Assignment 4

Using the data set *flomarriage* provided in the R package *ergm* to finish the following questions:

1. Estimate an ERGM for flomarriage network with the specification of absolute difference in family's wealth, the number of edges, and triangles. Report your estimation result.

2. Count separately how many two stars and three stars in the flomarriage network and estimate an ERGM for flomarriage network with the specification of the number of edges, two stars and three stars. Report your estimation result.