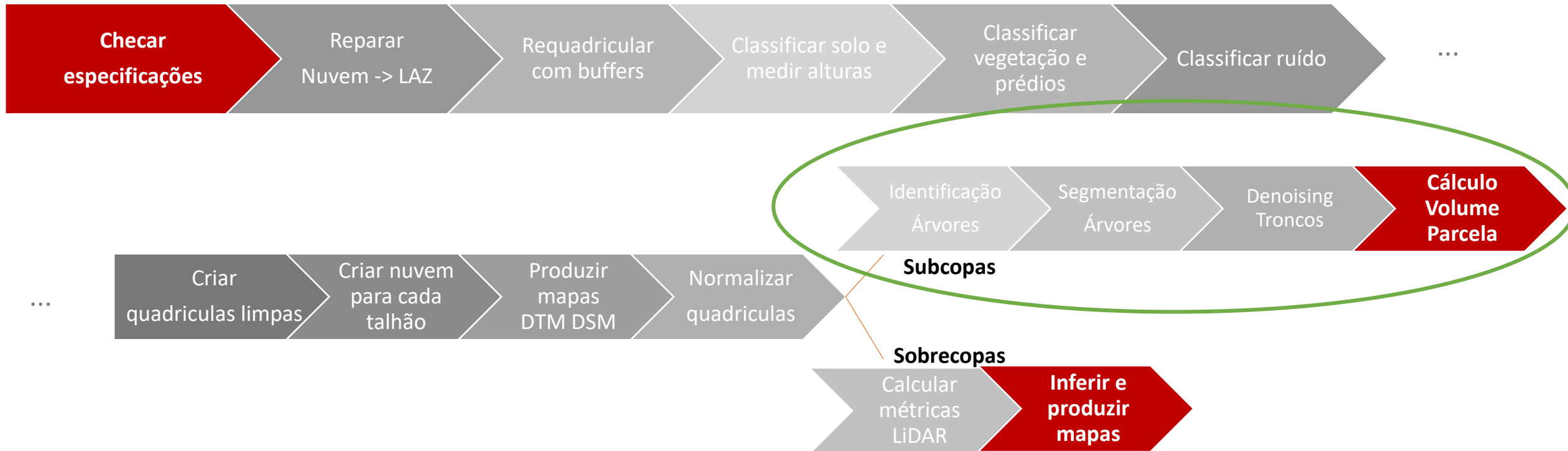


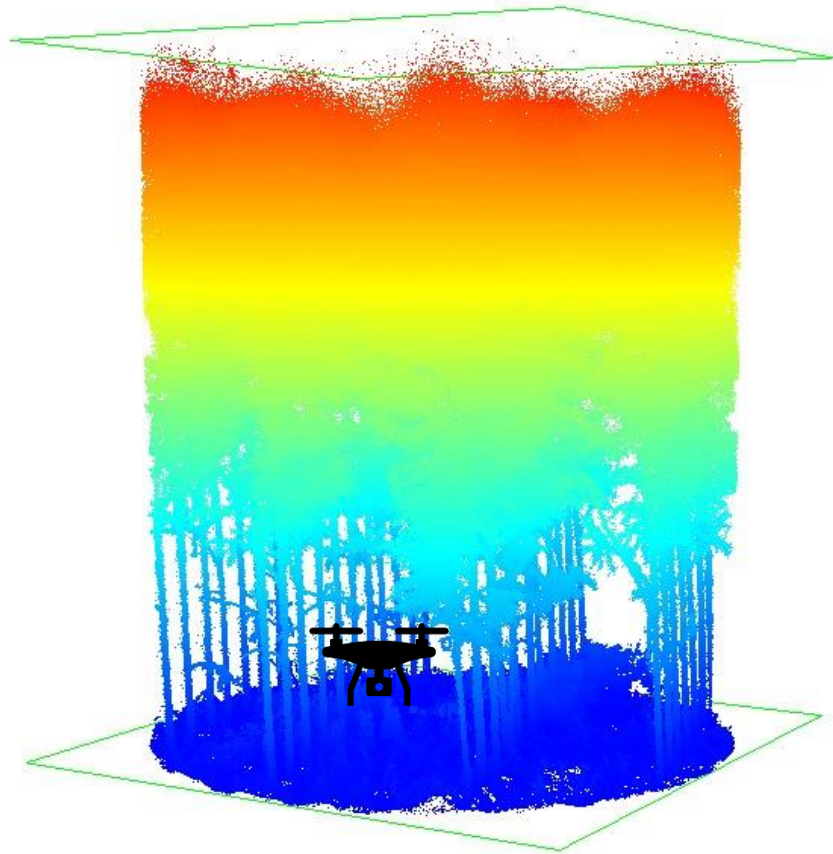
# ALS + LiDAR sub copas



## Inventário Florestal **MLS**



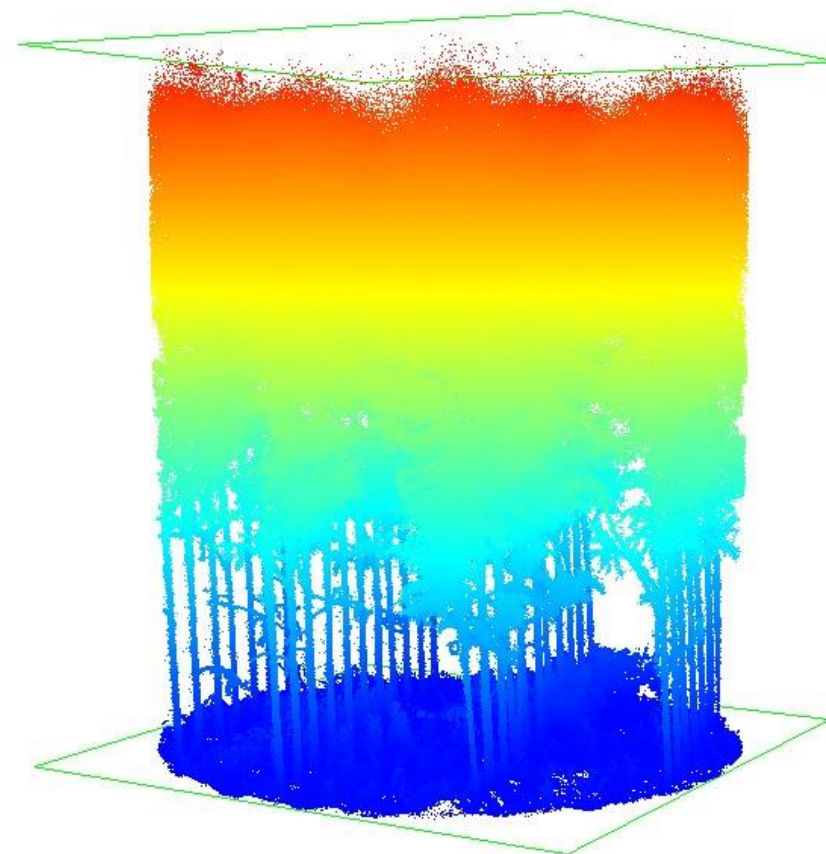
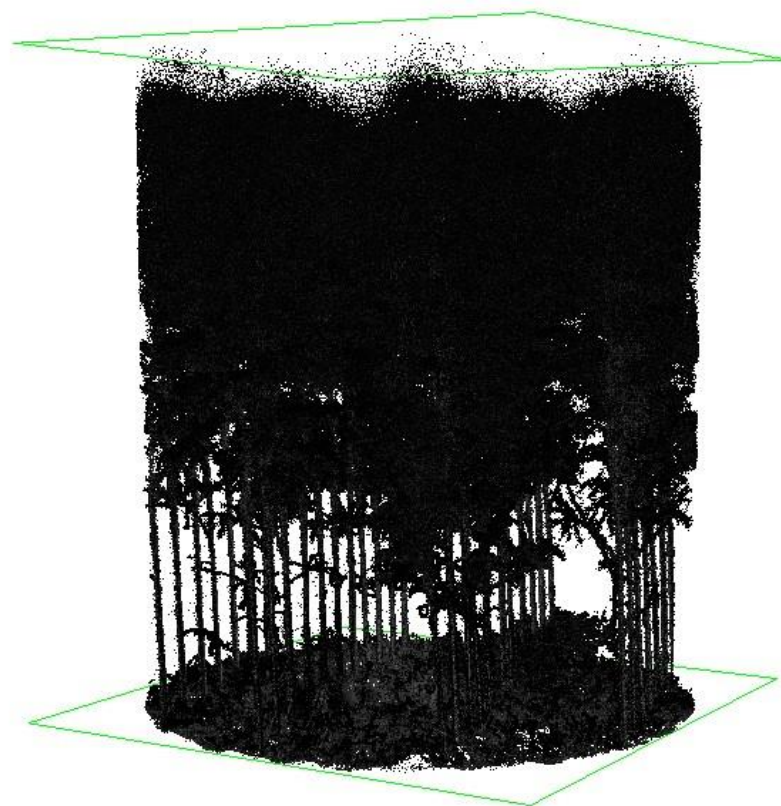
# ALS + LiDAR sub copas



TreeLS

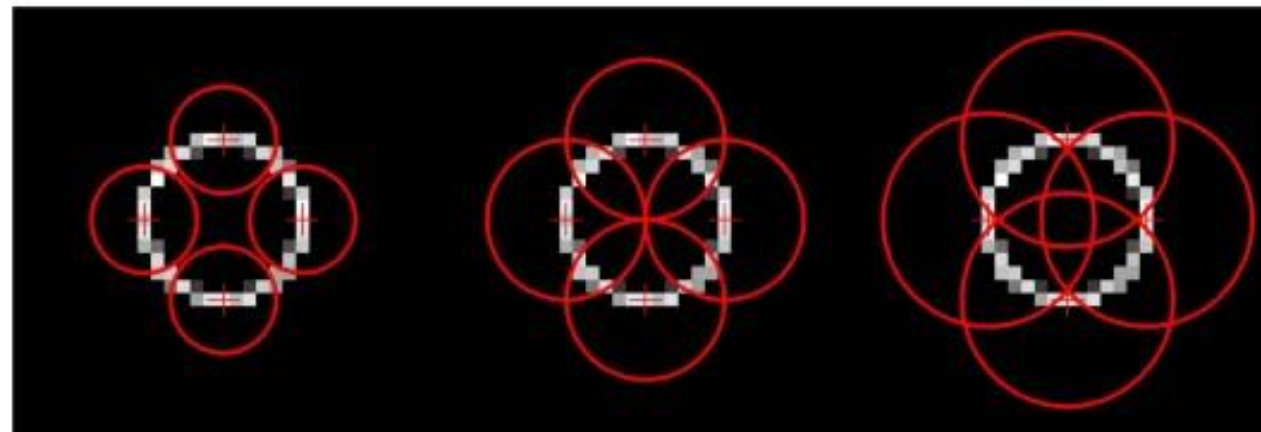
Subcopas

# ALS + LiDAR sub copas



Subcopas

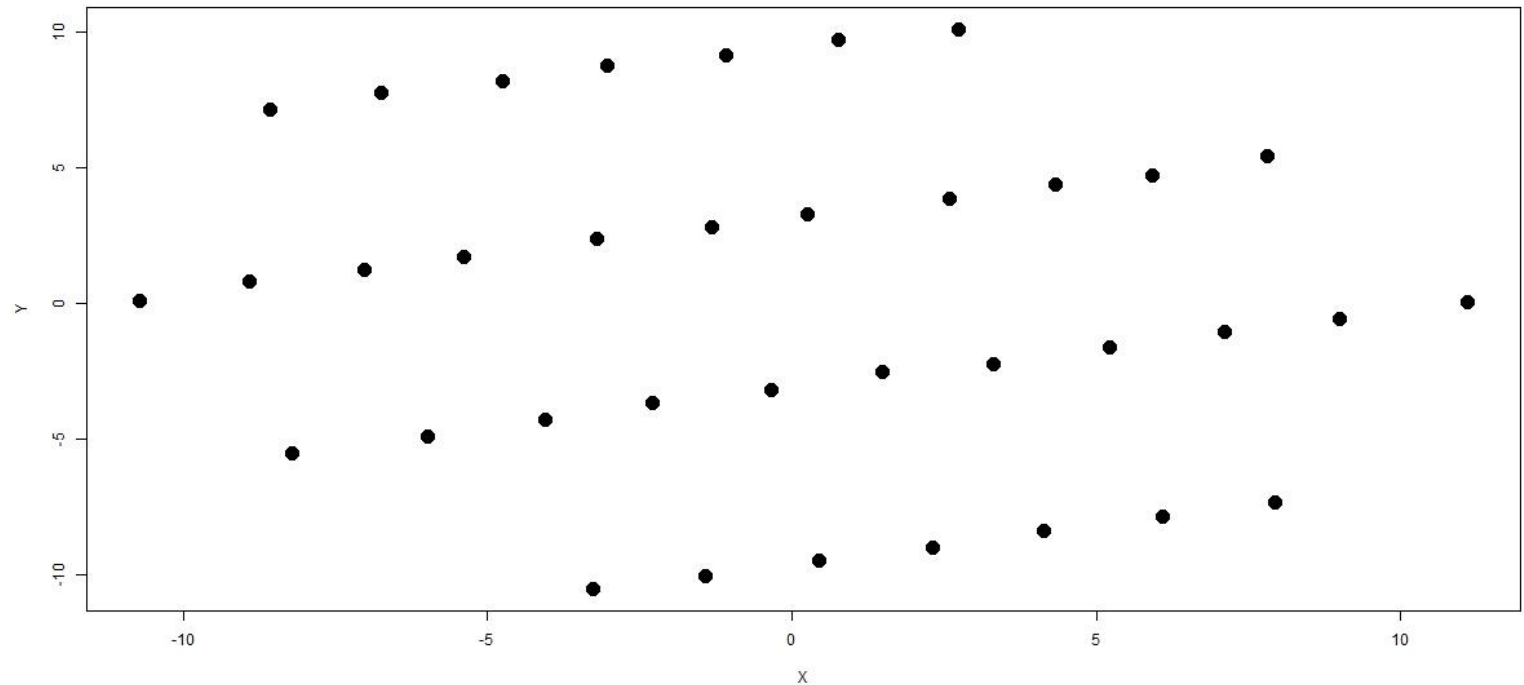
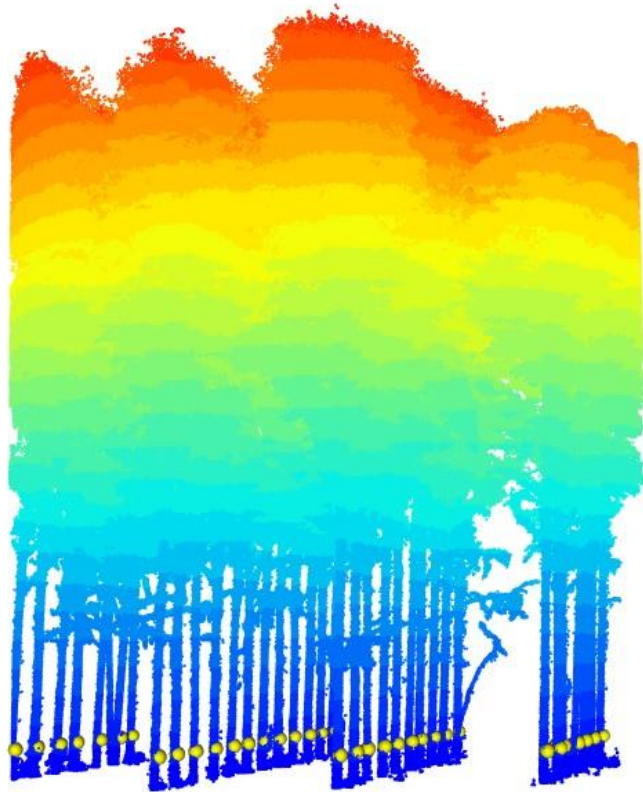
## Transformação Hough



Identificação  
Árvores

# ALS + LiDAR sub copas

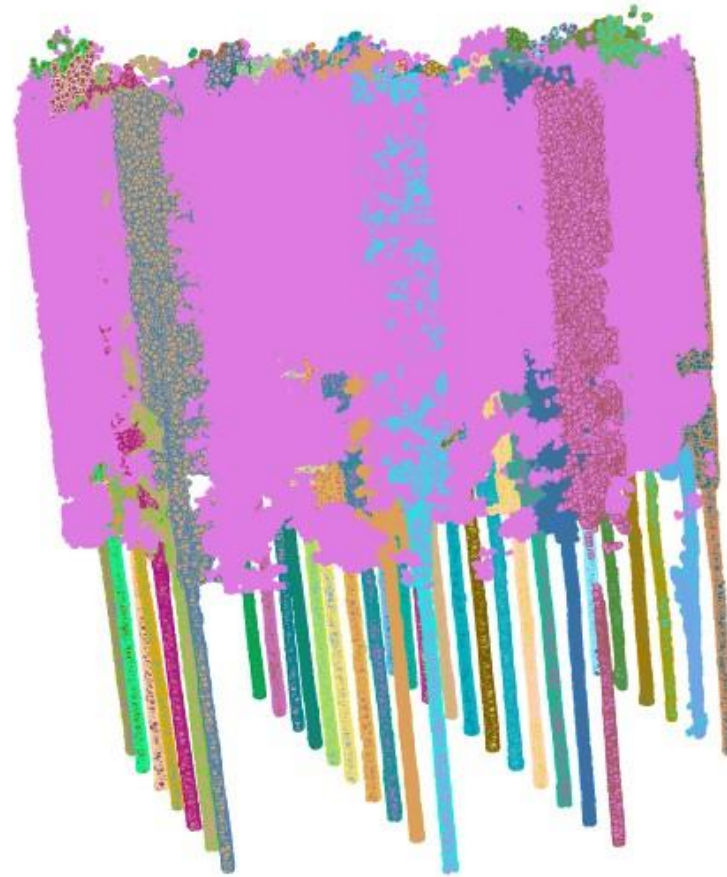
“Sementes”



Identificação  
Árvores

# ALS + LiDAR sub copas

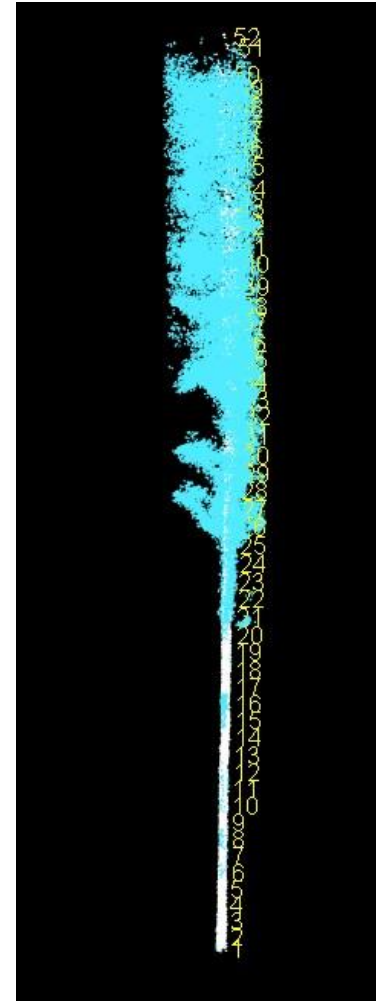
Classifica região das árvores



Identificação  
Árvores

# ALS + LiDAR sub copas

Classifica pontos dos troncos

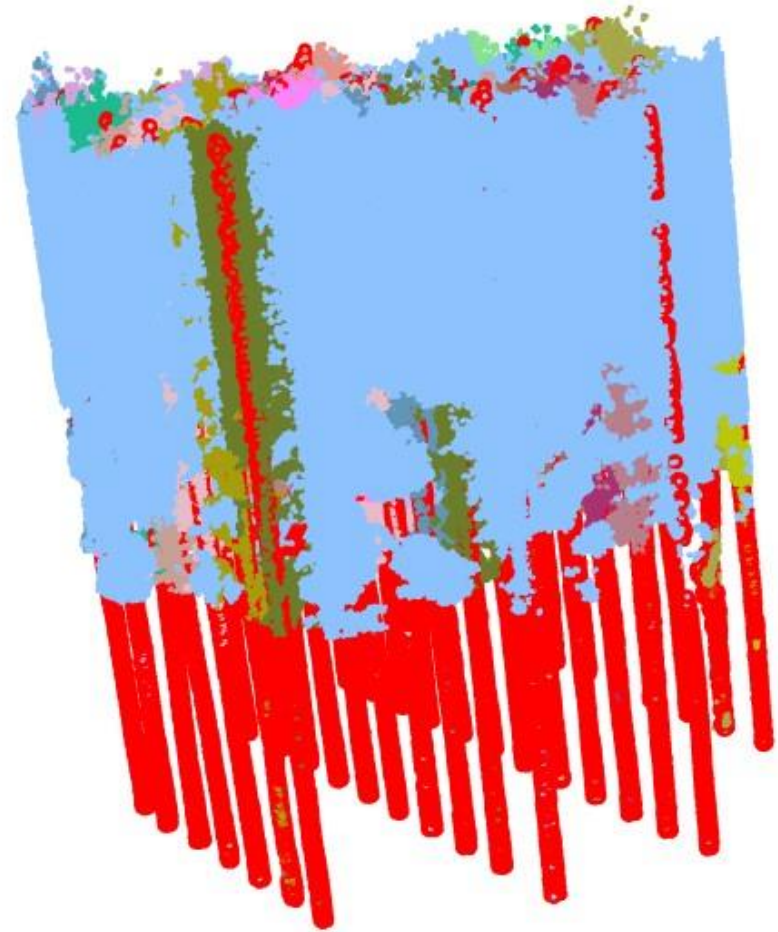


Identificação troncos



# ALS + LiDAR sub copas

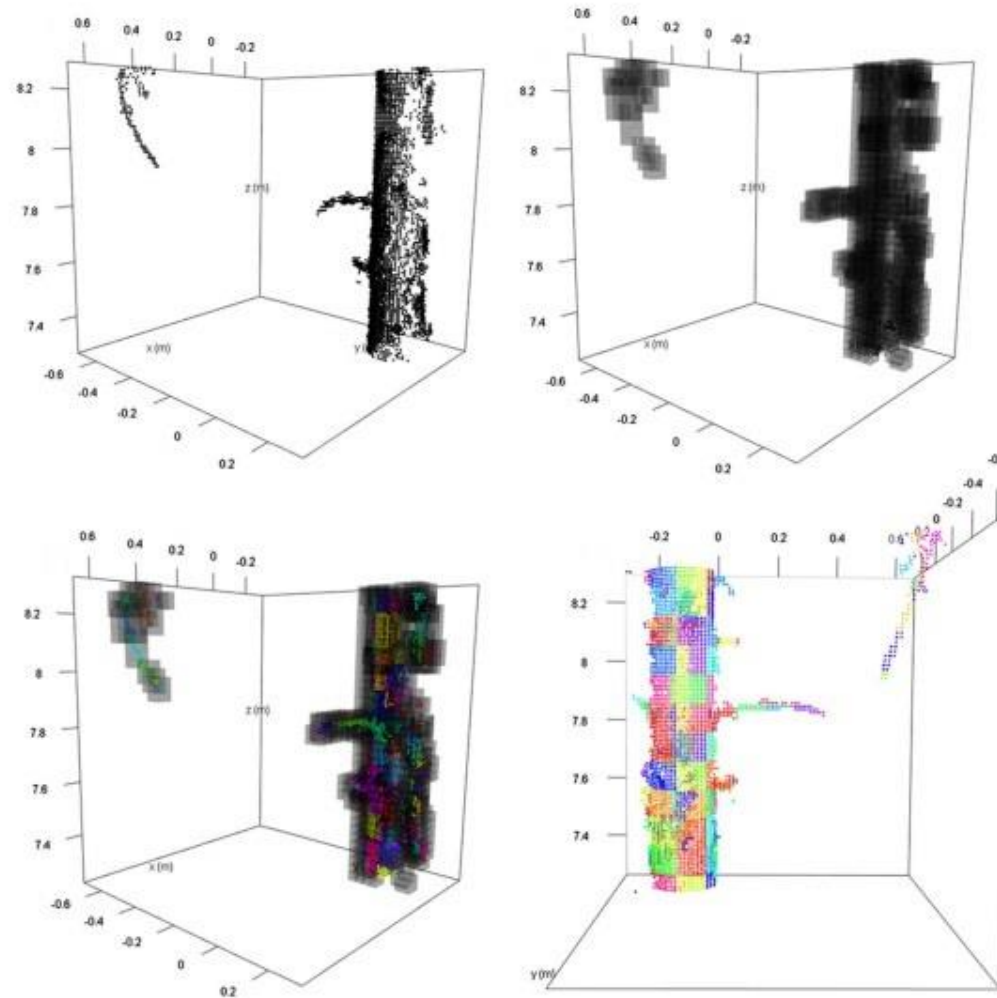
Classifica pontos dos troncos



Identificação  
troncos

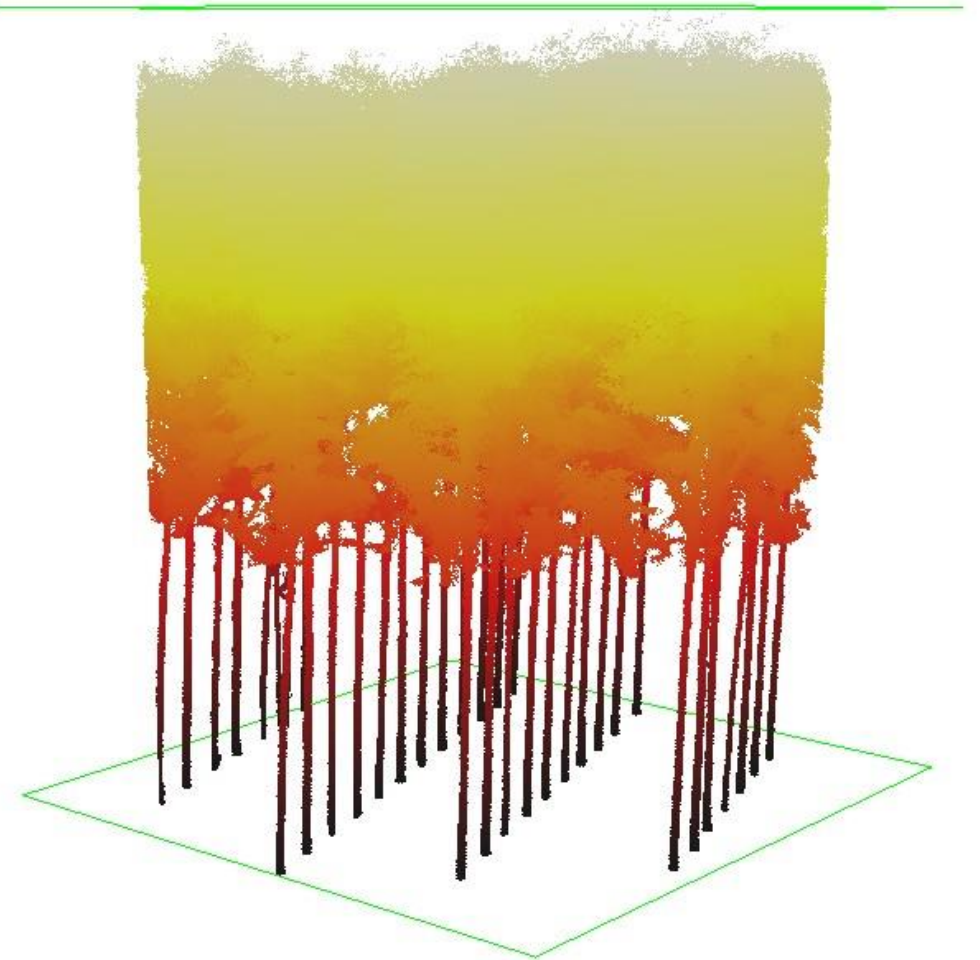
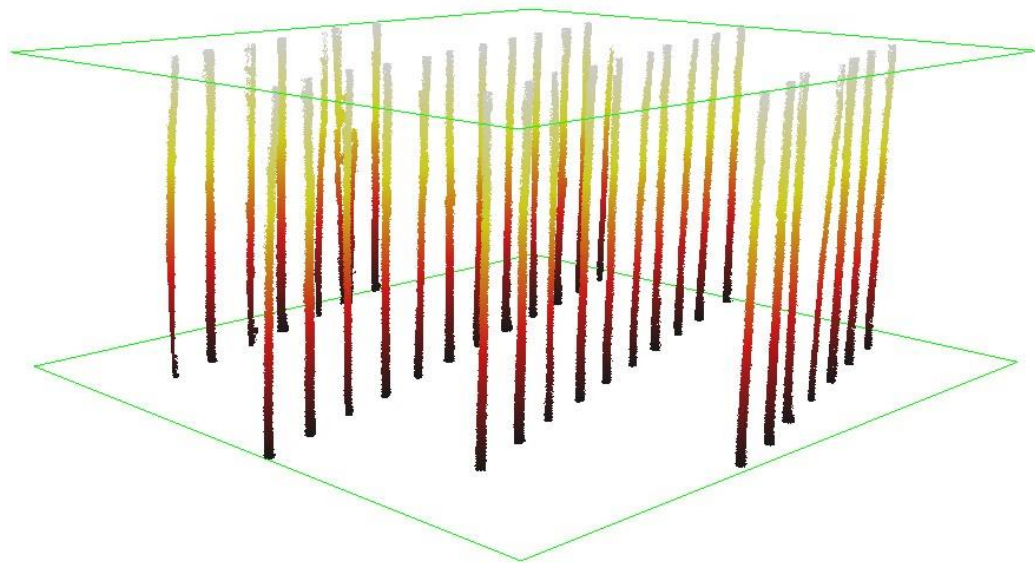
# ALS + LiDAR sub copas

Voxels



Remoção de ruídos  
troncos

# ALS + LiDAR sub copas

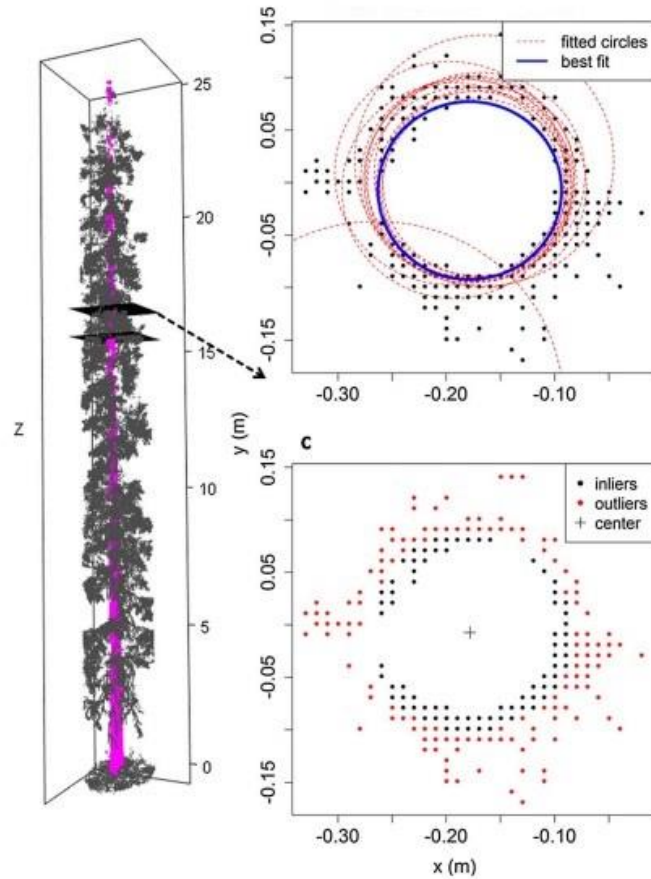


Remoção de ruídos  
troncos

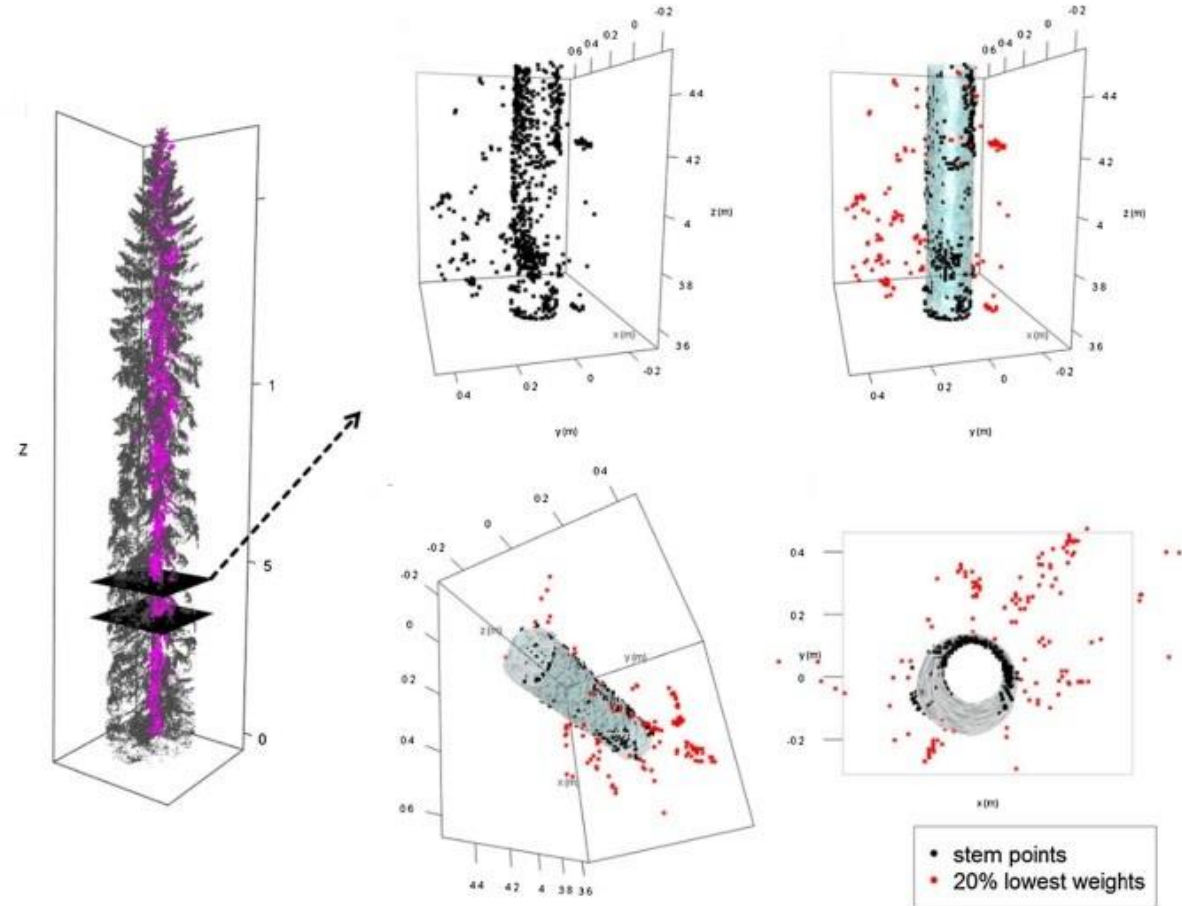


# ALS + LiDAR sub copas

## RANSAC

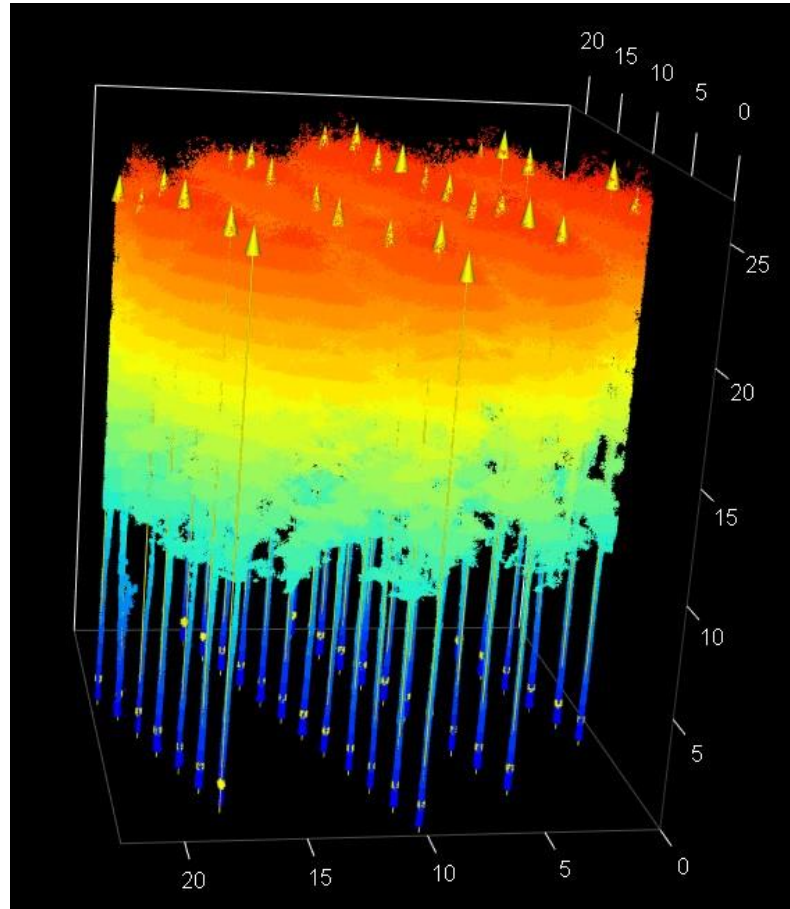


## IRTLS

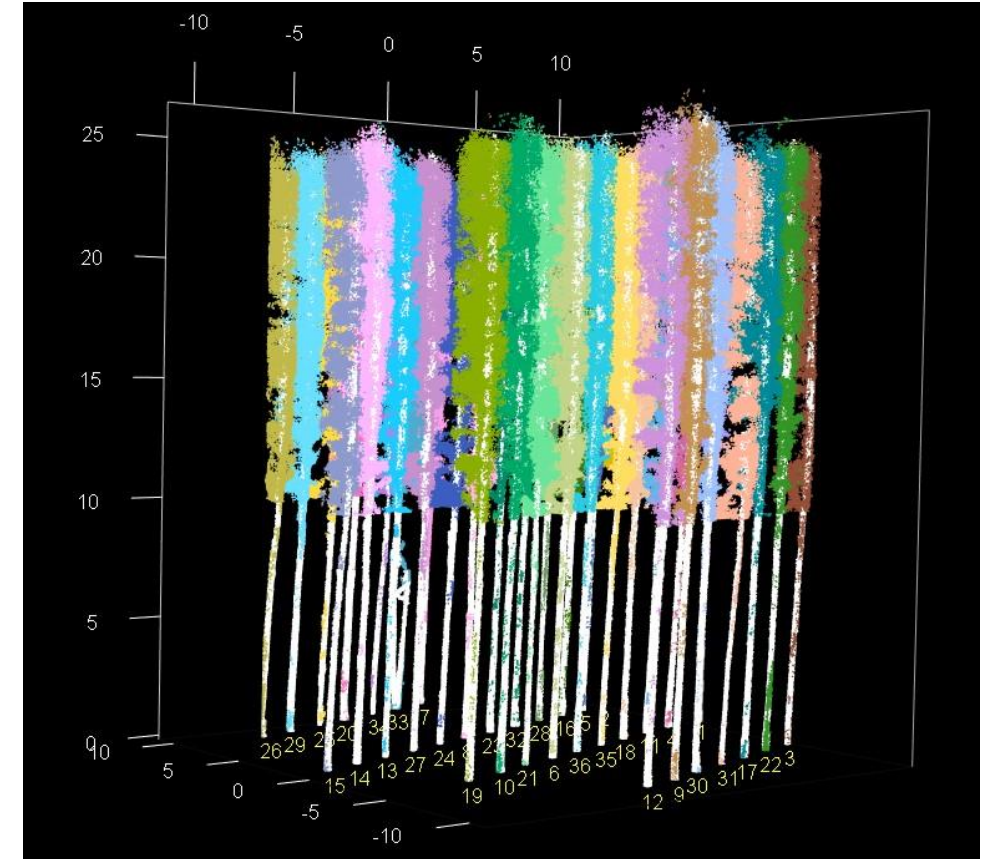


Segmentação Fuste

## Inventário

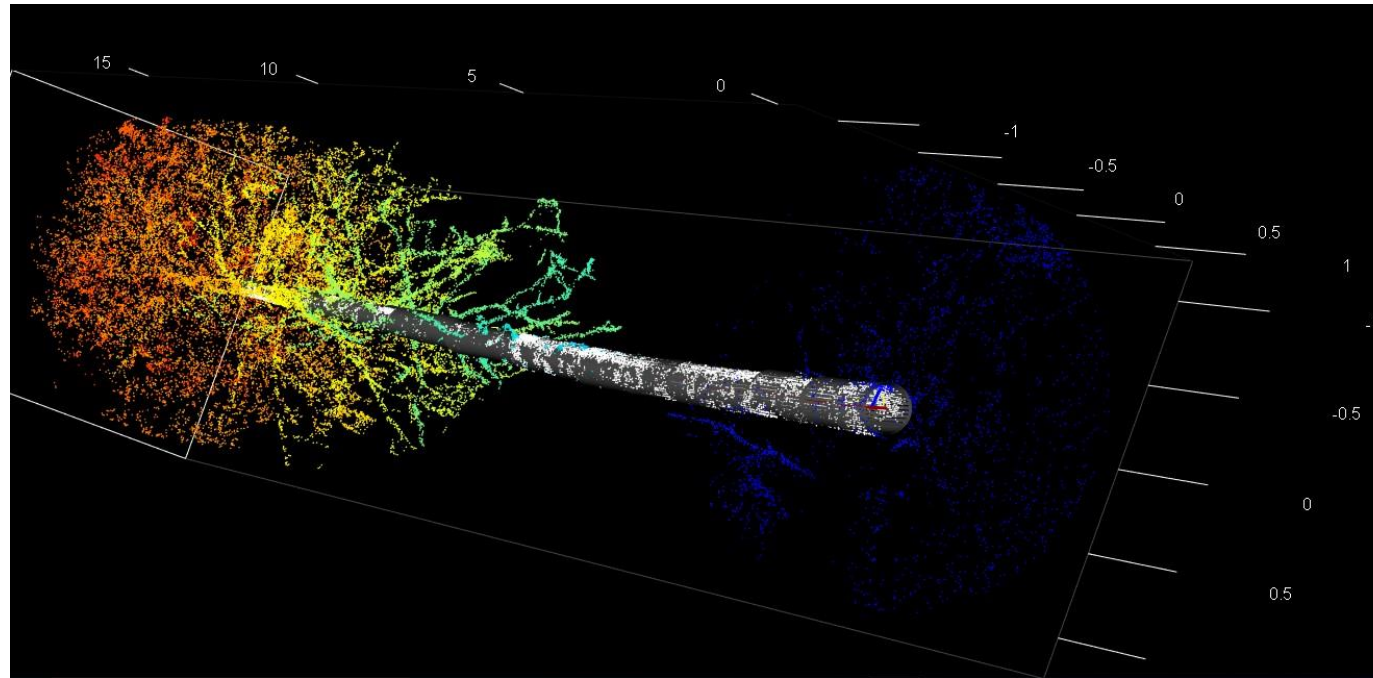


## Segmentação Tronco



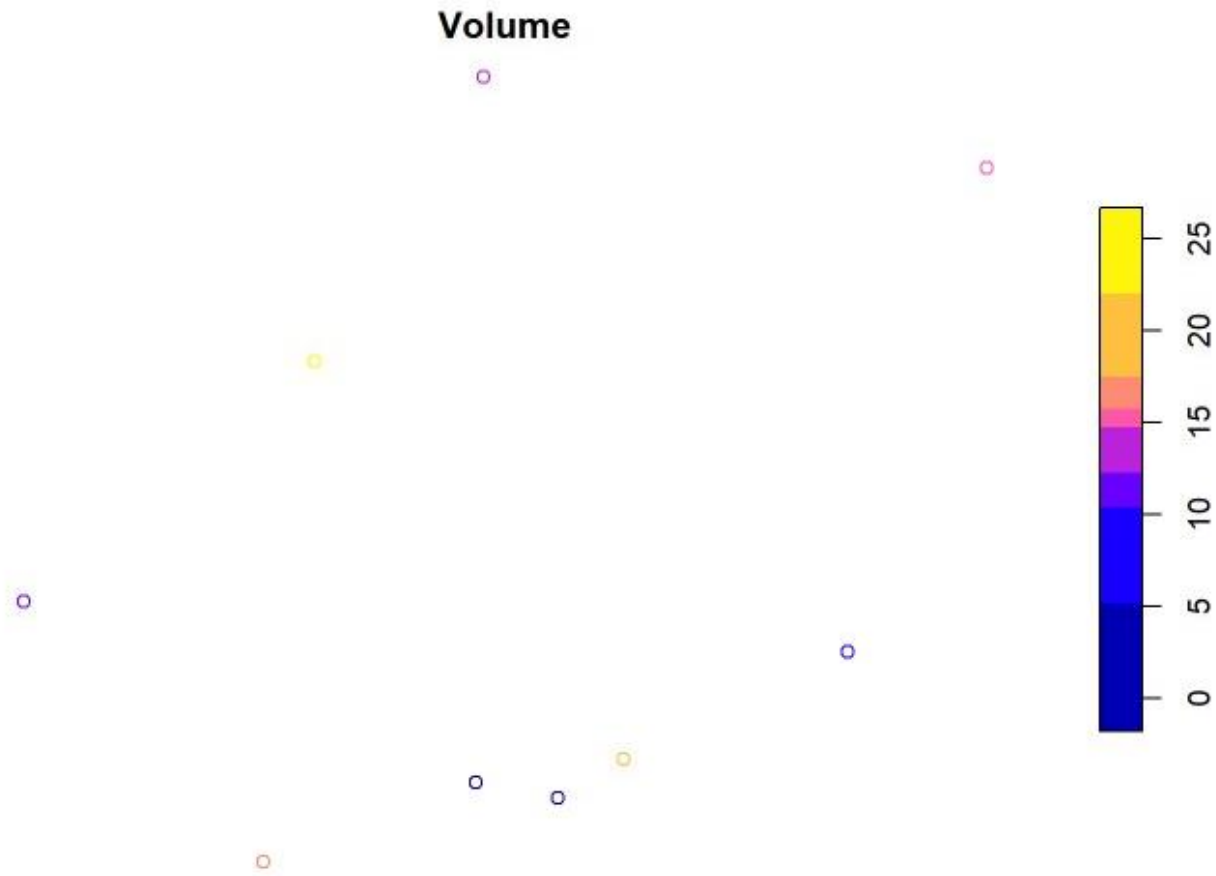
Volume da parcela

## Segmentação Tronco



Volume da parcela

# ALS + LiDAR sub copas



Volume da parcela

# ALS + LiDAR sub copas

## Parcelas Sub copas

	Arvores	VTCC	DAP_m	AB	idade_hoje
1	40	398.6235	18.93446	1.1564022	14
2	35	476.4920	22.20811	1.4090459	16
3	38	257.3109	16.29924	0.8114706	16
4	35	262.5843	19.77852	1.1026943	14
6	41	387.7698	19.54394	1.4461825	16
7	42	350.2535	17.79574	1.1183620	16

Volume da parcela