Supplementary file

**Changes in fossil CO2 emissions in Mexico City during the Covid-19 lockdown deduced from atmospheric radiocarbon concentrations**

L.E. Beramendi-Orosco, G. González-Hernández, E. Cienfuegos, F. Otero

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| Laboratory sample code | Sampling period | D14C (‰) | ± error |
| UCI-266224 | 23/12/2018-10/01/2019 | -33.4 | 1.5 |
| CNA-5976.1.1 | 10/01/2019-11/02/2019 | -20.10 | 3.39 |
| CNA-5977.1.1 | 11/02/2109-11/03/2019 | -19.76 | 3.41 |
| CNA-5978.1.1 | 11/03/2019-10/04/2019 | -15.82 | 3.44 |
| CNA-5979.1.1 | 10/04/2019-13/05/2019 | -34.00 | 3.28 |
| CNA-5952.2.1 | 13/05/2019-18/06/2019 | -20.01 | 3.40 |
| CNA-5953.2.1 | 18/06/2019-23/07/2019 | -18.82 | 3.37 |
| CNA-5954.2.1 | 23/07/2019-23/08/2019 | -19.62 | 3.34 |
| CNA-5955.1.1 | 23/08/2019-23/09/2019 | -13.74 | 3.52 |
| CNA-5956.1.1 | 23/09/2019-22/10/2019 | -13.17 | 3.45 |
| CNA-5957.1.1 | 22/10/2019-22/11/2019 | -17.74 | 3.46 |
| CNA-5958.2.1 | 22/11/2019-9/12/2019 | -44.15 | 3.24 |
| CNA-5959.1.1 | 9/12/2019-13/01/2020 | -27.74 | 3.40 |
| CNA-5960.1.1 | 13/01/2020-17/02/2020 | -15.90 | 3.48 |
| CNA-5961.1.1 | 17/02/2020-11/03/2020 | -17.43 | 3.50 |
| CNA-5962.1.1 | 11/03/2020-20/04/220 | -8.50 | 3.46 |
| CNA-5963.1.1 | 20/04/2020-29/05/2020 | 0.23 | 3.51 |
| CNA-5964.1.1 | 29/05/2020-29/06/2020 | 2.25 | 3.51 |
| CNA-5965.1.1 | 29/06/2020-30/07/2020 | -0.74 | 3.51 |
| CNA-5966.1.1 | 30/07/2020-28/08/2020 | -7.23 | 3.45 |
| CNA-5967.1.1 | 28/08/2020-28/09/2020 | -5.17 | 3.46 |
| CNA-5968.1.1 | 28/09/2020-28/10/2020 | -10.43 | 3.44 |
| CNA-5969.1.1 | 28/10/2020-28/11/2020 | -13.99 | 3.44 |
| CNA-5970.1.1 | 28/11/2020-28/12/2020 | -17.70 | 3.42 |
| CNA-5971.1.1 | 28/12/2020-05/02/2021 | -10.27 | 3.41 |
| CNA-5972.2.1 | 05/02/2021-05/03/2021 | -17.12 | 3.34 |
| CNA-5973.2.1 | 05/03/2021-06/04/2021 | -17.02 | 3.33 |
| CNA-5974.1.1 | 06/04/2021-20/05/2021 | -13.55 | 3.36 |
| CNA-5975.1.1 | 20/05/2021-22/06/2021 | -17.57 | 3.38 |
| UCI-266225 | 22/06/2021-22/07/2021 | -23.73 | 1.50 |
| UCI-266226 | 22/07/2021-20/08/2021 | -27.33 | 1.61 |
| UCI-266227 | 20/08/2021-20/09/2021 | -25.09 | 1.39 |
| UCI-266228 | 20/09/2021-20/10/2021 | -21.28 | 1.45 |
| UCI-266229 | 20/10/2021-22/11/2021 | -32.89 | 1.52 |
| UCI-266230 | 22/11/2021-21/12/2021 | -37.12 | 1.49 |