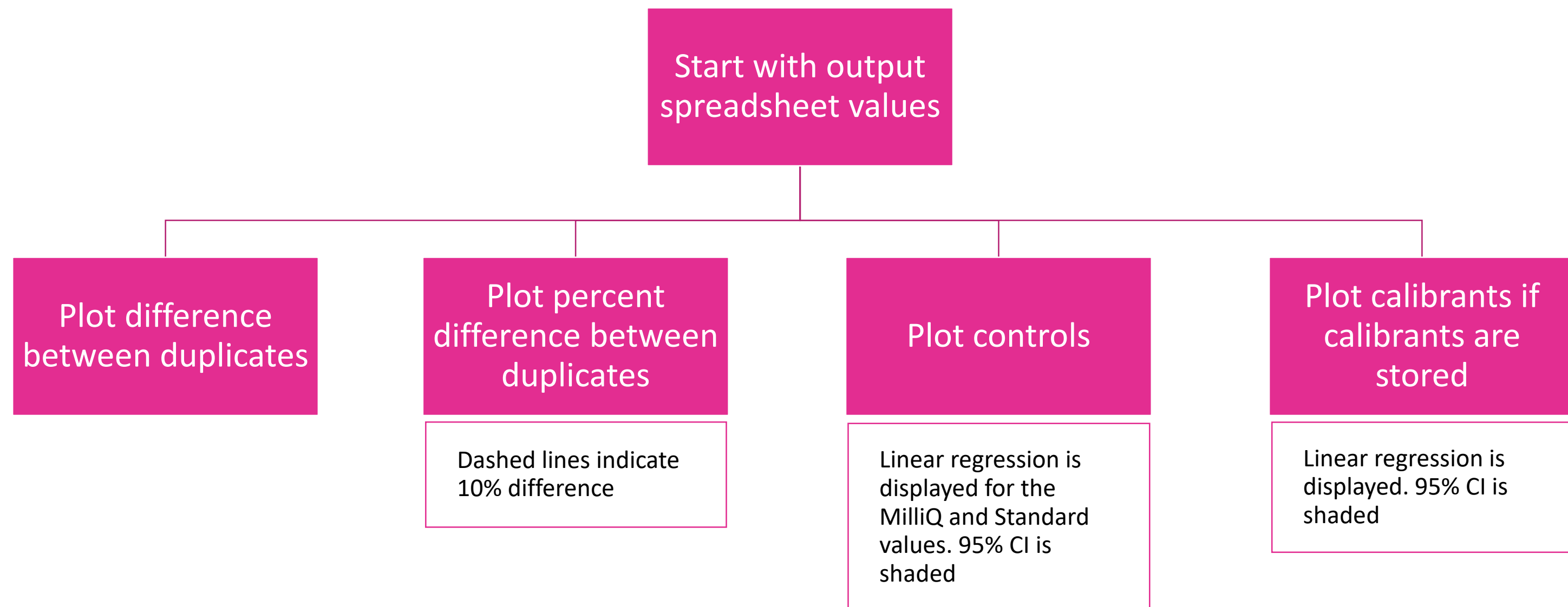


Creation of output spreadsheet

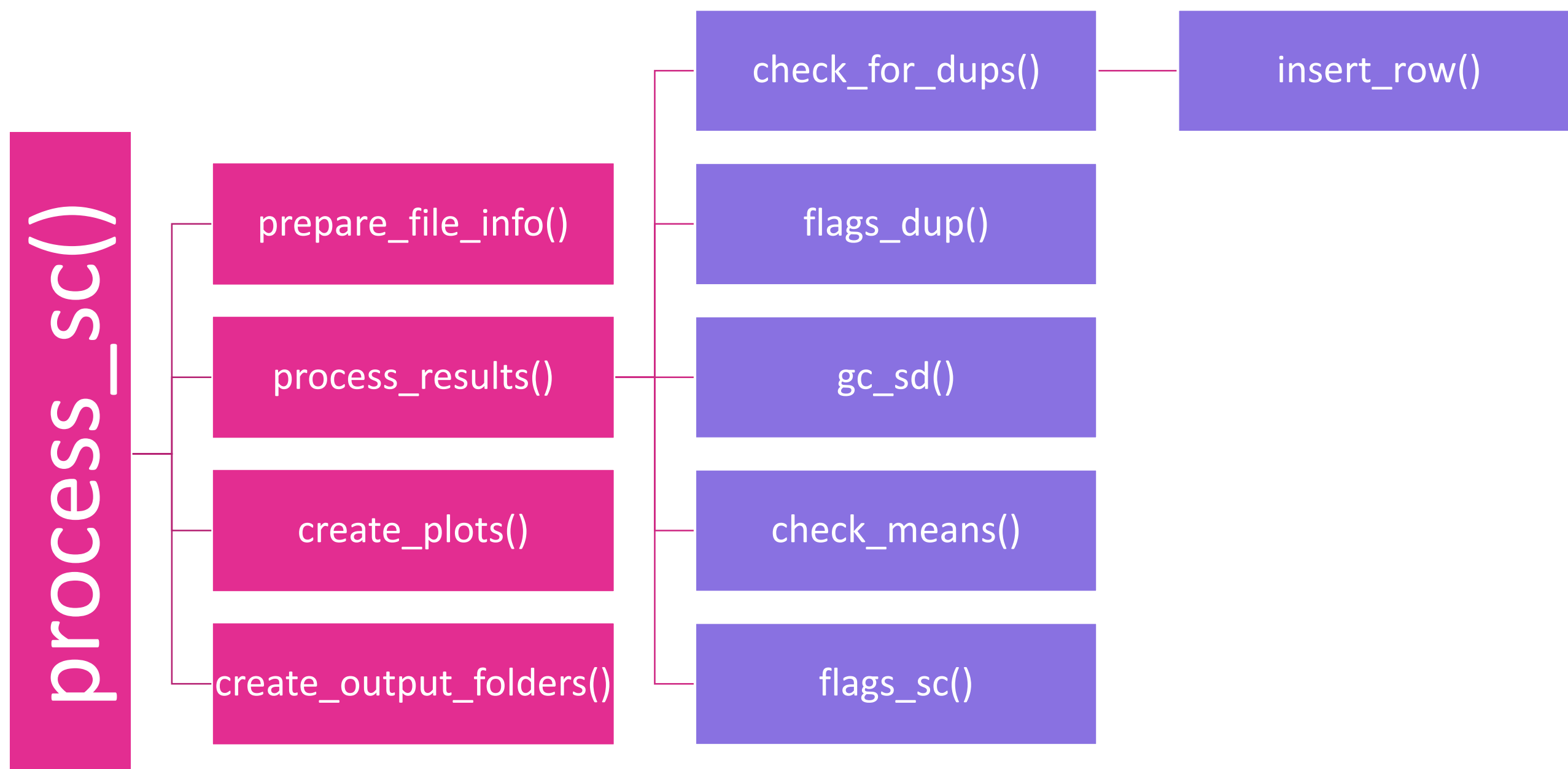


Creation of output plots





Callstack



function defined in
sc_functions.R

function defined in
sc_helper_functions.R


Conversion of SC flags



SC flag	Expanded flag
LL	Linearly Low
LH	Linearly High
EPL	End-Point Limit
INV	Inverse Linearly Low
><	Out of Calibration Curve
SS	Short on Sample
SR	Short on Reagent
H	High

Final Flags

Flags for individual runs (columns: Flags Dup x)

Flag	Meaning
Linearly Low	
Linearly High	
End-Point Limit	
Inverse Linearly Low	
Out of Calibration Curve	Result plotted outside of the calibration curve
Short on Sample	Run could not complete due to insufficient sample
Short on Reagent	Run could not complete due to insufficient reagent
High	Result plotted near the top end of the calibration curve
Run was not completed	Will apply only to _Dup rows. Indicates that _Dup row is missing
< 0 (og value: xxx)	A negative concentration was recorded. Concentration value is stored in flag
< MDL	A concentration < MDL was recorded

Flags for comparison of duplicates (column: Flags)

Flag	Meaning
Perc difference > 10 - Both conc above MDL	Percent difference is violated and both concentrations >= MDL
Perc difference > 10 - One or both conc below MDL	Percent difference is violated and one or both concentrations < MDL
Both conc below MDL	Percent difference not violated and concentrations < MDL
Rerun	SC automatically reran this sample with a different dilution
Multi-run sample	User reran this sample with the same dilution