Example Applicants-UC.sav

X = Geschlecht (m, w)

Y = Zulassung (nein, ja)

Major A

Gender	Admitted	
	no	yes
male	313	512
female	21	87

df = 1

0% ≤ 20%

min. expected count = 38,66 ≥ 1

p-value Chi Square test = 0,000

Gender and admission dependent

γ = 0,434

nearly medium association that women are preferred in major A

Example Applicants - UC.sav

X = Gender (male, female)

Y = Admission (0 = no, 1 = yes)

Major B

Gender	Admitted	
	no	yes
male	207	353
female	8	17

df = 1

0% ≤ 20%

min. expected count = 9,19 ≥ 1

p-value Chi-Square test = 0,771

Gender and admission are not dependent

(γ = 0,110 weak association)

Example Applicants_UC.sav

X = Gender (male, female)

Y = Admitted (0 = no, 1 = yes)

Gender	Admitted	
	no	yes
male	520	865
female	29	104

df = 1

0 ≤ 20%.

min. expected count = 48,10 ≥ 1

p-value Chi-Square test = 0,000

Gender and admission dependent

γ = 0,366

weak association that women are preferred