

Table S1. The statistical results of each participant's scores on Question 3.

P1									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	10.99	10.99	9.55	24.86	18.20	17.12	8.29	4.13	1.77
Story Forest	6.68	13.22	9.62	21.20	18.16	21.20	9.91	4.34	1.74
EventKG	3.26	6.49	12.96	27.92	27.00	15.38	6.99	4.43	1.42
EventNET	4.20	7.42	10.14	20.40	21.76	22.25	13.84	4.70	1.62
LSH-GEFR	2.47	2.84	8.90	18.54	23.24	29.91	14.09	5.03	1.43
P2									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	9.55	9.55	14.05	24.68	17.66	17.12	7.39	4.12	1.70
Story Forest	6.94	13.55	11.55	19.21	18.82	19.67	10.27	4.30	1.76
EventKG	2.90	6.83	13.79	27.28	27.81	13.93	7.47	4.42	1.42
EventNET	5.32	6.30	12.48	20.02	20.89	22.13	12.86	4.63	1.65
LSH-GEFR	2.84	5.69	7.05	15.45	23.86	28.55	16.56	5.04	1.53
P3									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	8.65	12.25	11.71	25.23	19.64	14.05	8.47	4.11	1.70
Story Forest	6.22	12.83	11.55	20.09	18.82	21.01	9.49	4.33	1.72
EventKG	3.26	7.08	13.12	27.61	27.11	14.57	7.24	4.41	1.43
EventNET	3.83	5.56	11.37	22.13	23.36	22.37	11.37	4.68	1.54
LSH-GEFR	4.08	2.97	10.26	15.08	25.59	26.33	15.70	4.97	1.54
P4									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	8.47	10.81	12.43	24.50	21.08	16.22	6.49	4.14	1.66
Story Forest	5.76	13.65	12.34	20.65	17.51	20.78	9.33	4.30	1.72
EventKG	3.01	6.88	12.98	29.34	25.38	14.66	7.75	4.42	1.43
EventNET	3.83	6.18	10.01	20.77	20.89	23.49	14.83	4.78	1.60

LSH-GEFR	3.09	2.84	8.90	16.81	24.10	25.96	18.29	5.07	1.50
P5									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	10.09	12.61	12.61	18.56	17.66	19.10	9.37	4.16	1.82
Story Forest	5.86	14.10	10.90	21.01	18.91	21.01	8.21	4.29	1.70
EventKG	2.79	6.60	13.40	28.11	26.14	15.63	7.33	4.44	1.41
EventNET	4.45	7.17	10.26	21.76	21.63	21.63	13.10	4.66	1.62
LSH-GEFR	2.84	2.72	9.02	18.17	24.10	26.45	16.69	5.04	1.47
P6									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	10.81	11.53	12.61	23.42	19.46	13.69	8.47	4.04	1.75
Story Forest	5.46	14.30	11.55	20.45	18.68	19.50	10.05	4.31	1.72
EventKG	3.18	6.60	13.49	26.39	28.17	14.60	7.58	4.44	1.43
EventNET	4.33	5.81	10.63	24.85	18.42	22.37	13.60	4.69	1.60
LSH-GEFR	3.34	3.09	7.29	16.07	24.10	29.67	16.44	5.09	1.49
P7									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	10.63	13.51	10.09	22.70	18.74	17.12	7.21	4.06	1.77
Story Forest	6.71	12.86	11.71	19.18	19.01	19.86	10.67	4.33	1.75
EventKG	3.32	6.83	13.32	28.03	27.22	14.04	7.24	4.40	1.42
EventNET	4.45	7.05	10.26	20.40	22.50	22.99	12.36	4.68	1.61
LSH-GEFR	3.58	2.84	9.15	15.95	22.25	28.43	17.80	5.07	1.53
P8									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	11.35	12.43	12.79	24.86	15.86	14.95	7.75	3.97	1.76
Story Forest	6.81	13.48	11.71	20.39	17.90	20.52	9.20	4.27	1.74
EventKG	3.37	5.85	14.63	27.58	26.30	14.41	7.86	4.42	1.43
EventNET	4.08	6.92	9.64	18.79	23.36	23.61	13.60	4.76	1.60
LSH-GEFR	3.09	3.46	7.42	12.61	26.82	29.05	17.55	5.14	1.48

P9									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	6.31	11.89	10.81	25.23	22.70	14.05	9.01	4.24	1.64
Story Forest	6.22	14.76	11.19	20.39	18.39	19.54	9.52	4.27	1.74
EventKG	3.29	7.16	14.29	27.39	26.27	14.46	7.13	4.38	1.44
EventNET	5.32	6.18	11.25	19.16	19.53	23.49	15.08	4.72	1.68
LSH-GEFR	1.85	3.83	8.53	15.08	25.96	26.70	18.05	5.12	1.45
P10									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	11.71	13.51	9.55	24.68	18.38	13.51	8.65	4.00	1.79
Story Forest	6.97	13.42	11.09	20.29	18.36	20.68	9.20	4.28	1.74
EventKG	3.20	7.80	13.82	27.22	27.00	13.99	6.97	4.37	1.44
EventNET	4.20	8.53	9.52	19.28	22.87	21.88	13.72	4.69	1.64
LSH-GEFR	2.60	3.34	7.91	16.44	22.00	28.31	19.41	5.14	1.49
P11									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	10.27	12.43	8.11	27.57	20.00	14.59	7.03	4.06	1.71
Story Forest	5.89	13.25	11.78	21.20	18.39	20.26	9.23	4.31	1.71
EventKG	3.01	6.88	12.90	27.61	28.06	14.71	6.83	4.42	1.41
EventNET	4.94	6.80	10.75	20.77	22.25	21.88	12.61	4.65	1.62
LSH-GEFR	3.58	3.96	8.16	15.33	24.23	27.81	16.93	5.04	1.54
P12									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	9.55	11.89	11.35	23.06	20.18	15.86	8.11	4.12	1.73
Story Forest	6.64	13.06	11.78	21.01	18.26	19.50	9.75	4.29	1.73
EventKG	3.43	6.60	13.15	27.31	28.36	13.35	7.80	4.42	1.43
EventNET	3.58	6.06	11.12	20.52	22.62	23.11	12.98	4.74	1.57
LSH-GEFR	3.58	4.33	9.64	15.57	25.34	25.09	16.44	4.96	1.55

Table S2. The statistical results of each participant's scores on Question 4.

P1									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	6.90	3.45	9.48	26.72	35.34	12.93	5.17	4.40	1.43
Story Forest	10.34	10.34	15.52	27.59	17.24	12.07	6.90	3.95	1.67
EventKG	9.48	11.21	12.93	15.52	26.72	18.10	6.03	4.17	1.71
EventNET	3.45	6.90	6.90	21.55	20.69	23.28	17.24	4.88	1.60
LSH-GEFR	7.76	4.31	10.34	15.52	20.69	25.00	16.38	4.78	1.75
P2									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	2.59	5.17	16.38	23.28	31.03	17.24	4.31	4.44	1.34
Story Forest	9.48	12.07	14.66	25.86	12.07	18.10	7.76	4.04	1.74
EventKG	11.21	11.21	7.76	27.59	22.41	14.66	5.17	4.03	1.68
EventNET	9.48	11.21	12.93	14.66	11.21	20.69	19.83	4.48	1.98
LSH-GEFR	3.45	6.03	8.62	14.66	23.28	25.00	18.97	4.99	1.61
P3									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	3.45	0.86	18.10	28.45	28.45	17.24	3.45	4.43	1.27
Story Forest	8.62	12.93	13.79	20.69	18.10	15.52	10.34	4.15	1.77
EventKG	6.90	8.62	15.52	27.59	15.52	16.38	9.48	4.23	1.65
EventNET	5.17	10.34	14.66	12.93	18.10	19.83	18.97	4.64	1.82
LSH-GEFR	3.45	4.31	12.07	12.07	25.00	22.41	20.69	5.01	1.61
P4									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	5.17	10.34	12.93	29.31	22.41	11.21	8.62	4.22	1.55
Story Forest	6.90	10.34	18.97	19.83	15.52	22.41	6.03	4.18	1.67
EventKG	8.62	9.48	11.21	27.59	20.69	14.66	7.76	4.17	1.65
EventNET	5.17	11.21	11.21	16.38	15.52	20.69	19.83	4.67	1.83

LSH-GEFR	6.03	6.90	12.93	19.83	15.52	20.69	18.10	4.66	1.77
P5									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	6.90	4.31	14.66	27.59	21.55	14.66	10.34	4.38	1.59
Story Forest	11.21	15.52	12.07	25.00	8.62	19.83	7.76	3.95	1.82
EventKG	12.93	12.07	15.52	22.41	18.97	12.07	6.03	3.83	1.73
EventNET	4.31	11.21	12.93	13.79	19.83	19.83	18.10	4.66	1.78
LSH-GEFR	5.17	2.59	8.62	21.55	19.83	22.41	19.83	4.95	1.62
P6									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	5.17	7.76	12.93	28.45	25.86	13.79	6.03	4.28	1.48
Story Forest	8.62	17.24	16.38	16.38	15.52	18.10	7.76	3.98	1.79
EventKG	12.07	11.21	11.21	20.69	17.24	14.66	12.93	4.16	1.88
EventNET	4.31	8.62	7.76	17.24	16.38	25.00	20.69	4.91	1.74
LSH-GEFR	6.03	6.03	7.76	14.66	24.14	24.14	17.24	4.86	1.70
P7									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	4.31	4.31	12.93	25.86	30.17	14.66	7.76	4.48	1.43
Story Forest	6.03	23.28	13.79	25.00	8.62	15.52	7.76	3.84	1.73
EventKG	12.07	12.07	10.34	31.03	15.52	11.21	7.76	3.91	1.72
EventNET	5.17	6.03	12.07	16.38	18.97	22.41	18.97	4.81	1.72
LSH-GEFR	2.59	7.76	5.17	19.83	24.14	22.41	18.10	4.95	1.57
P8									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	3.45	5.17	17.24	27.59	23.28	12.07	11.21	4.43	1.49
Story Forest	9.48	17.24	13.79	18.97	17.24	15.52	7.76	3.95	1.78
EventKG	12.93	10.34	12.07	28.45	14.66	15.52	6.03	3.92	1.73
EventNET	6.03	9.48	12.93	13.79	17.24	18.97	21.55	4.70	1.85
LSH-GEFR	4.31	6.90	12.93	12.93	19.83	20.69	22.41	4.89	1.75

P9									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	4.31	3.45	17.24	24.14	31.03	12.07	7.76	4.41	1.42
Story Forest	7.76	12.07	10.34	21.55	13.79	21.55	12.93	4.38	1.82
EventKG	10.34	15.52	13.79	25.86	12.93	15.52	6.03	3.86	1.72
EventNET	4.31	3.45	10.34	18.97	23.28	21.55	18.10	4.91	1.59
LSH-GEFR	2.59	10.34	10.34	14.66	27.59	21.55	12.93	4.71	1.60
P10									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	2.59	7.76	13.79	28.45	23.28	18.97	5.17	4.40	1.41
Story Forest	9.48	12.93	18.10	15.52	17.24	18.10	8.62	4.07	1.79
EventKG	10.34	12.07	15.52	24.14	18.97	13.79	5.17	3.91	1.66
EventNET	8.62	10.34	10.34	14.66	14.66	19.83	21.55	4.62	1.95
LSH-GEFR	2.59	2.59	6.03	19.83	25.00	27.59	16.38	5.10	1.42
P11									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	1.72	3.45	10.34	22.41	37.93	18.10	6.03	4.70	1.25
Story Forest	12.07	18.97	12.93	18.97	12.93	18.10	6.03	3.80	1.83
EventKG	10.34	14.66	9.48	25.86	21.55	12.07	6.03	3.94	1.69
EventNET	3.45	7.76	10.34	23.28	15.52	20.69	18.97	4.78	1.68
LSH-GEFR	5.17	7.76	6.90	17.24	25.00	20.69	17.24	4.80	1.68
P12									
Method	1(%)	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	M	SD
LDA+TO	1.72	10.34	12.07	25.00	31.03	11.21	8.62	4.41	1.43
Story Forest	8.62	18.97	12.07	20.69	12.07	21.55	6.03	3.97	1.78
EventKG	8.62	17.24	9.48	22.41	20.69	14.66	6.90	4.01	1.72
EventNET	5.17	3.45	11.21	20.69	17.24	25.00	17.24	4.85	1.65
LSH-GEFR	5.17	4.31	11.21	17.24	21.55	23.28	17.24	4.84	1.65