

Dust emissivity in the star-forming filament OMC 2/3 (Corrigendum)

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An error occurred during the calculation of core mass in Table 1. The code used to complete the spectral energy distribution (SED) fitting did not have the correct distance to Orion. As such, the masses given in the original publication are a factor of 3.2 too low. For completeness, we re-ran our Monte Carlo SED fitting using an assumed distance to Orion of 420 pc and confirmed that the dust temperature and dust opacity indices (β) are consistent with the original publication. We also confirm that the 3 mm

observations are still elevated relative to the *Herschel* + IRAM best-fit SEDs. Thus, the conclusions of the paper are unaffected by this error.

We provide here a revised version of Table 1 containing the updated source properties from the distance-corrected SED fitting. Temperature and β are largely unchanged from the published values (within errors from the Monte Carlo fitting). The masses have increased by a factor of ~ 3.2 .

Table 1. Updated core properties for a distance of 420 pc.

Name	HOPS	RA (J2000)	Dec (J2000)	Dust temperatures			Gas temperatures		
				T_{dust} (K)	β	M (M_{\odot})	T_{gas} (K)	β	M (M_{\odot})
NW167	096	5:35:30.0	-4:58:48	17.8 ± 2.1	1.8 ± 0.2	2.4 ± 1.0
NW165	383	5:35:30.0	-4:59:46	20.6 ± 2.5	1.8 ± 0.1	0.8 ± 0.3
MMS 2	092	5:35:18.6	-5:00:31	14.6 ± 1.1	2.0 ± 0.1	14 ± 4	16	1.9 ± 0.1	10 ± 1
MMS 4	089	5:35:20.4	-5:00:51	9.7 ± 0.6	2.9 ± 0.2	39 ± 9	14	2.0 ± 0.1	7.6 ± 0.4
MMS 5	088	5:35:22.6	-5:01:14	21.6 ± 2.5	1.5 ± 0.1	2.0 ± 0.7	19	1.7 ± 0.1	3.0 ± 0.2
MMS 6	086	5:35:23.6	-5:01:31	25.0 ± 3.3	1.3 ± 0.1	2.6 ± 1.0	27	1.2 ± 0.1	2.3 ± 0.1
MMS 7	084	5:35:26.6	-5:03:57	28.2 ± 4.4	1.7 ± 0.1	0.9 ± 0.4	19	2.2 ± 0.1	3.0 ± 0.2
MMS 8	...	5:35:26.8	-5:05:18	12.3 ± 0.8	2.5 ± 0.1	11 ± 3	13	2.4 ± 0.1	8.9 ± 0.5
MMS 9	078	5:35:26.3	-5:05:45	15.3 ± 1.2	2.1 ± 0.1	5.7 ± 1.9	19	1.8 ± 0.1	2.6 ± 0.1
MMS 10	077	5:35:32.4	-5:05:49	15.9 ± 1.2	2.1 ± 0.1	2.9 ± 0.9
FIR 2	068	5:35:24.7	-5:08:32	14.3 ± 2.0	1.9 ± 0.2	2.5 ± 1.2	18	1.6 ± 0.1	1.2 ± 0.1
FIR 3	370	5:35:27.8	-5:09:34	34.9 ± 6.8	1.7 ± 0.1	1.7 ± 0.8	28	1.9 ± 0.1	3.2 ± 0.2
FIR 4	108	5:35:27.0	-5:09:59	28.7 ± 4.3	1.5 ± 0.1	6.6 ± 2.5	23	1.6 ± 0.1	12 ± 1
FIR 6b	060	5:35:23.6	-5:12:04	21.5 ± 2.7	1.9 ± 0.1	1.7 ± 0.7	17	2.2 ± 0.1	4.0 ± 0.2
FIR 6a	...	5:35:23.5	-5:12:38	17.0 ± 1.6	1.9 ± 0.1	9.1 ± 3.2	17	1.9 ± 0.1	9.4 ± 0.6
FIR 6c	059	5:35:21.7	-5:13:14	15.6 ± 1.2	2.1 ± 0.1	7.2 ± 2.2	24	1.6 ± 0.1	1.8 ± 0.1
NW099	056	5:35:19.8	-5:15:35	23.4 ± 3.2	1.9 ± 0.1	1.6 ± 0.6	15	2.6 ± 0.1	7.0 ± 0.4