Documentation on definations of acronyms

Acronym	Description	Type
ABG_kg	Total aboveground biomass in kg	Numeric
Age	Age of the population considered in the experiment (years)	Numeric
B	Dry biomass	Numeric
BA	Basal area: Stem cross-sectional area at DBH (1m30 height)	Numeric
BA0	Stem cross-sectional area at the soil	Numeric
Bark	is the bark included in the measure?	Boolean
Bark_distance	Distance where the WD was collected	Numeric
BD	Basal diameter	Numeric
Bd	Dead Branches	Boolean
BEF	Value of the Biomass Expansion Factor	Numeric
BEF_Sample	Identification number of the BEF sample	Numeric
Bg	Gross Branches	Boolean
BGB_kg	Total belowground biomass in kg	Numeric
Bias_correction	Value of CF, to correct for potential underestimation resulting from back-transformation of logarithmic predictions to arithmetic units. Write "None" when there is no "CF".	Numeric
Bioecological_zones_Bangladesh_IUCN	Bioecological zone Bangladesh	Text
Bt	Thin Branches	Boolean
C	Circumference at 1.3m	Numeric
C10	Circumference at 10 cm height	Numeric
C180	Circumference at 180 cm height	Numeric
C20	Circumference at 20 cm height	Numeric
C30	Circumference at 30 cm height	Numeric
C50	Circumference at 50 cm height	Numeric
Ca	Canopy area	Numeric
CA	Crown area	Numeric
Cb	Basal circumference	Numeric
Cb5	Circumference at 5 cm from soil	Numeric

CD	Crown diameter	Numeric
CD_m	Crown diameter of the tree in meters	Numeric
CF	Carbon fraction value	Numeric
CH	Crown height	Numeric
Contact	Contact information	Text
Contributor	Name of the institution who worked on entering data in the database.	Text
Convert_BD	0.861*Density if density is at 10 to 18%	Numeric
Corrected_for_bias	A "1" value in this column means that the original author developed and reported a correction factor to compensate for the potential underestimation resulting from backtransforming logarithmic predictions to arithmetic units, as suggested by Baskerville (1972), Beauchamp and Olson (1973), and Sprugel (1983). In many cases where (7) is "yes," item (8) will list CF, the bias correction factor to be used. In other cases, the authors embedded the correction factor into the equation parameters, or did not publish the value of CF since it can be obtained from the regression statistics. In such cases, the value of CF in the database will be zero even though the authors used the correction factor (Jennifer C. 2004). Write "None" when there is no "corrected for bias".	Numeric
CR	Crown radius	Numeric
CR	Coefficient of retraction (%/%)	Numeric
CS	carbon stocks	Numeric
CV	Canopy volume	Numeric
CV	SD/Density if Density is an average	Numeric
D_Bark_kg	Dry weight of the fruit in kg	numeric
D_Bole_kg	Dry weight of the bole in kg	numeric
D_Branch_kg	Dry weight of the branches in kg	numeric
D_Buttress_kg	Dry weight of the buttress in kg	numeric
D_Foliage_kg	Dry weight of the foliage in kg	numeric
D_Roots_kg	Dry weight of the buttress in kg	numeric
D_Stump_kg	Dry weight of the stump in kg	numeric
D20	Diameter at 20 cm height	numeric
D30	Diameter at 30 cm height	numeric

Data_origin	Calculated or entered from biblio	Text
Data_type	Unique value, average of data, average of min max	Text
DB	Diameter at lowest living branch	Numeric
DBH	Diameter at breast height	Numeric
DBH_cm	Diameter at breast height of the tree in centimeters	Numeric
DBH_tree_avg	Average DBH of tree measured	Numeric
DBH_tree_max	Max of trees' DBH measured if several trees where sampled	Numeric
DBH_tree_min	Min of trees' DBH measured if several trees where sampled	Numeric
DBH1	largest diameter at the small end of the log	Numeric
DBH2	the diameter perpendicular to d1 (also small end)	Numeric
Density	Density of the wood in g/cm3	Numeric
District	Name of the region where the data have been collected	text
Division_Bailey	BIOMENAME in the shapefile	Text
Dr	Diameters of all broken lost roots	Numeric
Ecoregion_Udvardy	DIV_DESC in the shapefile	Text
Ecoregion_WWF	DESC in the shapefile	Text
Equation	It is the allometric equation.	Text
F	Fruits	Boolean
F_Bark_kg	Fresh weight of the bark in kg	numeric
F_Bole_kg	Fresh weight of the bole in kg	numeric
F_Branch_kg	Fresh weight of the branches in kg	numeric
F_Buttress_kg	Fresh weight of the buttress in kg	numeric
F_Foliage_kg	Fresh weight of the foliage in kg	numeric
F_Fruit_kg	Fresh weight of the fruit in kg	numeric
F_Roots_kg	Fresh weight of the roots in kg	numeric
F_Stump_kg	Fresh weight of the stump in kg	numeric
Family	Name of the Taxonomic family to which the tree species belongs	Text
FSP	Fiber saturation point (%)	Numeric
GBH	Girth at Breast Height	Numeric
GCH	Girth at Coller height	Numeric
Genus	Name of the genus in the binomial literature in a Latin grammatical forms.	Text

Group_Location	1 means the equations was developed based on samples from different geographic locations	Boolean
Group_Species	Write "1" when an allometric eq. refers to a group of species.	Boolean
H	Height	numeric
H_m	Total height of the tree in meters	numeric
H_measure	Height where WD sample was collected	Numeric
H_tree_avg	Average height of tree measured	Numeric
H_tree_max	Max of trees' height measured if several trees where sampled	Numeric
H_tree_min	Min of trees' height measured if several trees where sampled	Numeric
HB	Height up to the lowest living branch	Numeric
Hd	Stand dominant height	Numeric
Hme	Merchantable height	Numeric
Ht	Height of the trunk	Numeric
ID_AE	Identification number of the allometric equation	Numeric
ID_BEF	Identification number of the biomass expansion factor	Numeric
ID_Location	Identification number of the location	Numeric
ID_Location_group	Identification number of the location group	Numeric
ID_RD	Identification number for the raw data value	numeric
ID_REF	Identification number of the reference	Numeric
ID_Species	Identification number of the species	Numeric
ID_Species_group	Identification number of the group species	Numeric
ID_WD	Identification number of the raw data	Numeric
Input	Input variable	Text
Input_unit	Unit	Text
L	Leaves	Boolean
Label	Identification number of the pdf/word copy of the article in your library.	Numeric
Latitude	Latitude of the plot expressed in decimal degrees	Numeric
Location	Location corresponds to the name of the place where the equation was developed It can be a precise location (city, village..) or a geographical area	Text
Longitude	Longitude of the plot expressed in decimal degrees	Numeric
M_DBH	Average of DBH	Numeric

m_WD	Wood mass measured	Numeric
Max_X	It is the maximum X value	Text
Max_Z	It is the maximum Z value	Text
MC_Density	Moisture content, with code for specific cases	Numeric
MC_m	Moisture content of the wood during measurement	Numeric
MC_V	Moisture content of the wood during measurement	Numeric
MCH	Mean canopy surface height	m
Methodology	Name of the laboratory methodology	Text
Min_X	It is the minimum X value	Text
Min_Z	It is the minimum Z value	Text
Number_of_trees	Number of trees	Numeric
Operator	Name of the operator who entered the data	Text
Output	Output variable	Text
Output_TR	The output of the equation can be expressed in the Log(Y) or in the arithmetic value of Y, in which case you don't specify anything. When the result of the equation is a logarithm you have to specify if it is a natural logarithm (Log) or a logarithm to base b = 10, the common logarithm (Log10).	Text
Output_unit	Unit	Text
Population	Individual tree, sprout or stand	Text
R	root-to-shoot ratio	dimensionless
R2	Coefficient of determination of the equation	Numeric
R2_Adjusted	This is an adjustment of the R-squared that penalizes the addition of extraneous predictors to the model. Adjusted R-squared is computed using the formula $1 - ((1 - R^2)((N - 1) /(N - k - 1))$ where k is the number of predictors.	Numeric
Ratio_equation	Some authors present methods for predicting the biomass of the merchantable stem to a user-defined top diameter. A "1" value in this column means that a separate ratio equation was presented by this author	Numeric
Rb	Big Roots	Boolean
RC	random coefficient of each species analysed	None

Reference	Authors, year of publication, title of issue, journal, volume number, number of the issue, pages	Text
Reference_author	Name of the author name(s)	text
Reference_year	Year of publication of the document	Numeric
Region	Name of the region where the data have been collected	Text
Remark	Any other relevant information such as silvicultural treatment, fertility class, soil description etc.	Text
RF	Recovery factor	Numeric
Rf	Fine Roots	Boolean
Rm	Medium Roots	Boolean
RMSE	Root-mean-square deviation or error of the equation	Numeric
S	Stump	Boolean
Sample_size	Number of plants measured to obtain the equation	Numeric
Samples_CF	Number of sample used to obtain this value	Numeric
Samples_per_tree	Number of sample per tree	Numeric
SD	Standard deviation	Numeric
SEE	Standard error of the mean of the equation	Numeric
Species	Name of the species in the binomial literature in the Latin grammatical form.	Text
Species_author	Name of the author of the species name	Text
Species_local_name_iso	Species name in Bengali	Text
Species_local_name_latin	Species name in latin characters	Text
Stock	An indication regarding the stock of the vegetation form. It can be expressed in tree stem density, basal area, dominant height, volume per ha, biomass per ha etc.	Numeric
Stock_unit	this is the unit of the stock (it can be m3.ha-1, Mg.ha-1, n.ha-1 etc.)	Text
Stump_height	For equations that predict the biomass of any component that includes the tree stem or the stump, this variable lists (in m.) the estimated or measured stump height. Write "None" where there is not this data.	Numeric
Subspecies	Name of the sub species (if any)	Text
SUMD10	Sum of the diameters at 10 cm from the soil	Numeric
T	Trunk	Boolean

Top_dob	For equations that include a portion of the merchantable stem. Top d.o.b. describes the minimum diameter in cm, outside bark (d.o.b.) of the top of the merchantable stem	Numeric
Tree_type	Description of the tree type (Liana, Palms, Seedling, Shrub, Sprout, Tree and Tree fern etc.)	Text
U	Independent variable	Text
Unit_U	Unit measure (mm, cm, cm2, cm3, dm, gcm-3, m, m2...).Always keep the unit of measurement reported by the author	Text
Unit_V	Unit measure (mm, cm, cm2, cm3, dm, gcm-3, m, m2...).Always keep the unit of measurement reported by the author	Text
Unit_W	Unit measure (mm, cm, cm2, cm3, dm, gcm-3, m, m2...).Always keep the unit of measurement reported by the author	Text
Unit_X	Unit measure (mm, cm, cm2, cm3, dm, gcm-3, m, m2...).Always keep the unit of measurement reported by the author.	Text
Unit_Y	Unit measure of Y (e.g. cm3, dm3, m3, m3/ha, g, kg, Mg, kg/ha, Mg/ha...).	Text
Unit_Z	Unit measure (mm, cm, cm2, cm3, dm, gcm-3, m, m2...). Always keep the unit of measurement reported by the author	Text
V	Above ground volume of a tree or a forest area	Numeric
V_WD	Wood volume measured	Numeric
Veg_Component	They are the vegetation components of the plants considered in the equation (see below)	Text
Vegetation_type	Description of the forest type where the data have been collected (Agroforestry, Forest, Forest/Plantation, Mangrove forest, Mangrove plantation, Pasture, Plantation)	Text
Volume_bole_m3	Volume of the bole in cubic meters	Numeric
Volume_m3	Total volume of the tree in cubic meters	Numeric
Vs	Stem volume	Numeric
W	Independent variable	Text
WD_AVG_gcm3	Average wood density value for the hole tree in grams/cubic centimeters	Numeric
Wtc	the total mass of stem and branch	Numeric

X	Independent variable (see below). e.g.: BA (basal area, the cross-sectional area of the stem at breast height), Bd (diameter at soil), Bd5 (diameter at 5 cm from soil), C (circumference at breast height), Cb (circumference at soil), Cd5 (circumference at 5 cm from soil), D10 (diameter at 10 cm of height from the soil), DBH (diameter of the stem at breast height), H (height), wd (wood density).Look at the end of the tutorial for an exhaustive list of the acronyms to be used.	Text
Yr	Year	Numeric
Z	Independent variable	Text
Zone_FAO	GEZ_TERM in the shapefile	Text
Zone_Holdridge	MHT_NAME in the shapefile	Text