Fly network

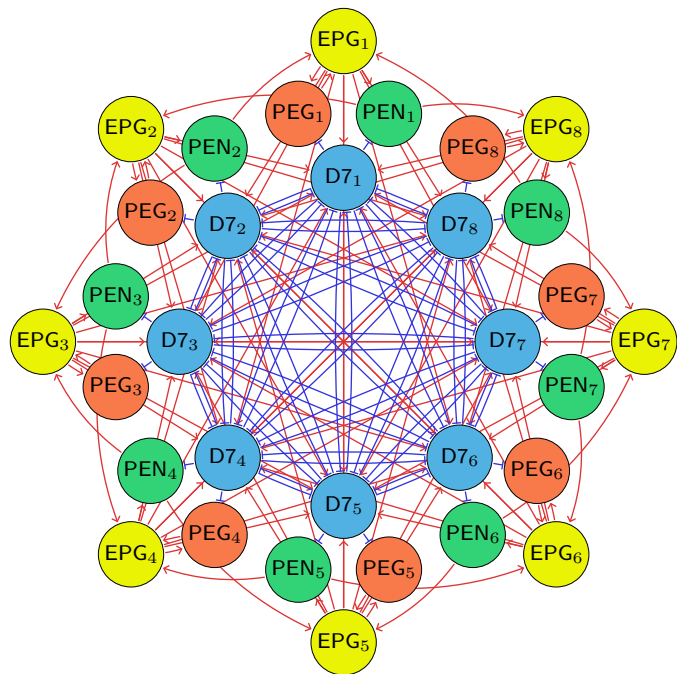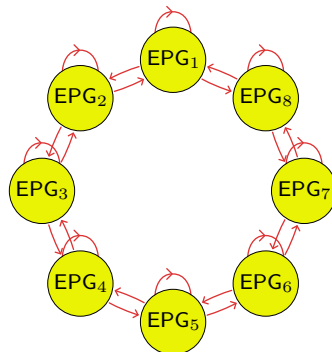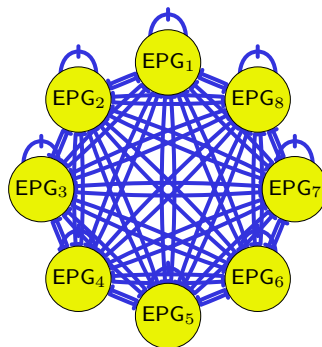**Initial connectivity**

Paths of length 2

Paths of length 3

Simplified connectivity