

Figure 1. Graph: "overlap"

Subdue

	fsg	instances	models	sbg_wt
0	1	4	Graph(4v,4e)	8
1	2	6	Graph(4v,3e)	7
2	3	22	Graph(3v,2e)	5
3	4	38	Graph(4v,3e)	7

Snap/Motifs

MotifId	Nodes	Edges	Count
6	3 2 4		
12	3 2 14		
36	3 2 4		

MotifId	Nodes	Edges	Count
28	4 3 3		
74	4 3 3		
76	4 3 3		
280	4 3 3		
328	4 3 13		
392	4 3 3		
904	4 4 4		

iGraph

```
> graph.motifs.no(g.network, 3)
```

```
[1] 22
```

```
> graph.motifs(g.network, 3)
```

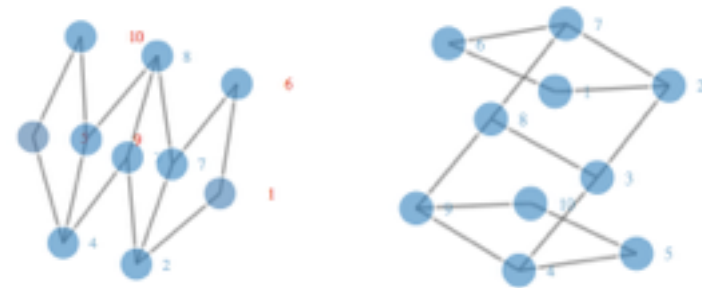
```
[1] NA NA 4 NA 14 0 4 0 0 0 0 0 0 0 0 0
```

```
> graph.motifs.no(g.network, 4)
```

```
[1] 32
```

```
> graph.motifs(g.network, 4)
```

```
[1] NA NA NA 0 NA NA NA 3 0 NA NA NA 3 3 0 NA 0 0 0 0 0 0 NA NA 3 0 0 NA NA 13 0 0 0 NA NA 0 0 0 0 NA 0 3
[43] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 NA 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
[85] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
[127] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
[169] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
[211] 0 0 0 0 0 0 0 0 0
```



- One of Subdue's available graphs. Subdue output with 3/4 min/max size & overlap flags.
- 3 Node motifs agree between all 3 tools
- 4 Node motifs by iGraph and Snap agree, but Subdue finds more instances that it considers to be frequent
- Data available: /data/saguinag/Datasets/subdue/