(f)Quasar Luminosity Functions in Host Halo Mass bins All SMBHs $13 < \log M_{
m peak} < 14$ _dex_ $11 < \log M_{
m peak} < 12$ — $14 < \log M_{
m peak} < 15$ $12 < \log M_{\rm peak} < 13$ Density [Mpc Number 10⁻¹¹ z = 6.0 10^{48} 10^{43} 10^{44} 10^{45} 10^{47} 10^{46} Bolometric Luminosity [ergs s⁻¹]