Due to space constraints, we explain the characteristics of the central farmers here.

In the adjoining-land relationship (Figure. 5b), H45 had the highest centralities of degree, closeness, and betweenness, which may be because this smallholder's plot was located in the geometric center of the cooperative's plot network (Fig. 4). Moreover, when the cooperative was established, it incorporated smallholders whose plots were adjacent to each other. As a result, network centralities for the adjoining land relationship were higher than for the other relationships. For example, the mean values of its centralities of degree, closeness, and betweenness are 1.79, 1.61, and 4.99, respectively.

In the labor-sharing relationship (Figure. 5c), Z28 showed the highest centralities of degree and closeness, 3.54 and 0.95, respectively, and its betweenness centrality ranked second among all smallholders. The reason for this was that Z28 was much older than other smallholders who adopted the farmland trusteeship service, and he received more help from neighbors or their relatives during the production process.

For the machinery-sharing relationship (Figure. 5d), H16, H32, and H2 ranked as the top three centralities. Among them, H16 owned a combine harvester machine, and he was responsible for helping villagers harvesting wheat and corn in the village. H32 owned a seeding machine, and he was responsible for helping villagers sowing food crops in the village. H2 owned a rotary plow, which was responsible for loosening and turning the soil. The difference in the number of machines owned within the village, and the personal relationships in the rural community, resulted in different sizes of centrality for the three members. Numerically, H16 had the highest centrality due to the high levels of labor required during harvesting.

In the kinship network (Figure. 5e), H60 showed the highest centralities of degree, closeness, and betweenness, 3.54, 0.97, and 0.54, respectively. This was because H60 was the eldest of the smallholders who adopted farmland trusteeship service, and more relatives in the younger generations of H60's family adopted farmland trusteeship service, thereby forming the most kinship connections with him.

The centralities of degree and betweenness in the synthetic social network (Figure. 5f) were larger, with H16 attaining 46.02 and 10.67, respectively, and with H16, H32, H2, and Z10 occupying the top four places of centrality. Collectively, it seems that these four smallholders had a greater influence and status within the cooperative. They played an important role both in the degree of connection with other smallholders and as the most convenient medium for smallholders to connect with each other.

To observe the differences in each village within the cooperative, this paper separately calculated network centrality for the smallholders who adopted farmland trusteeship service in both Zhusihuang and Hegouzhao. The centrality of each smallholder was ranked from largest to smallest. Tables S1 and S2 show the top five rankings of smallholders in the villages of Zhusihuang and Hegouzhao, respectively.

In Zhusihuang, Z7 showed the highest centralities of degree, closeness, and betweenness in the neighborship network. Similarly, Z22 in the adjoining land relationship, Z8 in the kinship network, Z9 in the labor-sharing relationship network, and Z10 in the mechanical-sharing relationship all showed the highest centralities. These smallholders were in central positions within their networks, meaning that not only were they connected to the most smallholders in different networks, but they were also located on the shortest path of communication among the smallholders who adopted farmland trusteeship service, and they were spatially closer to

the geometric center of the network. In the synthetic social network (Figure 4), all of Z10's three centrality degrees were much larger than those in second place, similar to the machinery network.

Table S1. The top five smallholders of the three centralities of Zhusihuang in six relationships

	Smallholders	NR	Smallholders	ALR	Smallholders	LSR	Smallholders	MSR	Smallholders	KR	Smallholders	SR
Degree centrality	Z7	19.05	Z22	4.76	Z28	9.52	Z10	90.48	Z8	7.14	Z10	90.48
	Z23	14.29	Z23	4.76	Z9	7.14	Z15	38.10	Z33	7.14	Z34	42.86
	Z13	14.29	Z21	4.76	Z8	7.14	Z34	35.71	Z38	4.76	Z15	40.48
	Z16	14.29	Z20	4.76	Z37	7.14	Z12	33.33	Z11	4.76	Z12	35.71
	Z38	11.91	Z24	4.76	Z31	7.14	Z23	7.14	Z27	4.76	Z23	26.19
Closeness centrality	Z7	17.43	Z22	9.09	Z9	2.92	Z10	20	Z33	2.563	Z10	91.30
	Z12	16.87	Z23	9.07	Z37	2.92	Z15	18.10	Z9	2.561	Z34	63.64
	Z6	16.60	Z21	9.07	Z28	2.92	Z34	18.03	Z31	2.559	Z15	62.69
	Z13	16.54	Z20	9.01	Z34	2.91	Z12	17.95	Z32	2.559	Z12	60
	Z20	16.41	Z24	9.01	Z31	2.91	Z23	17.14	Z13	2.559	Z23	57.53
Betweenness centrality	Z7	27.58	Z22	51.22	Z9	2.32	Z10	61.10	Z33	0.470	Z10	41.83
	Z38	17.67	Z23	51.10	Z37	2.09	Z15	5.96	Z9	0.35	Z34	8.68
	Z12	16.76	Z21	51.10	Z28	2.09	Z34	5.05	Z8	0.23	Z15	5.96
	Z11	15.73	Z20	50.76	Z31	1.63	Z12	4.39	Z5	0.23	Z12	3.66
	Z17	15.10	Z24	50.76	Z23	0.23	Z23	0.02	Z4	0.23	Z31	2.28

Note: NR, ALR, LSR, MSR, KR, SR indicate neighbor relationship, adjoining-land relationship, labor-sharing relationship, mechanical-sharing relationship, kinship, synthetic relationship, respectively.

In Hegouzhao, the highest degree of centrality appeared in H13. The high values of betweenness and closeness centralities for H11. In the adjoining land relationship, H46's three centralities were prominent in Hegouzhao. In the labor-sharing relationship, H12 showed the highest centralities. In the kinship network, the highest value of centrality was H60. In the mechanical-sharing relationship, as machinery owners in this village, H16, H32, H2, and H36 were at the core of the machinery-sharing network, and their mediating role in this network was obvious. In the synthetic social network, the four smallholders who owned the machinery still had higher centrality; this was similar to Zhusihuang in that the connection among the smallholders was mainly reflected in machinery sharing.

By calculating the centrality of each smallholder of the two villages and the cooperative, it was found that the centrality of the smallholders within single village was larger than that of the cooperative. This proves that the social network intensity of smallholders within single village is stronger than the cross-village cooperative. The network of smallholders did not break the village boundaries, and hypothesis 3 is disproven.

Table S2 The top five smallholders of the three centralities of Hegouzhao in six relationships

	Smallholders	NR	Smallholders	ALR	Smallholders	LSR	Smallholders	MSR	Smallholders	KR	Smallholders	SR
Degree centrality	H13	10	H46	5.71	H12	5.71	H16	72.86	H60	5.71	H16	74.29
	H12	8.57	Z43	5.71	H40	4.29	H32	65.71	H36	5.71	H32	71.43
	H16	8.57	H54	4.29	H33	2.86	H2	57.14	H13	5.71	H2	60
	H18	8.57	H56	4.29	H41	2.86	H36	32.86	H16	5.71	H36	40
	H10	7.14	H5	2.86	H9	2.86	H8	5.71	H26	4.29	H13	18.57

Closeness centrality	H33	3.54	H46	8.69	H12	1.54	H16	9.86	H60	1.66	H16	79.55
	H36	3.54	H56	8.51	H9	1.54	H32	9.79	H36	1.66	H32	77.78
	H11	3.54	H5	8.35	H21	1.54	H2	9.70	H33	1.66	H2	71.43
	H16	3.53	H41	8.33	H18	1.54	H36	9.47	H41	1.66	H36	60.87
	H38	3.53	H7	8.32	H16	1.54	H8	9.25	H50	1.66	H13	53.85
Betweenness centrality	H16	12.74	H46	51.80	H12	0.54	H16	30.63	H60	1.41	H16	27.96
	H11	12.45	H7	31.68	H40	0.29	H32	22.76	H36	1.28	H32	23.99
	H44	12.09	Z43	30.81	H33	0.25	H2	15.97	H13	1.20	H2	17.53
	H38	10.79	H16	30.15	H41	0.25	H36	6.86	H41	0.99	H36	7.18
	H33	9.49	H63	28.53	H36	0.25	H8	0.03	H2	0.99	H47	2.70

Note: NR, ALR, LSR, MSR, KR, SR indicate neighbor relationship, adjoining-land relationship, labor-sharing relationship, mechanical-sharing relationship, kinship, synthetic relationship, respectively.

Table S3 Smallholders' centralities in the cooperative (neighbor, adjoining-land relationship, labor-sharing relationship)

Smallholders	Neighbor relationship			Adjoining land relationship			Labor-sharing relationship		
	Degree centrality	Closeness centrality	Betweenness centrality	Degree centrality	Closeness centrality	Betweenness centrality	Degree centrality	Closeness centrality	Betweenness centrality
H1	1.77	1.408	0	1.77	1.864	6.637	0.885	0.885	0
H2	3.54	1.412	3.195	1.77	1.836	2.078	0.885	0.885	0
H3	2.655	1.412	2.863	1.77	1.839	2.26	0	0	0
H4	2.655	1.413	2.961	1.77	1.846	8.85	0.885	0.885	0
H5	0.885	1.404	0	1.77	1.853	2.987	0	0	0
H6	2.655	1.414	0.839	1.77	1.911	10.446	0	0	0
H7	3.54	1.415	2.105	1.77	1.873	10.24	0.885	0.885	0
H8	1.77	1.416	0	1.77	1.91	12.089	0.885	0.925	0
H9	4.425	1.417	2.087	0.885	1.692	0	1.77	0.926	0.079
H10	4.425	1.417	1.347	1.77	1.833	1.952	0	0	0
H11	4.425	1.42	4.751	1.77	1.847	5.752	0	0	0
H12	5.31	1.419	3.276	1.77	1.837	5.215	3.54	0.926	0.205
H13	6.195	1.415	0.91	1.77	1.863	3.524	0	0	0
H14	3.54	1.411	0.132	1.77	1.875	7.174	0	0	0
H15	2.655	1.416	0.177	1.77	1.853	2.987	0.885	0.893	0
H16	5.31	1.419	4.861	1.77	1.899	11.504	0.885	0.925	0
H17	4.425	1.416	0.73	1.77	1.827	4.678	0.885	0.925	0
H18	5.31	1.413	0.695	1.77	1.854	6.1	0.885	0.925	0
H19	2.655	1.408	0	1.77	1.843	5.563	0	0	0
H20	1.77	1.412	0	1.77	1.868	6.827	1.77	0.893	0.016
H21	3.54	1.413	0.93	1.77	1.813	3.951	1.77	0.926	0.079
H22	0.885	1.405	0	1.77	1.79	2.663	0	0	0
H23	0.885	0.885	0	1.77	1.708	1.027	0.885	0.885	0
H24	0.885	0.885	0	1.77	1.881	4.441	0.885	0.885	0
H25	0	0	0	1.77	1.833	5.025	0.885	0.893	0
H26	0.885	0.885	0	1.77	1.741	2.987	0	0	0
H27	0.885	0.885	0	1.77	1.792	2.789	0	0	0
H28	0	0	0	1.77	1.725	2.023	0	0	0
H29	0	0	0	1.77	1.832	8.107	0	0	0
H30	0.885	1.41	0	1.77	1.803	3.413	0.885	0.917	0

H31	0	0	0	1.77	0.901	0.008	0	0	0
H32	3.54	1.418	1.38	1.77	1.757	3.919	1.77	0.917	0.063
H33	4.425	1.42	3.622	1.77	0.901	0.008	1.77	0.917	0.095
H34	3.54	1.418	1.649	1.77	1.794	2.876	0	0	0
H35	1.77	1.411	2.592	1.77	1.773	4.82	0.885	0.917	0
H36	3.54	1.42	3.073	1.77	1.795	2.947	1.77	0.917	0.095
H37	3.54	1.418	3.419	1.77	0.901	0.008	1.77	0.917	0.063
H38	3.54	1.419	4.118	1.77	1.9	8.439	0.885	0.917	0
H39	0.885	1.409	0	1.77	1.823	4.488	0.885	0.917	0
H40	3.54	1.417	2.216	1.77	1.867	3.714	2.655	0.917	0.111
H41	2.655	1.417	1.521	1.77	1.911	8.976	1.77	0.917	0.095
H42	2.655	1.415	3.286	1.77	1.803	3.382	1.77	0.917	0.063
H43	1.77	1.413	3.144	1.77	1.885	1.185	0.885	0.917	0
H44	2.655	1.413	4.614	1.77	0.901	0.008	1.77	0.893	0
H45	1.77	1.406	2.592	3.54	1.922	19.769	1.77	0.893	0
H46	1.77	1.412	2.851	1.77	1.798	3.137	1.77	0.893	0
H47	1.77	1.4	1.991	1.77	1.878	4.251	0	0	0
H48	1.77	1.393	1.359	1.77	1.873	0.601	0	0	0
H49	1.77	1.386	0.695	1.77	1.907	5.705	0	0	0
H50	0.885	1.378	0	1.77	1.808	3.698	0	0	0
H51	0.885	0.909	0	1.77	1.803	6.527	0	0	0
H52	2.655	0.909	0.047	2.655	1.904	10.461	0.885	0.885	0
H53	2.655	0.909	0.047	1.77	1.907	10.24	0.885	0.885	0
H54	0.885	0.909	0	1.77	1.916	10.683	0	0	0
H55	1.77	0.909	0	1.77	1.839	2.236	0	0	0
H56	0	0	0	1.77	1.869	0.411	0	0	0
H57	0.885	0.885	0	1.77	1.817	4.14	0.885	0.885	0
H58	0.885	0.885	0	1.77	1.892	4.978	0.885	0.885	0
H59	1.77	1.397	0	1.77	1.889	7.901	0	0	0
H60	2.655	1.397	0.008	1.77	1.842	2.426	0.885	0.893	0
H61	3.54	1.405	1.999	1.77	1.886	10.888	1.77	0.893	0.016
H62	1.77	1.397	0	1.77	1.885	7.712	0.885	0.893	0
H63	0.885	0.885	0	1.77	1.788	5.689	0.885	0.885	0
H64	0.885	0.885	0	1.77	1.899	8.502	0.885	0.885	0
H65	0	0	0	1.77	1.86	9.561	0	0	0
H66	0.885	0.909	0	1.77	1.878	7.364	0	0	0
H67	0.885	0.909	0	1.77	1.857	6.29	0	0	0
H68	2.655	0.909	0.079	1.77	1.877	0.806	0.885	0.885	0
H69	1.77	0.909	0.047	1.77	1.847	2.671	0.885	0.885	0
H70	0.885	0.909	0	3.54	1.896	11.757	0	0	0
H71	0	0	0	1.77	1.818	7.332	0	0	0
Z1	3.54	1.315	0.209	0.885	1.256	0	0	0	0
Z2	1.77	1.313	0	1.77	1.262	0.648	2.655	0.951	0
Z3	1.77	1.309	0	1.77	1.267	1.264	0.885	0.893	0
Z4	2.655	1.319	1.747	1.77	1.273	1.849	0	0	0
Z5	2.655	1.31	0.563	1.77	1.278	2.402	0.885	0.885	0
Z6	2.655	1.32	1.832	1.77	1.282	2.924	0.885	0.885	0
Z7	7.08	1.322	3.752	1.77	1.287	3.413	1.77	0.893	0
Z8	4.425	1.319	1.469	1.77	1.291	3.872	2.655	0.951	0
Z9	3.54	1.319	0.57	1.77	1.295	4.298	2.655	0.952	0.316
Z10	2.655	1.315	2	1.77	1.299	4.693	0	0	0

Z11	4.425	1.319	2.14	1.77	1.302	5.057	1.77	0.901	0.032
Z12	3.54	1.321	2.281	1.77	1.305	5.389	1.77	0.893	0
Z13	5.31	1.32	1.303	1.77	1.308	5.689	1.77	0.951	0
Z14	4.425	1.316	0.206	1.77	1.311	5.958	0.885	0.901	0
Z15	1.77	1.316	0.702	1.77	1.313	6.195	0.885	0.885	0
Z16	5.31	1.318	1.357	1.77	1.315	6.4	1.77	0.951	0
Z17	2.655	1.317	2.054	1.77	1.317	6.574	0.885	0.885	0
Z18	2.655	1.313	1.311	1.77	1.318	6.716	1.77	0.893	0.016
Z19	1.77	1.311	0	1.77	1.319	6.827	0.885	0.885	0
Z20	2.655	1.32	1.399	1.77	1.32	6.906	1.77	0.893	0
Z21	1.77	1.31	0.601	1.77	1.321	6.953	0.885	0.885	0
Z22	0	0	0	1.77	1.321	6.969	0	0	0
Z23	5.31	1.316	0.355	1.77	1.321	6.953	1.77	0.901	0.032
Z24	0	0	0	1.77	1.32	6.906	0.885	0.893	0
Z25	1.77	1.307	0	1.77	1.319	6.827	0.885	0.885	0
Z26	2.655	1.318	1.932	1.77	1.318	6.716	0.885	0.885	0
Z27	1.77	1.313	0	1.77	1.317	6.574	2.655	0.951	0
Z28	2.655	1.317	0.967	1.77	1.315	6.4	3.54	0.952	0.284
Z29	1.77	1.317	1.12	1.77	1.313	6.195	0	0	0
Z30	2.655	1.315	1.311	1.77	1.311	5.958	0.885	0.901	0
Z31	4.425	1.317	0.361	1.77	1.308	5.689	2.655	0.951	0.221
Z32	1.77	1.313	0	1.77	1.305	5.389	0	0	0
Z33	0.885	1.309	0	1.77	1.302	5.057	0	0	0
Z34	3.54	1.319	0.197	1.77	1.299	4.693	1.77	0.951	0
Z35	0	0	0	1.77	1.295	4.298	0	0	0
Z36	2.655	1.309	0.486	1.77	1.291	3.872	0.885	0.885	0
Z37	3.54	1.318	0.25	1.77	1.287	3.413	2.655	0.952	0.284
Z38	4.425	1.316	2.405	1.77	1.282	2.924	0	0	0
Z39	3.54	1.315	1.858	1.77	1.278	2.402	0	0	0
Z40	0.885	1.309	0	1.77	1.273	1.849	0	0	0
Z41	2.655	1.311	0.938	1.77	1.267	1.264	0.885	0.885	0
Z42	0.885	1.304	0	1.77	1.262	0.648	0.885	0.885	0
Z43	1.77	1.311	0	0.885	1.256	0	0.885	0.885	0

Table S4 Smallholders' centralities in the cooperative (kinship, mechanical-sharing relationship, synthetic relationship).

Smallholders	Kinship			Mechanical-sharing relationship			Synthetic relationship		
	Degree centrality	Closeness centrality	Betweenness centrality	Degree centrality	Closeness centrality	Betweenness centrality	Degree centrality	Closeness centrality	Betweenness centrality
H1	0	0	0	1.77	1.867	0	4.425	2.239	0.011
H2	1.77	0.961	0.379	35.398	1.88	6.096	37.168	2.26	6.691
H3	0	0	0	2.655	1.868	0	6.195	2.241	0.052
H4	0.885	0.885	0	1.77	1.867	0	6.195	2.24	0.077
H5	1.77	0.96	0.332	0	0	0	3.54	2.234	0.158
H6	0.885	0.967	0	2.655	1.868	0	7.08	2.242	0.07
H7	0.885	0.901	0	1.77	1.866	0	7.965	2.24	0.163
H8	1.77	0.969	0.284	3.54	1.869	0.006	8.85	2.244	0.114
H9	1.77	0.893	0.016	2.655	1.868	0	9.735	2.243	0.14
H10	1.77	0.96	0	0	0	0	7.965	2.241	0.095
H11	0	0	0	1.77	1.867	0	7.08	2.243	0.5
H12	0.885	0.893	0	2.655	1.868	0	8.85	2.243	0.086

H13	3.54	0.961	0.458	1.77	1.867	0	11.504	2.246	0.425
H14	0	0	0	2.655	1.868	0	7.965	2.242	0.123
H15	0.885	0.893	0	2.655	1.868	0	6.195	2.242	0.03
H16	3.54	0.96	0.253	45.133	1.884	11.689	46.018	2.265	10.671
H17	1.77	0.901	0	2.655	1.868	0	8.85	2.243	0.145
H18	0	0	0	2.655	1.868	0	8.85	2.243	0.101
H19	0	0	0	1.77	1.867	0	5.31	2.24	0.028
H20	1.77	0.893	0.016	2.655	1.868	0	6.195	2.242	0.438
H21	0.885	0.885	0	1.77	1.868	0	7.965	2.241	0.086
H22	1.77	0.901	0	1.77	1.866	0	6.195	2.239	0.049
H23	0.885	0.885	0	2.655	1.868	0	6.195	2.241	0.053
H24	0.885	0.893	0	2.655	1.869	0.006	6.195	2.242	0.041
H25	0.885	0.893	0	2.655	1.868	0	5.31	2.241	0.039
H26	2.655	0.901	0.032	2.655	1.869	0.006	7.965	2.243	0.123
H27	1.77	0.96	0	1.77	1.867	0	5.31	2.241	0.05
H28	0	0	0	1.77	1.867	0	3.54	2.238	0.004
H29	0.885	0.885	0	1.77	1.868	0	3.54	2.24	0.243
H30	0.885	0.893	0	3.54	1.869	0.006	6.195	2.242	0.051
H31	0	0	0	0	0	0	1.77	2.217	0.003
H32	0.885	0.96	0	40.708	1.882	8.686	44.248	2.264	9.154
H33	1.77	0.969	0	3.54	1.869	0.006	8.85	2.244	0.681
H34	0	0	0	0	0	0	5.31	2.238	0.027
H35	0	0	0	1.77	1.868	0	4.425	2.24	0.362
H36	3.54	0.97	0.49	20.354	1.875	2.619	24.779	2.252	2.741
H37	0.885	0.893	0	2.655	1.868	0	7.965	2.243	0.135
H38	1.77	0.893	0.016	2.655	1.868	0	8.85	2.243	0.096
H39	0.885	0.893	0	2.655	1.868	0	6.195	2.241	0.028
H40	0	0	0	3.54	1.869	0.006	8.85	2.243	0.078
H41	1.77	0.969	0.379	1.77	1.868	0	7.08	2.241	0.056
H42	0.885	0.968	0	3.54	1.869	0.006	8.85	2.243	0.085
H43	0	0	0	1.77	1.868	0	5.31	2.241	0.043
H44	1.77	0.969	0.158	2.655	1.868	0	8.85	2.243	0.574
H45	0.885	0.969	0	1.77	1.866	0	7.965	2.24	0.128
H46	0	0	0	1.77	1.867	0	5.31	2.241	0.017
H47	1.77	0.893	0.016	3.54	1.869	0.006	8.85	2.244	1.031
H48	0	0	0	2.655	1.868	0	6.195	2.243	0.41
H49	0.885	0.893	0	2.655	1.868	0	7.08	2.243	0.382
H50	1.77	0.969	0.284	2.655	1.868	0	7.08	2.243	0.061
H51	1.77	0.959	0	2.655	1.868	0	6.195	2.242	0.798
H52	0.885	0.969	0	1.77	1.867	0	7.08	2.241	0.136
H53	0	0	0	1.77	1.867	0	5.31	2.239	0.029
H54	1.77	0.968	0.158	2.655	1.868	0	6.195	2.241	0.048
H55	1.77	0.959	0	2.655	1.868	0	7.08	2.243	0.382
H56	0.885	0.893	0	0	0	0	2.655	2.217	0.041
H57	0	0	0	1.77	1.867	0	4.425	2.239	0.244
H58	0	0	0	0	0	0	2.655	2.216	0.014
H59	1.77	0.893	0.016	1.77	1.867	0	7.08	2.241	0.14
H60	3.54	0.97	0.537	2.655	1.868	0	9.735	2.244	0.409
H61	0	0	0	0.885	1.865	0	5.31	2.238	0.083
H62	0	0	0	1.77	1.867	0	5.31	2.241	0.065
H63	0	0	0	0	0	0	2.655	2.216	0.023
H64	0.885	0.893	0	0.885	1.865	0	4.425	2.238	0.242
H65	0	0	0	2.655	1.868	0	4.425	2.24	0.024
H66	1.77	0.96	0	1.77	1.867	0	5.31	2.24	0.171

H67	0	0	0	0	0	0	2.655	2.217	0.037
H68	0	0	0	0.885	1.856	0	5.31	2.231	0.371
H69	0	0	0	0.885	1.861	0	4.425	2.235	0.144
H70	0	0	0	2.655	1.868	0	7.08	2.243	0.382
H71	2.655	0.96	0.253	0	0	0	3.54	2.217	0.055
Z1	0.885	0.885	0	0	0	0	5.31	1.38	0.082
Z2	0	0	0	1.77	1.31	0	6.195	1.383	0.155
Z3	1.77	0.893	0	1.77	1.31	0	7.08	1.383	0.095
Z4	1.77	0.901	0.032	1.77	1.31	0	7.08	1.382	0.076
Z5	1.77	0.901	0.032	0.885	1.31	0	6.195	1.382	0.08
Z6	0	0	0	0.885	1.31	0	4.425	1.382	0.022
Z7	0	0	0	2.655	1.31	0.003	8.85	1.383	0.161
Z8	2.655	0.901	0.032	1.77	1.31	0	7.08	1.383	0.089
Z9	1.77	0.909	0.047	1.77	1.31	0	7.08	1.383	0.095
Z10	0	0	0	33.628	1.316	8.313	33.628	1.388	5.691
Z11	1.77	0.901	0	1.77	1.31	0	7.08	1.383	0.193
Z12	1.77	0.893	0.016	12.389	1.312	0.598	13.274	1.384	0.499
Z13	0.885	0.909	0	1.77	1.31	0	7.965	1.383	0.079
Z14	0	0	0	1.77	1.31	0	7.08	1.383	0.129
Z15	1.77	0.893	0	14.159	1.312	0.811	15.044	1.385	0.811
Z16	1.77	0.893	0	1.77	1.31	0	7.965	1.383	0.094
Z17	1.77	0.893	0	1.77	1.31	0	4.425	1.382	0.019
Z18	0.885	0.893	0	1.77	1.31	0	7.08	1.383	0.118
Z19	0.885	0.901	0	1.77	1.31	0	6.195	1.382	0.059
Z20	0.885	0.885	0	1.77	1.31	0	6.195	1.383	0.073
Z21	0.885	0.901	0	1.77	1.31	0	5.31	1.382	0.049
Z22	0.885	0.893	0	2.655	1.31	0.005	5.31	1.382	0.031
Z23	0	0	0	2.655	1.31	0.003	9.735	1.384	0.287
Z24	0	0	0	1.77	1.31	0	4.425	1.382	0.027
Z25	0.885	0.885	0	2.655	1.31	0.003	7.08	1.383	0.209
Z26	1.77	0.893	0.016	1.77	1.31	0	7.08	1.383	0.129
Z27	1.77	0.901	0	0.885	1.31	0	5.31	1.382	0.036
Z28	0.885	0.901	0	2.655	1.31	0.003	7.965	1.383	0.138
Z29	1.77	0.893	0.016	2.655	1.31	0.005	7.08	1.383	0.199
Z30	0.885	0.893	0	0	0	0	4.425	1.38	0.078
Z31	1.77	0.909	0	1.77	1.31	0	8.85	1.383	0.31
Z32	1.77	0.909	0	2.655	1.31	0.003	6.195	1.383	0.087
Z33	2.655	0.909	0.063	0	0	0	4.425	1.38	0.044
Z34	0	0	0	13.274	1.312	0.687	15.929	1.385	1.181
Z35	0	0	0	0	0	0	1.77	1.379	0
Z36	0	0	0	2.655	1.31	0.003	7.08	1.383	0.285
Z37	1.77	0.893	0	1.77	1.31	0	7.965	1.383	0.119
Z38	1.77	0.893	0	1.77	1.31	0	7.965	1.383	0.141
Z39	0.885	0.885	0	1.77	1.31	0	5.31	1.382	0.135
Z40	0.885	0.893	0	2.655	1.31	0.003	5.31	1.383	0.054
Z41	0.885	0.893	0	1.77	1.31	0	6.195	1.383	0.173
Z42	0.885	0.893	0	1.77	1.31	0	4.425	1.382	0.034
Z43	0	0	0	2.655	1.31	0.003	5.31	1.382	0.055