



```

*! ys_lower_outliers v1.0.0, Yared Seid, 15Jan2023
cap prog drop ys_lower_outliers
program ys_lower_outliers, rclass
    version 17

    syntax varlist(min=1 numeric)

*****
/* Capping upper outliers to MEAN+3SD */
foreach z of var `varlist' {
    /* Dealing with outliers: setting the min value of the income variable at (M
> EAN - 3*SD) */
        qui sum `z'
        tempvar `z'_min_outlier
        gen ``z'_min_outlier' = `r(mean)' - 3*`r(sd)' // save MEAN
> -3SD in a tempvar
        replace `z' = ``z'_min_outlier' if `z'<``z'_min_outlier' & !missing(`z')
> // setting a min income to MEAN-3SD
    }
*****
end

```