1 Ranges (My preferred version)

Table 1: Likely Schechter parameters ranges for SMF given by 16th and 84th percentile.

z	ϕ_* [cMpc^{-1} dex^{-1}]	$\log M_*$ [$M_\odot$]	α
0	$[0.3\text{-}1.0] \cdot 10^{-3}$	$[11.1\text{-}11.3]$	$-[1.5\text{-}1.2]$
1	$[0.4\text{-}1.1] \cdot 10^{-3}$	$[10.9\text{-}11.2]$	$-[1.5\text{-}1.2]$
2	$[3.0\text{-}8.0] \cdot 10^{-4}$	$[10.9\text{-}11.1]$	$-[1.5\text{-}1.2]$
3	$[1.7\text{-}3.5] \cdot 10^{-4}$	$[10.9\text{-}11.1]$	$-[1.5\text{-}1.3]$
4	$[0.5\text{-}1.6] \cdot 10^{-4}$	$[10.7\text{-}10.9]$	$-[1.8\text{-}1.5]$
5	$[1.8\text{-}3.9] \cdot 10^{-5}$	$[10.9\text{-}12.0]$	$-[1.9\text{-}1.4]$
6	$[0.5\text{-}1.3] \cdot 10^{-5}$	$[10.8\text{-}11.0]$	$-[2.1\text{-}1.8]$
7	$[2.4\text{-}7.0] \cdot 10^{-6}$	$[10.9\text{-}11.5]$	$-[2.1\text{-}1.7]$
8	$[0.4\text{-}1.6] \cdot 10^{-6}$	$[10.8\text{-}11.6]$	$-[2.2\text{-}1.7]$
9	$[1.0\text{-}4.1] \cdot 10^{-7}$	$[10.9\text{-}11.5]$	$-[2.1\text{-}1.8]$
10	$[1.5\text{-}7.4] \cdot 10^{-8}$	$[10.9\text{-}11.5]$	$-[2.1\text{-}1.8]$

Table 2: Likely Schechter parameters ranges for UVLF given by 16th and 84th percentile. Ranges for ϕ_* and M_*^{UV} larger, since little data is available for the faint-end UVLF, resulting in bimodal parameter distribution.

z	ϕ_* [cMpc^{-1} dex^{-1}]	M_*^{UV} (mag)	α
0	$[0.2\text{-}1.2] \cdot 10^{-4}$	$-[22.5\text{-}21.5]$	$-[1.7\text{-}1.4]$
1	$[0.5\text{-}9.4] \cdot 10^{-4}$	$-[40.9\text{-}20.8]$	$-[1.5\text{-}1.2]$
2	$[0.5\text{-}2.0] \cdot 10^{-3}$	$-[21.6\text{-}20.5]$	$-[1.8\text{-}1.5]$
3	$[0.4\text{-}1.2] \cdot 10^{-3}$	$-[21.5\text{-}20.9]$	$-[1.8\text{-}1.5]$
4	$[3.6\text{-}7.5] \cdot 10^{-4}$	$-[21.7\text{-}21.2]$	$-[1.9\text{-}1.6]$
5	$[1.5\text{-}2.4] \cdot 10^{-4}$	$-[21.8\text{-}21.5]$	$-[2.0\text{-}1.8]$
6	$[1.1\text{-}1.7] \cdot 10^{-4}$	$-[21.6\text{-}21.3]$	$-[2.1\text{-}1.9]$
7	$[0.7\text{-}1.0] \cdot 10^{-4}$	$-[21.6\text{-}21.2]$	$-[2.1\text{-}1.9]$
8	$[3.9\text{-}7.5] \cdot 10^{-5}$	$-[21.9\text{-}21.3]$	$-[2.1\text{-}1.9]$
9	$[0.9\text{-}2.4] \cdot 10^{-5}$	$-[22.2\text{-}21.2]$	$-[2.1\text{-}1.8]$
10	$[2.2\text{-}6.0] \cdot 10^{-6}$	$-[22.0\text{-}21.3]$	$-[2.1\text{-}1.9]$

2 With Medians (Misleading representation in my opinion)

Table 3: Schechter parameters for SMF (median of distribution). Errors are 16th and 84th percentile.

z	ϕ_* [cMpc^{-1} dex^{-1}]	$\log M_*$ [$M_\odot$]	α
0	$\left(5.5^{+3.3}_{-3.0}\right) \cdot 10^{-4}$	$11.4^{+0.3}_{-0.1}$	$-1.4^{+0.2}_{-0.1}$
1	$\left(5.9^{+2.3}_{-2.5}\right) \cdot 10^{-4}$	$11.1^{+0.1}_{-0.1}$	$-1.3^{+0.1}_{-0.2}$
2	$\left(4.2^{+2.7}_{-1.6}\right) \cdot 10^{-4}$	$11.0^{+0.2}_{-0.1}$	$-1.4^{+0.2}_{-0.1}$
3	$\left(2.1^{+1.8}_{-0.6}\right) \cdot 10^{-4}$	$11.0^{+0.1}_{-0.1}$	$-1.5^{+0.1}_{-0.1}$
4	$\left(9.0^{+6.4}_{-3.8}\right) \cdot 10^{-5}$	$10.9^{+0.1}_{-0.1}$	$-1.6^{+0.2}_{-0.2}$
5	$\left(2.5^{+1.0}_{-0.7}\right) \cdot 10^{-5}$	$11.0^{+0.1}_{-0.1}$	$-1.7^{+0.1}_{-0.2}$
6	$\left(8.5^{+5.6}_{-3.3}\right) \cdot 10^{-6}$	$10.9^{+0.1}_{-0.1}$	$-1.9^{+0.1}_{-0.1}$
7	$\left(4.1^{+2.4}_{-2.0}\right) \cdot 10^{-6}$	$11.0^{+0.3}_{-0.2}$	$-1.9^{+0.2}_{-0.2}$
8	$\left(1.1^{+0.8}_{-0.6}\right) \cdot 10^{-6}$	$11.2^{+0.4}_{-0.3}$	$-1.9^{+0.2}_{-0.3}$
9	$\left(2.6^{+1.6}_{-1.3}\right) \cdot 10^{-7}$	$11.3^{+0.3}_{-0.4}$	$-1.9^{+0.1}_{-0.2}$
10	$\left(3.6^{+2.7}_{-1.8}\right) \cdot 10^{-8}$	$11.3^{+0.1}_{-0.3}$	$-2.0^{+0.1}_{-0.2}$

Table 4: Schechter parameters for UVLF (median of distribution). Errors are 16th and 84th percentile. value at for M at z=0 so high because distribution at that value is very weird: bimodal with one center at approx -22 and one at approx -39. Hopefully that gets resolved with Pratikas additional data, otherwise choose the more sensible mode manually

z	ϕ_* [cMpc^{-1} dex^{-1}]	M_*^{UV} (mag)	α
0	$\left(3.9^{+5.8}_{-3.6}\right) \cdot 10^{-4}$	$-24.9^{+2.7}_{-15.4}$	$-1.3^{+0.1}_{-0.2}$
1	$\left(7.6^{+4.2}_{-5.1}\right) \cdot 10^{-4}$	$-22.4^{+1.0}_{-0.8}$	$-1.4^{+0.1}_{-0.2}$
2	$\left(7.9^{+4.2}_{-2.4}\right) \cdot 10^{-4}$	$-22.1^{+0.4}_{-0.4}$	$-1.6^{+0.1}_{-0.1}$
3	$\left(8.1^{+4.2}_{-2.9}\right) \cdot 10^{-4}$	$-21.7^{+0.3}_{-0.3}$	$-1.7^{+0.1}_{-0.1}$
4	$\left(4.8^{+2.7}_{-1.2}\right) \cdot 10^{-4}$	$-21.6^{+0.2}_{-0.3}$	$-1.7^{+0.1}_{-0.1}$
5	$\left(1.9^{+0.5}_{-0.3}\right) \cdot 10^{-4}$	$-21.7^{+0.2}_{-0.1}$	$-1.8^{+0.1}_{-0.1}$
6	$\left(1.3^{+0.4}_{-0.2}\right) \cdot 10^{-4}$	$-21.4^{+0.1}_{-0.1}$	$-2.0^{+0.1}_{-0.1}$
7	$\left(7.5^{+2.0}_{-1.3}\right) \cdot 10^{-5}$	$-21.4^{+0.1}_{-0.2}$	$-2.0^{+0.1}_{-0.1}$
8	$\left(5.1^{+1.9}_{-1.3}\right) \cdot 10^{-5}$	$-21.4^{+0.2}_{-0.2}$	$-2.0^{+0.1}_{-0.1}$
9	$\left(1.9^{+1.2}_{-0.8}\right) \cdot 10^{-5}$	$-21.3^{+0.2}_{-0.2}$	$-2.1^{+0.1}_{-0.1}$
10	$\left(5.7^{+4.2}_{-2.7}\right) \cdot 10^{-6}$	$-21.1^{+0.2}_{-0.1}$	$-2.2^{+0.1}_{-0.1}$