

Results of all competitions

		50% Competition			
Models	Estimering/S	MAE	MAE 50/50		One step
			first half	last half	
TIE	Setting1	42.01	18.73	64.56	13.44
TIE	Setting2	41.44	32.50	50.45	2.73
NHPP(intel	Maximum Lik	4.55	3.93	4.61	4.04
Schneidew	Maximum Lik	10.27	8.10	12.19	14.28
Generalize	Maximum Lik	4.48	3.74	4.73	6.04
Yamada S-	Maximum Lik	6.04	6.46	3.67	22.54
NHPP(intel	Least Square	5.03	4.66	4.73	7.60
Schneidew	Least Square	10.27	8.10	12.19	14.28
Generalize	Least Square	4.82	4.35	4.63	4.82
Yamada S-	Least Square	6.04	6.46	3.67	22.54

		60% Competition			
Models	Estimering/S	MAE	MAE 50/50		One step
			first half	last half	
TIE	Setting1	20.08	12.58	35.76	3.39
TIE	Setting2	20.60	15.53	34.46	2.86
NHPP(intel	Maximum Lik	4.80	4.87	4.98	3.82
Schneidew	Maximum Lik	7.07	6.02	9.29	7.87
Generalize	Maximum Lik	4.77	4.73	5.03	4.22
Yamada S-	Maximum Lik	5.93	10.29	3.15	20.61
NHPP(intel	Least Square	4.93	5.19	4.91	6.74
Schneidew	Least Square	7.07	6.02	9.29	7.87
Generalize	Least Square	4.79	4.99	4.80	5.27
Yamada S-	Least Square	5.93	10.29	3.15	20.61

		70% Competition			
Models	Estimering/S	MAE	MAE 50/50		One step
			first half	last half	
TIE	Setting1	13.52	8.57	25.00	1.30
TIE	Setting2	11.06	5.11	23.91	2.09
NHPP(intel	Maximum Lik	4.85	4.95	4.93	4.40
Schneidew	Maximum Lik	7.82	6.81	9.82	5.30
Generalize	Maximum Lik	4.93	4.95	5.19	5.61
Yamada S-	Maximum Lik	4.73	7.03	2.71	31.17
NHPP(intel	Least Square	5.03	5.28	4.85	5.36
Schneidew	Least Square	7.82	6.81	9.82	5.30
Generalize	Least Square	4.95	5.23	4.71	4.79
Yamada S-	Least Square	4.73	7.03	2.71	31.17

Results of each competition

Models	Estimering/S	CNN50%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	31.53	21.70	41.85	0.30	6.99	5.08	8.87	0.55
TIE	Setting2	17.09	5.70	28.82	0.17	3.79	1.34	6.11	0.32
NHPP(intel	Maximum Lik	4.08	3.66	4.56	0.54	0.91	0.86	0.97	1.00
Schneidew	Maximum Lik	4.08	3.66	4.56	0.54	0.91	0.86	0.97	1.00
Generalize	Maximum Lik	4.02	3.59	4.51	1.75	0.89	0.84	0.96	3.22
Yamada S-	Maximum Lik	8.56	12.36	4.81	10.20	1.90	2.89	1.02	18.82
NHPP(intel	Least Square	4.76	4.60	4.98	1.70	1.06	1.08	1.05	3.14
Schneidew	Least Square	4.08	3.66	4.56	0.54	0.91	0.86	0.97	1.00
Generalize	Least Square	4.26	3.95	4.62	0.46	0.94	0.92	0.98	0.85
Yamada S-	Least Square	8.56	12.36	4.81	10.20	1.90	2.89	1.02	18.82

Models	Estimering/S	CNN60%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	6.19	3.44	9.07	1.29	1.23	0.66	2.20	1.10
TIE	Setting2	5.20	4.43	6.05	1.99	1.04	0.85	1.47	1.70
NHPP(intel	Maximum Lik	4.60	5.25	4.02	0.00	0.92	1.00	0.97	0.00
Schneidew	Maximum Lik	4.60	5.25	4.02	0.00	0.92	1.00	0.97	0.00
Generalize	Maximum Lik	4.38	4.76	4.06	1.05	0.87	0.91	0.98	0.90
Yamada S-	Maximum Lik	7.51	10.89	4.19	14.66	1.50	2.08	1.02	12.49
NHPP(intel	Least Square	5.40	6.59	4.28	2.02	1.08	1.26	1.04	1.72
Schneidew	Least Square	4.60	5.25	4.02	0.00	0.92	1.00	0.97	0.00
Generalize	Least Square	4.84	5.74	4.00	0.88	0.96	1.09	0.97	0.75
Yamada S-	Least Square	7.51	10.89	4.19	14.66	1.50	2.08	1.02	12.49

Models	Estimering/S	CNN70%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	6.39	4.19	8.76	0.78	1.20	0.59	2.74	0.84
TIE	Setting2	6.24	3.94	8.71	1.12	1.17	0.55	2.73	1.21
NHPP(intel	Maximum Lik	5.34	7.65	3.08	0.34	1.00	1.07	0.96	0.36
Schneidew	Maximum Lik	5.34	7.65	3.08	0.34	1.00	1.07	0.96	0.36
Generalize	Maximum Lik	5.22	7.25	3.25	1.09	0.98	1.01	1.02	1.16
Yamada S-	Maximum Lik	5.22	7.04	3.46	16.64	0.98	0.99	1.08	17.84
NHPP(intel	Least Square	5.90	8.73	3.13	1.21	1.11	1.22	0.98	1.30
Schneidew	Least Square	5.34	7.65	3.08	0.34	1.00	1.07	0.96	0.36
Generalize	Least Square	5.47	8.04	2.96	0.30	1.03	1.12	0.93	0.32
Yamada S-	Least Square	5.22	7.04	3.46	16.64	0.98	0.99	1.08	17.84

Models	Estimering/S	LUVA50%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	74.19	50.46	99.82	4.75	6.09	3.48	9.78	0.97
TIE	Setting2	56.91	53.11	62.17	5.10	4.67	3.67	6.09	1.03
NHPP	(inter Maximum Lik	10.65	12.12	9.47	1.22	0.87	0.84	0.93	0.25
Schneidew	Maximum Lik	43.16	37.64	49.79	43.41	3.54	2.60	4.88	8.81
Generalize	Maximum Lik	10.25	11.41	9.35	2.27	0.84	0.79	0.92	0.46
Yamada S-	Maximum Lik	4.19	4.91	3.59	7.41	0.34	0.34	0.35	1.50
NHPP	(inter Least Square	12.44	14.80	10.40	2.18	1.02	1.02	1.02	0.44
Schneidew	Least Square	43.16	37.64	49.79	43.41	3.54	2.60	4.88	8.81
Generalize	Least Square	11.94	14.16	10.02	1.53	0.98	0.98	0.98	0.31
Yamada S-	Least Square	4.19	4.91	3.59	7.41	0.34	0.34	0.35	1.50

Models	Estimering/S	LUVA60%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	71.26	61.12	83.56	4.86	5.40	3.54	8.75	0.67
TIE	Setting2	73.68	80.29	69.31	0.36	5.58	4.65	7.26	0.05
NHPP	(inter Maximum Lik	11.77	14.92	8.97	7.77	0.89	0.86	0.94	1.07
Schneidew	Maximum Lik	43.63	37.41	51.17	38.41	3.30	2.17	5.36	5.27
Generalize	Maximum Lik	11.38	14.18	8.92	6.81	0.86	0.82	0.93	0.93
Yamada S-	Maximum Lik	4.20	4.74	3.79	1.35	0.32	0.27	0.40	0.18
NHPP	(inter Least Square	13.44	17.57	9.72	10.94	1.02	1.02	1.02	1.50
Schneidew	Least Square	43.63	37.41	51.17	38.41	3.30	2.17	5.36	5.27
Generalize	Least Square	12.97	16.97	9.37	10.29	0.98	0.98	0.98	1.41
Yamada S-	Least Square	4.20	4.74	3.79	1.35	0.32	0.27	0.40	0.18

Models	Estimering/S	LUVA70%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	73.63	77.03	73.18	0.04	6.13	4.98	8.11	0.00
TIE	Setting2	46.41	21.75	72.92	0.97	3.87	1.41	8.08	0.06
NHPP	(inter Maximum Lik	10.94	13.64	8.69	17.64	0.91	0.88	0.96	1.02
Schneidew	Maximum Lik	46.65	42.35	52.82	33.15	3.89	2.74	5.85	1.92
Generalize	Maximum Lik	10.70	13.10	8.73	16.90	0.89	0.85	0.97	0.98
Yamada S-	Maximum Lik	3.99	3.58	4.55	7.02	0.33	0.23	0.50	0.41
NHPP	(inter Least Square	12.22	15.75	9.18	20.28	1.02	1.02	1.02	1.17
Schneidew	Least Square	46.65	42.35	52.82	33.15	3.89	2.74	5.85	1.92
Generalize	Least Square	11.79	15.19	8.87	19.69	0.98	0.98	0.98	1.14
Yamada S-	Least Square	3.99	3.58	4.55	7.02	0.33	0.23	0.50	0.41
						0.00			

Models	Estimering/S	SDP50%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	31.39	30.10	33.13	0.27	5.30	5.41	5.21	0.06
TIE	Setting2	84.19	128.34	40.58	0.16	14.22	23.07	6.38	0.04
NHPP(intel	Maximum Lik	4.63	4.67	4.65	4.88	0.78	0.84	0.73	1.13
Schneidew	Maximum Lik	22.70	18.02	27.75	12.08	3.83	3.24	4.36	2.80
Generalize	Maximum Lik	4.48	4.24	4.78	4.08	0.76	0.76	0.75	0.95
Yamada S-	Maximum Lik	5.92	5.56	6.36	0.04	1.00	1.00	1.00	0.01
NHPP(intel	Least Square	4.71	4.88	4.60	5.24	0.80	0.88	0.72	1.22
Schneidew	Least Square	22.70	18.02	27.75	12.08	3.83	3.24	4.36	2.80
Generalize	Least Square	4.56	4.49	4.70	4.54	0.77	0.81	0.74	1.05
Yamada S-	Least Square	5.92	5.56	6.36	0.04	1.00	1.00	1.00	0.01

Models	Estimering/S	SDP60%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	17.51	6.73	28.58	0.40	3.91	1.35	7.03	0.11
TIE	Setting2	16.40	6.16	26.92	0.51	3.66	1.24	6.62	0.14
NHPP(intel	Maximum Lik	4.48	4.96	4.07	3.74	1.00	1.00	1.00	1.00
Schneidew	Maximum Lik	4.48	4.96	4.07	3.74	1.00	1.00	1.00	1.00
Generalize	Maximum Lik	4.48	4.92	4.12	3.03	1.00	0.99	1.01	0.81
Yamada S-	Maximum Lik	7.02	10.20	3.96	4.74	1.57	2.05	0.97	1.27
NHPP(intel	Least Square	4.49	4.99	4.06	4.08	1.00	1.00	1.00	1.09
Schneidew	Least Square	4.48	4.96	4.07	3.74	1.00	1.00	1.00	1.00
Generalize	Least Square	4.48	4.95	4.09	3.44	1.00	0.99	1.01	0.92
Yamada S-	Least Square	7.02	10.20	3.96	4.74	1.57	2.05	0.97	1.27

Models	Estimering/S	SDP70%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	6.87	3.86	10.04	0.42	1.46	0.76	2.35	0.35
TIE	Setting2	4.73	3.80	5.78	0.52	1.00	0.75	1.35	0.43
NHPP(intel	Maximum Lik	4.61	5.05	4.27	1.23	0.98	1.00	1.00	1.00
Schneidew	Maximum Lik	4.61	5.05	4.27	1.23	0.98	1.00	1.00	1.00
Generalize	Maximum Lik	4.80	5.49	4.23	1.80	1.02	1.09	0.99	1.47
Yamada S-	Maximum Lik	7.64	13.96	1.49	10.84	1.62	2.76	0.35	8.83
NHPP(intel	Least Square	4.52	4.83	4.32	0.95	0.96	0.96	1.01	0.77
Schneidew	Least Square	4.61	5.05	4.27	1.23	0.98	1.00	1.00	1.00
Generalize	Least Square	4.69	5.24	4.25	1.47	1.00	1.04	1.00	1.20
Yamada S-	Least Square	7.64	13.96	1.49	10.84	1.62	2.76	0.35	8.83

Models	Estimering/S	SS1_50%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	133.29	30.27	248.75	8.99	19.31	1.93	32.23	1.01
TIE	Setting2	101.39	27.34	184.67	9.00	14.68	1.74	23.92	1.01
NHPP(intel	Maximum Lik	6.81	6.29	7.72	5.92	0.99	0.40	1.00	0.66
Schneidew	Maximum Lik	6.81	6.29	7.72	5.92	0.99	0.40	1.00	0.66
Generalize	Maximum Lik	7.00	5.97	8.45	4.78	1.01	0.38	1.09	0.54
Yamada S-	Maximum Lik	14.71	23.84	5.86	15.76	2.13	1.52	0.76	1.77
NHPP(intel	Least Square	6.74	7.51	6.27	10.34	0.98	0.48	0.81	1.16
Schneidew	Least Square	6.81	6.29	7.72	5.92	0.99	0.40	1.00	0.66
Generalize	Least Square	6.68	7.06	6.63	8.86	0.97	0.45	0.86	0.99
Yamada S-	Least Square	14.71	23.84	5.86	15.76	2.13	1.52	0.76	1.77

Models	Estimering/S	SS1_60%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	32.28	19.91	46.79	5.54	4.52	3.98	5.04	1.49
TIE	Setting2	41.99	33.11	53.66	3.57	5.88	6.61	5.78	0.96
NHPP(intel	Maximum Lik	6.89	4.95	9.28	2.20	0.96	0.99	1.00	0.59
Schneidew	Maximum Lik	6.89	4.95	9.28	2.20	0.96	0.99	1.00	0.59
Generalize	Maximum Lik	7.40	5.06	10.23	1.58	1.04	1.01	1.10	0.43
Yamada S-	Maximum Lik	14.08	26.47	2.62	21.89	1.97	5.29	0.28	5.90
NHPP(intel	Least Square	5.75	4.50	7.38	4.70	0.80	0.90	0.80	1.27
Schneidew	Least Square	6.89	4.95	9.28	2.20	0.96	0.99	1.00	0.59
Generalize	Least Square	6.02	4.59	7.86	3.85	0.84	0.92	0.85	1.04
Yamada S-	Least Square	14.08	26.47	2.62	21.89	1.97	5.29	0.28	5.90

Models	Estimering/S	SS1_70%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	16.26	9.71	24.30	1.01	2.18	1.42	2.95	0.12
TIE	Setting2	21.24	12.25	32.15	3.45	2.84	1.79	3.91	0.40
NHPP(intel	Maximum Lik	7.17	6.77	8.23	8.68	0.96	0.99	1.00	1.00
Schneidew	Maximum Lik	7.17	6.77	8.23	8.68	0.96	0.99	1.00	1.00
Generalize	Maximum Lik	7.78	6.93	9.33	8.78	1.04	1.01	1.13	1.01
Yamada S-	Maximum Lik	9.07	16.60	2.37	29.44	1.21	2.42	0.29	3.39
NHPP(intel	Least Square	5.93	6.15	6.26	8.07	0.79	0.90	0.76	0.93
Schneidew	Least Square	7.17	6.77	8.23	8.68	0.96	0.99	1.00	1.00
Generalize	Least Square	6.25	6.34	6.72	8.29	0.84	0.93	0.82	0.96
Yamada S-	Least Square	9.07	16.60	2.37	29.44	1.21	2.42	0.29	3.39

Models	Estimering/S	J2_ 50%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	109.79	107.73	93.18	157.00	4.32	2.83	8.47	10.85
TIE	Setting2	103.65	102.31	87.47	4.88	4.08	2.69	7.95	0.34
NHPP(intel	Maximum Lik	25.41	38.05	10.88	14.47	1.00	1.00	0.99	1.00
Schneidew	Maximum Lik	25.41	38.05	10.88	14.47	1.00	1.00	0.99	1.00
Generalize	Maximum Lik	24.91	36.74	11.12	12.63	0.98	0.97	1.01	0.87
Yamada S-	Maximum Lik	16.95	27.01	5.92	6.37	0.67	0.71	0.54	0.44
NHPP(intel	Least Square	30.10	45.70	12.36	23.75	1.18	1.20	1.12	1.64
Schneidew	Least Square	25.41	38.05	10.88	14.47	1.00	1.00	0.99	1.00
Generalize	Least Square	29.48	45.17	11.78	23.41	1.16	1.19	1.07	1.62
Yamada S-	Least Square	16.95	27.01	5.92	6.37	0.67	0.71	0.54	0.44

Models	Estimering/S	J2_ 60%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	131.55	129.23	137.63	1.00	5.03	3.06	12.74	0.02
TIE	Setting2	116.53	92.36	144.02	0.96	4.45	2.18	13.33	0.02
NHPP(intel	Maximum Lik	26.85	42.95	11.51	57.45	1.03	1.02	1.07	1.16
Schneidew	Maximum Lik	23.19	36.71	10.34	49.43	0.89	0.87	0.96	1.00
Generalize	Maximum Lik	26.17	42.29	10.80	56.97	1.00	1.00	1.00	1.15
Yamada S-	Maximum Lik	15.08	25.33	5.26	38.16	0.58	0.60	0.49	0.77
NHPP(intel	Least Square	26.85	42.95	11.51	57.45	1.03	1.02	1.07	1.16
Schneidew	Least Square	23.19	36.71	10.34	49.43	0.89	0.87	0.96	1.00
Generalize	Least Square	26.17	42.29	10.80	56.97	1.00	1.00	1.00	1.15
Yamada S-	Least Square	15.08	25.33	5.26	38.16	0.58	0.60	0.49	0.77

Models	Estimering/S	J2_ 70%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	45.09	22.44	70.24	0.01	2.56	0.82	8.84	0.00
TIE	Setting2	38.33	16.61	62.28	0.17	2.18	0.61	7.84	0.00
NHPP(intel	Maximum Lik	17.59	27.52	7.94	37.27	1.00	1.01	1.00	1.01
Schneidew	Maximum Lik	17.59	27.52	7.94	37.27	1.00	1.01	1.00	1.01
Generalize	Maximum Lik	17.65	27.01	8.59	36.28	1.00	0.99	1.08	0.99
Yamada S-	Maximum Lik	10.41	17.09	3.87	25.66	0.59	0.63	0.49	0.70
NHPP(intel	Least Square	20.26	32.29	8.54	43.72	1.15	1.18	1.08	1.19
Schneidew	Least Square	17.59	27.52	7.94	37.27	1.00	1.01	1.00	1.01
Generalize	Least Square	19.55	31.51	7.87	43.11	1.11	1.16	0.99	1.17
Yamada S-	Least Square	10.41	17.09	3.87	25.66	0.59	0.63	0.49	0.70

Models	Estimering/S	J4_ 50%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	76.29	45.63	109.78	0.70	1.02	1.00	1.03	0.02
TIE	Setting2	73.29	45.27	104.03	0.11	0.98	1.00	0.97	0.00
NHPP(intel	Maximum Lik	9.89	4.50	15.65	28.44	0.13	0.10	0.15	0.86
Schneidew	Maximum Lik	10.73	12.98	8.89	37.90	0.14	0.29	0.08	1.14
Generalize	Maximum Lik	134.40	109.48	164.30	62.00	1.80	2.41	1.54	1.87
Yamada S-	Maximum Lik	5.52	8.76	2.48	8.79	0.07	0.19	0.02	0.26
NHPP(intel	Least Square	134.40	109.48	164.30	62.00	1.80	2.41	1.54	1.87
Schneidew	Least Square	134.40	109.48	164.30	62.00	1.80	2.41	1.54	1.87
Generalize	Least Square	134.40	109.48	164.30	62.00	1.80	2.41	1.54	1.87
Yamada S-	Least Square	5.52	8.76	2.48	8.79	0.07	0.19	0.02	0.26

Models	Estimering/S	J4_ 60%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	62.66	46.27	82.82	0.45	14.63	7.83	29.75	5.90
TIE	Setting2	63.95	66.22	64.62	0.08	14.93	11.20	23.21	1.00
NHPP(intel	Maximum Lik	145.82	126.73	172.76	104.00	34.03	21.44	62.05	1358.34
Schneidew	Maximum Lik	145.82	126.73	172.76	104.00	34.03	21.44	62.05	1358.34
Generalize	Maximum Lik	145.82	126.73	172.76	104.00	34.03	21.44	62.05	1358.34
Yamada S-	Maximum Lik	4.28	5.91	2.78	11.05	1.00	1.00	1.00	144.38
NHPP(intel	Least Square	145.82	126.73	172.76	104.00	34.03	21.44	62.05	1358.34
Schneidew	Least Square	145.82	126.73	172.76	104.00	34.03	21.44	62.05	1358.34
Generalize	Least Square	145.82	126.73	172.76	104.00	34.03	21.44	62.05	1358.34
Yamada S-	Least Square	4.28	5.91	2.78	11.05	1.00	1.00	1.00	144.38

Models	Estimering/S	J4_ 70%				compared to the median value			
		MAE	MAE 50/50		One step	MAE 50/50			
			first half	last half		MAE	first	last	One step
TIE	Setting1	168.91	148.97	199.40	0.17	72.11	93.54	61.58	1.06
TIE	Setting2	149.62	178.63	129.97	0.16	63.88	112.17	40.13	1.00
NHPP(intel	Maximum Lik	156.58	141.88	181.06	120.00	66.85	89.09	55.91	761.76
Schneidew	Maximum Lik	156.58	141.88	181.06	120.00	66.85	89.09	55.91	761.76
Generalize	Maximum Lik	156.58	141.88	181.06	120.00	66.85	89.09	55.91	761.76
Yamada S-	Maximum Lik	2.34	1.59	3.24	3.83	1.00	1.00	1.00	24.31
NHPP(intel	Least Square	156.58	141.88	181.06	120.00	66.85	89.09	55.91	761.76
Schneidew	Least Square	156.58	141.88	181.06	120.00	66.85	89.09	55.91	761.76
Generalize	Least Square	156.58	141.88	181.06	120.00	66.85	89.09	55.91	761.76
Yamada S-	Least Square	2.34	1.59	3.24	3.83	1.00	1.00	1.00	24.31