```
#' Weight a survey using post-stratification with weighting indicator(s) from
   ACS tables
    Oparam mysurvey A survey data frame, such as that created by
    \code{simulate_survey}
@param ... Weighting indicator(s) to be used for post-stratification.
    One or more of \code{sex}, \code{raceethnicity}, \code{age}, and/or \code{education} which must be columns in the survey data frame. Both \code{age} and \code{education} cannot be used for post-stratification at the
    same time because of how the ACS tables are organized.
    Genarm dots List of weighting indicator(s) as string(s) Genarm force edu Should the weighting be done with the ACS education tables? Defaults to \sqrt{\text{code}\{\text{FALSE}\}}; cannot be \sqrt{\text{code}\{\text{TRUE}\}} if \sqrt{\text{code}\{\text{age}\}} is one of the
    weighting indicators
 .
#' @return The original survey data frame with 1 column added, \code{weight},
#' the post-stratification weight for each row in the survey
#' @details \code{weight_wwc} is given bare names while \code{weight_wwc_} is
#' given strings and is therefore suitable for programming with. One column of
#' \code{mysurvey} must be \code{geography}, to indicate what ACS data to use
#' for post-stratification weighting.
#' @import dplyr
#' @importFrom reshape2 melt
#' @importFrom stats as formula
#' @importFrom stats complete.cases
#' @name weight_wwc
#' @examples
    data(texassurvey)
#' weight_wwc(texassurvey, sex, raceethnicity)
#' data(twostatessurvey)
#' weight_wwc(twostatessurvey, sex, education)
#' @export
weight_wwc <- function(mysurvey, ..., force_edu = FALSE) {</pre>
           # NSE magic
dots <- eval(substitute(alist(...)))</pre>
           dots <- purrr::map(dots, col_name)
           weight_wwc_(mysurvey, dots, force_edu)
#' @rdname weight_wwc
#' @export
    @export
weight_wwc_ <- function(mysurvey, dots, force_edu = FALSE) {</pre>
          # error handling for weighting indicator
if (any(purrr::map(dots, function(x)
{x[[1]] %in% c("sex", "raceethnicity", "age", "education")}) == FALSE)) {
            stop("indicators must be one or more of sex, raceethnicity, age, and education") }
if (sum(purrr::map_lgl(dots, function(x) {x[[1]] %in% c("age", "education")})) > 1) {
            stop("indicators cannot include both age and education") }
if ("age" %in% dots & force_edu) {
            care("force_education") }
                      stop("force_edu cannot be TRUE if age is one of the indicators") }
           \# exclude rows/observations/respondents who have NA for geography mysurvey <- mysurvey[!is.na(mysurvey$geography),]
           # download and process ACS data
           geovector <- mysurvey %>% distinct(geography)
if ("education" %in% dots | force_edu) {
    acsDF <- acsedutable %>%
                                 filter(region %in% geovector$geography)
           } else {
                      acsDF <- acsagetable %>%
                                 filter(region %in% geovector$geography)
           geoweight = geototal/surveytotal;
          ret
```