

UTFPR – Universidade
Tecnológica Federal do
Paraná

Processamento de imagens

**Uma análise da área verde de
dos entornos da utfpr apucarana
no perido de 2005 a 2024**

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2024



Objetivo

O objetivo dessa análise é visualizar a alteração da área verde nos arredores da utfpr por meio do processamento das imagens de satélite tiradas entre os anos de 2005 e 2024



Método utilizado

- Imagens de Satélite
- Google Earth
- R Studio



Studio[®]



I
M

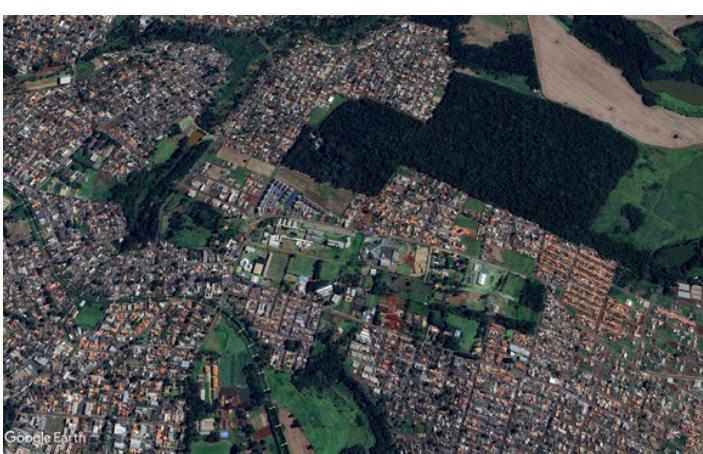
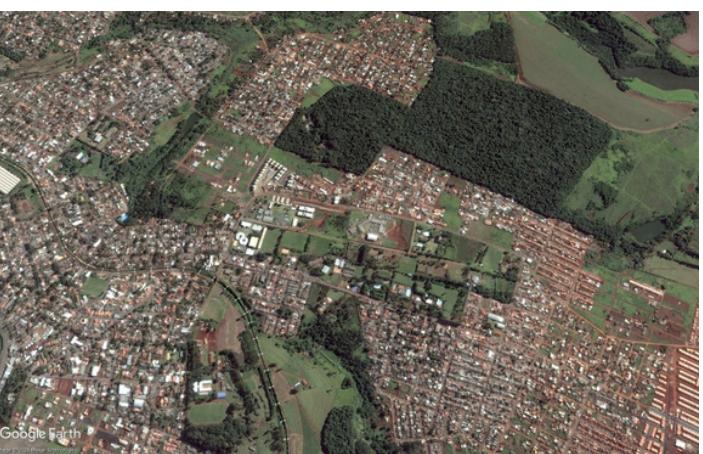
A

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S

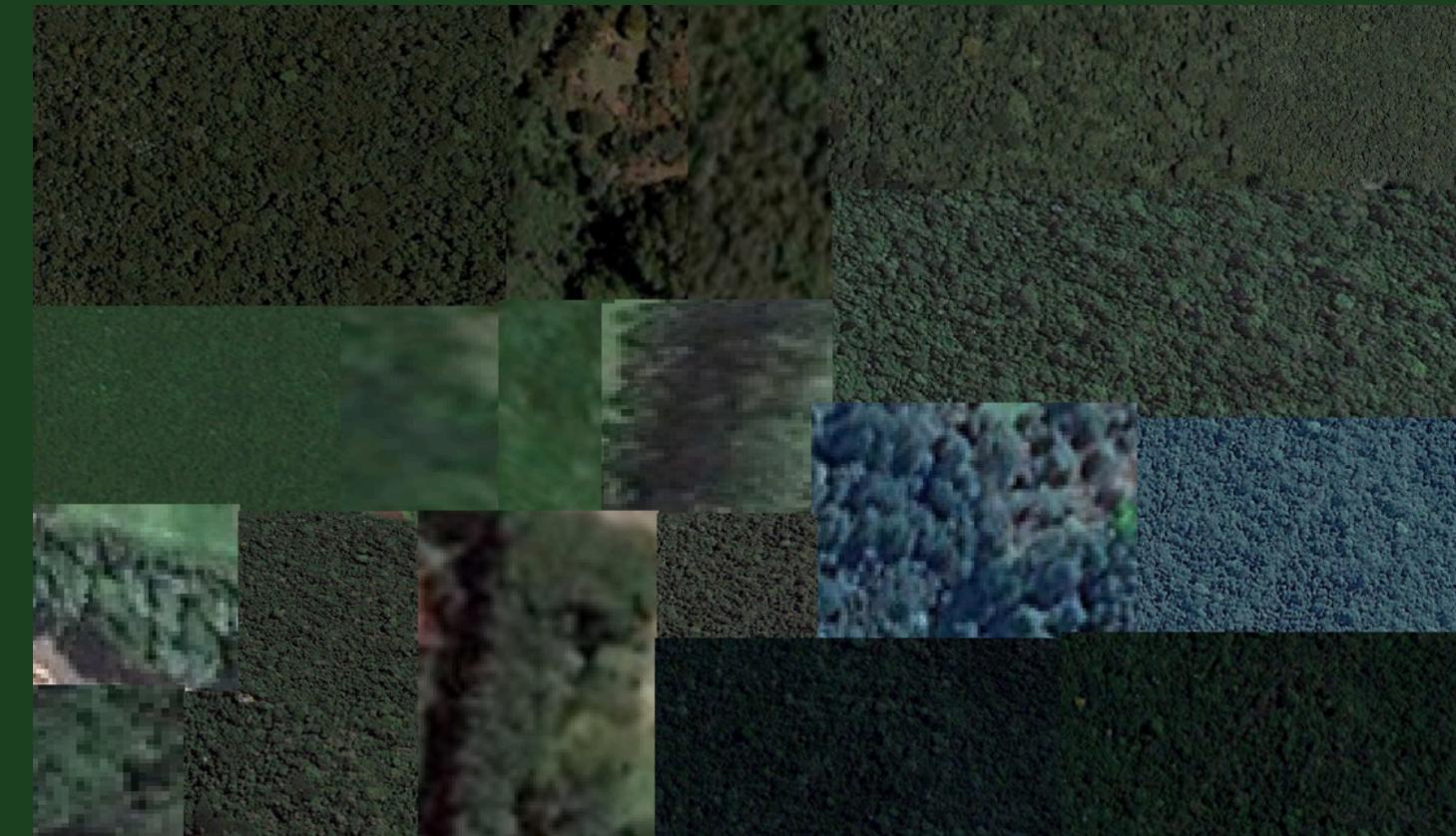


Imagens para treinar o programa

terrenos(área vazia)



residências(área urbana)



vegetação(área verde)

2005



Google Earth

Image © 2024 CNES / Airbus

2024

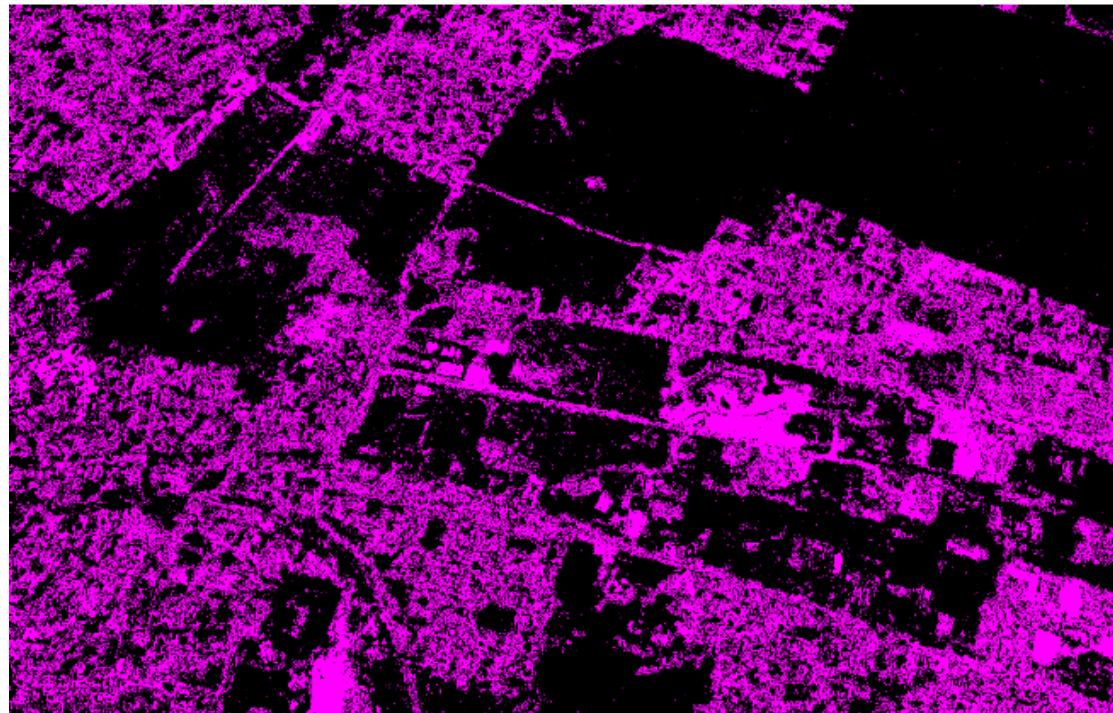


Google Earth

Image © 2024 Airbus

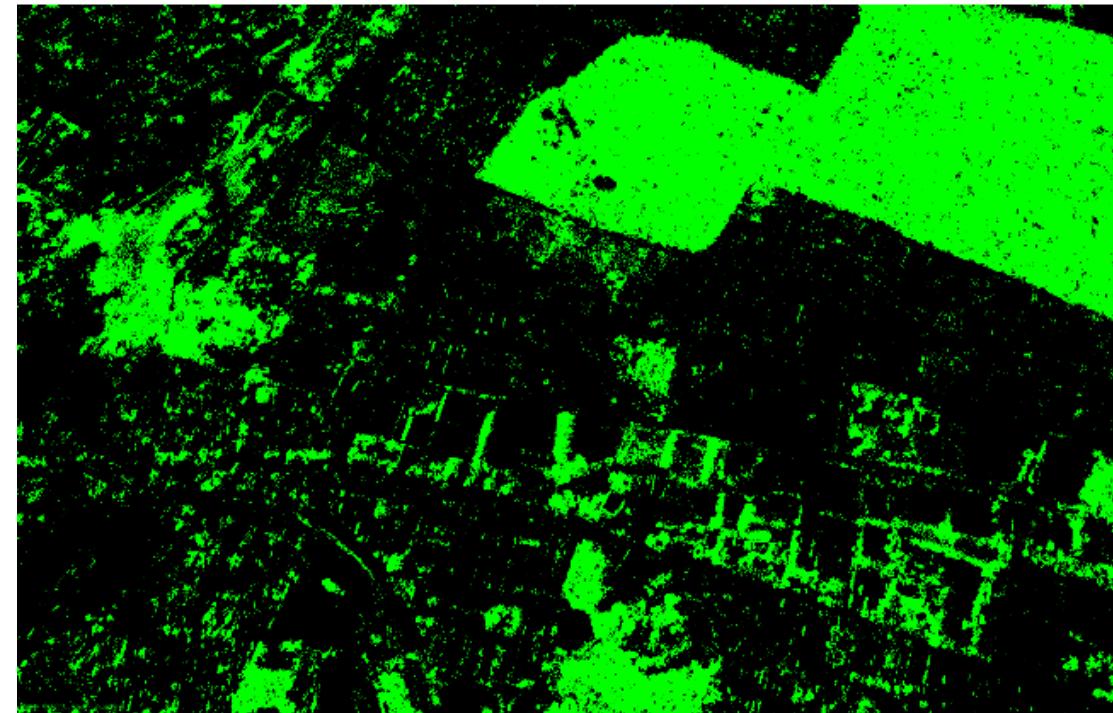
2005

Residências



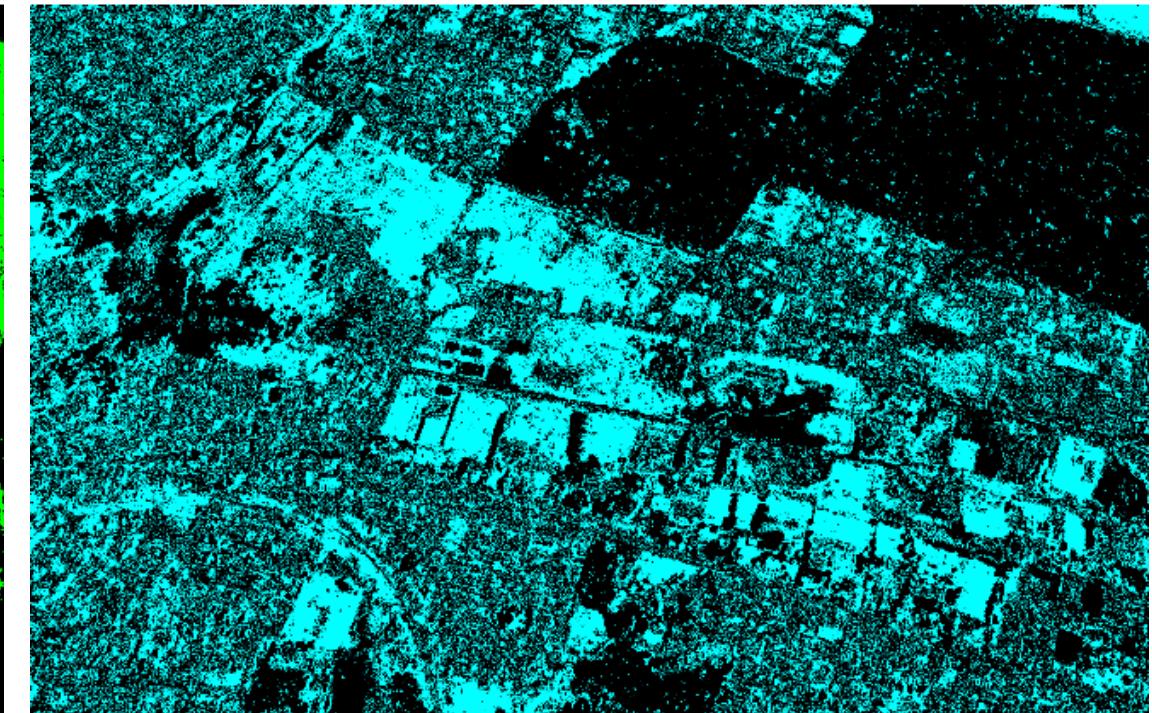
32,82%
(513630)

Florestas



28,22%
(372031)

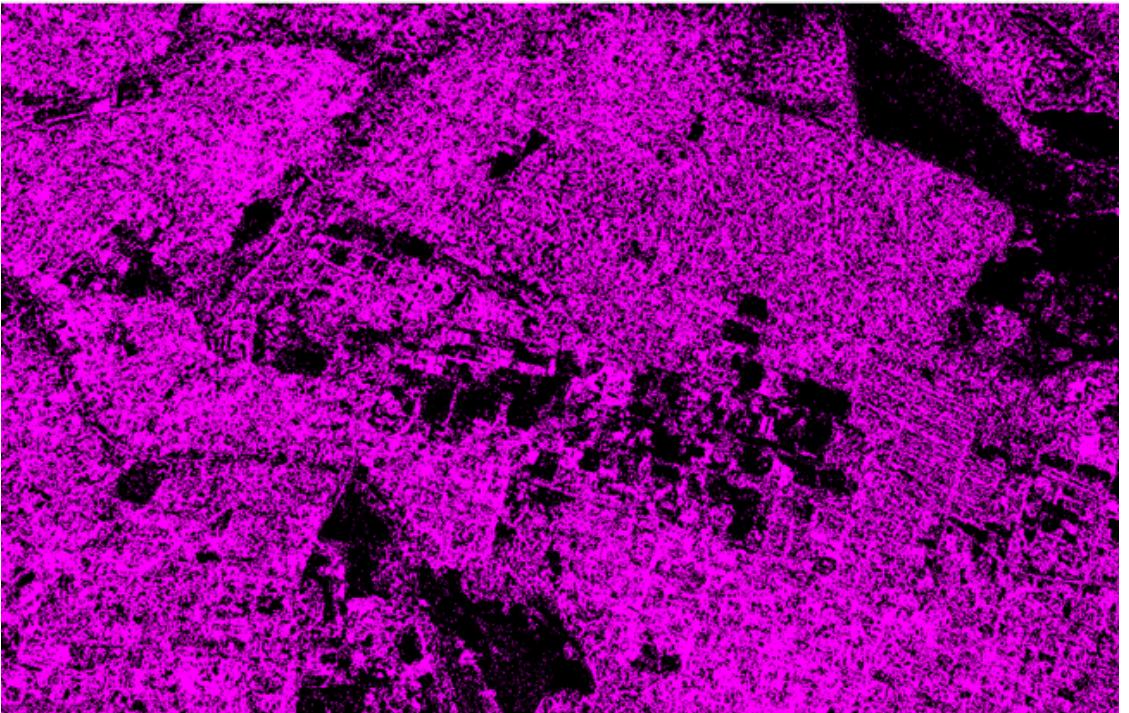
Terrenos



38,96%
(432794)

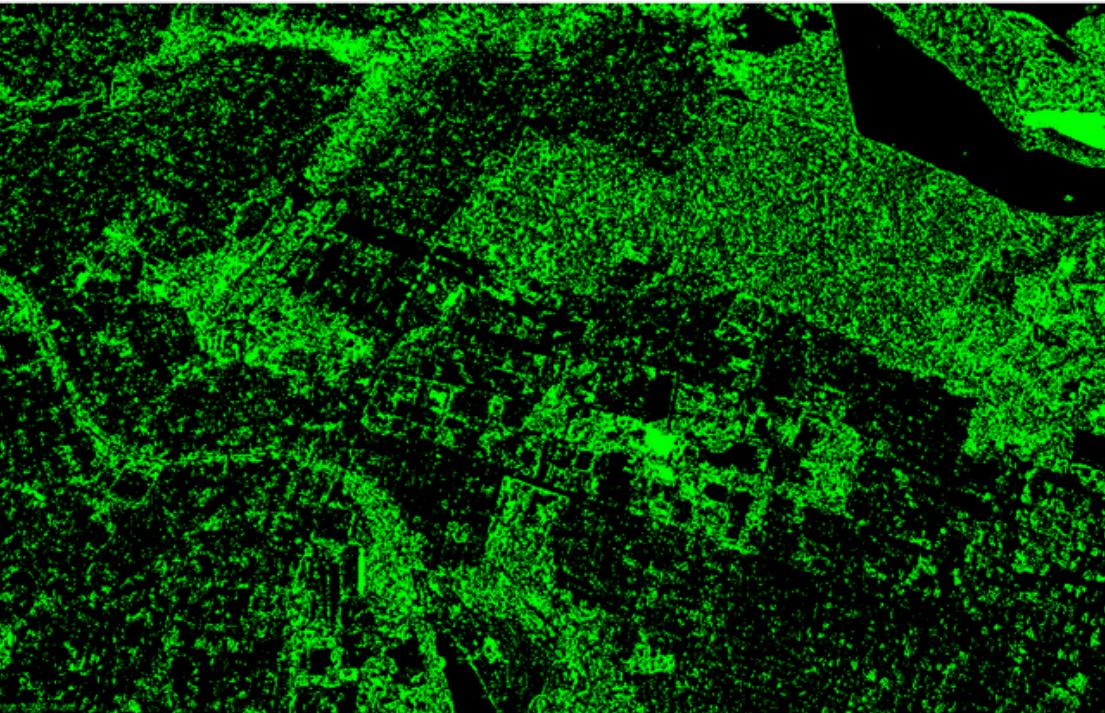
2024

Residências



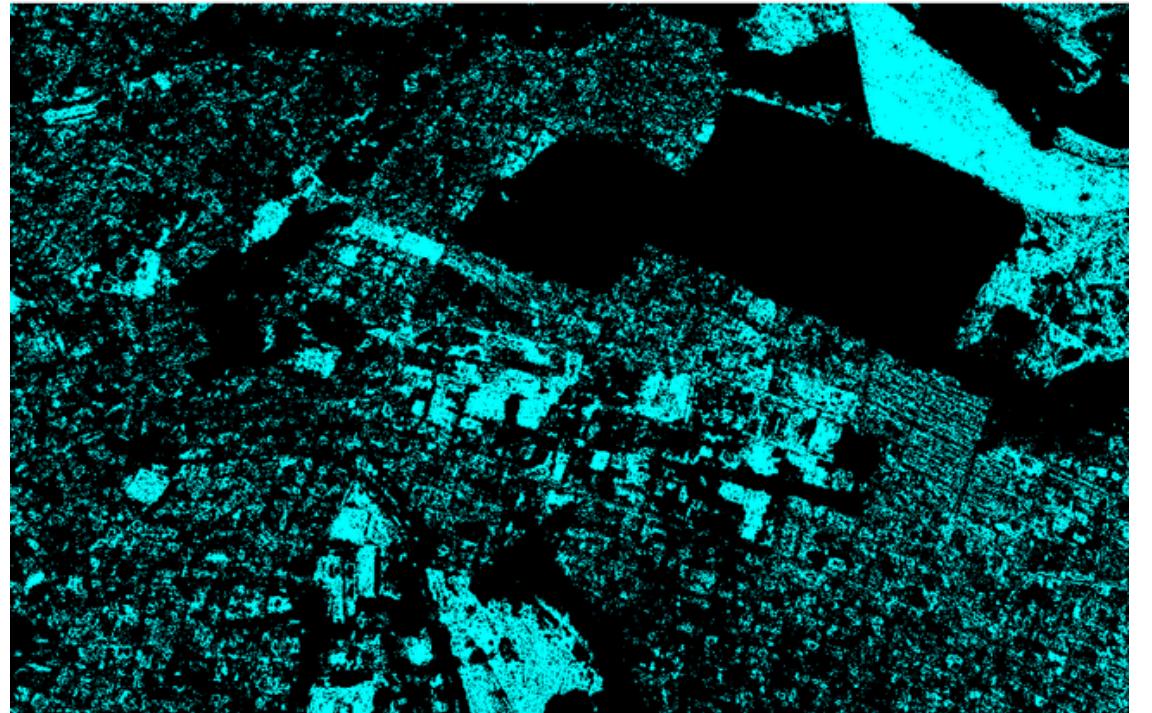
53,72%
(708293)

Florestas



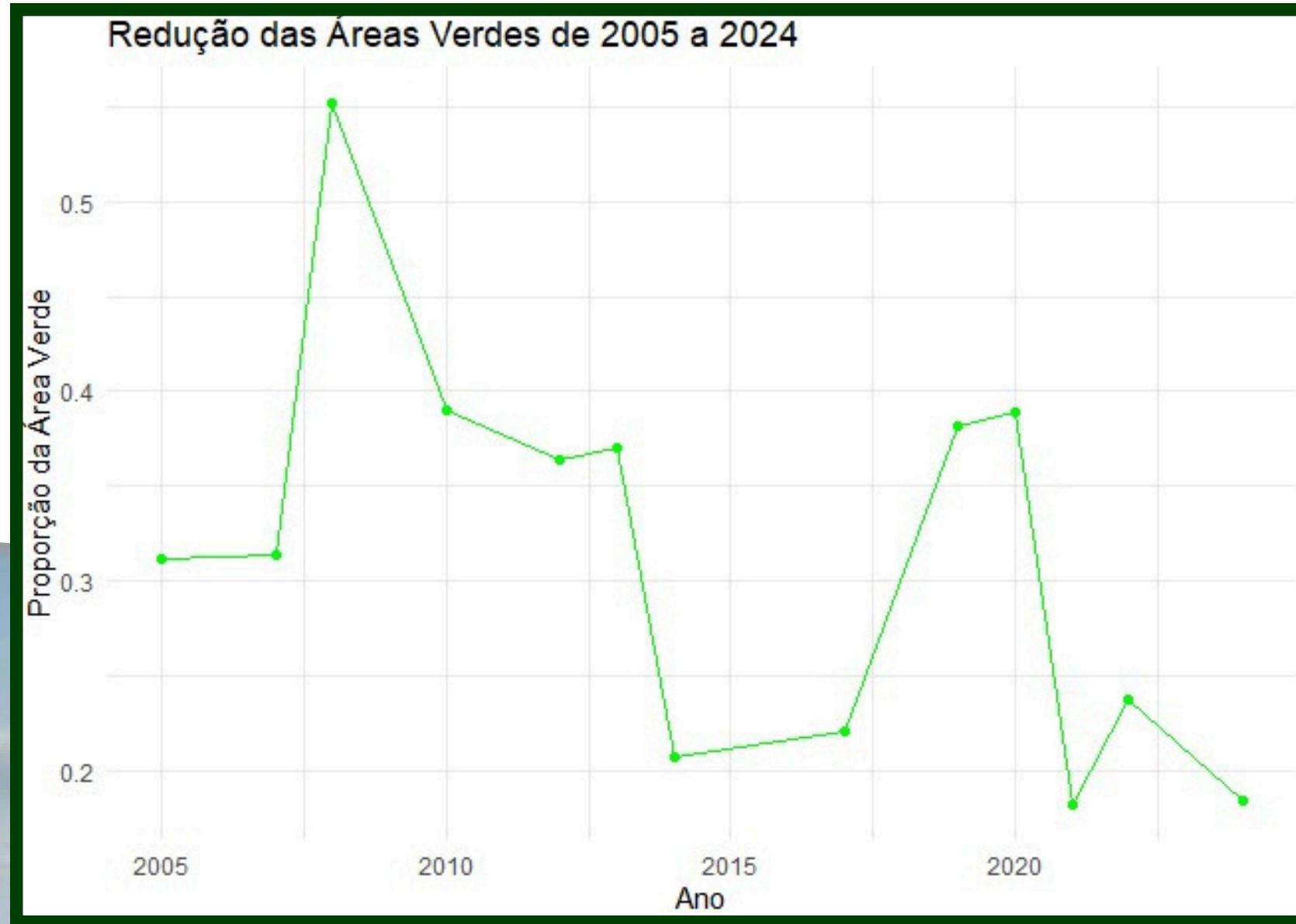
24,58%
(32110)

Terrenos



21,70%
(286112)

Análise do gráfico



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eu não sao
diminuir a fonte



OBRIGADO

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