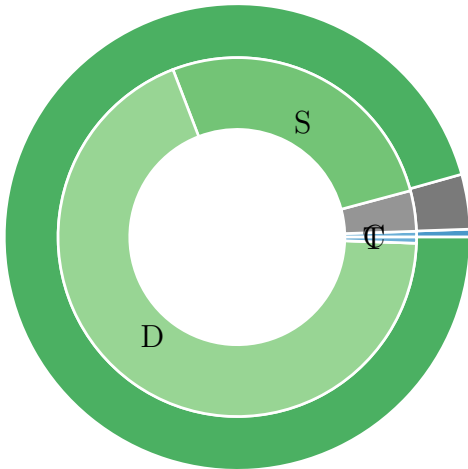


n-to-n



one-to-one  
zero-to-n