

# Supplementary Material

**Contour plots of true CCSHR values for various degrees of dependence  
between size frailty  $A$  and shape frailty  $B$ .**

Six pairs of plots follow - original scale and logarithm scale per degree of dependence (correlation).

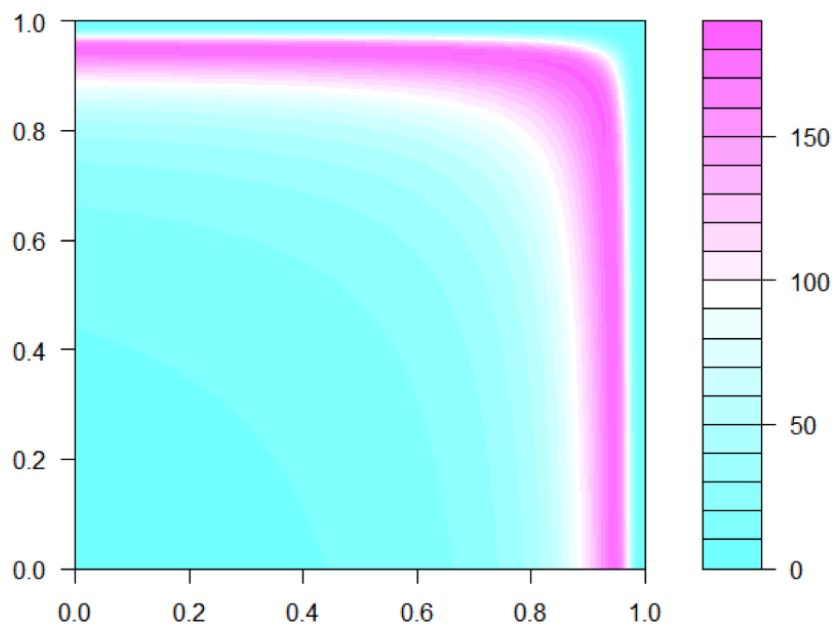


Figure 1: Contour plot of true CCSHR values,  $\text{Corr}=1$ , original scale

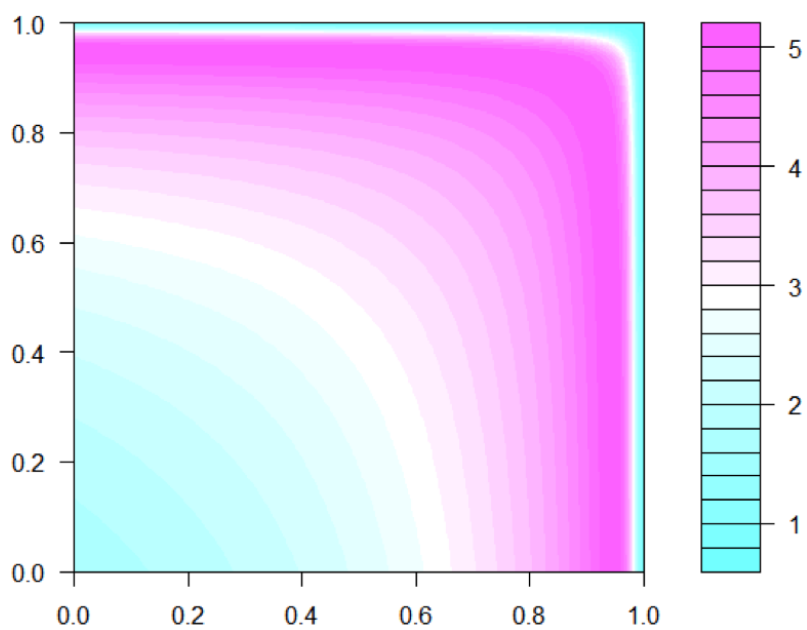


Figure 2: Contour plot of true CCSHR values,  $\text{Corr}=1$ , log scale

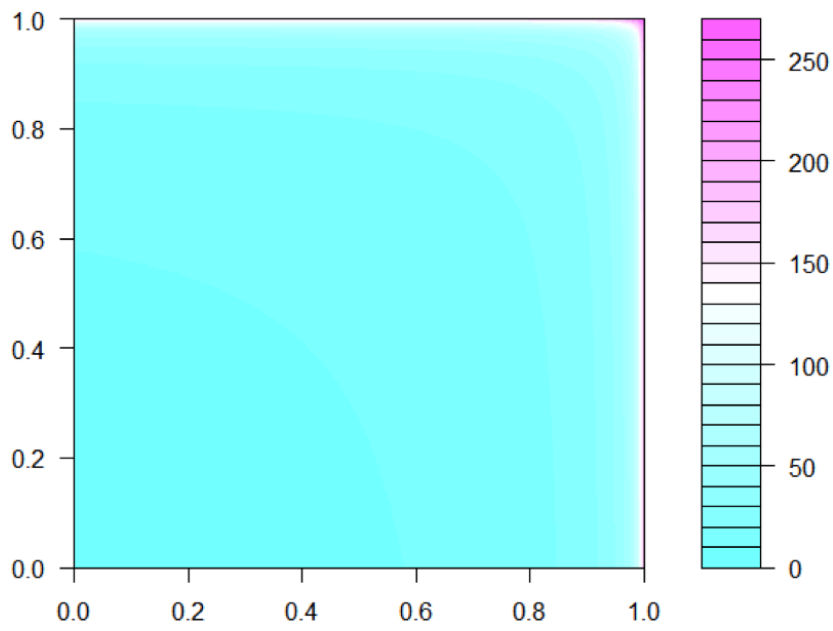


Figure 3: Contour plot of true CCSHR values,  $\text{Corr}=0.7$ , original scale

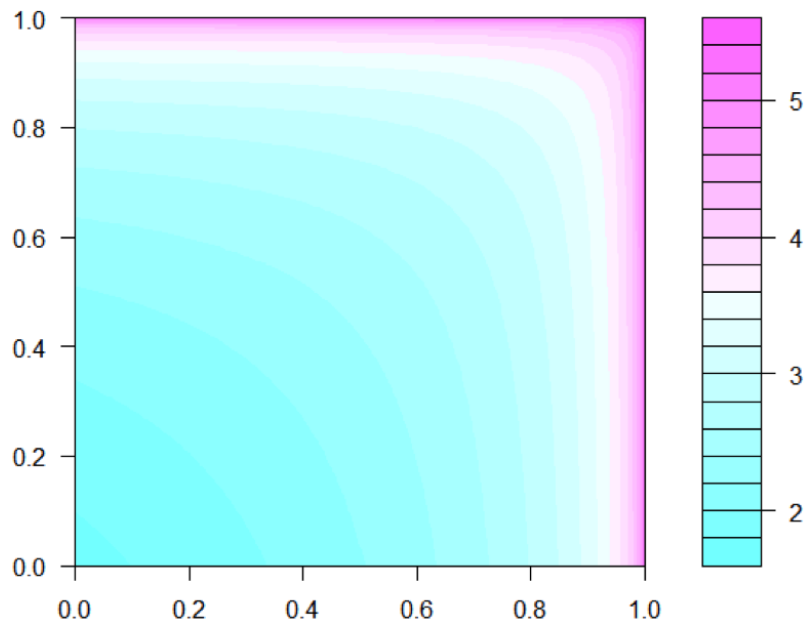


Figure 4: Contour plot of true CCSHR values,  $\text{Corr}=0.7$ , log scale

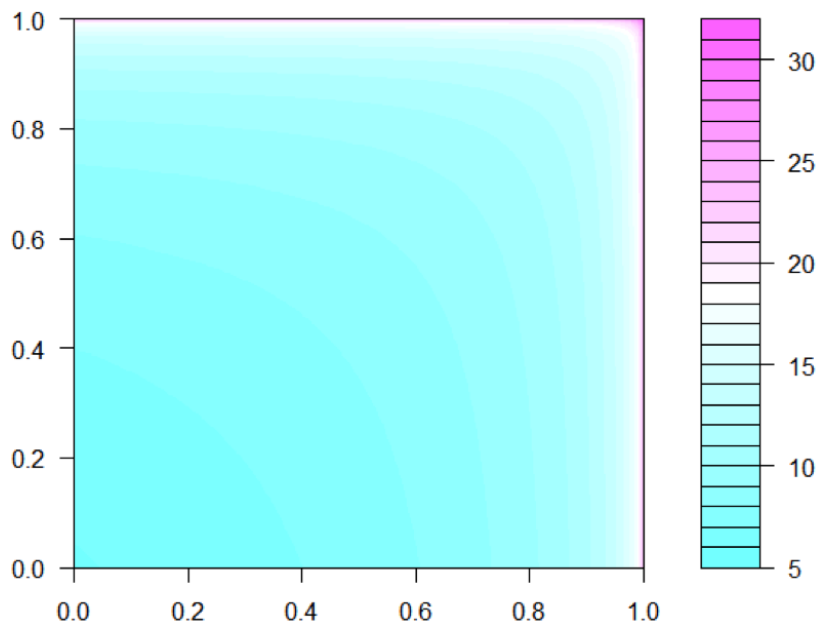


Figure 5: Contour plot of true CCSHR values,  $\text{Corr}=0.4$ , original scale

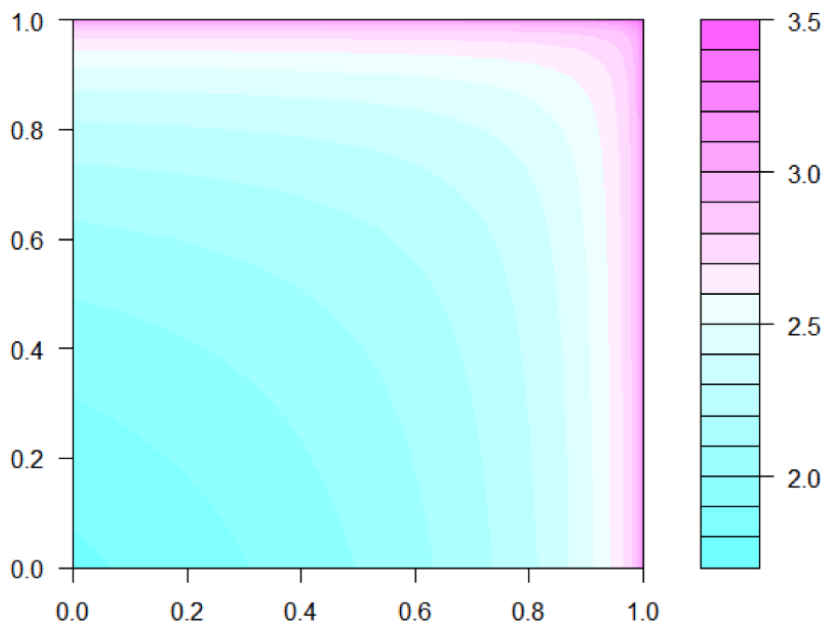


Figure 6: Contour plot of true CCSHR values,  $\text{Corr}=0.4$ , log scale

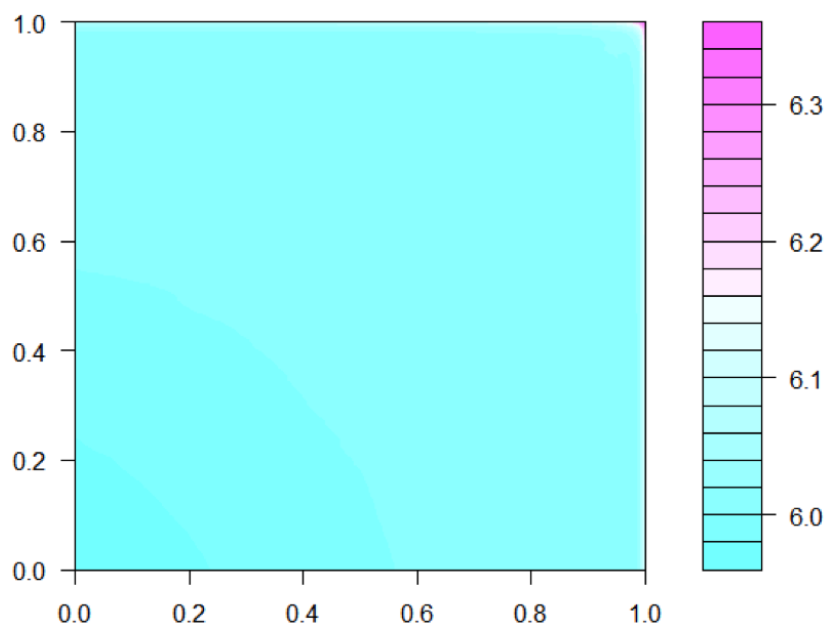


Figure 7: Contour plot of true CCSHR values,  $\text{Corr}=0$ , original scale

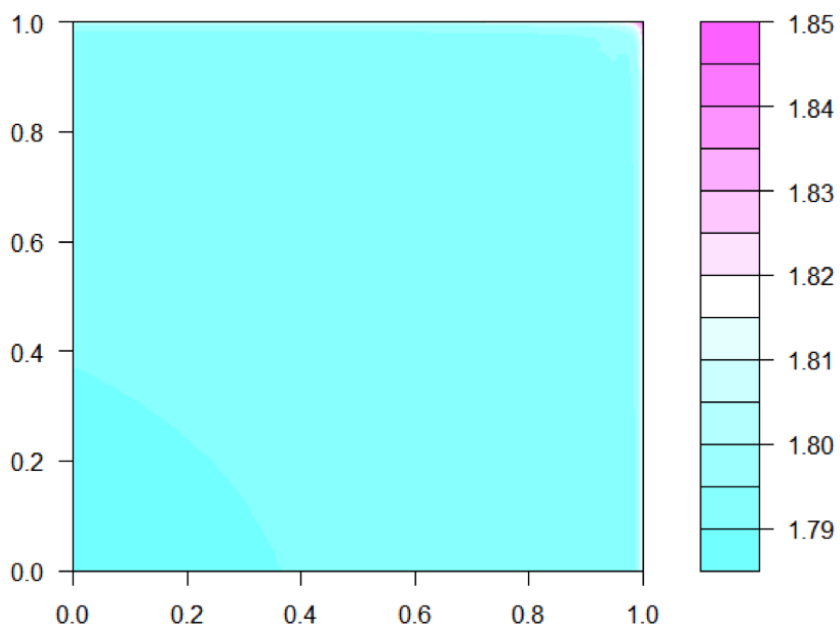


Figure 8: Contour plot of true CCSHR values,  $\text{Corr}=0$ , log scale

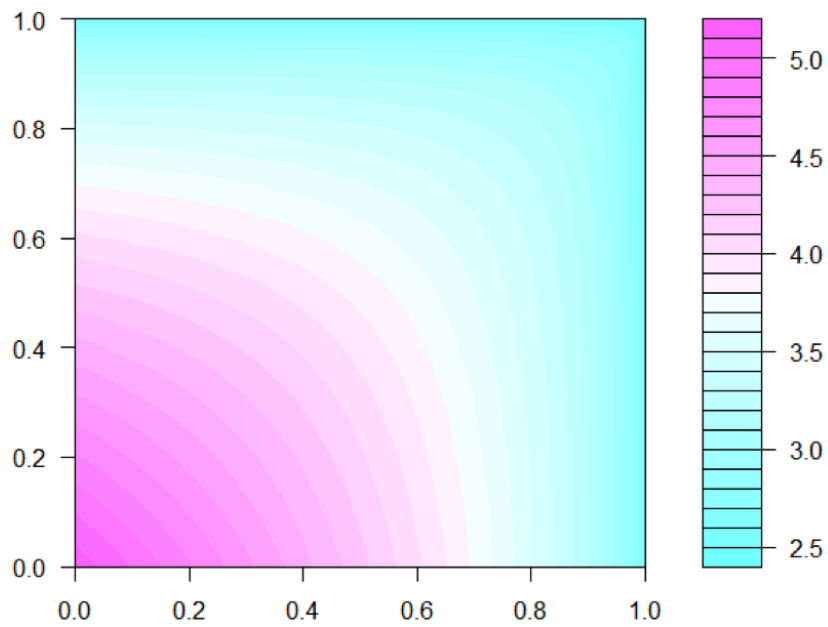


Figure 9: Contour plot of true CCSHR values,  $\text{Corr}=-0.5$ , original scale

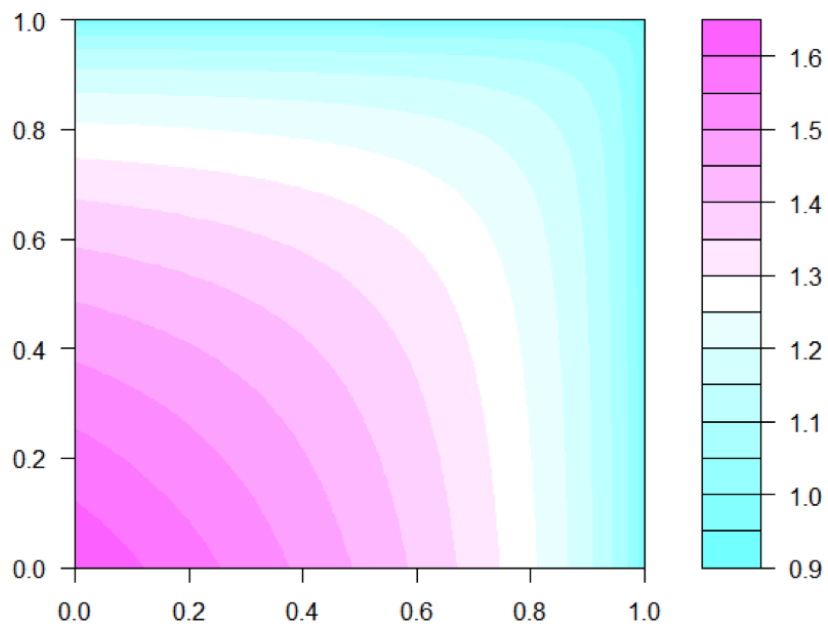


Figure 10: Contour plot of true CCSHR values,  $\text{Corr}=-0.5$ , log scale

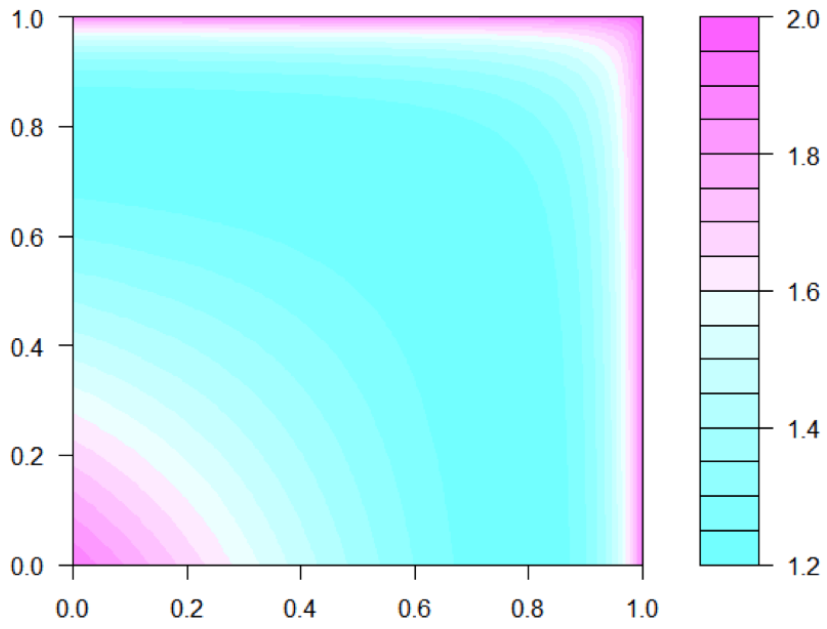


Figure 11: Contour plot of true CCSHR values,  $\text{Corr}=-1$ , original scale

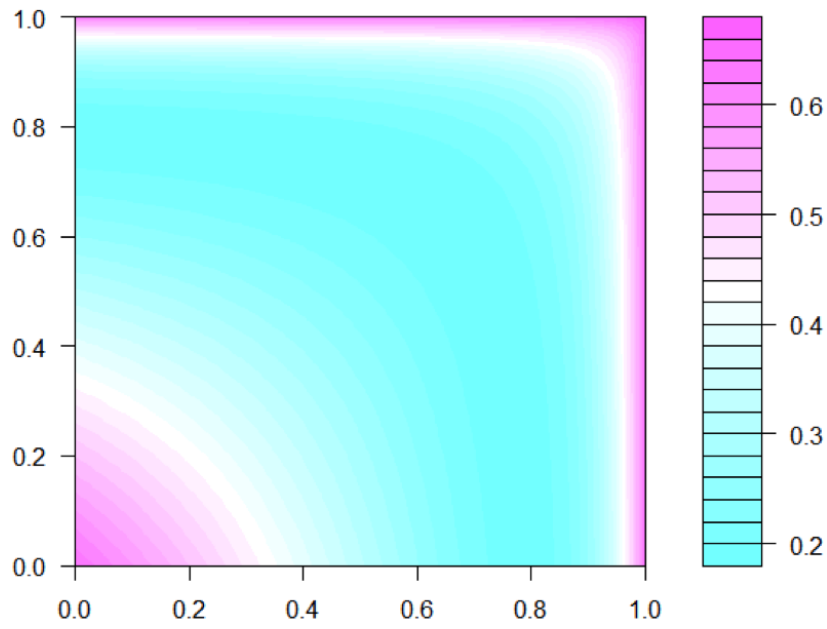


Figure 12: Contour plot of true CCSHR values,  $\text{Corr}=-1$ , log scale