Kouamé Y.A.G., Millan M., N'Dri A.B., Charles-Dominique T., Konan M., Bakayoko A., Gignoux J. (2022). Multispecies allometric equations for shrubs and trees biomass prediction in a Guinean savanna (West Africa). Silva Fennica vol. 56 no. 2 article id 10617. https://doi.org/10.14214/sf.10617.

Supplementary file S3

Metadata of data recorded in Supplementary file S2

Data consist to five datasets: data.tree1, data.shrub1, data1, data2 and data3, containing the biometric measurements and the above- and/or below-ground biomass measurements the of the sampled trees and/or shrubs, used to performed statistical analyses and produce the figures. data3 provides data on tree height times square basal diameter for some samples from our study (identified by M1 in the dataset) and from a reference study (Ifo et al. 2018, Figure 4a) identified by M2 in the dataset.

The table below describes the different variables and units of measurement in all the datasets.

Variable name	**Description**	**Form and/or modality**	**Unit**
Site	Study site (savanna facies)	OSS= open shrubby savanna; DSS= Dense shrubby savanna; WS= woody savanna.	
Species	Species name code	Ann.sen= *Annona senegalensis*; Bri.fer= *Bridelia ferruginea*; Cus.arb= *Cussonia arborea*; Cro.feb= *Crossopteryx febrifuga*; Pil.tho= *Piliostigma thonningii.*	
Model	Study reference	M1: this study M2: Ifo et al. (2018) study	
Sample.id	Sample identity code	a number	
Growth.form	The Growth-form of the sample	Tree or Shrub	
n	Number of stems	a numeric value	
H	Stem maximum height	a numeric value	m
h	Height of each stem in shrubs	a numeric value	m

D_b	Stem basal diameter for trees; equivalent basal diameter for shrubs	a numeric value	cm
db	Basal diameter of each stem in shrubs	a numeric value	cm
Db2H	tree height times square basal diameter	a numeric value	cm^2 m
S.S	Stump surface area, corresponding to the variable S_S in text.	a numeric value	cm^2
r	Woody density, corresponding to the variable ρ in text.	a numeric value	$g.cm^{-3}$
rDb2H	Wood density times tree height times square basal diameter	a numeric value	g cm^{-1}m
AGB	Total aboveground biomass	a numeric value	kg
BGB	Total belowground biomass	a numeric value	kg

Reference

Ifo A.S., Gomat H.Y., Wenina Y.E.M., Lokegna D.L., Nzonzi O.R.M., Ngala G.CA., Henry M., Boundzanga G.C., Jourdain C., Picard N., Loumeto J.J. (2018). Carbon stocks and tree allometries in the savannahs of the Plateau Batéké, central Africa. Forest Ecology and Management, 427, 86–95. https://doi.org/10.1016/j.foreco.2018.05.065.