(f)Quasar Luminosity Functions in Host Halo Mass bins All SMBHs $13 < \log M_{
m peak} < 14$ 10^{-6} dex_ $11 < \log M_{
m peak} < 12$ — $14 < \log M_{
m peak} < 15$ $12 < \log M_{\rm peak} < 13$ Density [Mpc] 10^{-8} 10^{-10} 10^{-12} Number 10⁻¹⁴ z = 10.0 10^{43} 10^{48} 10^{44} 10^{45} 10^{47} 10^{46} Bolometric Luminosity [ergs s⁻¹]