

Measurement of metabolic CO₂ in collective transport: a method to reduce the spread of respiratory infectious diseases

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Supplementary Material Section

Table S1. Weekend journeys data analysis (from Friday evening to Sunday).

	Morning journeys (8:50h – 11:30 h)													
	#1	#2	#3	#4	#5									
	Average (ppm)	695	771	572	642							708		
	Standard Deviation (ppm)	140	196	75	158							191		
	Maximum (ppm)	929	1112	701	1017							1079		
	Minimum (ppm)	464	486	464	460							445		
	Afternoon journeys (11:31 h – 16:30 h)													
	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15			
	Average (ppm)	715	753	641	720	835	790	644	728	634	541			595
	Standard Deviation (ppm)	162	190	153	169	232	235	137	181	152	82			116
	Maximum (ppm)	1011	1133	1012	1011	1229	1249	884	1032	913	704			800
	Minimum (ppm)	476	485	465	483	486	475	471	469	444	436			445
	Evening journeys (16:31 h – 20:30 h)													
	#16	#17	#18	#19	#20	#21	#22	#23	#24					
	Average (ppm)	701	685	788	709	680	696	675	674			614		
	Standard Deviation (ppm)	186	177	237	198	187	250	161	180			142		
	Maximum (ppm)	1071	999	1198	1097	1059	1215	955	1094			880		
	Minimum (ppm)	469	465	469	470	471	454	457	448			451		

Table S2. Weekday journeys data analysis (from Monday to Friday evening).

	Morning journeys (8:50h – 11:30 h)								
	#25	#26	#27	#28	#29	#30	#31		
Average (ppm)	787	675	647	720	648	662	736		
Standard Deviation (ppm)	227	162	129	175	159	139	188		
Maximum (ppm)	1159	993	956	1030	996	944	1058		
Minimum (ppm)	466	472	501	499	481	491	479		
	Afternoon journeys (11:31 h – 16:30 h)								
	#32	#33	#34	#35	#36	#37	#38		#39
Average (ppm)	715	753	720	685	671	629	748		709
Standard Deviation (ppm)	162	190	175	160	142	147	187		183
Maximum (ppm)	1011	1133	1030	954	996	919	1121		1091
Minimum (ppm)	476	485	499	470	471	451	472		486
	Evening journeys (16:31 h – 20:30 h)								
	#40	#41	#42	#43	#44				
Average (ppm)	708	705	604	600	648				
Standard Deviation (ppm)	188	170	97	102	125				
Maximum (ppm)	1090	964	794	805	843				
Minimum (ppm)	468	480	475	476	478				