Response to Comment CC1

Title: Long-term measurement of ozone concentrations in semi-natural African ecosystems
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The authors would like to thank Erika von Schneidemesser for its relevant and helpful comments to improve the manuscript and give more informations about passive samplers monitoring.

Comment 1 : Table 2: It would be more helpful if instead of the absolute numbers listed for data collection efficiency, a % was given, plus the n-value for total samples. This makes it more comparable across sites regardless of the n-value.

We will propose in the review process to include in the manuscript a modified table 2 as follow:

Ecosystem	Station	Sampling period	Detection limit (ppb)	Data collection efficiency (%)	Total of samplers	Season	Measurement altitude (m)
Dry savanna	Ba Ka Ag Bb Da	2000-2020 2001-2020 2005-2018 2016-2020 2012-2020	0.1	93.5 86.7 82.6 94 83.7	248 240 132 50 104	Dry season: Oct-May Wet season: Jun-Sep	1.5
Wet savanna	La Dj	2001-2020 2005-2020		94.2 92.5	240 186	Dry season: Nov-Mar Wet season: Apr-Oct	1.5
Forest	Zo	2001-2020		86.7	240	Dry season: Dec-Fev and July-Aug Wet season: Mar-Jun and Sept-Nov	3
	Bo	2001-2020		68.3	240	Dry season: Dec-Fev Wet season: Mar-Nov	
Agricultural field	Mb	2017-2020		95.3	43	Dry season: Jun-Oct and Jan-Fev Wet season: Mar-May and Nov-Dec	1.5
Regional savanna/semi-arid	LT Sk Af	1995-2015 2000-2015 1997-2015		95.2 86 85.5	248 192 221	Dry season: Apr-Sep Wet season: Oct-Mar	1.5
	CP	1995-2020		90.7	248	Dry season: Oct-Mar Wet season: Apr-Sep	

Comment 2 : section 2.2. while the method for passive ozone sampling is well established, it would still be important to include text on the number of blanks that were evaluated and if/how any blank correction was done. Also, while monthly is mentioned, it is not explicit if the samples were all monthly and did this correspond to calendar months or were there different start and end dates for sampling rather than the first of the month - last day of the month? Finally, were these sampling times coordinated across the sites or did they vary?

We will add mentions in the revised text section 2.2 to answer the comment including these informations:

Sampling periods at the measurement sites were coordinated and passive samplers are exposed on a monthly basis using the calendar months. One blank dedicated to ozone is included in the expedition of samplers each two months on sites. In this way, the delay between field deployment and analysis are the same both blanks and exposed samples. All data presented in this paper are blank corrected.