

Table 1: The throughput improvements achieved by network coding in Toulouse

line1	line2	t_1	t_{12}	t_2	$r(\%)$	$D(\text{GB})$	$D_{nc}(\text{GB})$	$G_t(\%)$	Station
10	2	0:22:00	9:46:00	2:00:00	80.49	159.18	302.25	89.88	Cours Dillon
10	109	1:19:00	8:55:00	1:40:00	74.93	188.48	319.09	69.3	Malepre
204	205	2:01:00	2:57:00	1:11:00	47.97	95.21	138.43	45.38	Ayguevives Collge
35	83	0:42:00	9:21:00	1:38:00	80.03	167.72	304.69	81.66	Balma-Gramont
35	20	0:34:00	9:29:00	1:28:00	82.34	163.82	302.73	84.8	Balma-Gramont
35	51	3:09:00	6:54:00	0:44:00	63.99	133.3	234.38	75.82	Balma-Gramont
35	77	3:34:00	6:29:00	1:24:00	56.62	156.49	251.46	60.69	Balma-Gramont
35	A	0:00:00	10:03:00	2:17:00	81.49	147.22	294.43	100.0	Balma-Gramont
2	81	2:23:00	9:15:00	0:20:00	77.3	150.15	285.64	90.24	Universit Paul Sabatier
2	78	0:49:00	10:49:00	0:36:00	88.42	184.81	343.26	85.73	Universit Paul Sabatier
2	56	2:07:00	9:31:00	0:22:00	79.31	155.52	294.92	89.64	Universit Paul Sabatier
2	115	2:09:00	9:29:00	0:16:00	79.69	150.63	289.55	92.22	Universit Paul Sabatier
2	34	2:04:00	9:34:00	0:19:00	80.06	154.05	294.19	90.97	Universit Paul Sabatier
2	82	9:45:00	1:53:00	0:02:00	16.14	29.05	56.64	94.96	Universit Paul Sabatier
50	11	1:24:00	9:41:00	0:38:00	82.65	169.68	311.52	83.6	Basso Cambo
50	49	0:57:00	10:08:00	0:31:00	87.36	171.14	319.58	86.73	Basso Cambo
50	53	1:22:00	9:43:00	0:51:00	81.42	179.69	322.02	79.21	Basso Cambo
50	14	0:28:00	10:37:00	1:14:00	86.2	176.03	331.54	88.35	Basso Cambo
50	48	6:23:00	4:42:00	0:23:00	40.99	85.69	154.54	80.34	Basso Cambo
50	A	0:00:00	11:05:00	1:15:00	89.86	162.35	324.71	100.0	Basso Cambo
50	57	2:16:00	8:49:00	0:56:00	73.37	170.17	299.32	75.9	Basso Cambo
50	58	1:59:00	9:06:00	0:31:00	78.45	156.01	289.31	85.45	Basso Cambo
50	8	1:53:00	9:12:00	0:56:00	76.56	175.78	310.55	76.67	Basso Cambo
81	109	0:36:00	3:09:00	6:55:00	29.53	72.51	118.65	63.64	Castanet-Tolosan
81	78	0:25:00	9:10:00	2:15:00	77.46	152.59	286.87	88.0	Universit Paul Sabatier
81	56	2:14:00	7:21:00	2:32:00	60.66	205.81	313.48	52.31	Universit Paul Sabatier
81	115	1:32:00	8:03:00	1:42:00	71.34	185.3	303.22	63.64	Universit Paul Sabatier
81	34	1:19:00	8:16:00	1:37:00	73.81	178.96	300.05	67.67	Universit Paul Sabatier
81	202	0:35:00	3:10:00	7:36:00	27.9	72.02	118.41	64.41	Castanet-Tolosan
81	62	0:20:00	3:25:00	7:58:00	29.16	64.7	114.75	77.36	Castanet-Tolosan
81	82	8:19:00	1:16:00	0:39:00	12.38	47.12	65.67	39.38	Universit Paul Sabatier
81	205	0:37:00	3:08:00	7:30:00	27.85	73.0	118.9	62.88	Castanet-Tolosan
83	201	1:06:00	9:52:00	0:40:00	84.81	173.83	318.36	83.15	Saint Orens Lyce
83	79	0:45:00	10:13:00	1:08:00	84.44	182.62	332.28	81.95	Saint Orens Lyce
83	78	0:02:00	10:56:00	1:11:00	89.99	161.62	321.78	99.09	Saint Orens Lyce
83	20	0:47:00	10:12:00	0:45:00	86.93	182.37	331.79	81.93	Balma-Gramont
83	51	3:38:00	7:21:00	0:17:00	65.24	120.12	227.78	89.63	Balma-Gramont
83	77	3:42:00	7:17:00	0:36:00	62.88	133.06	239.75	80.18	Balma-Gramont
83	A	0:00:00	10:59:00	1:21:00	89.05	160.89	321.78	100.0	Balma-Gramont
73	B	1:38:00	9:32:00	0:49:00	79.55	175.54	315.19	79.55	Borderouge
73	26	1:12:00	9:58:00	0:46:00	83.52	179.69	325.68	81.25	Borderouge

line1	line2	t_1	t_{12}	t_2	$r(\%)$	$D(GB)$	$D_{nc}(GB)$	$G_t(\%)$	Station
73	36	0:23:00	10:47:00	0:55:00	89.24	174.8	332.76	90.36	Borderouge
73	41	6:28:00	4:42:00	0:30:00	40.29	90.82	159.67	75.81	Borderouge
111	79	1:13:00	9:24:00	1:02:00	80.69	183.11	320.8	75.2	Ramonville Mtro
111	B	1:14:00	9:23:00	0:58:00	81.01	179.93	317.38	76.39	Ramonville Mtro
111	112	2:30:00	8:07:00	0:29:00	73.12	140.14	259.03	84.84	Ramonville Mtro
111	88	0:15:00	10:22:00	1:13:00	87.61	162.84	314.7	93.25	Ramonville Mtro
111	68	1:00:00	9:37:00	1:02:00	82.55	184.81	325.68	76.22	Ramonville Mtro
111	37	0:34:00	10:03:00	1:27:00	83.29	172.12	319.34	85.53	Ramonville Mtro
111	62	0:06:00	10:31:00	1:35:00	86.2	158.45	312.5	97.23	Ramonville Mtro
109	202	0:37:00	9:27:00	1:19:00	83.02	165.53	303.96	83.63	Castanet-Tolosan
109	62	0:31:00	9:33:00	1:50:00	80.25	162.6	302.49	86.04	Castanet-Tolosan
109	205	0:45:00	9:19:00	1:19:00	81.84	169.43	305.91	80.55	Castanet-Tolosan
201	79	0:16:00	10:16:00	1:05:00	88.38	162.11	312.5	92.77	Saint Orens Lyce
201	78	0:09:00	10:23:00	1:44:00	84.65	158.69	310.79	95.85	Saint Orens Lyce
79	B	1:15:00	9:11:00	1:10:00	79.17	185.79	320.31	72.4	Ramonville Mtro
79	78	0:09:00	11:12:00	0:55:00	91.3	170.65	334.72	96.14	Saint Orens Lyce
79	112	2:17:00	8:09:00	0:27:00	74.89	139.16	258.54	85.79	Ramonville Mtro
79	88	0:27:00	9:59:00	1:36:00	82.96	166.02	312.26	88.09	Ramonville Mtro
79	68	0:53:00	9:33:00	1:06:00	82.8	178.71	318.6	78.28	Ramonville Mtro
79	37	0:22:00	10:04:00	1:26:00	84.83	163.57	311.04	90.15	Ramonville Mtro
79	62	0:07:00	10:19:00	1:47:00	84.45	156.25	307.37	96.72	Ramonville Mtro
B	26	1:16:00	9:05:00	1:39:00	75.69	188.72	321.78	70.5	Borderouge
B	112	2:18:00	8:03:00	0:33:00	73.85	142.09	260.01	82.99	Ramonville Mtro
B	88	0:27:00	9:54:00	1:41:00	82.27	164.79	309.81	88.0	Ramonville Mtro
B	68	1:04:00	9:17:00	1:22:00	79.23	182.86	318.85	74.37	Ramonville Mtro
B	37	0:38:00	9:43:00	1:47:00	80.08	170.17	312.5	83.64	Ramonville Mtro
B	36	0:26:00	9:55:00	1:47:00	81.73	164.31	309.57	88.41	Borderouge
B	62	0:07:00	10:14:00	1:52:00	83.77	155.03	304.93	96.69	Ramonville Mtro
B	41	6:03:00	4:18:00	0:54:00	38.22	102.54	165.53	61.43	Borderouge
116	48	0:07:00	9:07:00	1:32:00	84.67	138.67	272.22	96.3	Tournefeuille Lyce
11	49	0:50:00	9:29:00	1:10:00	82.58	175.54	314.45	79.14	Basso Cambo
11	53	0:52:00	9:27:00	1:07:00	82.65	176.51	314.94	78.42	Basso Cambo
11	38	0:32:00	9:49:00	1:05:00	85.86	167.24	311.04	85.99	Empalot
11	14	0:17:00	10:02:00	1:49:00	82.69	159.42	306.4	92.19	Basso Cambo
11	48	6:06:00	4:13:00	0:52:00	37.7	99.85	161.62	61.86	Basso Cambo
11	54	0:20:00	10:01:00	1:05:00	87.61	161.38	308.11	90.92	Empalot
11	A	0:00:00	10:19:00	2:01:00	83.65	151.12	302.25	100.0	Basso Cambo
11	57	1:48:00	8:31:00	1:14:00	73.74	178.96	303.71	69.71	Basso Cambo
11	58	1:29:00	8:50:00	0:47:00	79.58	163.82	293.21	78.99	Basso Cambo
11	8	1:48:00	8:31:00	1:37:00	71.37	195.8	320.56	63.72	Basso Cambo
22	14	0:25:00	11:45:00	0:06:00	95.79	176.51	348.63	97.51	Marengo-SNCF
26	36	0:21:00	10:23:00	1:19:00	86.17	167.48	319.58	90.82	Borderouge
26	41	6:15:00	4:29:00	0:43:00	39.16	97.17	162.84	67.59	Borderouge
78	56	1:57:00	9:28:00	0:25:00	80.0	156.98	295.65	88.34	Universit Paul Sabatier

line1	line2	t_1	t_{12}	t_2	$r(\%)$	$D(GB)$	$D_{nc}(GB)$	$G_t(\%)$	Station
78	115	2:27:00	8:58:00	0:47:00	73.5	165.77	297.12	79.23	Universit Paul Sabatier
78	34	1:39:00	9:46:00	0:07:00	84.68	148.19	291.26	96.54	Universit Paul Sabatier
78	82	9:46:00	1:39:00	0:16:00	14.12	35.89	60.06	67.35	Universit Paul Sabatier
56	115	1:26:00	8:27:00	1:18:00	75.56	180.91	304.69	68.42	Universit Paul Sabatier
56	34	1:19:00	8:34:00	1:19:00	76.49	183.35	308.84	68.44	Universit Paul Sabatier
56	82	8:32:00	1:21:00	0:34:00	12.92	44.68	64.45	44.26	Universit Paul Sabatier
112	88	0:10:00	8:26:00	3:09:00	71.77	130.86	254.39	94.4	Ramonville Mtro
112	68	0:32:00	8:04:00	2:35:00	72.13	141.6	259.77	83.45	Ramonville Mtro
112	37	0:10:00	8:26:00	3:04:00	72.29	130.86	254.39	94.4	Ramonville Mtro
112	62	0:05:00	8:31:00	3:35:00	69.9	128.42	253.17	97.15	Ramonville Mtro
65	34	0:48:00	10:22:00	1:03:00	84.86	187.01	338.87	81.2	Arnes
49	53	1:09:00	9:30:00	1:04:00	81.08	186.04	325.2	74.8	Basso Cambo
49	14	0:27:00	10:12:00	1:39:00	82.93	169.19	318.6	88.31	Basso Cambo
49	48	5:59:00	4:40:00	0:25:00	42.17	86.67	155.03	78.87	Basso Cambo
49	A	0:00:00	10:39:00	1:41:00	86.35	156.01	312.01	100.0	Basso Cambo
49	57	1:57:00	8:42:00	1:03:00	74.36	173.58	301.03	73.42	Basso Cambo
49	58	1:39:00	9:00:00	0:37:00	79.88	158.94	290.77	82.95	Basso Cambo
49	8	1:36:00	9:03:00	1:05:00	77.13	180.18	312.74	73.58	Basso Cambo
115	34	1:32:00	8:13:00	1:40:00	71.97	187.74	308.11	64.11	Universit Paul Sabatier
115	82	8:04:00	1:41:00	0:14:00	16.86	34.91	59.57	70.63	Universit Paul Sabatier
20	51	3:29:00	7:28:00	0:10:00	67.17	116.7	226.07	93.72	Balma-Gramont
20	77	3:50:00	7:07:00	0:46:00	60.74	137.94	242.19	75.58	Balma-Gramont
20	A	0:00:00	10:57:00	1:23:00	88.78	160.4	320.8	100.0	Balma-Gramont
51	68	0:54:00	1:16:00	6:21:00	14.87	58.11	76.66	31.93	La Terrasse
51	77	2:31:00	5:07:00	2:46:00	49.2	185.55	260.5	40.39	Balma-Gramont
51	A	0:00:00	7:38:00	4:42:00	61.89	111.82	223.63	100.0	Balma-Gramont
88	68	1:11:00	10:24:00	0:15:00	87.89	163.33	315.67	93.27	Ramonville Mtro
88	37	0:29:00	11:06:00	0:24:00	92.63	180.18	342.77	90.24	Ramonville Mtro
88	62	0:07:00	11:28:00	0:38:00	93.86	173.1	341.06	97.04	Ramonville Mtro
53	14	0:13:00	10:21:00	1:30:00	85.77	161.13	312.74	94.09	Basso Cambo
53	48	5:59:00	4:35:00	0:30:00	41.42	89.11	156.25	75.34	Basso Cambo
53	A	0:00:00	10:34:00	1:46:00	85.68	154.79	309.57	100.0	Basso Cambo
53	57	1:50:00	8:44:00	1:01:00	75.4	172.61	300.54	74.12	Basso Cambo
53	58	1:44:00	8:50:00	0:47:00	77.83	163.82	293.21	78.99	Basso Cambo
53	8	1:53:00	8:41:00	1:27:00	72.26	190.92	318.12	66.62	Basso Cambo
68	37	0:25:00	10:14:00	1:16:00	85.87	168.21	318.12	89.11	Ramonville Mtro
68	62	0:00:00	10:39:00	1:27:00	88.02	156.01	312.01	100.0	Ramonville Mtro
37	62	0:09:00	11:21:00	0:45:00	92.65	172.85	339.11	96.19	Ramonville Mtro
77	A	0:00:00	7:53:00	4:27:00	63.92	115.48	230.96	100.0	Balma-Gramont
36	41	6:41:00	5:01:00	0:11:00	42.22	81.54	155.03	90.12	Borderouge
34	82	8:37:00	1:16:00	0:39:00	12.03	47.12	65.67	39.38	Universit Paul Sabatier
202	62	0:44:00	10:02:00	1:21:00	82.81	179.2	326.17	82.02	Castanet-Tolosan
202	205	0:09:00	10:37:00	0:01:00	98.45	156.25	311.77	99.53	Castanet-Tolosan
62	205	1:25:00	9:58:00	0:40:00	82.71	175.29	321.29	83.29	Castanet-Tolosan

line1	line2	t_1	t_{12}	t_2	$r(\%)$	$D(GB)$	$D_{nc}(GB)$	$G_t(\%)$	Station
38	54	0:49:00	10:05:00	1:01:00	84.62	183.59	331.3	80.45	Empalot
14	48	6:57:00	4:54:00	0:11:00	40.72	79.83	151.61	89.91	Basso Cambo
14	A	0:00:00	11:51:00	0:29:00	96.08	173.58	347.17	100.0	Basso Cambo
14	57	2:15:00	9:36:00	0:09:00	80.0	147.22	287.84	95.52	Basso Cambo
14	58	2:30:00	9:21:00	0:16:00	77.17	148.68	285.64	92.12	Basso Cambo
14	8	2:10:00	9:41:00	0:27:00	78.73	161.62	303.47	87.76	Basso Cambo
87	8	0:38:00	10:48:00	0:50:00	88.04	186.04	344.24	85.04	Cit Scolaire Rive Gauche
48	A	0:00:00	5:05:00	7:15:00	41.22	74.46	148.93	100.0	Basso Cambo
48	57	1:14:00	3:51:00	5:54:00	35.05	110.6	166.99	50.99	Basso Cambo
48	58	1:19:00	3:46:00	5:51:00	34.45	113.04	168.21	48.81	Basso Cambo
48	8	0:40:00	4:25:00	5:43:00	40.9	93.99	158.69	68.83	Basso Cambo
A	57	2:35:00	9:45:00	0:00:00	79.05	142.82	285.64	100.0	Basso Cambo
A	58	2:43:00	9:37:00	0:00:00	77.97	140.87	281.74	100.0	Basso Cambo
A	8	2:12:00	10:08:00	0:00:00	82.16	148.44	296.88	100.0	Basso Cambo
57	58	1:23:00	8:22:00	1:15:00	76.06	177.49	300.05	69.05	Basso Cambo
57	8	1:25:00	8:20:00	1:48:00	72.15	184.33	306.4	66.23	Basso Cambo
58	8	1:34:00	8:03:00	2:05:00	68.8	186.77	304.69	63.14	Basso Cambo
-	-	-	-	-	71.58	21802.0	39807.13	82.58	-

Text after the table.