

* Encoding: UTF-8.

```
UNIANOVA cct2T BY gender motive
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/LMATRIX 'compare motive 1 vs motive 2 for males'
gender*motive 1 -1 0 0 0 0 motive 1 -1 0.
```

```
UNIANOVA cct2T BY gender motive
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/LMATRIX 'compare motive 1 vs motive 2 for females'
gender*motive 0 0 0 1 -1 0 motive 1 -1 0.
```

```
UNIANOVA cct2T BY gender motive
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/LMATRIX 'compare motive 1 vs motive 3 for females'
gender*motive 0 0 0 1 0 -1 motive 1 0 -1.
```

```
UNIANOVA cct2T BY gender motive
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/LMATRIX 'compare motive 1 vs motive 3 for males'
gender*motive 1 0 -1 0 0 0 motive 1 0 -1.
```

```
UNIANOVA cct2T BY gender motive
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/LMATRIX 'compare males vs females in motive 2'
gender*motive 0 1 0 0 -1 0 gender 1 -1.
```

Exercise

1. Test males vs females in motive 1
2. Test motive 2 vs motive 3 in females