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Erratum: "Measuring the Dust Masses of Protoplanetary Disks in Lupus with ALMA: Evidence That Disks Can Be Optically Thick at 3 mm" (2023, ApJ, 942, 4)

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We present a new table (Table 3) that includes the summary statistics for Figure 2 of the published article.

Table 3
Summary Statistics of Posteriors for Lupus

Source	$\dot{M}$ ($\times 10^{-8} M_\odot$ yr^{-1})	$\log_{10}(\alpha)$	$\log_{10}(\epsilon)$	$R_{\rm disk}$ (au)	$a_{\rm max,upper}$ (μm)	$a_{\rm max,midplane}$ (mm)	$M_{\rm dust}$ ($M_\oplus$)
J15450634-3417378	$0.13^{+0.45}_{-0.11}$	$-2.41^{+0.62}_{-0.76}$	$-0.67^{+0.43}_{-0.67}$	156^{+95}_{-92}	$0.61^{+1.9}_{-0.28}$	$1.6^{+4.2}_{-1.3}$	$11.9^{+9.8}_{-5.2}$
J15450887-3417333	$2.1^{+1.3}_{-1.6}$	$-2.07^{+0.38}_{-1.1}$	$-2.55^{+1.2}_{-0.91}$	118^{+130}_{-99}	$1.05^{+2.2}_{-0.32}$	$1.3^{+4.0}_{-1.0}$	34^{+48}_{-15}
J15560210-3655282	$0.045^{+0.14}_{-0.028}$	$-3.27^{+0.58}_{-0.47}$	$-1.47^{+0.78}_{-0.63}$	110^{+120}_{-81}	$1.8^{+3.4}_{-1.3}$	$1.09^{+4.1}_{-0.87}$	$26.8^{+17}_{-7.6}$
J15592523-4235066	$0.0157^{+0.011}_{-0.0044}$	$-2.47^{+0.28}_{-0.26}$	$-3.48^{+0.56}_{-0.38}$	152^{+100}_{-90}	$0.54^{+2.3}_{-0.23}$	$1.13^{+3.8}_{-0.90}$	$1.44^{+1.7}_{-0.74}$
J16000060-4221567	$0.024^{+0.046}_{-0.011}$	$-2.46^{+0.50}_{-0.36}$	$-3.40^{+0.73}_{-0.45}$	153^{+100}_{-94}	$1.6^{+4.6}_{-1.1}$	$0.88^{+3.1}_{-0.66}$	$2.0^{+2.1}_{-1.0}$
J16000236-4222145	$0.131^{+0.18}_{-0.064}$	$-3.68^{+0.41}_{-0.23}$	$-3.47^{+0.66}_{-0.38}$	191^{+75}_{-83}	$1.7^{+5.2}_{-1.1}$	$0.61^{+2.2}_{-0.42}$	214^{+150}_{-90}
J16002612-4153553	$0.026^{+0.058}_{-0.014}$	$-2.14^{+0.55}_{-0.38}$	$-3.32^{+0.86}_{-0.53}$	157^{+100}_{-98}	$0.72^{+3.3}_{-0.37}$	$0.90^{+3.3}_{-0.69}$	$0.81^{+0.94}_{-0.42}$
J16030548-4018254	$18.3^{+7.6}_{-4.9}$	$-1.19^{+0.14}_{-0.37}$	$-3.38^{+0.83}_{-0.38}$	$12.4^{+5.0}_{-1.8}$	$2.0^{+3.4}_{-1.7}$	$2.5^{+4.7}_{-2.3}$	$12.5^{+16}_{-4.1}$
J16070384-3911113	$0.19^{+0.14}_{-0.11}$	$-1.70^{+0.29}_{-0.38}$	$-0.99^{+0.71}_{-1.3}$	148^{+100}_{-97}	$2.1^{+3.7}_{-1.7}$	$0.76^{+3.9}_{-0.57}$	$2.19^{+1.9}_{-0.97}$
J16073773-3921388	$0.0140^{+0.010}_{-0.0031}$	$-2.85^{+0.23}_{-0.22}$	$-3.59^{+0.26}_{-0.24}$	78^{+82}_{-40}	$6.6^{+2.5}_{-3.0}$	$0.46^{+1.7}_{-0.25}$	$2.20^{+1.7}_{-0.80}$
J16075475-3915446	$0.054^{+0.11}_{-0.035}$	$-2.09^{+0.52}_{-0.51}$	$-0.116^{+0.087}_{-0.21}$	152^{+90}_{-77}	$2.3^{+1.8}_{-1.1}$	$1.7^{+4.6}_{-1.5}$	$2.40^{+1.4}_{-0.79}$
J16080017-3902595	$0.0157^{+0.013}_{-0.0046}$	$-3.16^{+0.34}_{-0.37}$	$-3.44^{+0.26}_{-0.31}$	40^{+59}_{-22}	$7.7^{+1.4}_{-1.5}$	$1.4^{+4.1}_{-1.1}$	$2.78^{+1.5}_{-0.88}$
J16084940-3905393	$0.67^{+0.28}_{-0.25}$	$-1.077^{+0.057}_{-0.12}$	$-3.18^{+0.41}_{-0.30}$	$16.3^{+29}_{-4.9}$	$0.45^{+1.5}_{-0.16}$	$6.1^{+2.8}_{-4.3}$	$0.33^{+0.19}_{-0.12}$
J16085324- 3914401	$0.031^{+0.075}_{-0.017}$	$-3.26^{+0.52}_{-0.38}$	$-3.57^{+0.44}_{-0.29}$	135^{+98}_{-77}	$1.14^{+4.6}_{-0.53}$	$0.74^{+3.1}_{-0.55}$	$15.9^{+11}_{-5.4}$
J16085529-3848481	$0.0156^{+0.015}_{-0.0043}$	$-2.62^{+0.39}_{-0.29}$	$-3.45^{+0.73}_{-0.40}$	143^{+110}_{-90}	$1.9^{+4.9}_{-1.4}$	$0.77^{+3.1}_{-0.55}$	$2.0^{+2.9}_{-1.2}$
J16092697-3836269	$0.042^{+0.098}_{-0.027}$	$-2.33^{+0.52}_{-0.43}$	$-2.22^{+0.78}_{-0.80}$	169^{+93}_{-120}	$3.8^{+3.7}_{-2.2}$	$1.6^{+4.0}_{-1.3}$	$2.25^{+1.7}_{-0.86}$
J16124373-3815031	$0.032^{+0.058}_{-0.018}$	$-3.22^{+0.44}_{-0.36}$	$-3.44^{+0.41}_{-0.34}$	154^{+94}_{-90}	$3.4^{+3.9}_{-3.0}$	$0.85^{+3.0}_{-0.63}$	$19.7^{+13}_{-7.1}$
Sz 103	$0.023^{+0.039}_{-0.011}$	$-2.92^{+0.42}_{-0.30}$	$-2.30^{+0.26}_{-0.29}$	168^{+86}_{-85}	$1.15^{+0.76}_{-0.42}$	$1.8^{+4.2}_{-1.4}$	$5.1^{+2.9}_{-1.6}$
Sz 104	$0.025^{+0.11}_{-0.013}$	$-2.38^{+0.67}_{-0.42}$	$-1.05^{+0.57}_{-0.47}$	44^{+170}_{-28}	$5.1^{+2.3}_{-2.0}$	$1.4^{+4.2}_{-1.2}$	$0.94^{+0.51}_{-0.32}$
Sz 106	$0.198^{+0.23}_{-0.072}$	$-1.22^{+0.16}_{-0.26}$	$-3.16^{+0.28}_{-0.30}$	73^{+140}_{-54}	$1.27^{+0.42}_{-0.31}$	$3.0^{+4.1}_{-2.6}$	$0.77^{+0.57}_{-0.33}$
Sz 110	$1.11^{+0.51}_{-0.41}$	$-1.78^{+0.39}_{-0.57}$	$-3.13^{+0.30}_{-0.28}$	60^{+180}_{-49}	$0.313^{+0.21}_{-0.046}$	$2.9^{+4.6}_{-2.4}$	$7.4^{+4.5}_{-2.8}$
Sz 113	$0.111^{+0.053}_{-0.039}$	$-2.84^{+0.23}_{-0.28}$	$-3.05^{+0.23}_{-0.28}$	214^{+67}_{-140}	$4.1^{+1.8}_{-1.5}$	$1.7^{+4.0}_{-1.4}$	$25.3^{+15}_{-9.4}$
Sz 114	$0.53^{+0.92}_{-0.39}$	$-2.74^{+0.49}_{-0.60}$	$-3.12^{+0.31}_{-0.35}$	130^{+120}_{-100}	$5.7^{+1.7}_{-1.8}$	$1.9^{+3.8}_{-1.5}$	49^{+25}_{-16}
Sz 117	$0.0159^{+0.013}_{-0.0044}$	$-3.20^{+0.34}_{-0.27}$	$-2.71^{+0.27}_{-0.25}$	77^{+68}_{-33}	$1.54^{+1.9}_{-0.29}$	$2.4^{+4.2}_{-1.9}$	$4.3^{+2.0}_{-1.3}$
Sz 130	$0.044^{+0.13}_{-0.029}$	$-2.12^{+0.60}_{-0.46}$	$-1.79^{+0.56}_{-0.50}$	144^{+100}_{-97}	$0.68^{+5.1}_{-0.35}$	$0.80^{+3.4}_{-0.61}$	$1.52^{+0.86}_{-0.45}$
Sz 131	$0.150^{+0.18}_{-0.086}$	$-2.02^{+0.37}_{-0.41}$	$-3.46^{+0.56}_{-0.37}$	165^{+91}_{-97}	$4.5^{+3.7}_{-2.6}$	$1.03^{+3.0}_{-0.81}$	$5.8^{+3.6}_{-2.4}$
Sz 65	$0.20^{+1.2}_{-0.17}$	$-2.68^{+0.87}_{-0.79}$	$-3.57^{+0.42}_{-0.30}$	191^{+80}_{-120}	$7.2^{+1.8}_{-2.0}$	$1.8^{+4.2}_{-1.4}$	38^{+22}_{-14}
Sz 66	$0.137^{+0.37}_{-0.090}$	$-2.36^{+0.55}_{-0.49}$	$-3.30^{+0.37}_{-0.34}$	216^{+62}_{-110}	$1.20^{+0.29}_{-0.20}$	$2.9^{+4.2}_{-2.2}$	$10.3^{+5.6}_{-3.8}$
Sz 69	$0.19^{+0.57}_{-0.16}$	$-2.74^{+0.84}_{-0.77}$	$-2.54^{+0.71}_{-0.73}$	85^{+140}_{-70}	$1.94^{+3.9}_{-0.98}$	$1.6^{+4.4}_{-1.4}$	$9.5^{+8.6}_{-3.6}$
Sz 71	$0.063^{+0.089}_{-0.028}$	$-3.68^{+0.41}_{-0.23}$	$-3.81^{+0.17}_{-0.13}$	197^{+69}_{-76}	$3.8^{+1.3}_{-1.0}$	$0.58^{+1.7}_{-0.37}$	133^{+57}_{-39}
Sz 72	$0.47^{+0.82}_{-0.28}$	$-1.70^{+0.43}_{-0.45}$	$-3.04^{+0.24}_{-0.34}$	187^{+81}_{-120}	$1.38^{+0.75}_{-0.88}$	$2.8^{+3.9}_{-2.1}$	$5.8^{+3.0}_{-2.1}$

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Table 3
(Continued)

Source	$\dot{M}$ ($\times 10^{-8} M_{\odot}$ yr^{-1})	$\log_{10}(\alpha)$	$\log_{10}(\epsilon)$	$R_{\rm disk}$ (au)	$a_{\rm max,upper}$ (μm)	$a_{\rm max,midplane}$ (mm)	$M_{\rm dust}$ ($M_{\oplus}$)
Sz 73	$9.2^{+1.7}_{-1.3}$	$-1.092^{+0.068}_{-0.12}$	$-1.66^{+1.3}_{-0.75}$	$11.7^{+2.8}_{-1.3}$	$3.8^{+2.0}_{-1.1}$	$4.7^{+3.5}_{-3.4}$	$6.1^{+1.6}_{-1.1}$
Sz 75	$0.15^{+0.69}_{-0.12}$	$-3.14^{+0.82}_{-0.60}$	$-2.46^{+0.51}_{-0.50}$	66^{+130}_{-36}	$4.4^{+3.3}_{-2.4}$	$2.5^{+4.3}_{-2.0}$	$37.1^{+15}_{-9.9}$
Sz 82	$0.88^{+1.6}_{-0.67}$	$-3.01^{+0.40}_{-0.62}$	$-3.874^{+0.19}_{-0.095}$	208^{+65}_{-79}	$1.26^{+0.40}_{-0.31}$	$0.45^{+0.71}_{-0.24}$	262^{+96}_{-59}
Sz 83	$25.2^{+4.4}_{-4.7}$	$-1.46^{+0.35}_{-0.81}$	$-3.18^{+0.45}_{-0.42}$	62^{+100}_{-22}	$2.47^{+0.91}_{-0.53}$	$1.15^{+4.0}_{-0.95}$	159^{+390}_{-73}
Sz 90	$0.058^{+0.15}_{-0.040}$	$-2.73^{+0.62}_{-0.54}$	$-1.72^{+0.62}_{-0.62}$	102^{+140}_{-82}	$1.24^{+2.2}_{-0.47}$	$2.7^{+4.4}_{-2.2}$	$8.6^{+4.3}_{-3.0}$
Sz 95	$0.0214^{+0.040}_{-0.0090}$	$-2.68^{+0.50}_{-0.29}$	$-3.69^{+0.55}_{-0.24}$	170^{+85}_{-94}	$1.01^{+4.3}_{-0.60}$	$0.79^{+2.7}_{-0.58}$	$3.8^{+3.6}_{-1.9}$
Sz 96	$0.23^{+0.21}_{-0.16}$	$-1.45^{+0.32}_{-0.55}$	$-2.37^{+0.30}_{-0.31}$	41^{+120}_{-26}	$0.280^{+0.044}_{-0.022}$	$1.6^{+4.7}_{-1.4}$	$0.74^{+0.52}_{-0.25}$
Sz 97	$0.040^{+0.14}_{-0.025}$	$-2.30^{+0.63}_{-0.48}$	$-2.58^{+1.0}_{-0.83}$	160^{+96}_{-110}	$0.61^{+2.2}_{-0.28}$	$1.2^{+4.1}_{-1.0}$	$1.89^{+1.9}_{-0.80}$
Sz 98	$8.1^{+2.0}_{-1.7}$	$-1.57^{+0.10}_{-0.13}$	$-3.896^{+0.14}_{-0.075}$	220^{+57}_{-80}	$0.61^{+0.13}_{-0.14}$	$1.00^{+1.8}_{-0.65}$	120^{+37}_{-26}
V856 Sco	$0.37^{+2.8}_{-0.34}$	$-2.36^{+0.94}_{-0.94}$	$-1.7^{+1.1}_{-1.3}$	89^{+140}_{-74}	$1.39^{+3.6}_{-0.94}$	$1.7^{+4.4}_{-1.5}$	$14.6^{+16}_{-6.3}$

Note. The reported values and uncertainties are obtained from the 16th, 50th, and 84th percentiles, respectively.

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