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Supplement of

Field calibration of electrochemical NO₂ sensors in a citizen science context

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Table S1 Relation sensor ID and its network ID, which is used as reference in raw data

Sensor device ID	WiFi chip ID
SD01	1184206
SD02	14560051
SD03	55303
SD04	54200
SD05	1184527
SD06	1184739
SD07	1183931
SD08	53788
SD09	26296
SD10	1185325
SD11	1184453
SD12	717780
SD13	55300
SD14	13905017
SD15	1184838
SD16	54911

Table S2 Regression results for sensor devices

Units c_0 (Intercept):	$\mu\text{g m}^{-3}$
Units c_1 (S_{WE}):	$\mu\text{g m}^{-3}/\text{count}$
Units c_2 (S_{AE}):	$\mu\text{g m}^{-3}/\text{count}$
Units c_3 (T):	$\mu\text{g m}^{-3}/^{\circ}\text{C}$
Units c_4 (RH):	$\mu\text{g m}^{-3}/\%$
Units c_5 (O3):	$\mu\text{g m}^{-3}/\mu\text{g}\cdot\text{m}^{-3}$

SD01^a		Intercept	S_{WE}	S_{AE}	T	RH^b	O₃	R²
Model A	1st period	455.38 ± 55.18	0.6977 ± 0.0649	-1.0835 ± 0.0970				0.471
	2nd period ^c	-6.04 ± 36.69	0.2475 ± 0.0488	-0.2343 ± 0.0604				0.199
Model B	1st period	715.45 ± 59.71	0.8394 ± 0.0592	-1.4811 ± 0.1001		0.5326 ± 0.0743		0.612
	2nd period ^c	2.24 ± 43.51	0.2469 ± 0.0490	-0.2431 ± 0.0654		0.0280 ± 0.0782		0.200
Model C	1st period	827.92 ± 87.54	0.8688 ± 0.0680	-1.5498 ± 0.1262	-1.6344 ± 0.3130			0.556
	2nd period ^c	-173.77 ± 64.95	0.3000 ± 0.0499	-0.1698 ± 0.0618	1.5927 ± 0.5177			0.265
Model D	1st period	790.88 ± 82.04	0.8707 ± 0.0635	-1.5645 ± 0.1178	-0.5051 ± 0.3778	0.4513 ± 0.0958		0.617
	2nd period ^c	-178.93 ± 64.10	0.3133 ± 0.0497	-0.2007 ± 0.0628	2.1055 ± 0.5715	0.1650 ± 0.0827		0.292
Model E	1st period	274.85 ± 78.12	0.3186 ± 0.0703	-0.4805 ± 0.1346	-0.5447 ± 0.2820	-0.4744 ± 0.1126	-0.5349 ± 0.0503	0.788
	2nd period ^c	56.69 ± 54.19	0.2864 ± 0.0371	-0.3343 ± 0.0490	1.4917 ± 0.4309	-0.1120 ± 0.0686	-0.3883 ± 0.0422	0.611

^a Alphasense NO2-B42F sensor, used in previous experiments for more than one year

^b RH sensor overestimates and often saturated at 100%

^c Only 42% uptime in 2nd calibration period.

SD02^a		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R²
Model A	1st period	355.92 ± 65.74	0.8862 ± 0.0621	-1.2633 ± 0.0921				0.615
	2nd period	303.68 ± 86.54	0.2770 ± 0.0667	-0.5599 ± 0.1034				0.133
Model B	1st period	624.53 ± 85.42	0.8686 ± 0.0583	-1.5077 ± 0.1017		0.3916 ± 0.0863		0.665
	2nd period	629.53 ± 97.17	0.3356 ± 0.0624	-0.9477 ± 0.1159		0.3625 ± 0.0615		0.265
Model C	1st period	502.09 ± 109.36	0.9007 ± 0.0624	-1.4001 ± 0.1229	-0.5684 ± 0.3410			0.623
	2nd period	68.85 ± 147.75	0.2973 ± 0.0671	-0.3864 ± 0.1357	0.8454 ± 0.4327			0.150
Model D	1st period	589.20 ± 105.35	0.8618 ± 0.0596	-1.4742 ± 0.1174	0.2142 ± 0.3720	0.4204 ± 0.1000		0.666
	2nd period	34.28 ± 123.80	0.4429 ± 0.0584	-0.6025 ± 0.1161	2.8976 ± 0.4263	0.5956 ± 0.0651		0.407
Model E	1st period	-87.90 ± 101.40	0.3690 ± 0.0645	-0.2424 ± 0.1460	0.1739 ± 0.2770	-0.6170 ± 0.1234	-0.5754 ± 0.0546	0.816
	2nd period	-174.15 ± 107.47	0.4075 ± 0.0496	-0.3524 ± 0.1023	3.8518 ± 0.3769	0.2585 ± 0.0672	-0.3428 ± 0.0390	0.577

^a Alphasense NO2-B42F sensor, used in previous experiments for more than one year

SD03		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R²
Model A	1st period	-228.65 ± 137.58	1.0877 ± 0.0578	-0.8029 ± 0.1113				0.720
	2nd period	-470.06 ± 98.31	0.8521 ± 0.0388	-0.4193 ± 0.0772				0.709
Model B	1st period	-1335.96 ± 157.68	1.2551 ± 0.0482	-0.1132 ± 0.1127		-0.6560 ± 0.0686		0.832
	2nd period	-991.61 ± 161.21	0.8898 ± 0.0386	-0.0591 ± 0.1168		-0.1618 ± 0.0404		0.730
Model C	1st period	-972.80 ± 115.40	1.1445 ± 0.0410	-0.3343 ± 0.0878	1.7279 ± 0.1455			0.862
	2nd period	-913.18 ± 132.27	0.8192 ± 0.0375	-0.0765 ± 0.1031	0.8840 ± 0.1867			0.738
Model D	1st period	-1272.13 ± 137.05	1.2045 ± 0.0425	-0.1492 ± 0.0979	1.2690 ± 0.1867	-0.2944 ± 0.0798		0.874
	2nd period	-1050.59 ± 159.66	0.8448 ± 0.0410	0.0095 ± 0.1172	0.6707 ± 0.2328	-0.0758 ± 0.0497		0.741
Model E	1st period	-818.09 ± 120.96	0.8961 ± 0.0487	-0.1706 ± 0.0782	0.5898 ± 0.1678	-0.5387 ± 0.0695	-0.2749 ± 0.0311	0.920
	2nd period	-728.05 ± 108.84	0.8202 ± 0.0275	-0.1908 ± 0.0795	1.0731 ± 0.1579	-0.2465 ± 0.0350	-0.3029 ± 0.0193	0.885

SD04		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	-968.20 ± 145.13	0.9138 ± 0.0538	-0.1237 ± 0.1254				0.689
	2nd period	-371.22 ± 144.45	0.9786 ± 0.0500	-0.6833 ± 0.1329				0.668
Model B	1st period	-1729.95 ± 119.61	1.1641 ± 0.0430	0.2736 ± 0.0939		-0.5386 ± 0.0444		0.848
	2nd period	-1190.28 ± 141.99	1.0625 ± 0.0413	-0.0659 ± 0.1236		-0.4225 ± 0.0414		0.783
Model C	1st period	-1044.89 ± 110.06	1.0490 ± 0.0427	-0.2245 ± 0.0954	1.4562 ± 0.1412			0.823
	2nd period	-864.22 ± 116.48	0.9909 ± 0.0378	-0.3182 ± 0.1048	1.5499 ± 0.1269			0.811
Model D	1st period	-1613.28 ± 153.33	1.1499 ± 0.0445	0.1818 ± 0.1204	0.3200 ± 0.2638	-0.4442 ± 0.0896		0.850
	2nd period	-1055.65 ± 131.76	1.0203 ± 0.0384	-0.1723 ± 0.1144	1.1527 ± 0.1844	-0.1639 ± 0.0561		0.819
Model E	1st period	-1129.35 ± 115.34	0.8046 ± 0.0426	0.1830 ± 0.0848	-0.3285 ± 0.1936	-0.7627 ± 0.0685	-0.3671 ± 0.0308	0.926
	2nd period	-848.14 ± 97.58	0.8909 ± 0.0298	-0.1992 ± 0.0836	1.5326 ± 0.1378	-0.3227 ± 0.0427	-0.2241 ± 0.0171	0.904

SD05		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	-155.10 ± 197.19	0.8368 ± 0.0743	-0.6841 ± 0.1768				0.478
	2nd period	475.82 ± 194.53	0.9137 ± 0.0542	-1.2719 ± 0.1730				0.602
Model B	1st period	-1953.53 ± 246.66	1.1485 ± 0.0672	0.5047 ± 0.1881		-0.9840 ± 0.1050		0.680
	2nd period	-805.01 ± 261.61	1.0611 ± 0.0538	-0.3549 ± 0.2090		-0.6526 ± 0.0988		0.677
Model C	1st period	-1056.05 ± 162.02	1.0371 ± 0.0562	-0.1946 ± 0.1340	2.3488 ± 0.2045			0.732
	2nd period	-983.97 ± 191.54	0.9821 ± 0.0414	-0.2015 ± 0.1588	2.3771 ± 0.1997			0.774
Model D	1st period	-1623.07 ± 222.70	1.1235 ± 0.0592	0.2088 ± 0.1715	1.7161 ± 0.2649	-0.4430 ± 0.1245		0.754
	2nd period	-1162.98 ± 221.80	1.0114 ± 0.0452	-0.0756 ± 0.1771	2.1686 ± 0.2386	-0.1564 ± 0.0989		0.777
Model E	1st period	-1079.04 ± 158.48	0.7104 ± 0.0522	0.2328 ± 0.1174	0.5648 ± 0.2032	-0.8305 ± 0.0906	-0.4053 ± 0.0323	0.886
	2nd period	-1067.82 ± 174.06	0.8927 ± 0.0371	-0.0218 ± 0.1389	2.4442 ± 0.1887	-0.4412 ± 0.0818	-0.2397 ± 0.0221	0.863

SD06		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	-141.88 ± 158.37	0.6136 ± 0.0607	-0.5241 ± 0.1168				0.440
	2nd period	437.30 ± 151.50	0.8025 ± 0.0589	-1.2130 ± 0.1582				0.493
Model B	1st period	-931.37 ± 123.99	1.2158 ± 0.0619	-0.4780 ± 0.0800		-0.7288 ± 0.0555		0.740
	2nd period	-300.44 ± 174.06	0.9395 ± 0.0566	-0.7145 ± 0.1600		-0.4714 ± 0.0692		0.592
Model C	1st period	-639.87 ± 102.28	1.0652 ± 0.0470	-0.6367 ± 0.0721	2.3781 ± 0.1504			0.790
	2nd period	-581.47 ± 122.97	0.9636 ± 0.0413	-0.5853 ± 0.1151	2.6484 ± 0.1756			0.768
Model D	1st period	-824.79 ± 106.47	1.1850 ± 0.0529	-0.5839 ± 0.0695	1.6737 ± 0.2198	-0.3069 ± 0.0728		0.812
	2nd period	-666.44 ± 134.13	0.9811 ± 0.0427	-0.5242 ± 0.1212	2.4866 ± 0.2035	-0.0941 ± 0.0604		0.771
Model E	1st period	-463.82 ± 73.02	0.8150 ± 0.0426	-0.4419 ± 0.0459	0.8318 ± 0.1531	-0.5519 ± 0.0499	-0.3402 ± 0.0235	0.923
	2nd period	-592.51 ± 107.94	0.8732 ± 0.0358	-0.4531 ± 0.0976	2.6967 ± 0.1647	-0.2927 ± 0.0522	-0.2249 ± 0.0218	0.853

SD07		Intercept	S_{WE}	S_{AE}	T	RH^a	O₃	R²
Model A	1st period	-576.41 ± 188.25	0.9615 ± 0.0716	-0.4811 ± 0.1520				0.573
	2nd period	-239.15 ± 155.74	0.8866 ± 0.0486	-0.6834 ± 0.1418				0.645
Model B	1st period	-576.41 ± 188.25	0.9615 ± 0.0716	-0.4811 ± 0.1520				0.573
	2nd period	-239.15 ± 155.74	0.8866 ± 0.0486	-0.6834 ± 0.1418				0.645
Model C	1st period	-1217.57 ± 144.34	1.1305 ± 0.0528	-0.1642 ± 0.1110	1.9435 ± 0.1678			0.788
	2nd period	-977.93 ± 145.57	0.8717 ± 0.0393	-0.0987 ± 0.1284	1.6673 ± 0.1647			0.769
Model D	1st period	-1217.57 ± 144.34	1.1305 ± 0.0528	-0.1642 ± 0.1110	1.9435 ± 0.1678			0.788
	2nd period	-977.93 ± 145.57	0.8717 ± 0.0393	-0.0987 ± 0.1284	1.6673 ± 0.1647			0.769
Model E	1st period	-578.07 ± 142.70	0.7891 ± 0.0606	-0.3243 ± 0.0934	1.7254 ± 0.1405		-0.2656 ± 0.0330	0.858
	2nd period	-495.36 ± 120.13	0.7724 ± 0.0316	-0.3963 ± 0.1025	2.3365 ± 0.1401		-0.2254 ± 0.0198	0.863

^a RH sensor not working

SD08		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R²
Model A	1st period	231.44 ± 103.68	1.0802 ± 0.0639	-1.2514 ± 0.1086				0.677
	2nd period	428.20 ± 110.91	1.0221 ± 0.0609	-1.3582 ± 0.1103				0.600
Model B	1st period	-521.55 ± 174.37	1.1806 ± 0.0618	-0.7141 ± 0.1443		-0.4831 ± 0.0937		0.730
	2nd period	141.16 ± 175.82	1.0604 ± 0.0631	-1.1578 ± 0.1454		-0.0651 ± 0.0311		0.609
Model C	1st period	-798.25 ± 114.09	1.1319 ± 0.0454	-0.5061 ± 0.0995	2.4721 ± 0.2100			0.840
	2nd period	-941.92 ± 168.22	0.9603 ± 0.0505	-0.2244 ± 0.1480	2.5145 ± 0.2593			0.731
Model D	1st period	-1129.69 ± 139.87	1.1835 ± 0.0454	-0.2705 ± 0.1136	2.2559 ± 0.2085	-0.2704 ± 0.0716		0.855
	2nd period	-983.10 ± 189.26	0.9685 ± 0.0534	-0.1975 ± 0.1586	2.4876 ± 0.2659	-0.0127 ± 0.0265		0.731
Model E	1st period	-725.55 ± 113.06	0.8481 ± 0.0478	-0.2249 ± 0.0860	1.2801 ± 0.1849	-0.4709 ± 0.0577	-0.2966 ± 0.0293	0.918
	2nd period	-685.96 ± 131.35	0.8376 ± 0.0377	-0.2914 ± 0.1089	2.5194 ± 0.1824	-0.1211 ± 0.0196	-0.2898 ± 0.0196	0.874

SD09		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R²
Model A	1st period	100.52 ± 221.21	0.8669 ± 0.0671	-0.8952 ± 0.1979				0.556
	2nd period	407.81 ± 127.41	0.9154 ± 0.0458	-1.1897 ± 0.1159				0.675
Model B	1st period	-1138.92 ± 172.00	1.1781 ± 0.0498	-0.1707 ± 0.1407		-0.8205 ± 0.0609		0.810
	2nd period	-132.85 ± 146.09	1.0685 ± 0.0488	-0.8851 ± 0.1171		-0.2933 ± 0.0477		0.729
Model C	1st period	-332.23 ± 109.76	1.1460 ± 0.0353	-0.8613 ± 0.0965	2.4841 ± 0.1183			0.895
	2nd period	-504.18 ± 113.38	1.0011 ± 0.0334	-0.5837 ± 0.0943	2.0206 ± 0.1492			0.834
Model D	1st period	-586.25 ± 132.75	1.1794 ± 0.0358	-0.6738 ± 0.1103	2.0415 ± 0.1799	-0.2192 ± 0.0687		0.903
	2nd period	-688.42 ± 119.56	1.0694 ± 0.0368	-0.4885 ± 0.0944	1.8326 ± 0.1522	-0.1460 ± 0.0380		0.846
Model E	1st period	-383.42 ± 107.85	0.8973 ± 0.0424	-0.5253 ± 0.0892	1.1754 ± 0.1726	-0.4695 ± 0.0613	-0.2518 ± 0.0282	0.939
	2nd period	-498.89 ± 100.31	0.9728 ± 0.0319	-0.5403 ± 0.0778	2.1983 ± 0.1309	-0.2250 ± 0.0323	-0.1837 ± 0.0192	0.897

SD10		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	342.04 ± 94.07	0.8221 ± 0.0657	-1.1629 ± 0.1206				0.503
	2nd period	417.68 ± 78.62	0.8047 ± 0.0546	-1.2119 ± 0.1009				0.520
Model B	1st period	-89.45 ± 187.91	0.9168 ± 0.0738	-0.8859 ± 0.1583		-0.2824 ± 0.1071		0.524
	2nd period	103.71 ± 118.52	0.8641 ± 0.0558	-0.9951 ± 0.1164		-0.2487 ± 0.0717		0.547
Model C	1st period	-847.45 ± 133.34	1.1001 ± 0.0566	-0.5102 ± 0.1108	2.9678 ± 0.2803			0.712
	2nd period	-784.93 ± 122.97	0.8745 ± 0.0432	-0.3272 ± 0.1113	3.2652 ± 0.2889			0.706
Model D	1st period	-1152.70 ± 175.33	1.1668 ± 0.0611	-0.3120 ± 0.1325	2.9112 ± 0.2760	-0.2147 ± 0.0820		0.725
	2nd period	-862.03 ± 131.60	0.8947 ± 0.0449	-0.2759 ± 0.1154	3.1490 ± 0.2968	-0.0950 ± 0.0593		0.710
Model E	1st period	-825.25 ± 115.40	0.7707 ± 0.0478	-0.1058 ± 0.0867	1.8251 ± 0.1930	-0.4975 ± 0.0564	-0.3808 ± 0.0260	0.886
	2nd period	-622.53 ± 103.17	0.8094 ± 0.0352	-0.3689 ± 0.0890	3.2492 ± 0.2283	-0.2528 ± 0.0475	-0.2555 ± 0.0216	0.830

SD11		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	338.42 ± 80.88	0.9823 ± 0.0665	-1.2246 ± 0.1025				0.608
	2nd period	748.59 ± 74.96	0.9642 ± 0.0547	-1.5368 ± 0.0924				0.622
Model B	1st period	0.26 ± 133.88	1.0444 ± 0.0675	-0.9995 ± 0.1229		-0.2995 ± 0.0961		0.633
	2nd period	752.43 ± 95.23	0.9629 ± 0.0587	-1.5387 ± 0.0973		0.0038 ± 0.0575		0.622
Model C	1st period	-962.71 ± 126.96	1.0735 ± 0.0485	-0.3309 ± 0.1070	3.4356 ± 0.2980			0.799
	2nd period	30.62 ± 145.29	1.0385 ± 0.0526	-1.0668 ± 0.1198	1.8190 ± 0.3228			0.674
Model D	1st period	-1109.75 ± 139.25	1.1055 ± 0.0495	-0.2339 ± 0.1128	3.3191 ± 0.2972	-0.1693 ± 0.0709		0.807
	2nd period	33.02 ± 143.00	0.9974 ± 0.0539	-1.0453 ± 0.1182	2.2205 ± 0.3501	0.1582 ± 0.0580		0.686
Model E	1st period	-480.10 ± 118.32	0.7539 ± 0.0490	-0.3363 ± 0.0839	1.6813 ± 0.2670	-0.3806 ± 0.0560	-0.3277 ± 0.0304	0.895
	2nd period	99.69 ± 109.82	0.9454 ± 0.0416	-1.0242 ± 0.0907	2.4400 ± 0.2692	-0.0973 ± 0.0494	-0.2625 ± 0.0222	0.816

SD12		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	-375.21 ± 197.57	0.7775 ± 0.0611	-0.4837 ± 0.1851				0.545
	2nd period	-406.98 ± 191.77	0.8879 ± 0.0500	-0.5767 ± 0.1841				0.652
Model B	1st period	-1332.74 ± 156.87	1.1032 ± 0.0497	0.0257 ± 0.1345		-0.6993 ± 0.0561		0.783
	2nd period	-1248.39 ± 178.05	0.9608 ± 0.0414	0.0870 ± 0.1644		-0.4312 ± 0.0437		0.770
Model C	1st period	-819.17 ± 126.64	1.0416 ± 0.0420	-0.4203 ± 0.1154	2.0988 ± 0.1400			0.824
	2nd period	-800.71 ± 148.10	0.9405 ± 0.0379	-0.3286 ± 0.1402	1.6465 ± 0.1364			0.804
Model D	1st period	-1074.88 ± 140.40	1.0961 ± 0.0430	-0.2346 ± 0.1219	1.4954 ± 0.2136	-0.2799 ± 0.0770		0.840
	2nd period	-1012.78 ± 166.26	0.9545 ± 0.0377	-0.1466 ± 0.1541	1.2583 ± 0.1985	-0.1562 ± 0.0589		0.811
Model E	1st period	-595.45 ± 113.66	0.7813 ± 0.0435	-0.2757 ± 0.0908	0.8578 ± 0.1697	-0.4865 ± 0.0605	-0.2965 ± 0.0278	0.912
	2nd period	-701.86 ± 121.46	0.8586 ± 0.0280	-0.3051 ± 0.1111	1.6906 ± 0.1460	-0.2922 ± 0.0434	-0.2300 ± 0.0172	0.903

SD13		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R²
Model A	1st period	-1703.40 ± 201.83	0.8218 ± 0.0583	0.5544 ± 0.1554				0.605
	2nd period	-1008.31 ± 189.21	0.8631 ± 0.0504	-0.0632 ± 0.1732				0.642
Model B	1st period	-1826.17 ± 148.81	1.1334 ± 0.0515	0.3588 ± 0.1156		-0.5732 ± 0.0523		0.788
	2nd period	-1161.34 ± 190.56	0.8856 ± 0.0497	0.0550 ± 0.1729		-0.1936 ± 0.0589		0.660
Model C	1st period	-872.76 ± 146.63	1.1012 ± 0.0437	-0.4577 ± 0.1269	2.3418 ± 0.1732			0.829
	2nd period	-968.33 ± 167.16	0.8761 ± 0.0445	-0.1315 ± 0.1532	1.1078 ± 0.1454			0.722
Model D	1st period	-1074.57 ± 179.99	1.1294 ± 0.0458	-0.3058 ± 0.1490	1.8671 ± 0.3032	-0.1561 ± 0.0822		0.834
	2nd period	-999.93 ± 174.21	0.8800 ± 0.0450	-0.1057 ± 0.1584	1.0664 ± 0.1587	-0.0381 ± 0.0582		0.723
Model E	1st period	-594.35 ± 134.76	0.7795 ± 0.0444	-0.2874 ± 0.1062	1.0126 ± 0.2282	-0.4704 ± 0.0645	-0.3327 ± 0.0287	0.916
	2nd period	-505.72 ± 107.36	0.8246 ± 0.0271	-0.4485 ± 0.0964	2.1700 ± 0.1113	-0.2329 ± 0.0363	-0.3003 ± 0.0158	0.901

SD14		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R²
Model A	1st period	162.64 ± 165.94	0.8156 ± 0.0903	-0.9075 ± 0.1248				0.459
	2nd period	-3.20 ± 202.78	0.8580 ± 0.0540	-0.8237 ± 0.1811				0.556
Model B	1st period	369.33 ± 139.19	1.0602 ± 0.0807	-1.2825 ± 0.1134		-0.6434 ± 0.0819		0.636
	2nd period	-1011.65 ± 198.00	1.0253 ± 0.0480	-0.1369 ± 0.1663		-0.4382 ± 0.0452		0.695
Model C	1st period	19.56 ± 91.93	1.1888 ± 0.0544	-1.1987 ± 0.0709	2.4905 ± 0.1454			0.837
	2nd period	-1147.64 ± 153.38	0.9569 ± 0.0366	-0.0244 ± 0.1311	2.1478 ± 0.1342			0.802
Model D	1st period	8.09 ± 97.95	1.1860 ± 0.0552	-1.1889 ± 0.0766	2.5401 ± 0.2039	0.0268 ± 0.0770		0.837
	2nd period	-1278.51 ± 159.07	0.9905 ± 0.0383	0.0621 ± 0.1333	1.8680 ± 0.1693	-0.1217 ± 0.0460		0.809
Model E	1st period	114.64 ± 71.51	0.8144 ± 0.0527	-0.8532 ± 0.0635	1.2001 ± 0.1929	-0.4387 ± 0.0705	-0.3356 ± 0.0312	0.915
	2nd period	-844.54 ± 120.58	0.9049 ± 0.0287	-0.1972 ± 0.0992	2.2316 ± 0.1266	-0.2564 ± 0.0350	-0.2176 ± 0.0162	0.898

SD15		Intercept	S_{WE}	S_{AE}	T	RH^a	O₃	R²
Model A	1st period	1211.20 ± 242.16	0.9008 ± 0.1180	-1.8984 ± 0.2883				0.298
	2nd period	1455.17 ± 155.20	1.2443 ± 0.0810	-2.4648 ± 0.1843				0.554
Model B	1st period	911.69 ± 319.97	0.9893 ± 0.1330	-1.7240 ± 0.3122		-0.2561 ± 0.1797		0.308
	2nd period	1455.17 ± 155.20	1.2443 ± 0.0810	-2.4648 ± 0.1843				0.554
Model C	1st period	-166.53 ± 139.22	1.8265 ± 0.0748	-1.7541 ± 0.1448	4.8106 ± 0.2373			0.825
	2nd period	-438.20 ± 143.92	1.4576 ± 0.0516	-1.1488 ± 0.1363	3.6043 ± 0.2039			0.830
Model D	1st period	-104.50 ± 169.26	1.8111 ± 0.0786	-1.7939 ± 0.1576	4.8373 ± 0.2413,	0.0596 ± 0.0921		0.825
	2nd period	-438.20 ± 143.92	1.4576 ± 0.0516	-1.1488 ± 0.1363	3.6043 ± 0.2039			0.830
Model E	1st period	-56.70 ± 134.13	1.2676 ± 0.0865	-1.2255 ± 0.1397	3.1038 ± 0.2705	-0.3717 ± 0.0871	-0.3226 ± 0.0356	0.891
	2nd period	-217.54 ± 133.72	1.2729 ± 0.0539	-1.1467 ± 0.1228	3.7105 ± 0.1844		-0.1401 ± 0.0207	0.863

^a RH sensor breaks down after July 25

SD16		Intercept	S_{WE}	S_{AE}	T	RH	O₃	R^2
Model A	1st period	-594.31 ± 220.12	0.8007 ± 0.0704	-0.3192 ± 0.1976				0.485
	2nd period ^a	-254.68 ± 307.78	0.3469 ± 0.0885	-0.1361 ± 0.2747				0.275
Model B	1st period	-1537.42 ± 194.12	1.1674 ± 0.0655	0.1164 ± 0.1584		-0.5503 ± 0.0550		0.696
	2nd period ^a	-1053.52 ± 346.39	0.5320 ± 0.0926	0.3510 ± 0.2752		-0.2220 ± 0.0601		0.452
Model C	1st period	-1045.41 ± 129.96	1.2206 ± 0.0476	-0.4227 ± 0.1144	2.4971 ± 0.1466			0.829
	2nd period ^a	-1118.84 ± 294.51	0.5547 ± 0.0805	0.3426 ± 0.2357	1.3564 ± 0.2612			0.558
Model D	1st period	-1215.51 ± 146.15	1.2551 ± 0.0490	-0.3038 ± 0.1229	2.1742 ± 0.1972	-0.1333 ± 0.0555		0.836
	2nd period ^a	-1156.53 ± 316.09	0.5629 ± 0.0846	0.3693 ± 0.2498	1.2518 ± 0.3962	-0.0290 ± 0.0819		0.560
Model E	1st period	-623.06 ± 135.29	0.8844 ± 0.0575	-0.3786 ± 0.0993	1.5146 ± 0.1753	-0.2937 ± 0.0482	-0.2883 ± 0.0325	0.894
	2nd period ^a	-553.67 ± 329.07	0.7349 ± 0.0897	-0.2996 ± 0.2928	1.7739 ± 0.3817	-0.2115 ± 0.0894	-0.2733 ± 0.0783	0.663

^a Only 18% uptime in 2nd calibration period