



```

*! ys_upper_outliers v1.0.0, Yared Seid, 15Jan2023
cap prog drop ys_upper_outliers
program ys_upper_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 max value of the income variable at (M
> EAN + 3*SD) */
    qui sum `z'
    tempvar `z'_max_outlier
    gen ``z'_max_outlier' = `r(mean)' + 3*`r(sd)' // save MEAN
> +3SD in a tempvar
    replace `z' = ``z'_max_outlier' if `z'>``z'_max_outlier' & !missing(`z')
> // setting an income ceiling of MEAN+3SD
}
*****
end

```