

A.2 Motif Combined Result Tables

A.2.1 Size 3

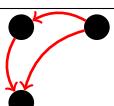
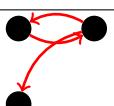
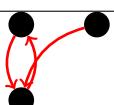
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 1 & 0 \end{bmatrix}$		278	0.418%	
2	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 1 \\ 1 & 1 & 0 \end{bmatrix}$		26	0.026%	
3	$\begin{bmatrix} 0 & 1 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{bmatrix}$		-	0.01%	

Figure 52: Ratio and concentration of size 3 motifs in the ownership network

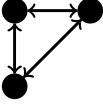
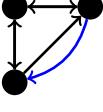
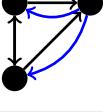
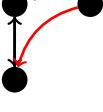
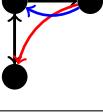
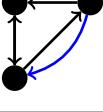
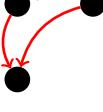
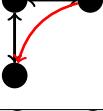
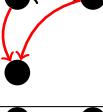
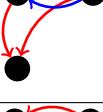
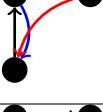
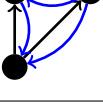
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 2 & 2 \\ 2 & 0 & 2 \\ 2 & 2 & 0 \end{bmatrix}$		1462	20.791%	Circle,Clique
2	$\begin{bmatrix} 0 & 2 & 2 \\ 2 & 0 & 2 \\ 3 & 2 & 0 \end{bmatrix}$		1858	1.918%	Circle,Clique
3	$\begin{bmatrix} 0 & 2 & 2 \\ 2 & 0 & 2 \\ 3 & 3 & 0 \end{bmatrix}$		-	0.945%	Circle,Clique
4	$\begin{bmatrix} 0 & 2 & 0 \\ 2 & 0 & 0 \\ 1 & 1 & 0 \end{bmatrix}$		1170	0.805%	Circle,Clique
5	$\begin{bmatrix} 0 & 2 & 0 \\ 2 & 0 & 2 \\ 1 & 3 & 0 \end{bmatrix}$		1032	0.118%	Circle,Clique
6	$\begin{bmatrix} 0 & 2 & 2 \\ 2 & 0 & 3 \\ 3 & 2 & 0 \end{bmatrix}$		-	0.104%	Circle,Clique
7	$\begin{bmatrix} 0 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 1 & 0 \end{bmatrix}$		97	0.078%	Circle,Clique
8	$\begin{bmatrix} 0 & 2 & 0 \\ 2 & 0 & 2 \\ 1 & 2 & 0 \end{bmatrix}$		65	0.075%	Circle,Clique
9	$\begin{bmatrix} 0 & 0 & 0 \\ 1 & 0 & 2 \\ 1 & 2 & 0 \end{bmatrix}$		516	0.059%	Circle,Clique
10	$\begin{bmatrix} 0 & 0 & 0 \\ 1 & 0 & 2 \\ 1 & 3 & 0 \end{bmatrix}$		-	0.056%	Circle,Clique
11	$\begin{bmatrix} 0 & 2 & 0 \\ 3 & 0 & 0 \\ 1 & 1 & 0 \end{bmatrix}$		-	0.021%	Circle,Clique
12	$\begin{bmatrix} 0 & 2 & 2 \\ 3 & 0 & 2 \\ 3 & 3 & 0 \end{bmatrix}$		-	0.018%	Circle,Clique

Figure 53: Ratio and concentration of size 3 motifs in the multiplex network (part 1)

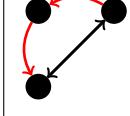
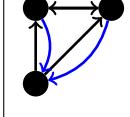
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
13	$\begin{bmatrix} 0 & 0 & 2 \\ 1 & 0 & 0 \\ 2 & 1 & 0 \end{bmatrix}$		-	0.017%	Circle,Clique
14	$\begin{bmatrix} 0 & 2 & 2 \\ 3 & 0 & 2 \\ 3 & 2 & 0 \end{bmatrix}$		-	0.016%	Circle,Clique

Figure 54: Ratio and concentration of size 3 motifs in the multiplex network (part 2)

A.2.2 Size 4

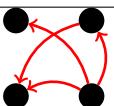
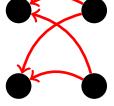
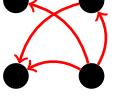
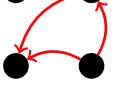
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		100	0.436%	
2	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 \end{bmatrix}$		2024	0.351%	
3	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.068%	
4	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 0 & 1 & 0 \end{bmatrix}$		29	0.016%	

Figure 55: Ratio and concentration of size 4 motifs in the ownership network

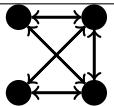
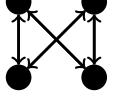
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 0 & 1 & 1 \\ 0 & 0 & 1 & 1 \\ 1 & 1 & 0 & 1 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		171	3.802%	
2	$\begin{bmatrix} 0 & 1 & 1 & 0 \\ 1 & 0 & 0 & 1 \\ 1 & 0 & 0 & 1 \\ 0 & 1 & 1 & 0 \end{bmatrix}$		42	0.104%	Circle

Figure 56: Ratio and concentration of size 4 motifs in the interlocks network

ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 2 & 2 \\ 2 & 2 & 0 & 2 \\ 2 & 2 & 2 & 0 \end{bmatrix}$		-	2.43%	Clique
2	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 \\ 2 & 0 & 2 & 0 \end{bmatrix}$		65	1.353%	Circle,Clique
3	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 \\ 0 & 2 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		341	1.216%	Circle,Clique
4	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 2 \\ 1 & 0 & 2 & 0 \end{bmatrix}$		9	0.717%	Pyramid
5	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 \\ 0 & 2 & 0 & 2 \\ 1 & 2 & 2 & 0 \end{bmatrix}$		500	0.536%	Circle,Clique
6	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 \\ 0 & 2 & 0 & 2 \\ 1 & 3 & 2 & 0 \end{bmatrix}$		1632	0.468%	Circle,Clique
7	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 2 \\ 2 & 2 & 0 & 2 \\ 2 & 2 & 2 & 0 \end{bmatrix}$		18241	0.255%	
8	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 \\ 0 & 2 & 0 & 2 \\ 1 & 3 & 3 & 0 \end{bmatrix}$		7556	0.229%	Circle,Clique
9	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		38	0.149%	Circle,Clique
10	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 2 & 2 \\ 2 & 2 & 0 & 2 \\ 3 & 2 & 2 & 0 \end{bmatrix}$		-	0.134%	Clique
11	$\begin{bmatrix} 0 & 2 & 0 & 0 \\ 2 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 \\ 1 & 1 & 2 & 0 \end{bmatrix}$		611	0.127%	Circle,Clique
12	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 \end{bmatrix}$		363	0.126%	Circle

Figure 57: Ratio and concentration of size 4 motifs in the multiplex network (part 1)

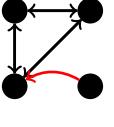
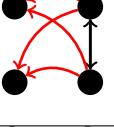
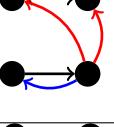
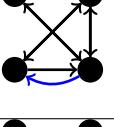
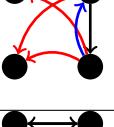
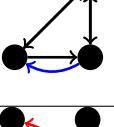
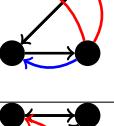
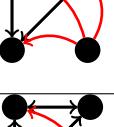
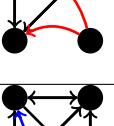
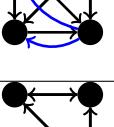
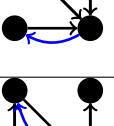
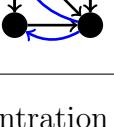
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
13	$\begin{bmatrix} 0 & 2 & 2 & 0 \\ 2 & 0 & 2 & 0 \\ 2 & 2 & 0 & 0 \\ 1 & 0 & 0 & 0 \end{bmatrix}$		352	0.121%	Circle,Clique
14	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 2 \\ 1 & 1 & 2 & 0 \end{bmatrix}$		-	0.1%	
15	$\begin{bmatrix} 0 & 0 & 0 & 2 \\ 0 & 0 & 2 & 0 \\ 0 & 2 & 0 & 0 \\ 3 & 1 & 1 & 0 \end{bmatrix}$		986	0.096%	Circle,Clique
16	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 \\ 3 & 2 & 2 & 0 \end{bmatrix}$		334	0.092%	Circle,Clique
17	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 2 \\ 1 & 1 & 3 & 0 \end{bmatrix}$		776	0.089%	Circle,Clique
18	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 \\ 2 & 2 & 0 & 2 \\ 3 & 0 & 2 & 0 \end{bmatrix}$		178	0.087%	Circle,Clique
19	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 \\ 3 & 1 & 1 & 0 \end{bmatrix}$		181	0.081%	Circle,Clique
20	$\begin{bmatrix} 0 & 2 & 2 & 0 \\ 2 & 0 & 2 & 0 \\ 2 & 2 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.077%	Clique
21	$\begin{bmatrix} 0 & 2 & 2 & 0 \\ 2 & 0 & 2 & 0 \\ 2 & 2 & 0 & 0 \\ 1 & 1 & 0 & 0 \end{bmatrix}$		-	0.07%	
22	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 2 & 2 \\ 2 & 2 & 0 & 2 \\ 3 & 3 & 2 & 0 \end{bmatrix}$		-	0.067%	Clique
23	$\begin{bmatrix} 0 & 0 & 0 & 2 \\ 0 & 0 & 2 & 2 \\ 0 & 2 & 0 & 2 \\ 3 & 2 & 2 & 0 \end{bmatrix}$		193	0.063%	Circle,Clique
24	$\begin{bmatrix} 0 & 2 & 0 & 2 \\ 2 & 0 & 0 & 2 \\ 0 & 0 & 0 & 2 \\ 3 & 3 & 2 & 0 \end{bmatrix}$		2683	0.044%	Circle,Clique

Figure 58: Ratio and concentration of size 4 motifs in the multiplex network (part 2)

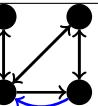
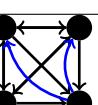
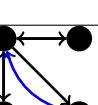
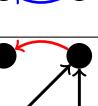
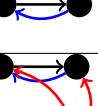
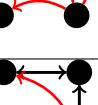
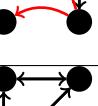
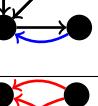
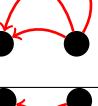
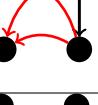
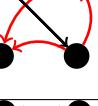
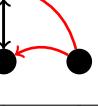
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
25	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 \\ 3 & 0 & 2 & 0 \end{bmatrix}$		160	0.044%	Circle,Clique
26	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 2 & 2 \\ 2 & 2 & 0 & 2 \\ 3 & 3 & 3 & 0 \end{bmatrix}$		-	0.043%	Clique
27	$\begin{bmatrix} 0 & 2 & 0 & 2 \\ 2 & 0 & 2 & 2 \\ 0 & 2 & 0 & 0 \\ 3 & 3 & 0 & 0 \end{bmatrix}$		551	0.033%	Circle,Clique
28	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 \\ 2 & 1 & 0 & 2 \\ 3 & 0 & 2 & 0 \end{bmatrix}$		1778	0.033%	Circle,Clique
29	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 \\ 0 & 3 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		163	0.032%	Circle,Clique
30	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 \\ 0 & 2 & 0 & 2 \\ 1 & 1 & 2 & 0 \end{bmatrix}$		15	0.032%	Circle,Clique
31	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 2 & 0 \\ 2 & 2 & 0 & 0 \\ 3 & 0 & 0 & 0 \end{bmatrix}$		88	0.031%	Circle,Clique
32	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		11490	0.027%	
33	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 2 \\ 1 & 1 & 2 & 0 \end{bmatrix}$		48	0.026%	Circle,Clique
34	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 \\ 1 & 0 & 0 & 0 \\ 1 & 2 & 1 & 0 \end{bmatrix}$		93	0.022%	Circle,Clique
35	$\begin{bmatrix} 0 & 2 & 0 & 0 \\ 2 & 0 & 2 & 0 \\ 0 & 2 & 0 & 0 \\ 1 & 1 & 0 & 0 \end{bmatrix}$		42	0.02%	Circle,Clique
36	$\begin{bmatrix} 0 & 2 & 2 & 2 \\ 2 & 0 & 0 & 2 \\ 2 & 0 & 0 & 2 \\ 3 & 2 & 2 & 0 \end{bmatrix}$		-	0.019%	

Figure 59: Ratio and concentration of size 4 motifs in the multiplex network (part 3)

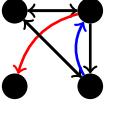
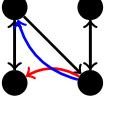
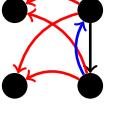
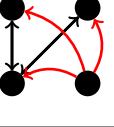
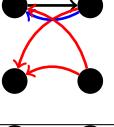
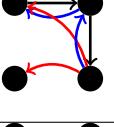
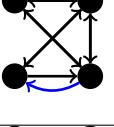
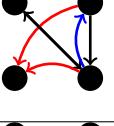
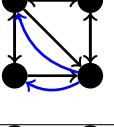
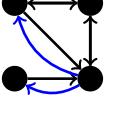
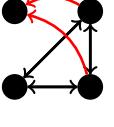
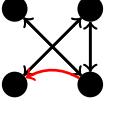
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
37	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 \\ 1 & 2 & 0 & 2 \\ 0 & 2 & 3 & 0 \end{bmatrix}$		1013	0.019%	Circle,Clique
38	$\begin{bmatrix} 0 & 2 & 0 & 0 \\ 2 & 0 & 0 & 2 \\ 0 & 0 & 0 & 2 \\ 1 & 3 & 2 & 0 \end{bmatrix}$		328	0.017%	Circle,Clique
39	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 2 \\ 1 & 1 & 3 & 0 \end{bmatrix}$		-	0.016%	
40	$\begin{bmatrix} 0 & 2 & 2 & 0 \\ 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.014%	
41	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 \\ 1 & 3 & 0 & 0 \\ 1 & 1 & 0 & 0 \end{bmatrix}$		949	0.013%	Circle
42	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 \\ 0 & 3 & 0 & 2 \\ 1 & 1 & 3 & 0 \end{bmatrix}$		1374	0.013%	Circle,Clique
43	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 2 \\ 2 & 2 & 0 & 2 \\ 3 & 2 & 2 & 0 \end{bmatrix}$		-	0.013%	
44	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 \\ 1 & 0 & 0 & 2 \\ 1 & 2 & 3 & 0 \end{bmatrix}$		881	0.012%	Circle,Clique
45	$\begin{bmatrix} 0 & 2 & 0 & 2 \\ 2 & 0 & 2 & 2 \\ 0 & 2 & 0 & 2 \\ 3 & 3 & 2 & 0 \end{bmatrix}$		-	0.011%	
46	$\begin{bmatrix} 0 & 0 & 0 & 2 \\ 0 & 0 & 2 & 2 \\ 0 & 2 & 0 & 2 \\ 3 & 3 & 2 & 0 \end{bmatrix}$		139	0.011%	Circle,Clique
47	$\begin{bmatrix} 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 \\ 2 & 1 & 0 & 2 \\ 2 & 1 & 2 & 0 \end{bmatrix}$		-	0.01%	
48	$\begin{bmatrix} 0 & 0 & 2 & 0 \\ 0 & 0 & 2 & 0 \\ 2 & 0 & 0 & 2 \\ 1 & 2 & 2 & 0 \end{bmatrix}$		25	0.01%	Circle,Clique

Figure 60: Ratio and concentration of size 4 motifs in the multiplex network (part 4)

A.2.3 Size 5

ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		642	0.623%	
2	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		57	0.488%	
3	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		584907	0.391%	
4	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		28619	0.114%	
5	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.029%	
6	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 1 & 0 & 0 \\ 1 & 1 & 0 & 1 & 0 \end{bmatrix}$		10	0.015%	

Figure 61: Ratio and concentration of size 5 motifs in the ownership network

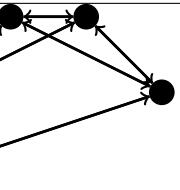
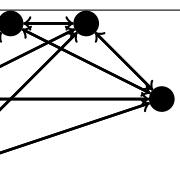
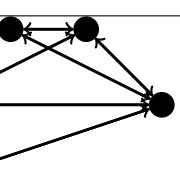
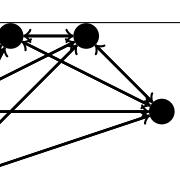
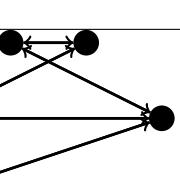
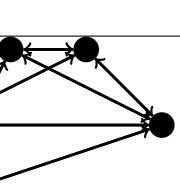
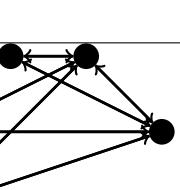
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 0 & 0 & 0 & 1 \\ 0 & 0 & 1 & 1 & 0 \\ 0 & 1 & 0 & 1 & 1 \\ 0 & 1 & 1 & 0 & 1 \\ 1 & 0 & 1 & 1 & 0 \end{bmatrix}$		66	2.133%	
2	$\begin{bmatrix} 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 1 & 0 & 1 & 1 \\ 1 & 1 & 1 & 0 & 1 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		82	2.039%	
3	$\begin{bmatrix} 0 & 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 1 & 1 & 0 & 1 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		20	1.362%	
4	$\begin{bmatrix} 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 1 & 1 & 0 & 1 & 1 \\ 1 & 1 & 1 & 0 & 1 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		63435	1.007%	
5	$\begin{bmatrix} 0 & 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		20	0.301%	Circle
6	$\begin{bmatrix} 0 & 0 & 1 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 1 & 0 & 0 & 1 & 1 \\ 0 & 1 & 1 & 0 & 1 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		43	0.294%	
7	$\begin{bmatrix} 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 1 & 1 & 1 & 0 & 1 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		11421	0.159%	

Figure 62: Ratio and concentration of size 5 motifs in the interlocks network (part 1)

ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
8	$\begin{bmatrix} 0 & 1 & 0 & 1 & 0 \\ 1 & 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 1 & 0 & 1 & 0 & 1 \\ 0 & 1 & 1 & 1 & 0 \end{bmatrix}$		18	0.091%	
9	$\begin{bmatrix} 0 & 1 & 1 & 0 & 0 \\ 1 & 0 & 0 & 1 & 1 \\ 1 & 0 & 0 & 1 & 1 \\ 0 & 1 & 1 & 0 & 1 \\ 0 & 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.021%	
10	$\begin{bmatrix} 0 & 1 & 1 & 0 & 0 \\ 1 & 0 & 0 & 1 & 0 \\ 1 & 0 & 0 & 0 & 1 \\ 0 & 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 1 & 0 \end{bmatrix}$		24	0.018%	Circle

Figure 63: Ratio and concentration of size 5 motifs in the interlocks network (part 2)

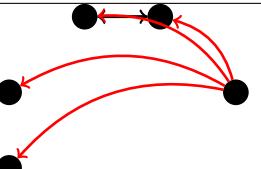
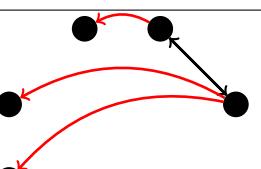
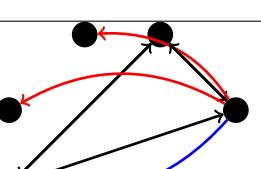
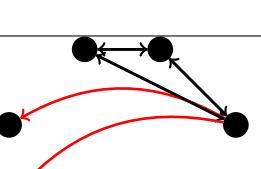
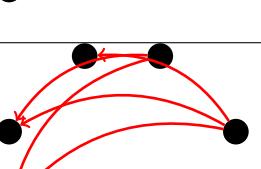
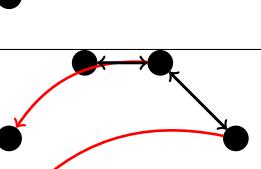
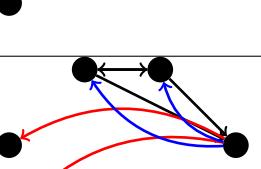
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
1	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 2 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		269	1.932%	Circle,Clique
2	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 2 \\ 1 & 1 & 0 & 2 & 0 \end{bmatrix}$		10	0.868%	Pyramid
3	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 2 \\ 3 & 1 & 1 & 2 & 0 \end{bmatrix}$		2346	0.673%	Circle,Clique
4	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 2 \\ 1 & 1 & 2 & 2 & 0 \end{bmatrix}$		873	0.559%	Circle,Clique
5	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		172	0.361%	Circle
6	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 1 & 2 & 0 & 2 \\ 1 & 0 & 0 & 2 & 0 \end{bmatrix}$		9	0.3%	Pyramid
7	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 2 \\ 1 & 1 & 3 & 3 & 0 \end{bmatrix}$		8770	0.257%	Circle,Clique

Figure 64: Ratio and concentration of size 5 motifs in the multiplex network (part 1)

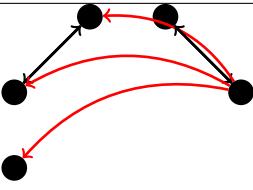
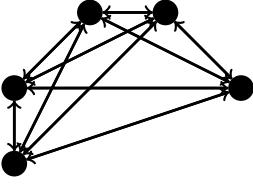
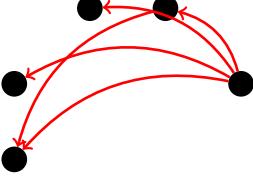
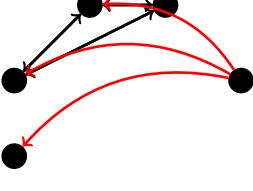
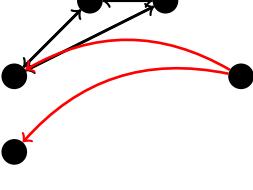
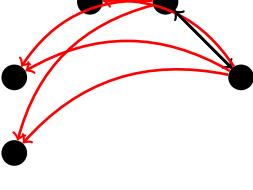
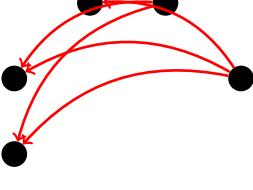
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
8	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 & 0 \\ 0 & 2 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 1 & 1 & 1 & 2 & 0 \end{bmatrix}$		306	0.216%	Circle,Clique
9	$\begin{bmatrix} 0 & 2 & 2 & 2 & 2 \\ 2 & 0 & 2 & 2 & 2 \\ 2 & 2 & 0 & 2 & 2 \\ 2 & 2 & 2 & 0 & 2 \\ 2 & 2 & 2 & 2 & 0 \end{bmatrix}$		-	0.194%	Clique
10	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		23	0.181%	Circle,Clique
11	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 0 \\ 0 & 2 & 0 & 2 & 0 \\ 0 & 2 & 2 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		285266	0.158%	
12	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 0 \\ 0 & 2 & 0 & 2 & 0 \\ 0 & 2 & 2 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \end{bmatrix}$		969	0.146%	Circle,Clique
13	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 2 \\ 1 & 1 & 1 & 2 & 0 \end{bmatrix}$		-	0.126%	
14	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		40572	0.123%	

Figure 65: Ratio and concentration of size 5 motifs in the multiplex network (part 2)

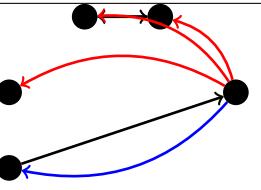
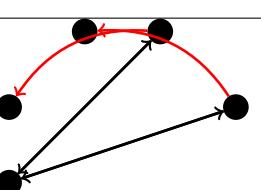
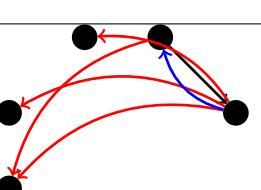
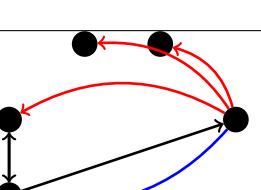
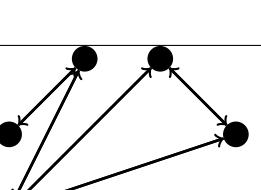
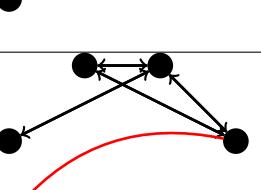
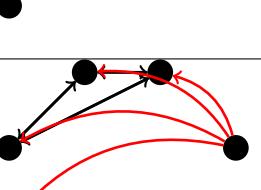
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
15	$\begin{bmatrix} 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 2 & 0 & 0 \\ 3 & 1 & 1 & 1 & 0 \end{bmatrix}$		316	0.104%	Circle,Clique
16	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 1 & 0 & 0 & 0 \\ 2 & 0 & 1 & 0 & 0 \end{bmatrix}$		10	0.092%	Pyramid
17	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 2 \\ 1 & 1 & 1 & 3 & 0 \end{bmatrix}$		468	0.089%	Circle,Clique
18	$\begin{bmatrix} 0 & 2 & 0 & 0 & 2 \\ 2 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 3 & 1 & 1 & 1 & 0 \end{bmatrix}$		110	0.086%	Circle,Clique
19	$\begin{bmatrix} 0 & 0 & 2 & 2 & 2 \\ 0 & 0 & 2 & 0 & 0 \\ 2 & 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 2 \\ 2 & 0 & 0 & 2 & 0 \end{bmatrix}$		33	0.081%	Circle,Clique
20	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 2 & 2 & 0 & 2 \\ 1 & 0 & 2 & 2 & 0 \end{bmatrix}$		112	0.077%	Circle,Clique
21	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 0 \\ 0 & 2 & 0 & 2 & 0 \\ 0 & 2 & 2 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.077%	Clique

Figure 66: Ratio and concentration of size 5 motifs in the multiplex network (part 3)

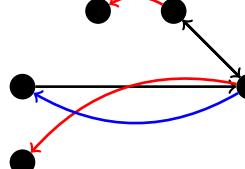
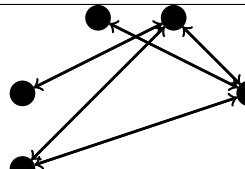
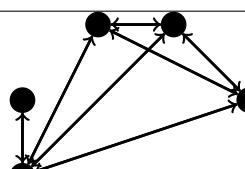
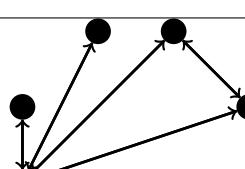
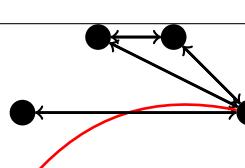
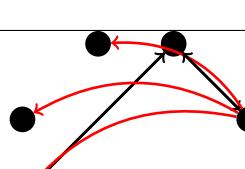
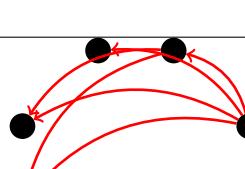
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
22	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 2 \\ 1 & 3 & 0 & 2 & 0 \end{bmatrix}$		7	0.076%	Pyramid
23	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 2 & 2 & 0 & 0 & 2 \\ 2 & 0 & 2 & 2 & 0 \end{bmatrix}$		11	0.069%	Circle,Clique
24	$\begin{bmatrix} 0 & 2 & 2 & 2 & 2 \\ 2 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 & 2 \\ 2 & 0 & 2 & 0 & 2 \\ 2 & 0 & 2 & 2 & 0 \end{bmatrix}$		2235624	0.069%	Clique
25	$\begin{bmatrix} 0 & 2 & 2 & 2 & 2 \\ 2 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 2 \\ 2 & 0 & 0 & 2 & 0 \end{bmatrix}$		13	0.056%	Circle,Clique
26	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 2 \\ 1 & 2 & 2 & 2 & 0 \end{bmatrix}$		156	0.052%	Circle,Clique
27	$\begin{bmatrix} 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 2 \\ 1 & 1 & 1 & 2 & 0 \end{bmatrix}$		12	0.047%	Circle,Clique
28	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		3987	0.044%	

Figure 67: Ratio and concentration of size 5 motifs in the multiplex network (part 4)

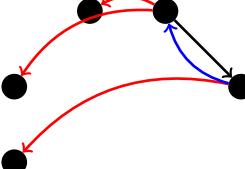
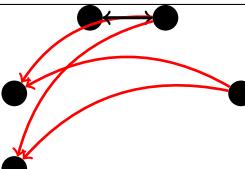
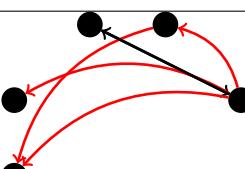
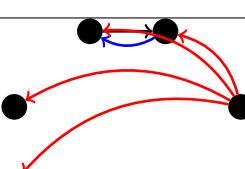
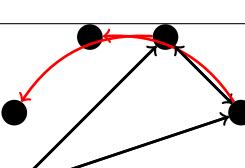
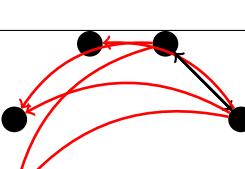
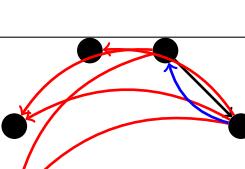
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
29	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 & 2 \\ 1 & 0 & 0 & 3 & 0 \end{bmatrix}$		7	0.039%	Pyramid
30	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 1 & 1 & 2 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \end{bmatrix}$		305	0.039%	Circle
31	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 2 & 1 & 0 \end{bmatrix}$		47	0.037%	Circle,Clique
32	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 3 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		91	0.036%	Circle,Clique
33	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 1 & 0 & 0 & 2 \\ 2 & 0 & 1 & 2 & 0 \end{bmatrix}$		2019	0.035%	Circle,Clique
34	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 2 \\ 1 & 1 & 1 & 2 & 0 \end{bmatrix}$		7664	0.034%	
35	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 2 \\ 1 & 1 & 1 & 3 & 0 \end{bmatrix}$		133710	0.033%	

Figure 68: Ratio and concentration of size 5 motifs in the multiplex network (part 5)

ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
36	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 2 & 0 \\ 0 & 2 & 2 & 0 & 0 \\ 1 & 2 & 0 & 0 & 0 \end{bmatrix}$		183	0.033%	Circle,Clique
37	$\begin{bmatrix} 0 & 0 & 2 & 2 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		20	0.031%	Circle,Clique
38	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 2 & 2 \\ 0 & 2 & 2 & 0 & 2 \\ 1 & 3 & 2 & 2 & 0 \end{bmatrix}$		-	0.03%	Clique
39	$\begin{bmatrix} 0 & 2 & 2 & 2 & 2 \\ 2 & 0 & 2 & 0 & 0 \\ 2 & 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 2 \\ 2 & 0 & 0 & 2 & 0 \end{bmatrix}$		23978	0.027%	
40	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 2 & 2 \\ 0 & 2 & 2 & 0 & 2 \\ 1 & 3 & 3 & 2 & 0 \end{bmatrix}$		-	0.027%	Clique
41	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 2 & 2 \\ 2 & 2 & 2 & 0 & 2 \\ 2 & 2 & 2 & 2 & 0 \end{bmatrix}$		-	0.026%	
42	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 & 0 \\ 0 & 2 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 2 \\ 1 & 0 & 0 & 2 & 0 \end{bmatrix}$		8	0.025%	Pyramid

Figure 69: Ratio and concentration of size 5 motifs in the multiplex network (part 6)

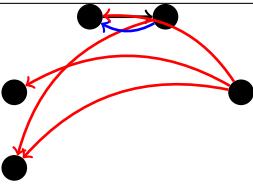
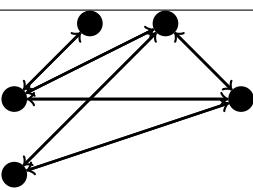
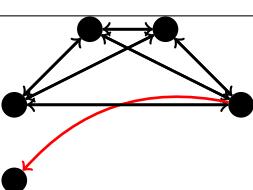
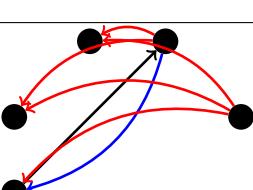
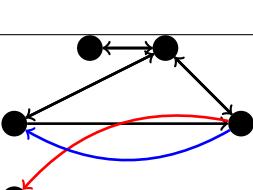
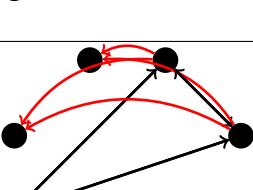
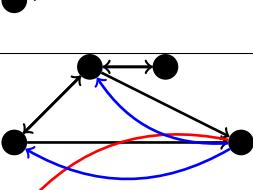
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
43	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 1 & 0 & 3 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		527	0.022%	Circle
44	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 0 & 0 \\ 2 & 2 & 0 & 0 & 2 \\ 2 & 2 & 0 & 2 & 0 \end{bmatrix}$		2087	0.02%	
45	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 2 & 2 \\ 0 & 2 & 2 & 0 & 2 \\ 1 & 2 & 2 & 2 & 0 \end{bmatrix}$		-	0.019%	Clique
46	$\begin{bmatrix} 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 3 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		200136	0.019%	
47	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 2 & 2 & 0 & 2 \\ 1 & 3 & 0 & 2 & 0 \end{bmatrix}$		198	0.019%	Circle, Clique
48	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 1 & 1 & 0 & 2 \\ 2 & 1 & 1 & 2 & 0 \end{bmatrix}$		-	0.017%	
49	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 & 2 \\ 0 & 2 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 0 \\ 1 & 3 & 3 & 0 & 0 \end{bmatrix}$		1534	0.016%	Circle, Clique

Figure 70: Ratio and concentration of size 5 motifs in the multiplex network (part 7)

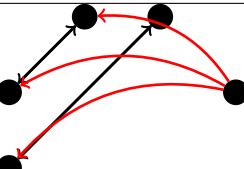
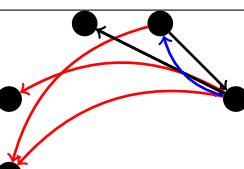
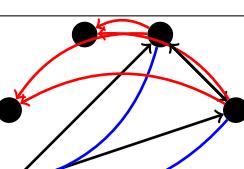
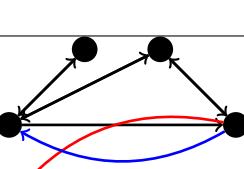
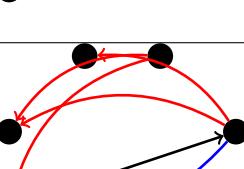
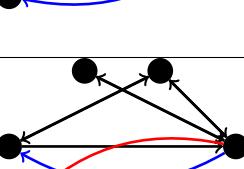
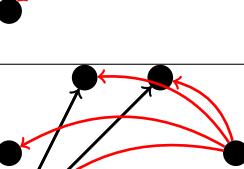
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
50	$\begin{bmatrix} 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 2 & 0 & 0 \\ 0 & 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \end{bmatrix}$		202	0.016%	Circle,Clique
51	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 1 & 0 & 0 & 0 & 2 \\ 1 & 1 & 2 & 3 & 0 \end{bmatrix}$		606	0.016%	Circle,Clique
52	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 3 & 1 & 1 & 0 & 2 \\ 3 & 1 & 1 & 2 & 0 \end{bmatrix}$		-	0.016%	
53	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & 2 \\ 0 & 2 & 0 & 0 & 0 \\ 0 & 2 & 0 & 0 & 2 \\ 1 & 3 & 0 & 2 & 0 \end{bmatrix}$		305	0.016%	Circle,Clique
54	$\begin{bmatrix} 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \\ 3 & 1 & 1 & 0 & 0 \end{bmatrix}$		755	0.015%	Circle
55	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 2 \\ 0 & 2 & 0 & 0 & 2 \\ 1 & 3 & 2 & 2 & 0 \end{bmatrix}$		198	0.015%	Circle,Clique
56	$\begin{bmatrix} 0 & 0 & 2 & 2 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		5851	0.015%	

Figure 71: Ratio and concentration of size 5 motifs in the multiplex network (part 8)

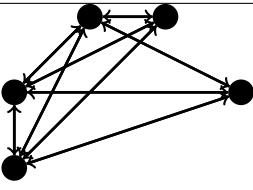
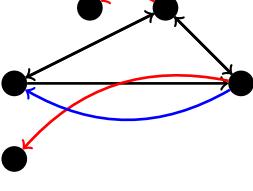
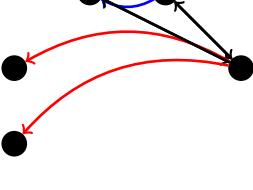
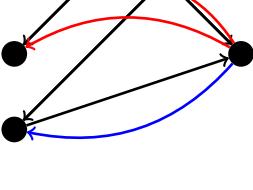
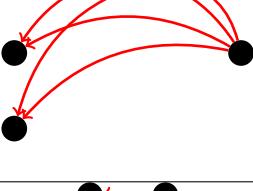
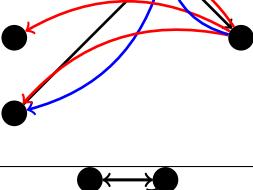
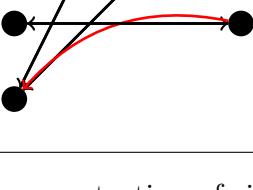
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
57	$\begin{bmatrix} 0 & 2 & 2 & 2 & 2 \\ 2 & 0 & 2 & 2 & 2 \\ 2 & 2 & 0 & 2 & 2 \\ 2 & 2 & 2 & 0 & 0 \\ 2 & 2 & 2 & 0 & 0 \end{bmatrix}$		-	0.014%	
58	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 2 & 1 & 0 & 2 \\ 1 & 3 & 0 & 2 & 0 \end{bmatrix}$		3386	0.014%	Circle,Clique
59	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 3 & 0 & 2 \\ 1 & 1 & 2 & 2 & 0 \end{bmatrix}$		2011	0.013%	Circle,Clique
60	$\begin{bmatrix} 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 0 \\ 0 & 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 2 \\ 3 & 1 & 1 & 2 & 0 \end{bmatrix}$		-	0.013%	
61	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		413857	0.013%	
62	$\begin{bmatrix} 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 3 & 0 & 0 & 0 & 2 \\ 1 & 1 & 1 & 3 & 0 \end{bmatrix}$		796	0.013%	Circle,Clique
63	$\begin{bmatrix} 0 & 0 & 2 & 2 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 2 & 0 & 0 & 2 & 0 \\ 2 & 0 & 2 & 0 & 0 \\ 1 & 2 & 0 & 0 & 0 \end{bmatrix}$		550	0.012%	Circle,Clique

Figure 72: Ratio and concentration of size 5 motifs in the multiplex network (part 9)

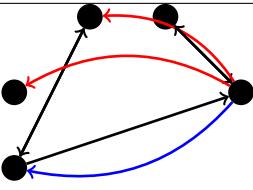
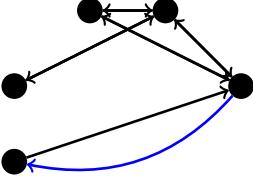
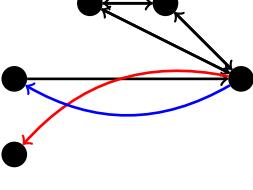
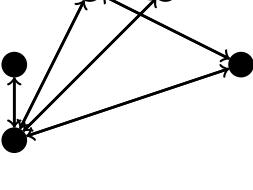
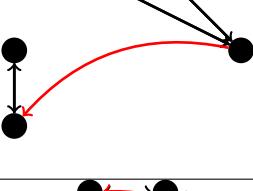
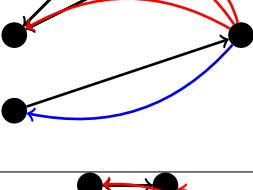
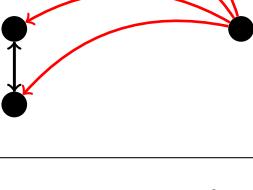
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
64	$\begin{bmatrix} 0 & 0 & 2 & 0 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 3 & 1 & 1 & 2 & 0 \end{bmatrix}$		125	0.012%	Circle,Clique
65	$\begin{bmatrix} 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 2 & 2 & 0 & 2 \\ 3 & 0 & 2 & 2 & 0 \end{bmatrix}$		59	0.012%	Circle,Clique
66	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 2 \\ 1 & 3 & 2 & 2 & 0 \end{bmatrix}$		141	0.012%	Circle,Clique
67	$\begin{bmatrix} 0 & 2 & 2 & 2 & 2 \\ 2 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 & 2 \\ 2 & 0 & 2 & 0 & 0 \\ 2 & 0 & 2 & 0 & 0 \end{bmatrix}$		922	0.011%	
68	$\begin{bmatrix} 0 & 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 0 & 0 & 2 & 0 & 2 \\ 1 & 0 & 2 & 2 & 0 \end{bmatrix}$		469	0.011%	Circle,Clique
69	$\begin{bmatrix} 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 2 & 2 & 0 \\ 0 & 2 & 0 & 2 & 0 \\ 0 & 2 & 2 & 0 & 0 \\ 3 & 1 & 1 & 1 & 0 \end{bmatrix}$		-	0.011%	Clique
70	$\begin{bmatrix} 0 & 2 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 0 \\ 0 & 0 & 2 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 \end{bmatrix}$		113400	0.01%	

Figure 73: Ratio and concentration of size 5 motifs in the multiplex network (part 10)

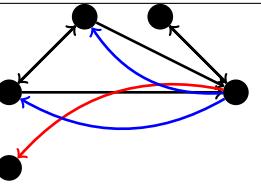
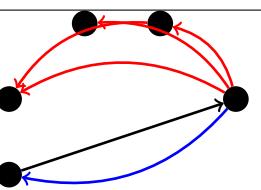
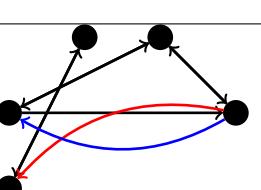
ID	Adjacency Matrix	Motif	Ratio	Concentration	Type
71	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 & 2 \\ 0 & 2 & 0 & 0 & 2 \\ 0 & 0 & 0 & 0 & 2 \\ 1 & 3 & 3 & 2 & 0 \end{bmatrix}$		1615	0.01%	Circle,Clique
72	$\begin{bmatrix} 0 & 0 & 0 & 0 & 2 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 \\ 3 & 1 & 1 & 1 & 0 \end{bmatrix}$		28	0.01%	Circle,Clique
73	$\begin{bmatrix} 0 & 0 & 2 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 \\ 2 & 0 & 0 & 0 & 0 \\ 0 & 2 & 0 & 0 & 2 \\ 1 & 3 & 0 & 2 & 0 \end{bmatrix}$		1571	0.01%	Circle,Clique

Figure 74: Ratio and concentration of size 5 motifs in the multiplex network (part 11)