

SPSS Independent Samples T Test

SPSS independent samples t-test is a procedure for testing whether the means in two populations on one metric variable are equal

Example

- A marketer wants to know whether women spend the same amount of money on clothes as men.
- She asks 30 male and 30 female respondents how many Euros they spend on clothing each month.

The null hypothesis

Men and women spend the same
amount of money each month on
clothing's

Independent Samples T-Test

1 dichotomous variable
1 metric variable

	id	gender	v1
1	1	Female	101
2	2	Female	102
3	3	Female	78
4	4	Female	112
5	5	Female	95
6	6	Male	87
7	7	Male	122
8	8	Male	104
9	9	Male	86
10	10	Male	118

Mean(v1)

= ?

Mean(v1)