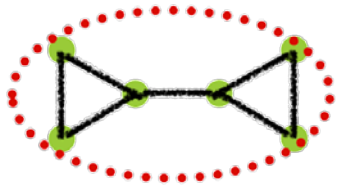
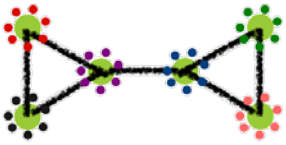
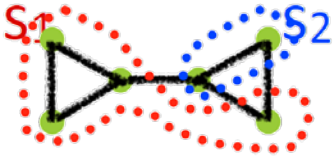
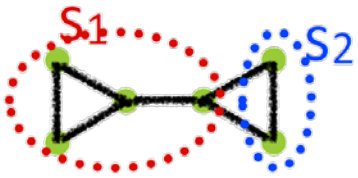
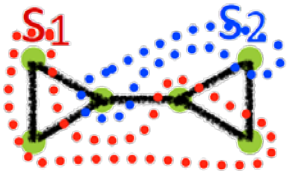
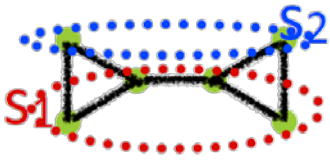
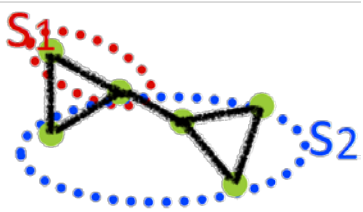
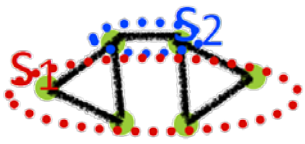
Modularity of networks

$$Q = \sum_{s=1}^{N_M} \left[\frac{l_s}{L} - \left(\frac{d_s}{2L} \right)^2 \right]$$

	$N_M = 1$ $l_1 = 7$ $d_1 = 14$ $L = 7$	$Q = 0$
	$N_M = 6$ $l_1 = 0, l_2 = 0, l_3 = 0, l_4 = 0, l_5 = 0, l_6 = 0$ $d_1 = 2, d_2 = 2, d_3 = 3, d_4 = 3, d_5 = 2, d_6 = 2$ $L = 7$	$Q = -0.17347$
	$N_M = 2$ $l_1 = 3, l_2 = 1$ $d_1 = 9, d_2 = 5$ $L = 7$	$Q = 0.030612$
	$N_M = 2$ $l_1 = 4, l_2 = 1$ $d_1 = 10, d_2 = 4$ $L = 7$	$Q = 0.122449$
	$N_M = 2$ $l_1 = 2, l_2 = 0$ $d_1 = 9, d_2 = 5$ $L = 7$	$Q = -0.2551$
	$N_M = 2$ $l_1 = 3, l_2 = 0$ $d_1 = 10, d_2 = 4$ $L = 7$	$Q = -0.16327$
	$N_M = 2$ $l_1 = 1, l_2 = 3$ $d_1 = 5, d_2 = 9$ $L = 7$	$Q = 0.030612$
	$N_M = 2$ $l_1 = 2, l_2 = 1$ $d_1 = 8, d_2 = 6$ $L = 7$	$Q = -0.08163$