Table. S1 Spearman correlations between node (or link) number with dilutions in each network. Correlations were calculated by cor.test function in R3.4.3, and asterisk means a statistically significant (*P* < 0.05, ** *P* < 0.01).

Method	Week	*P* value	Node		Link	
			r	P	r	P
CoNet	Week 1	< 0.05	0.429	0.419	0.943	0.017*
		< 0.01	0.829	0.058	0.943	0.017*
		< 0.001	0.943	0.017*	0.943	0.017*
	Week 3	< 0.05	0.086	0.919	0.600	0.242
		< 0.01	0.086	0.919	0.429	0.419
		< 0.001	0.086	0.919	0.429	0.419
Pearson	Week 1	< 0.05	0.086	0.919	0.829	0.058
		< 0.01	0.841	0.036*	0.829	0.058
		< 0.001	0.829	0.059	0.771	0.103
	Week 3	< 0.05	-0.829	0.058	0.657	0.175
		< 0.01	-0.829	0.919	1	0.003**
		< 0.001	1	0.003**	0.943	0.017*
Spearman	Week 1	< 0.05	0.886	0.033*	0.943	0.017*
		< 0.01	0.886	0.033*	0.886	0.033*
		< 0.001	0.771	0.103	0.543	0.297
	Week 3	< 0.05	-0.143	0.803	0.257	0.658
		< 0.01	0.371	0.497	0.714	0.136
		< 0.001	0.600	0.243	0.829	0.058