque



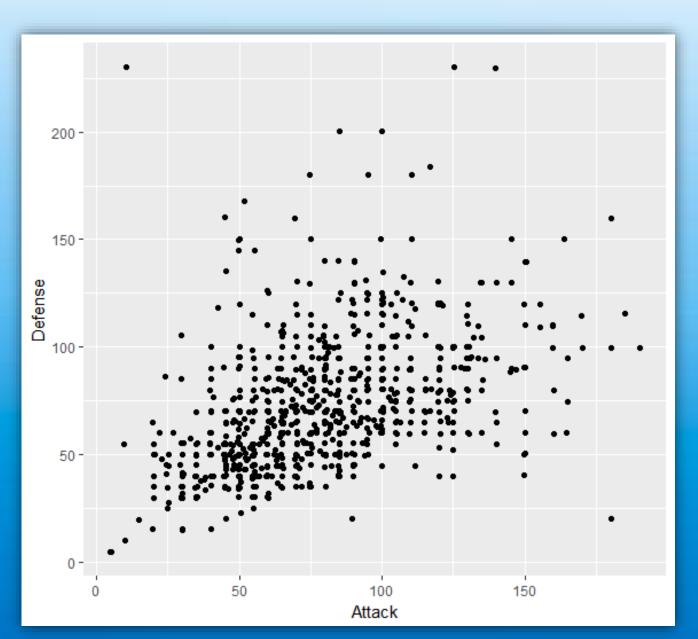
Geracao x Defesa



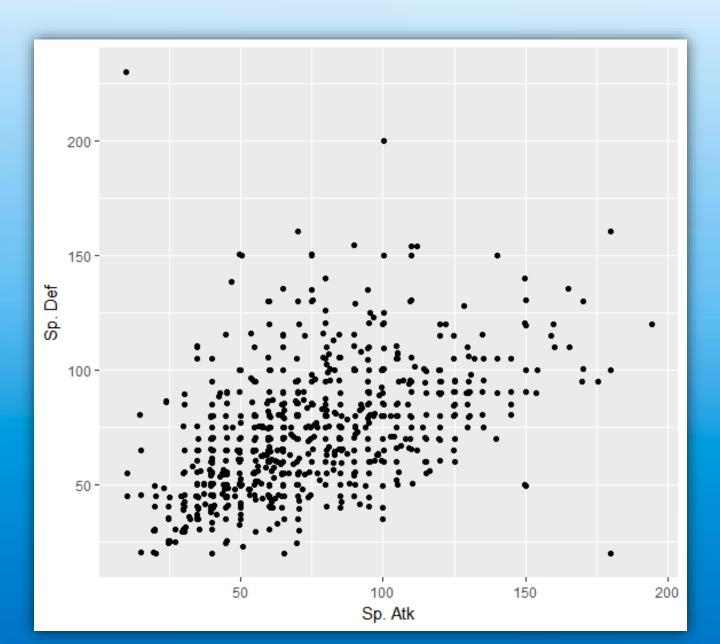
Tipos de Pokemon



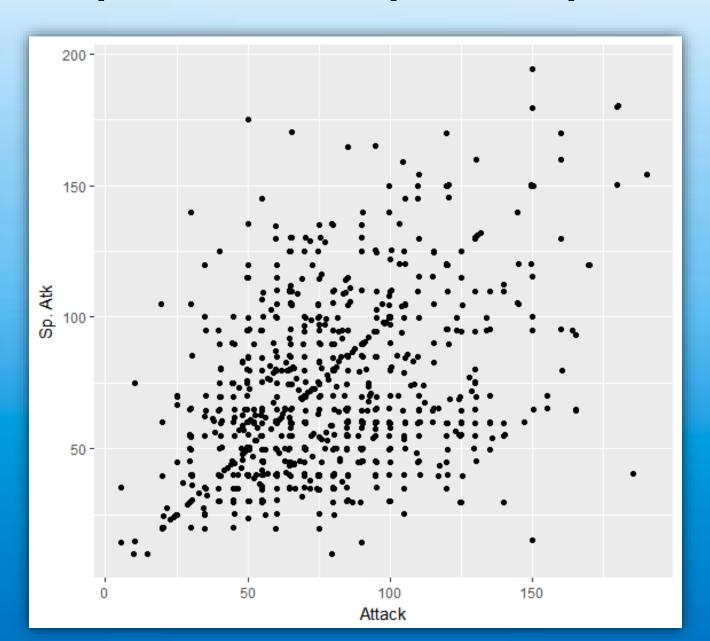
Ataque x Defesa



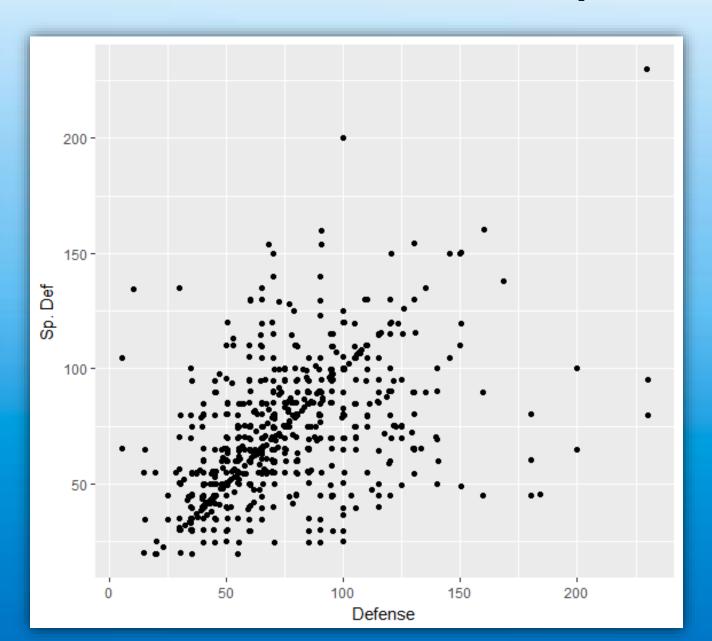
Ataque Especial x Defesa Especial



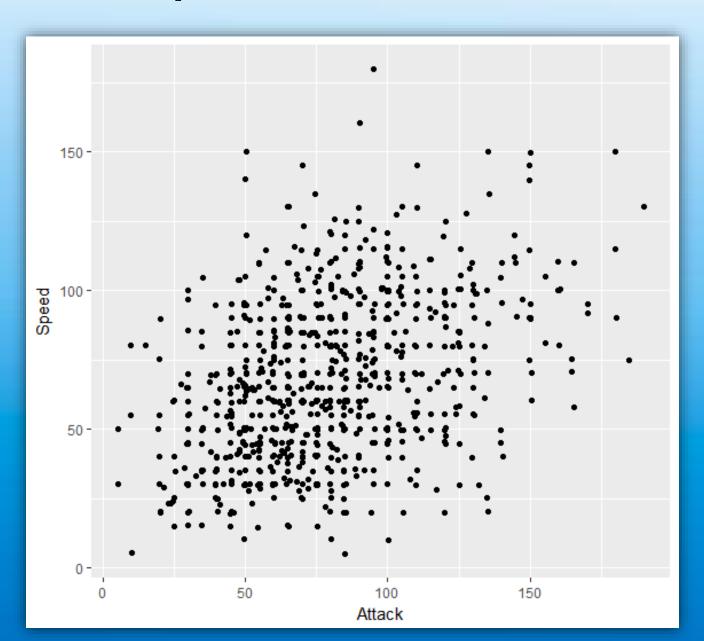
Ataque x Ataque Especial



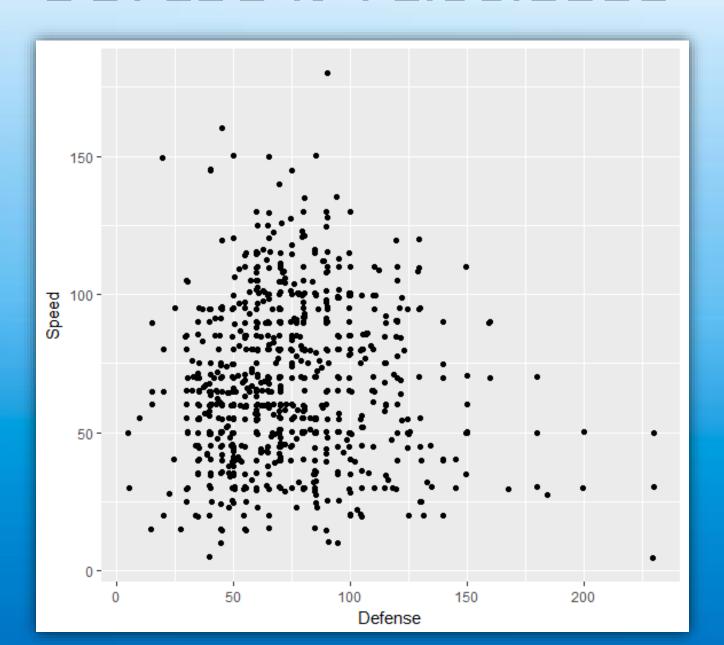
Defesa x Defesa Especial



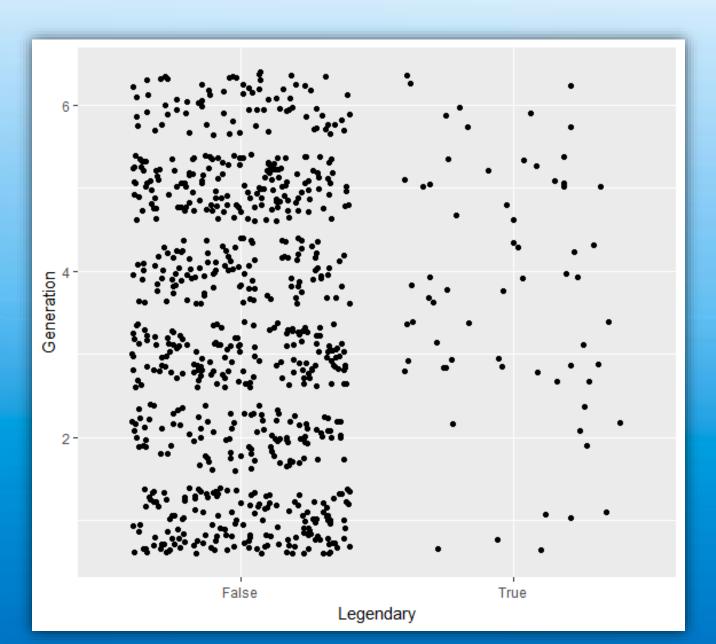
Ataque x Velocidade



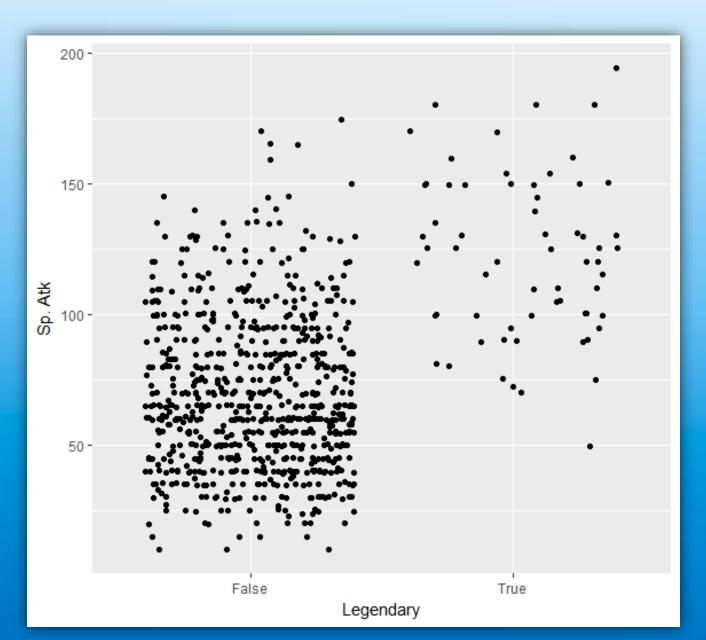
Defesa x Velocidade



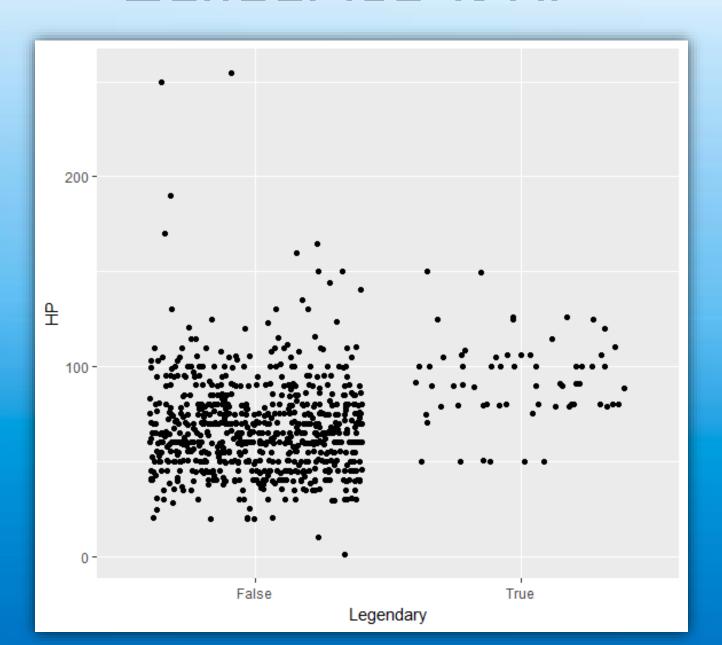
Lendarios x Geracao



Lendarios x Ataque



Lendarios x HP





- Estabelecer relacoes entre pokemon de tipos diferentes.
- Verificar se o ataque e a defesa influenciam na quantidade de pontos de vida.
- Sera que existe algum atributo em cada geracao que se destaca em relacao aos outros?









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