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version 13
set more off

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** TwiNPol Evaluation study            **
** to select pictures for priming study **
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cd "C:\Users\ProkopC\Dropbox\TwiNPol\Survey\Bilderexperiment\Data"

*cd "D:\Dropbox\Polizei SocialMedia\Survey\Bilderexperiment\Data"

import excel data.xlsx, first clear


* Coding and clean missing values
destring sex, replace
drop if sex==.
drop if cat187==.

gen id = _n
keep id alter sex cat187-anz170
drop anz*

* Sex
lab def sexlbl ///
    1 "female" ///
    2 "male"
lab val sex sexlbl
lab var sex Geschlecht

* Age
destring alter, replace
gen age =.
replace age=1 if alter <30
replace age=2 if alter >29 & alter <40
replace age=3 if alter >39 & alter <50
replace age=4 if alter >49 & alter <60
replace age=5 if alter >59
lab var age Alter


* data quality
ta age sex


* reshape data
reshape long cat@ qua@, i(id) j(pic) string


* Pre-selected categories for quality check
gen sollcat =.
replace sollcat = 1 if pic == "020"
replace sollcat = 1 if pic == "083"
replace sollcat = 1 if pic == "158"
replace sollcat = 1 if pic == "187"
replace sollcat = 1 if pic == "224"
replace sollcat = 1 if pic == "235"
replace sollcat = 1 if pic == "237"
replace sollcat = 1 if pic == "244"
replace sollcat = 1 if pic == "283"
replace sollcat = 1 if pic == "284"
replace sollcat = 2 if pic == "014"
replace sollcat = 2 if pic == "070"
replace sollcat = 2 if pic == "071"
replace sollcat = 2 if pic == "126"
replace sollcat = 2 if pic == "146"
replace sollcat = 2 if pic == "164"
replace sollcat = 2 if pic == "212"
replace sollcat = 2 if pic == "246"
replace sollcat = 2 if pic == "255"
replace sollcat = 2 if pic == "256"
replace sollcat = 3 if pic == "005"
replace sollcat = 3 if pic == "023"
replace sollcat = 3 if pic == "057"
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replace sollcat = 3 if pic == "080"
replace sollcat = 3 if pic == "091"
replace sollcat = 3 if pic == "148"
replace sollcat = 3 if pic == "163"
replace sollcat = 3 if pic == "166"
replace sollcat = 3 if pic == "177"
replace sollcat = 3 if pic == "268"
replace sollcat = 4 if pic == "017"
replace sollcat = 4 if pic == "033"
replace sollcat = 4 if pic == "036"
replace sollcat = 4 if pic == "039"
replace sollcat = 4 if pic == "052"
replace sollcat = 4 if pic == "063"
replace sollcat = 4 if pic == "112"
replace sollcat = 4 if pic == "170"
replace sollcat = 4 if pic == "247"
replace sollcat = 4 if pic == "266"


* Evaluation and selection of top 4 pictures per category

sort id pic
encode pic, gen(pic_id)

* recode categorie
gen cat2 = cat
replace cat2 = 2 if cat == 4
replace cat2 = 4 if cat == 2

* categories
lab def catlbl ///
    1 "SC1" /// Friend and Helper
    2 "SC2" /// Public Servants / police from the inside
    3 "CF1" /// Everyday police work and crime fighting
    4 "CF2" // Public Safety and security
lab val cat2 catlbl
lab val sollcat catlbl

tab pic_id cat2, matcell(x) // how often is the picure evaluated per category

* Select the four pictures with the highest scores in a category

sort pic_id cat2
ta pic_id cat2 // table with counts per picture

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