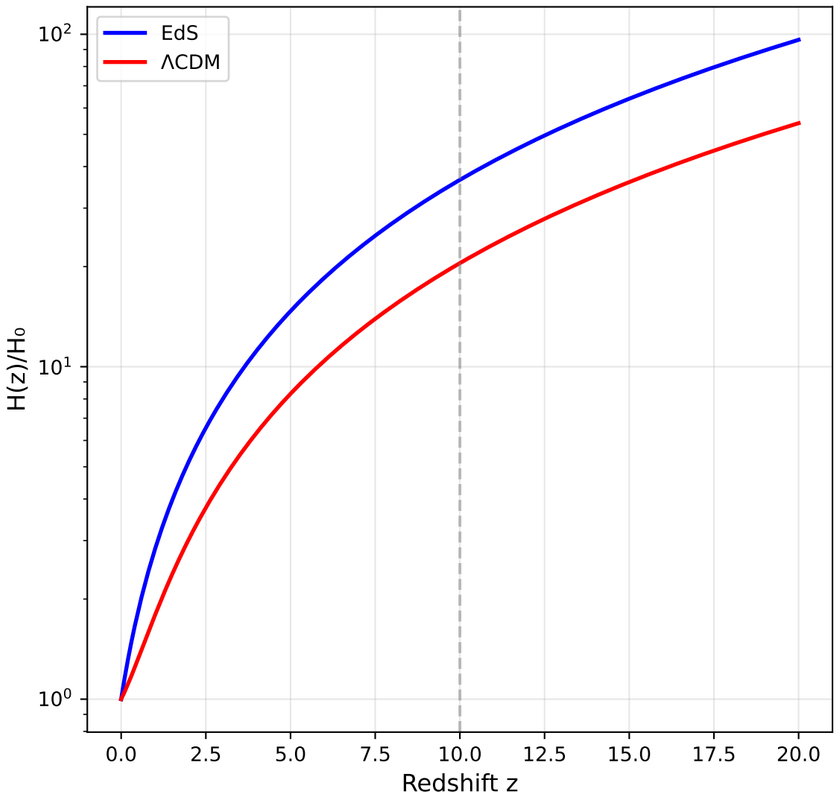
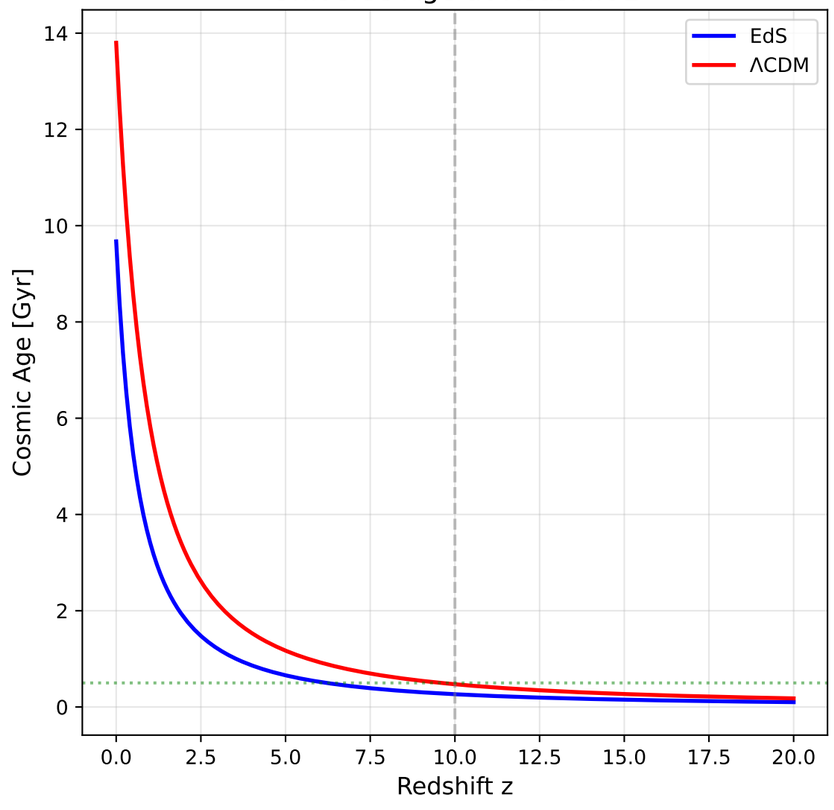
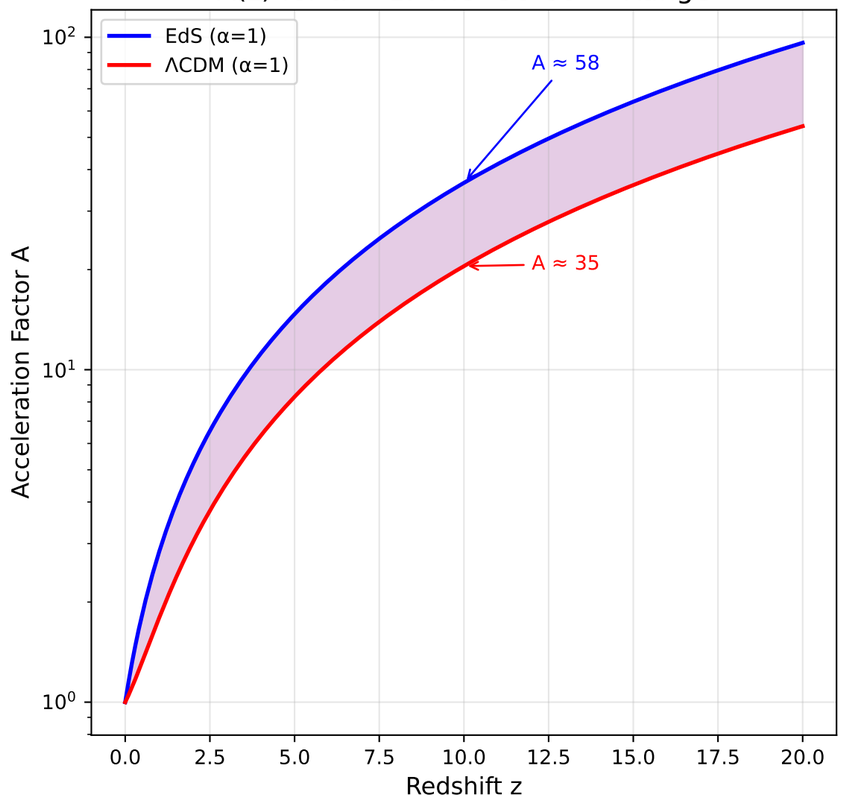
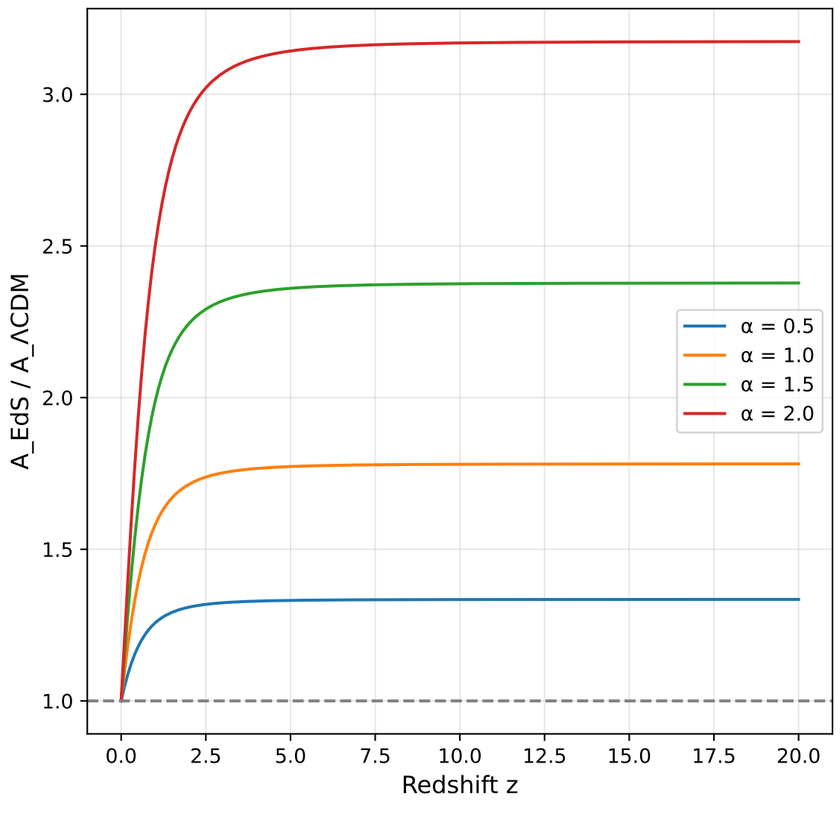
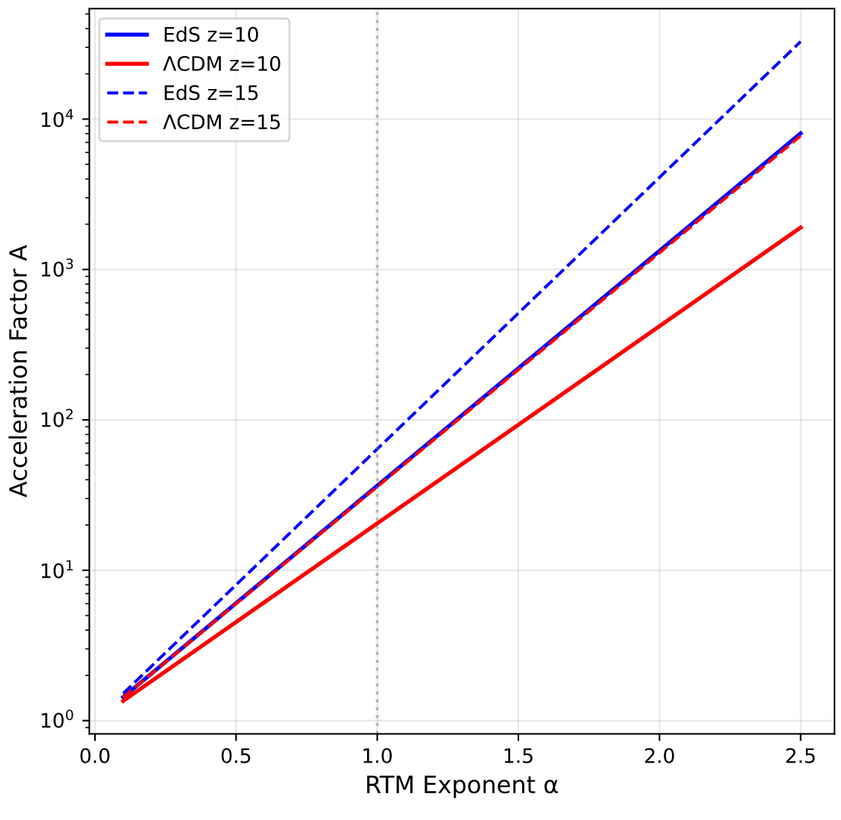
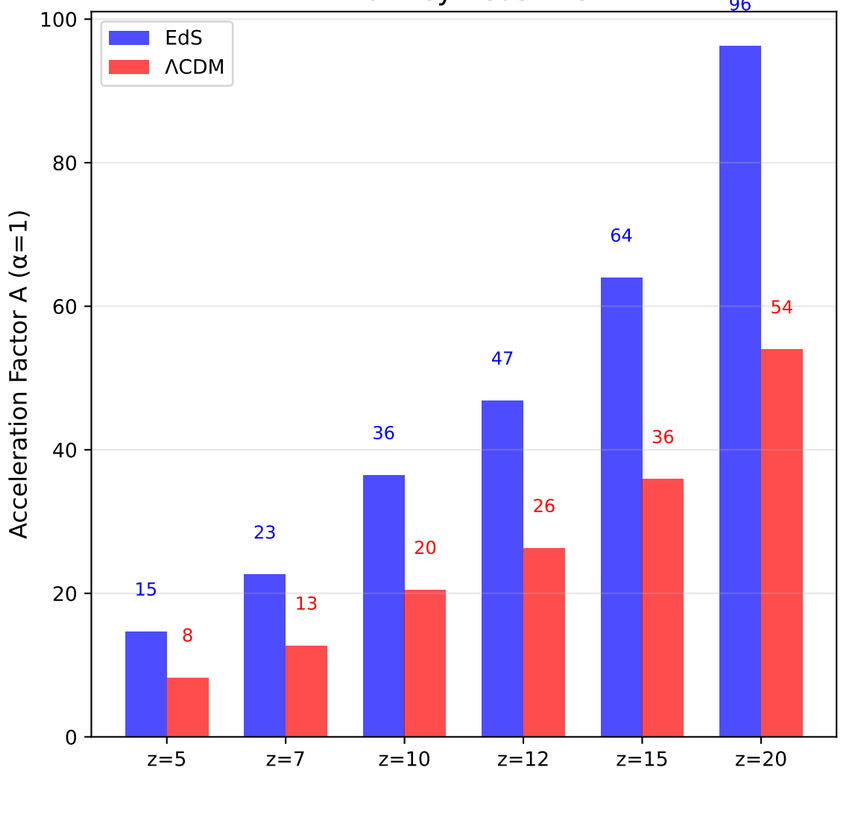

Hubble Parameter Evolution
EdS
ΛCDM
H(z)/H₀
Redshift z


Universe Age at Redshift z
EdS
ΛCDM
Cosmic Age [Gyr]
Redshift z


A(z) for α = 1: The "30-60×" Range
EdS (α=1)
ΛCDM (α=1)
A ≈ 58
A ≈ 35
Acceleration Factor A
Redshift z


Ratio of Acceleration Factors
α = 0.5
α = 1.0
α = 1.5
α = 2.0
A_EdS / A_ΛCDM
Redshift z


A vs α at Different Redshifts
EdS z=10
ΛCDM z=10
EdS z=15
ΛCDM z=15
Acceleration Factor A
RTM Exponent α


A at Key Redshifts
EdS
ΛCDM
Acceleration Factor A (α=1)
15
8
23
13
36
20
47
26
64
36
96
54
z=5
z=7
z=10
z=12
z=15
z=20