

Supplementary materials:

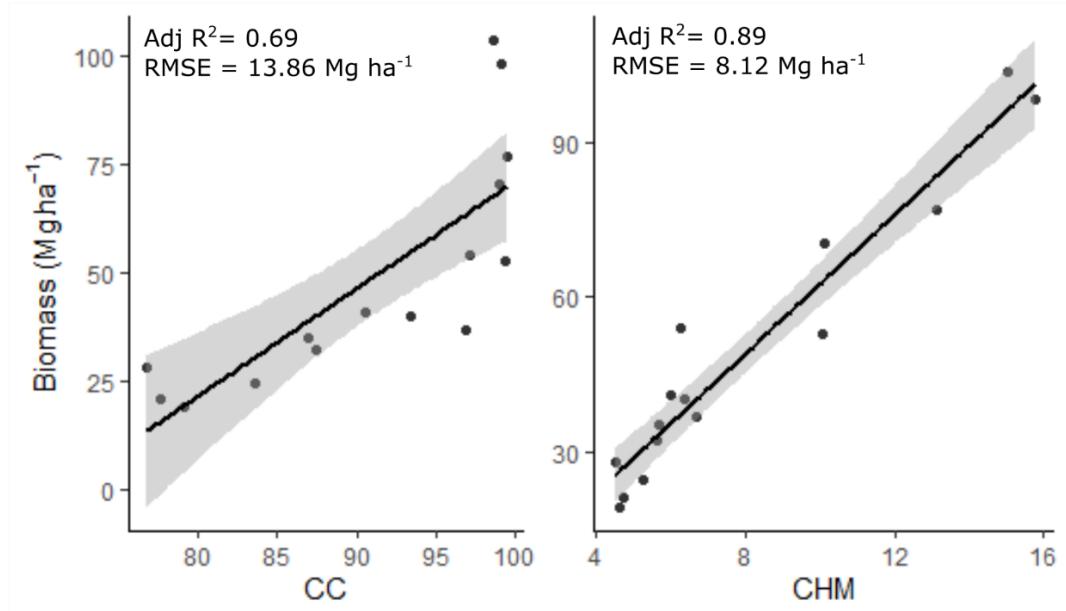


Figure S1. One-on-one relationship between the selected airborne LiDAR predictors (CC (%): canopy cover; and CHM (m): canopy height model) and the mean AGB values measured in the field plots ($Mg\ ha^{-1}$).

Field photos of natural vegetation found in the Rio Vermelho watershed



Figure S2. Savanna -cerradão transition zone in the municipality of Itapirapuã



Figure S3. Cerradão in the municipality of Goiás.



Figure S4. Cerradão in the municipality of Itapirapuã



Figure S5. Cerradão-seasonal forest transition zone in the municipality of Goiás.

3. LiDAR returns

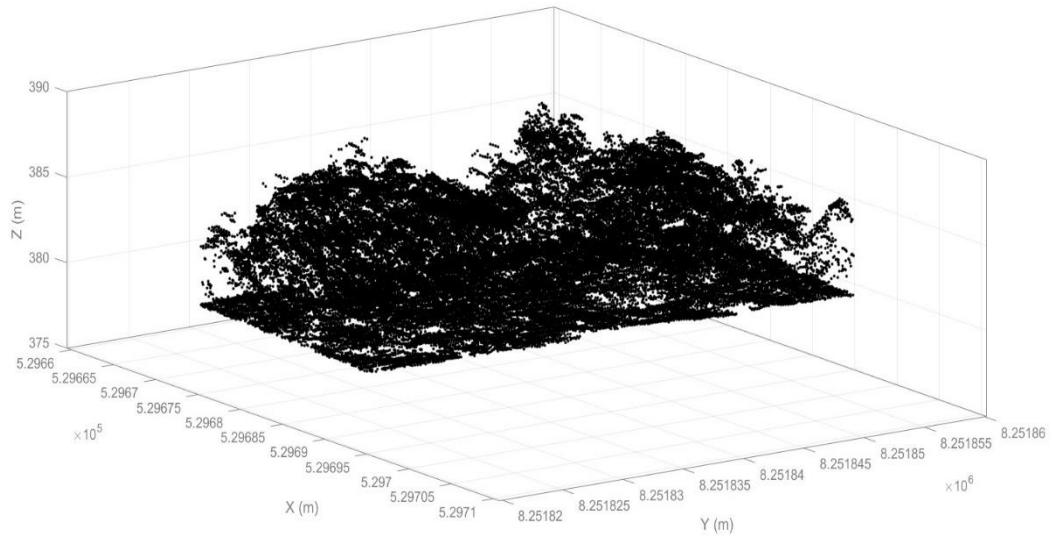


Figure S6 . Itapirapuã 1.

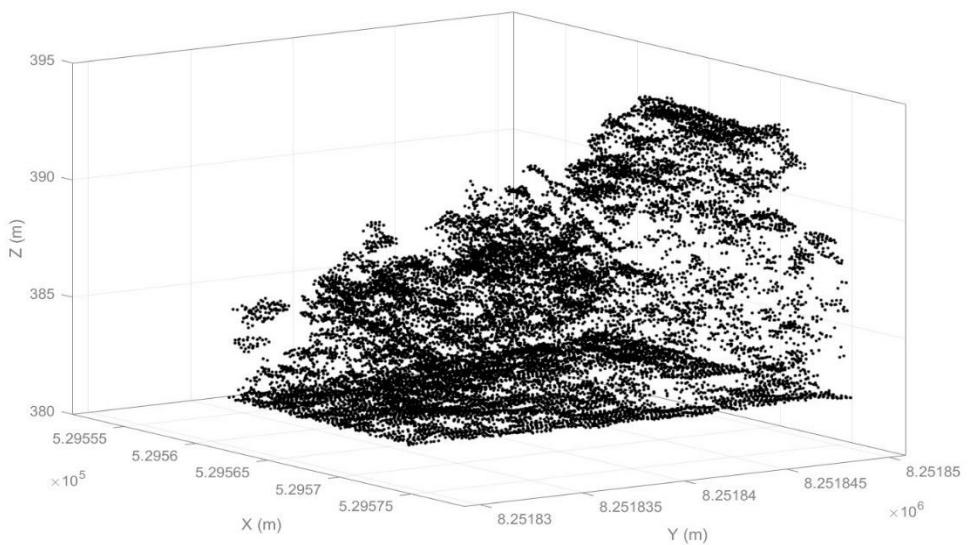


Figure S7. Itapirapuã 2.

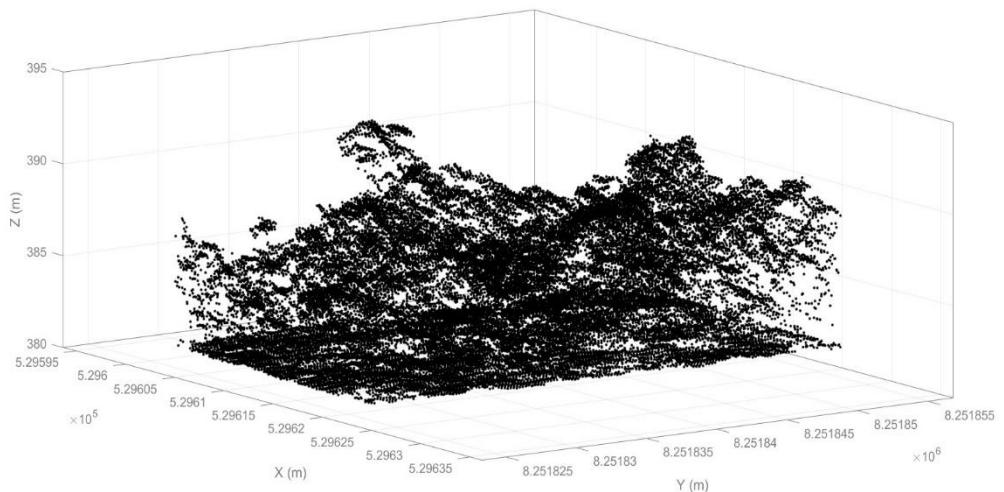


Figure S8. Itapirapuã 3.

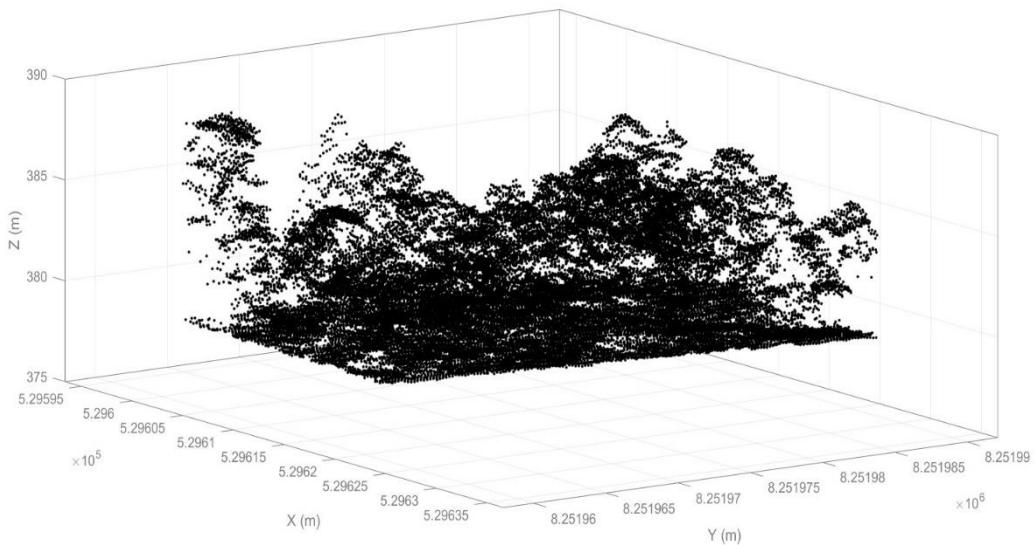


Figure S9. Itapirapuã 4

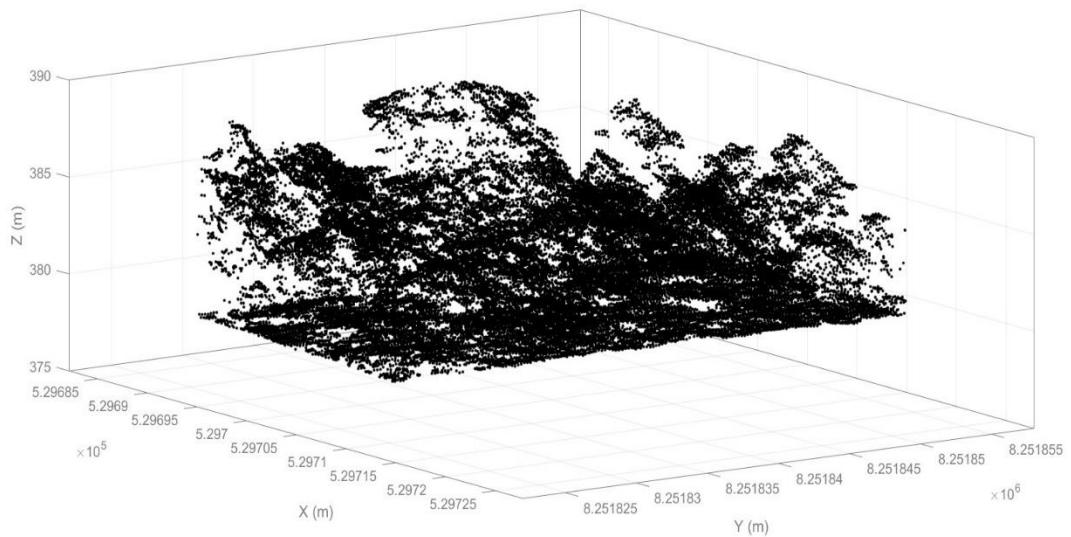


Figure S10. Itapirapuã 5

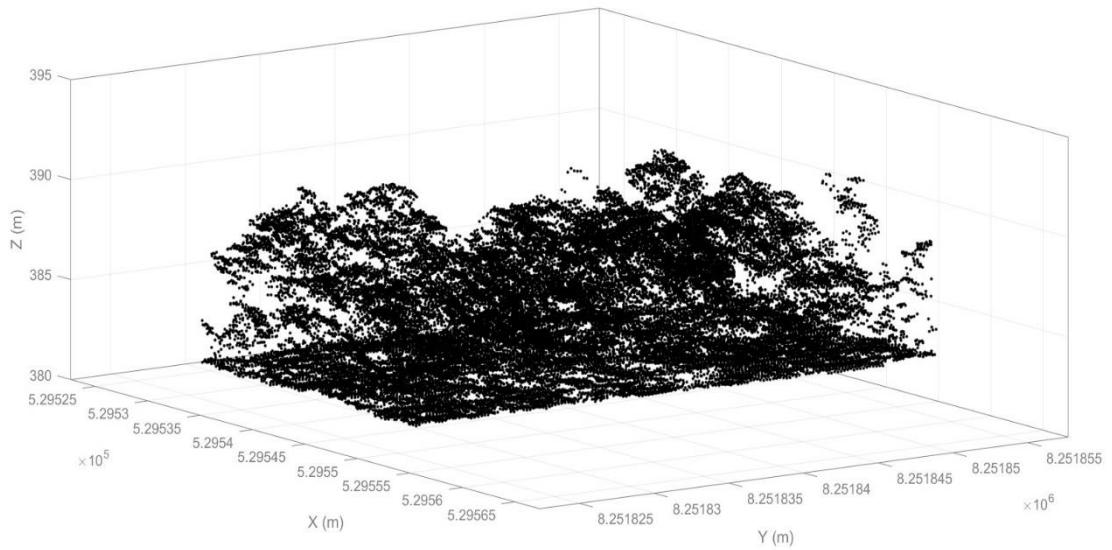


Figure S11. Itapirapuã 6

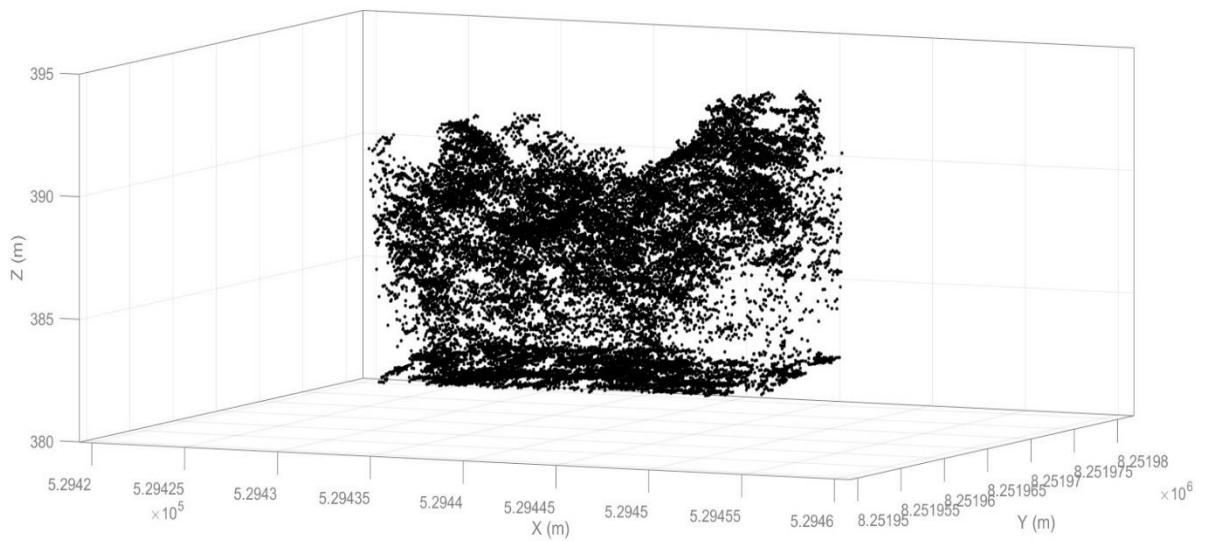


Figure S12. Itapirapuã 7

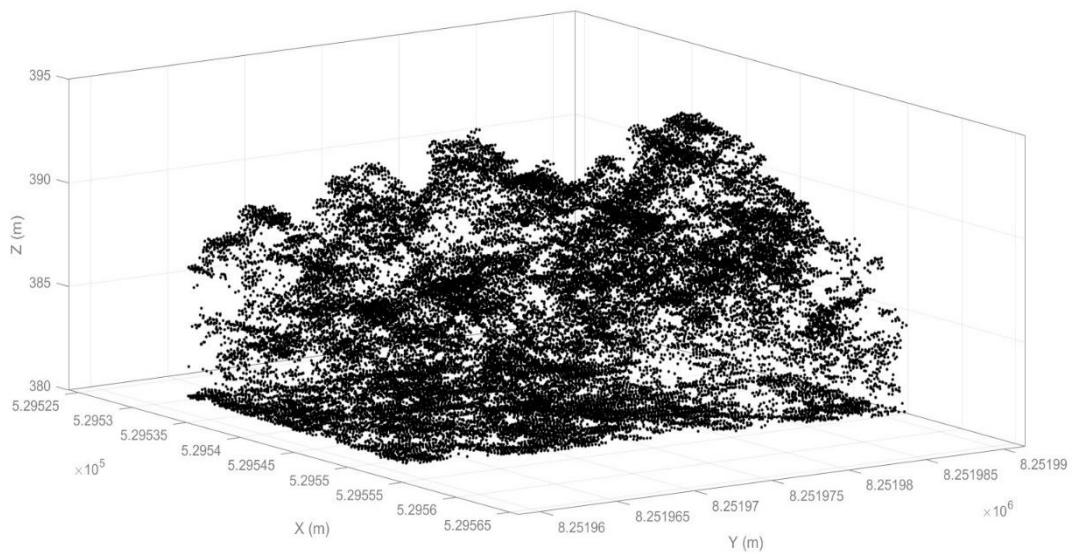


Figure S13. Itapirapuã 8

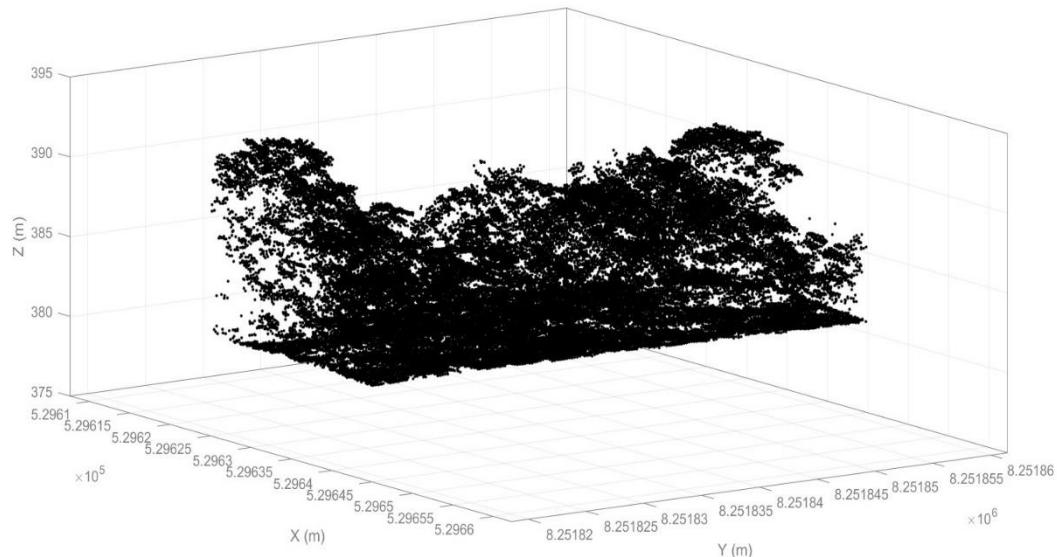


Figure S14. Itapirapuã 9

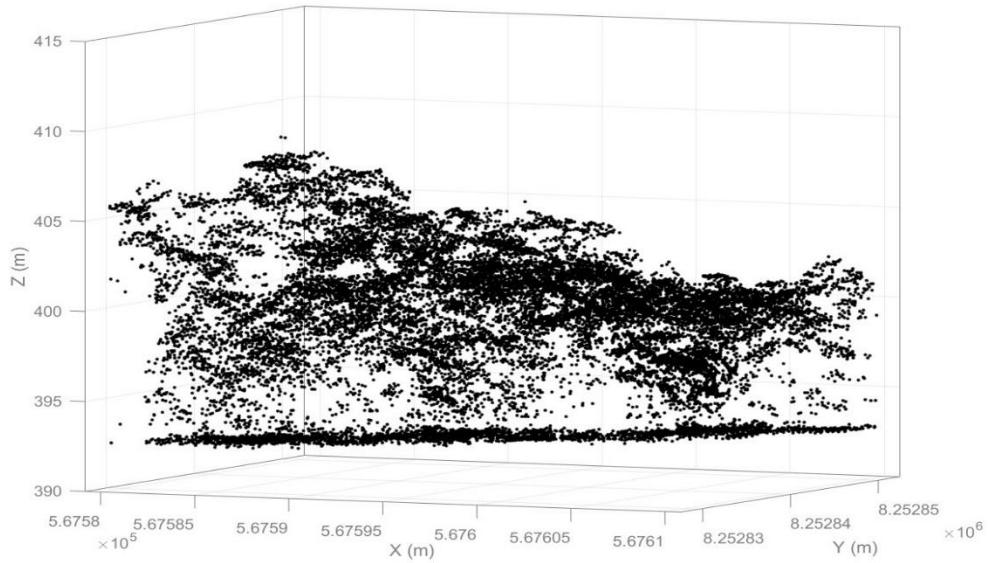


Figure S15. Goiás 10.

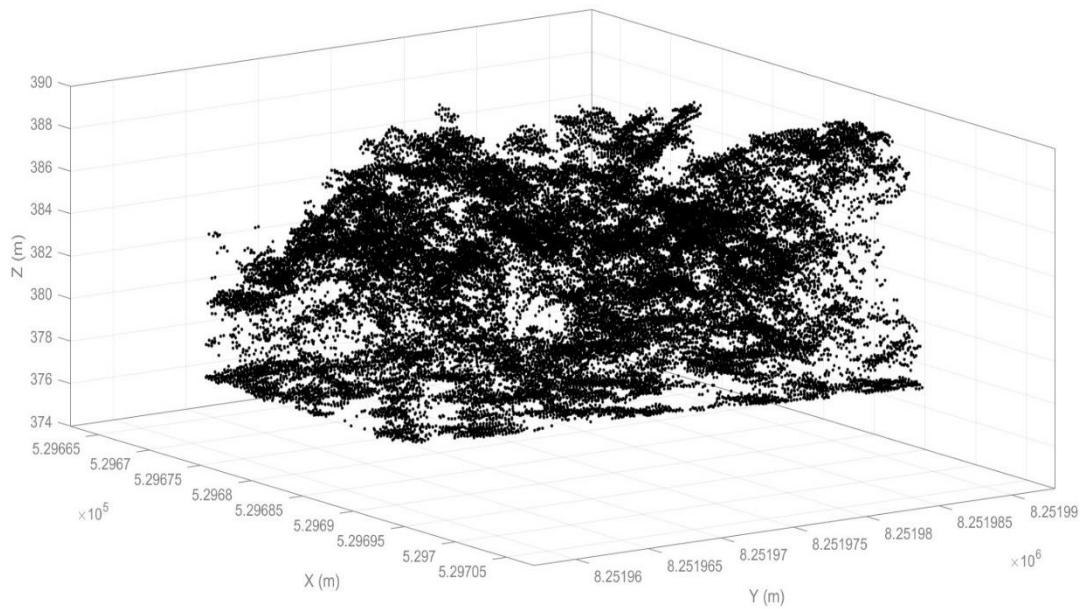


Figure S16. Itapirapuã 11

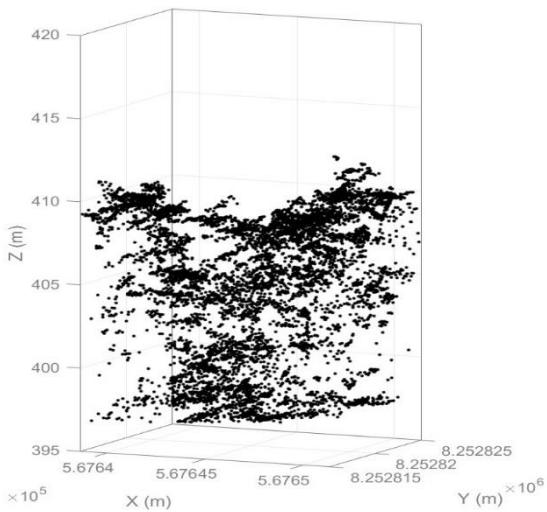


Figure S17. Goiás 12

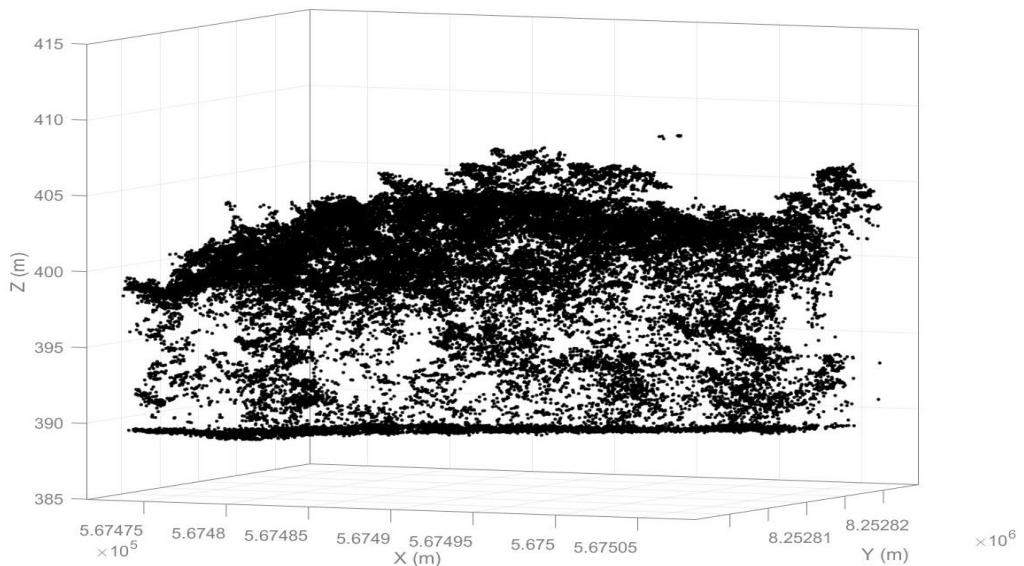


Figure S18. Goiás 13

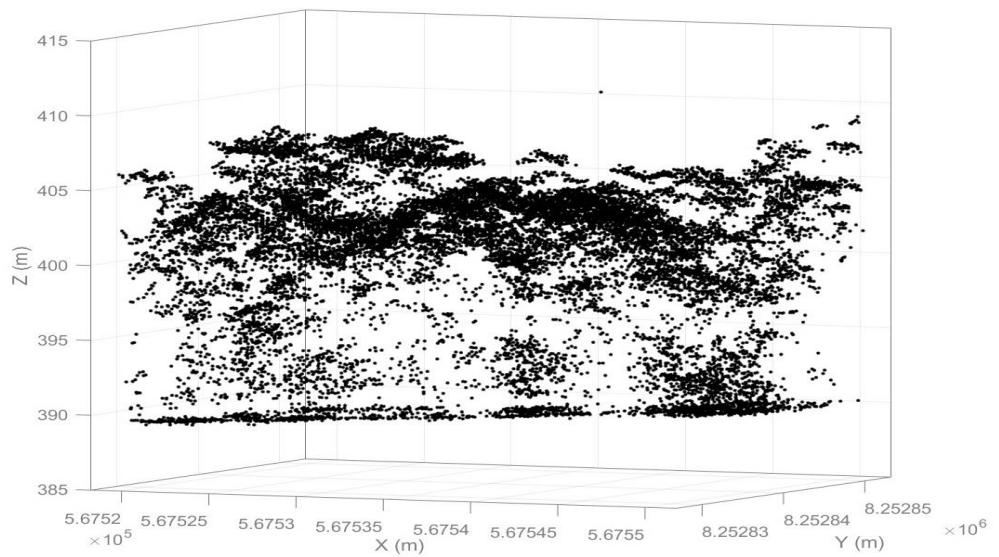


Figure S19. Goiás 14

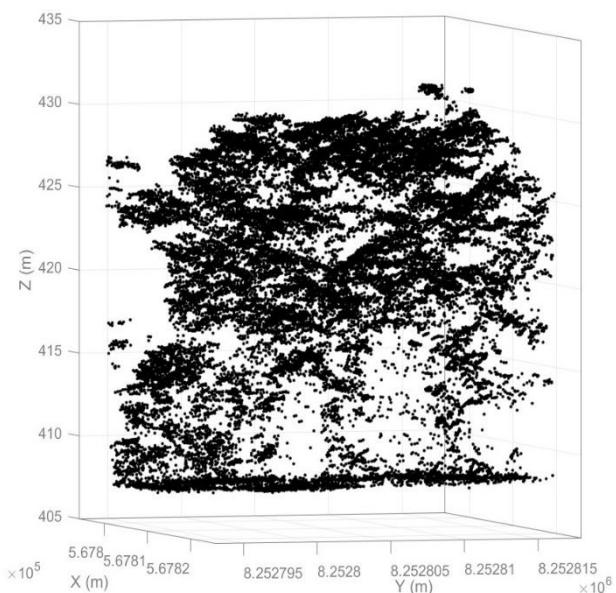


Figure S20. Goiás 15.