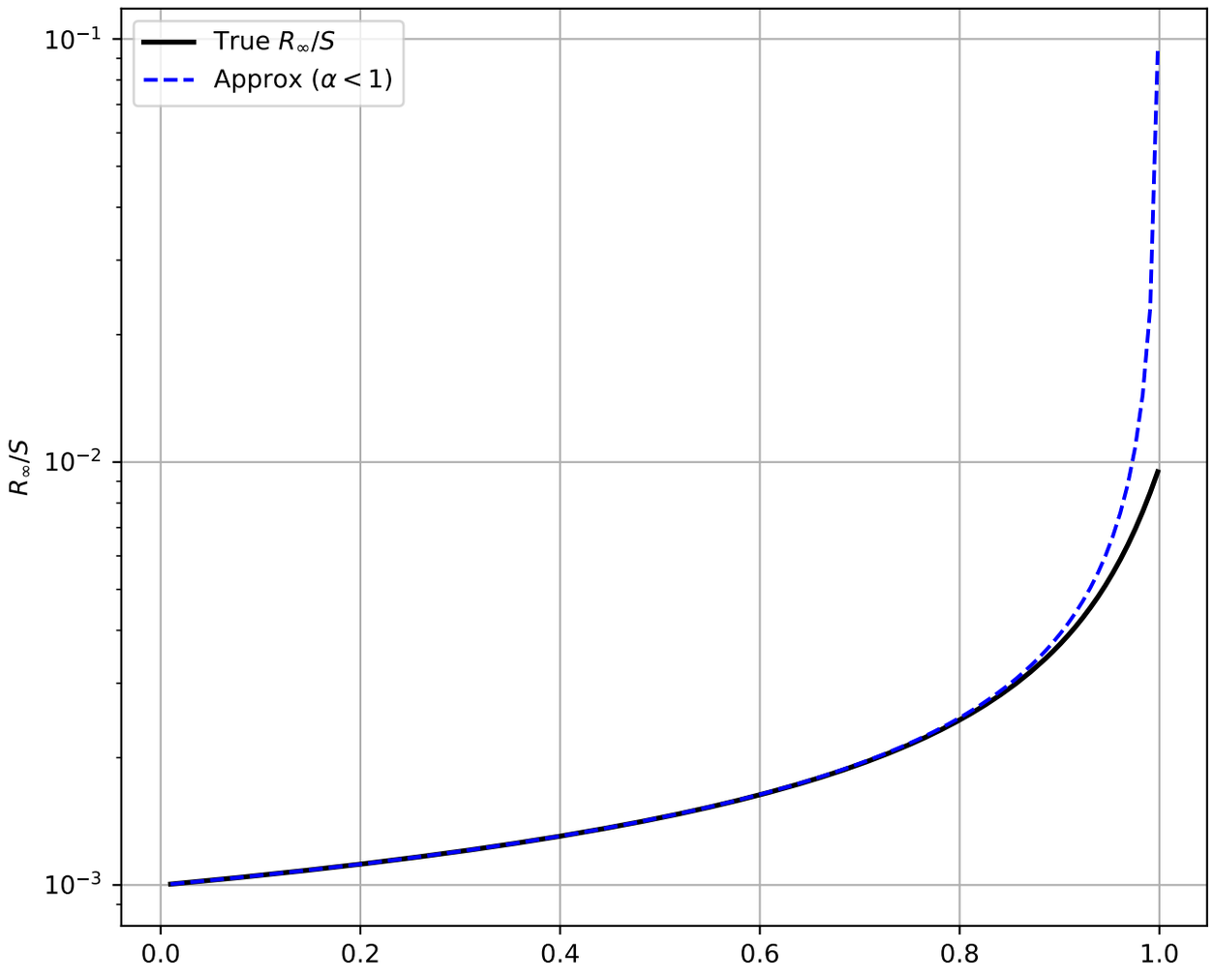
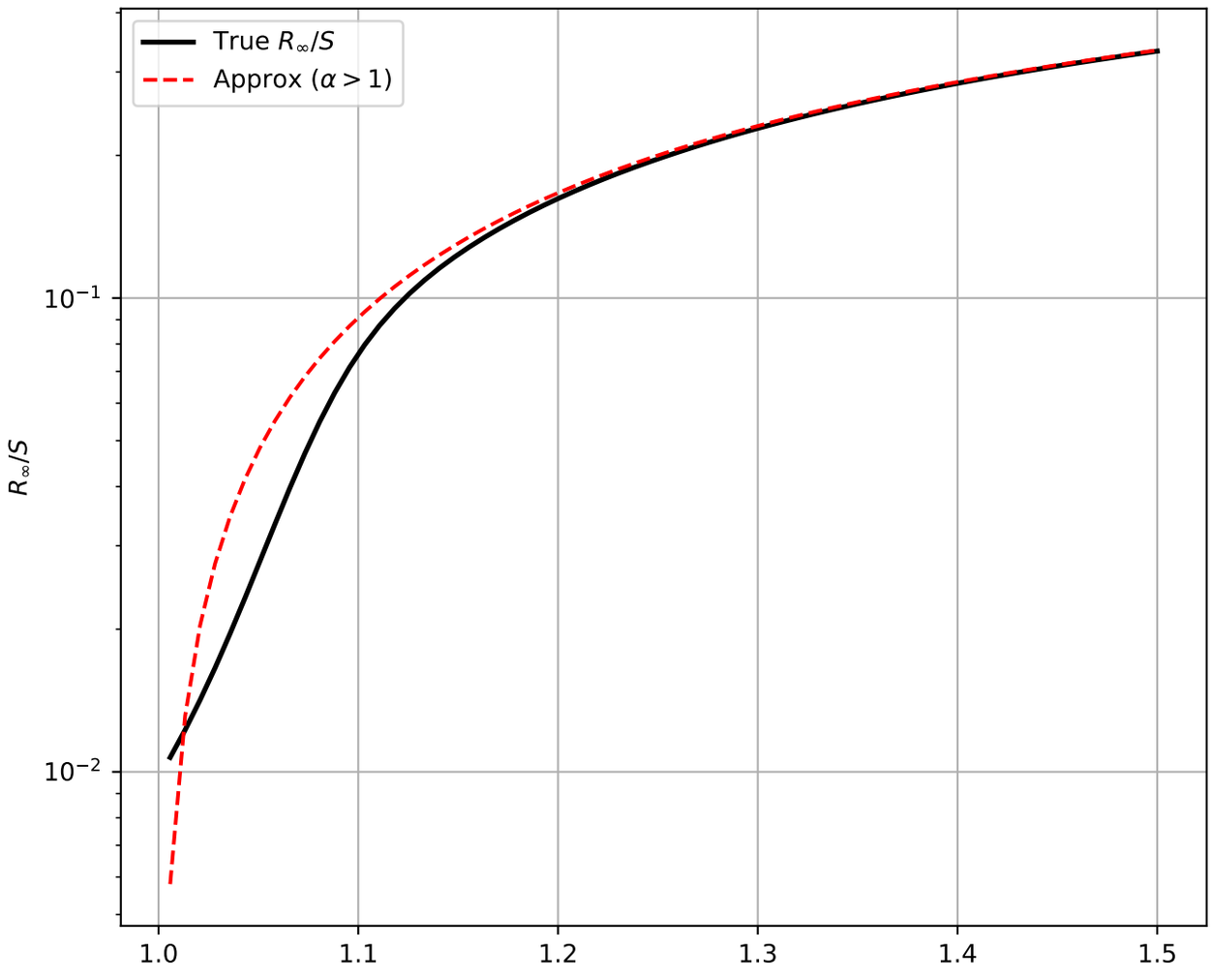
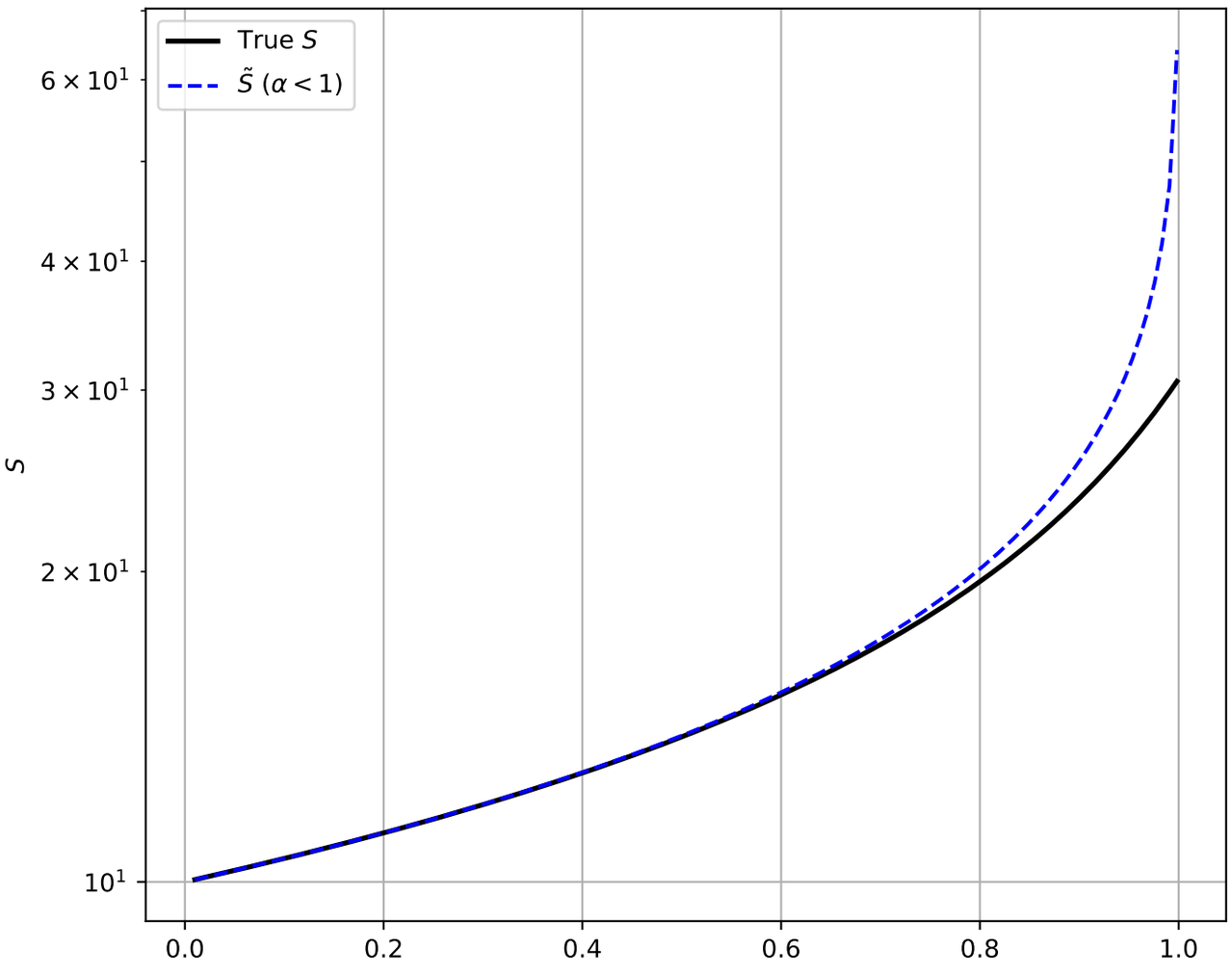
Trait per individual for $\alpha < 1$



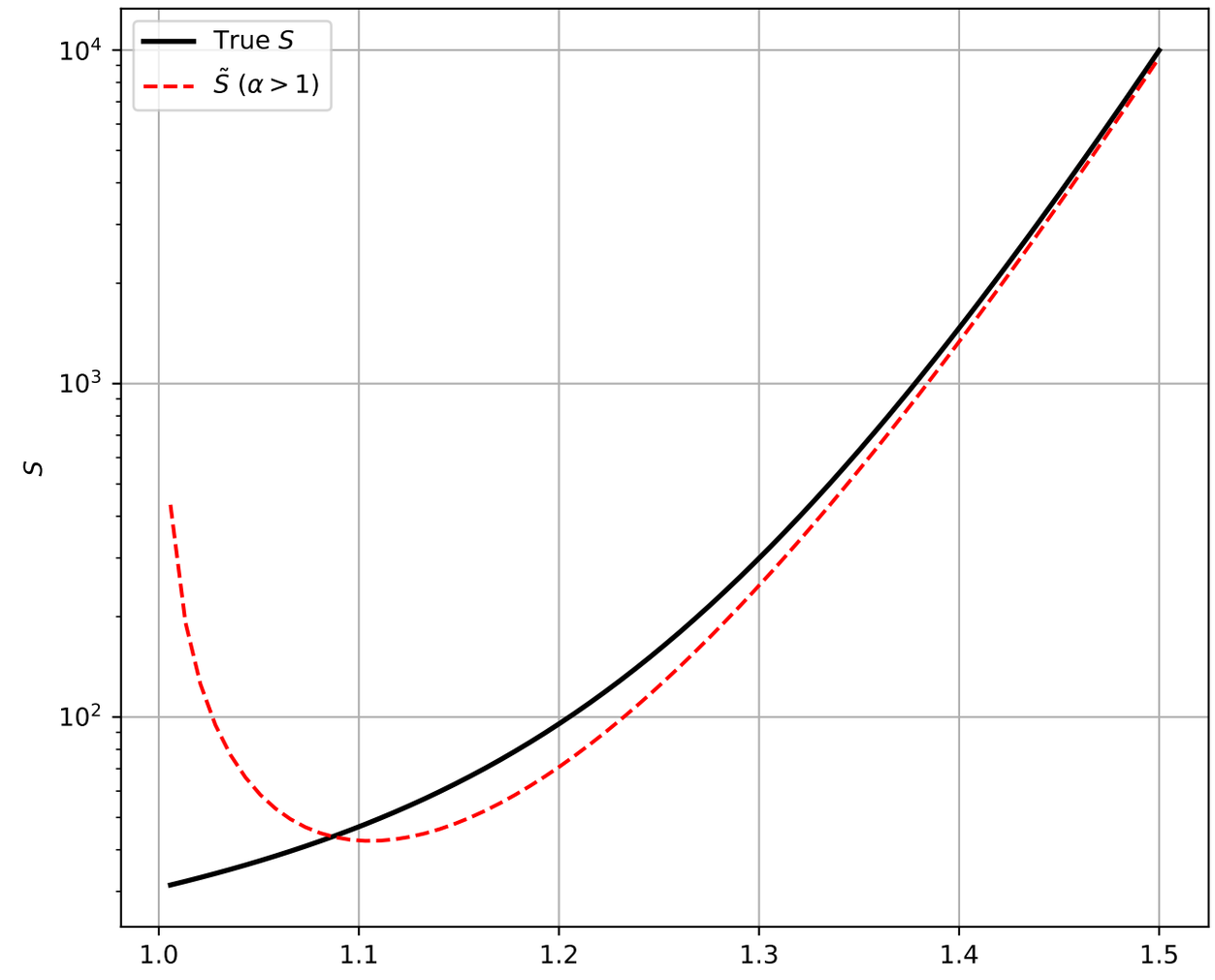
Trait per individual for $\alpha > 1$



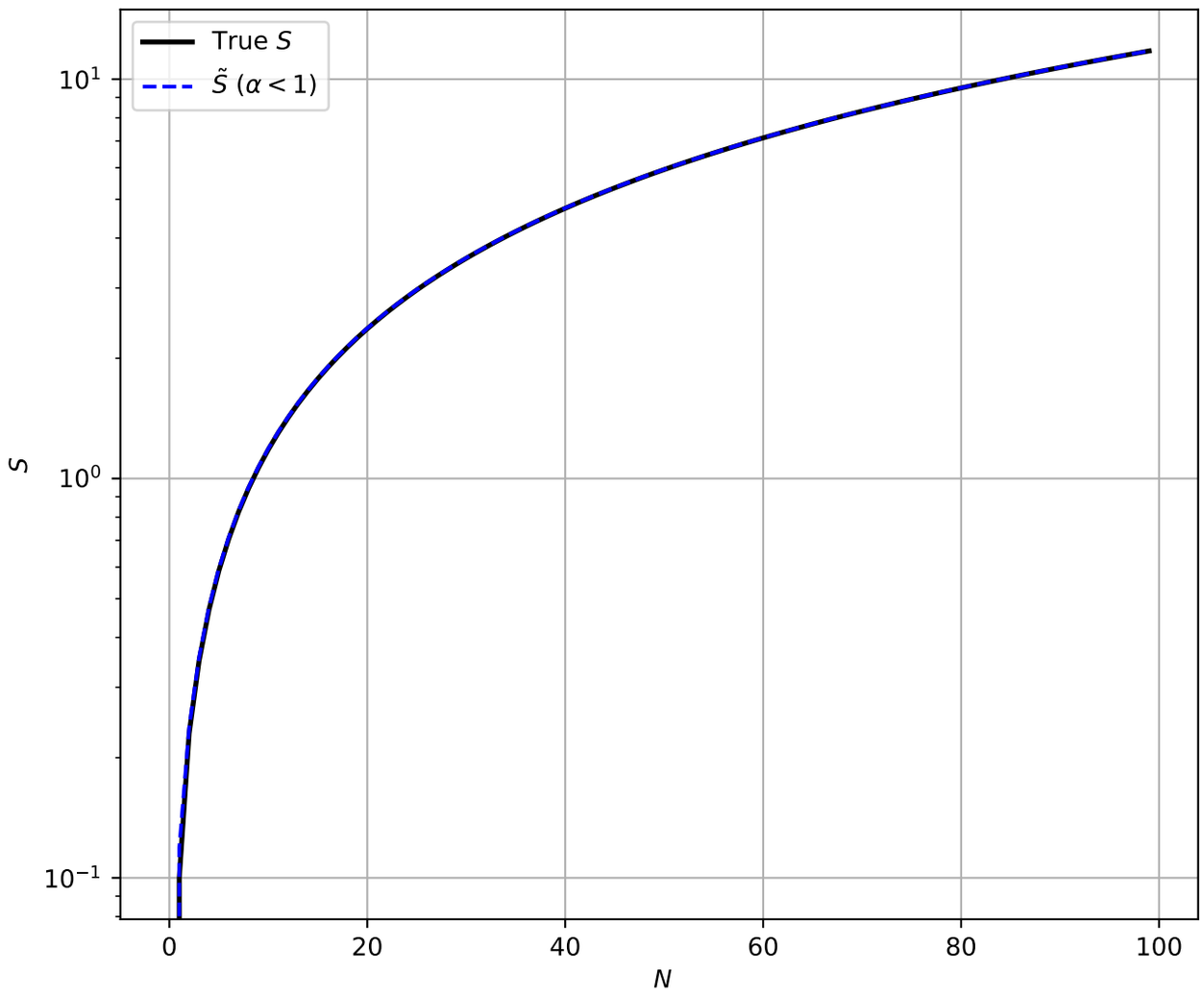
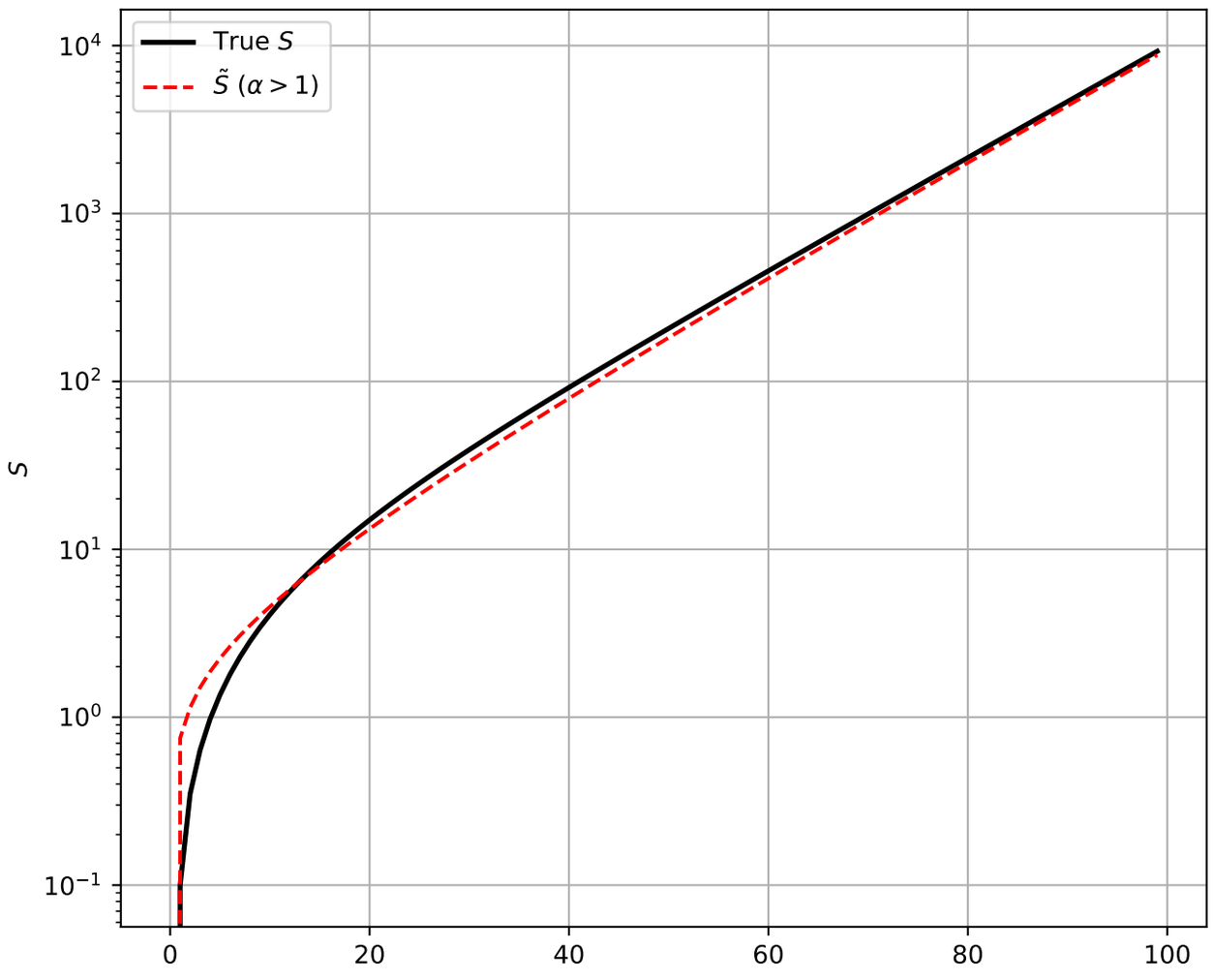
True S and $\tilde{S}$ for $\alpha < 1$



True S and $\tilde{S}$ for $\alpha > 1$



S and $\tilde{S}$ vs. N for $\alpha = 0.3$



S and $\tilde{S}$ vs. N for $\alpha = 1.5$