

MAIN ANALYSIS

```
local func = "typ"
```

```
foreach x of local func {
```

```
xtreg hba1c `x'sps age, fe i(idauniq)
```

```
    est store model_1_`x'
```

```
    matrix table = r(table)
```

```
    matrix list table
```

```
    putexcel C3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x'") modify
```

```
    putexcel C4=(table[5,1]) using "MarR1.xlsx", sheet("`x'") modify
```

```
    putexcel E4=(table[6,1]) using "MarR1.xlsx", sheet("`x'") modify
```

```
xtreg hba1c `x'sps age income work bmi depress phyact smoke, fe i(idauniq)
```

```
    est store model_2_`x'
```

```
    matrix table = r(table)
```

```
    matrix list table
```

```
    putexcel H3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x'") modify
```

```
    putexcel H4=(table[5,1]) using "MarR1.xlsx", sheet("`x'") modify
```

```
    putexcel J4=(table[6,1]) using "MarR1.xlsx", sheet("`x'") modify
```

```
xtreg hba1c `x'sps typfam typfrd typchd age income work bmi depress phyact smoke, fe i(idauniq)
```

```
    est store model_3_`x'
```

```
    matrix table = r(table)
```

```
    matrix list table
```

```
    putexcel M3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x'") modify
```

```
    putexcel M4=(table[5,1]) using "MarR1.xlsx", sheet("`x'") modify
```

```
    putexcel O4=(table[6,1]) using "MarR1.xlsx", sheet("`x'") modify
```

```
xtreg hba1c `x'sps typfam typfrd typchd age income work bmi depress phyact smoke [pw=weight], fe  
i(idauniq)
```

```
    est store model_4_`x'
```

```
    matrix table = r(table)
```

```
    matrix list table
```

```
putexcel R3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x") modify
putexcel R4=(table[5,1]) using "MarR1.xlsx", sheet("`x") modify
putexcel T4=(table[6,1]) using "MarR1.xlsx", sheet("`x") modify
}

preserve
keep if typsps==1
local func = "sup str"
foreach x of local func {
xtreg hba1c `x'sps age, fe i(idauniq)
    est store model_1_`x'
    matrix table = r(table)
    matrix list table
    putexcel C3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x") modify
    putexcel C4=(table[5,1]) using "MarR1.xlsx", sheet("`x") modify
    putexcel E4=(table[6,1]) using "MarR1.xlsx", sheet("`x") modify
xtreg hba1c `x'sps age income work bmi depress phyact smoke, fe i(idauniq)
    est store model_2_`x'
    matrix table = r(table)
    matrix list table
    putexcel H3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x") modify
    putexcel H4=(table[5,1]) using "MarR1.xlsx", sheet("`x") modify
    putexcel J4=(table[6,1]) using "MarR1.xlsx", sheet("`x") modify
xtreg hba1c `x'sps `x'fam `x'frd `x'chd age income work bmi depress phyact smoke, fe i(idauniq)
    est store model_3_`x'
    matrix table = r(table)
    matrix list table
    putexcel M3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x") modify
    putexcel M4=(table[5,1]) using "MarR1.xlsx", sheet("`x") modify
```

```
putexcel O4=(table[6,1]) using "MarR1.xlsx", sheet("`x'") modify
xtreg hba1c `x'sps `x'fam `x'frd `x'chd age income work bmi depress phyact smoke [pw=weight], fe
i(idauniq)

est store model_4_`x'
matrix table = r(table)
matrix list table
putexcel R3=(_b[`x'sps]) using "MarR1.xlsx", sheet("`x'") modify
putexcel R4=(table[5,1]) using "MarR1.xlsx", sheet("`x'") modify
putexcel T4=(table[6,1]) using "MarR1.xlsx", sheet("`x'") modify
}

restore
```