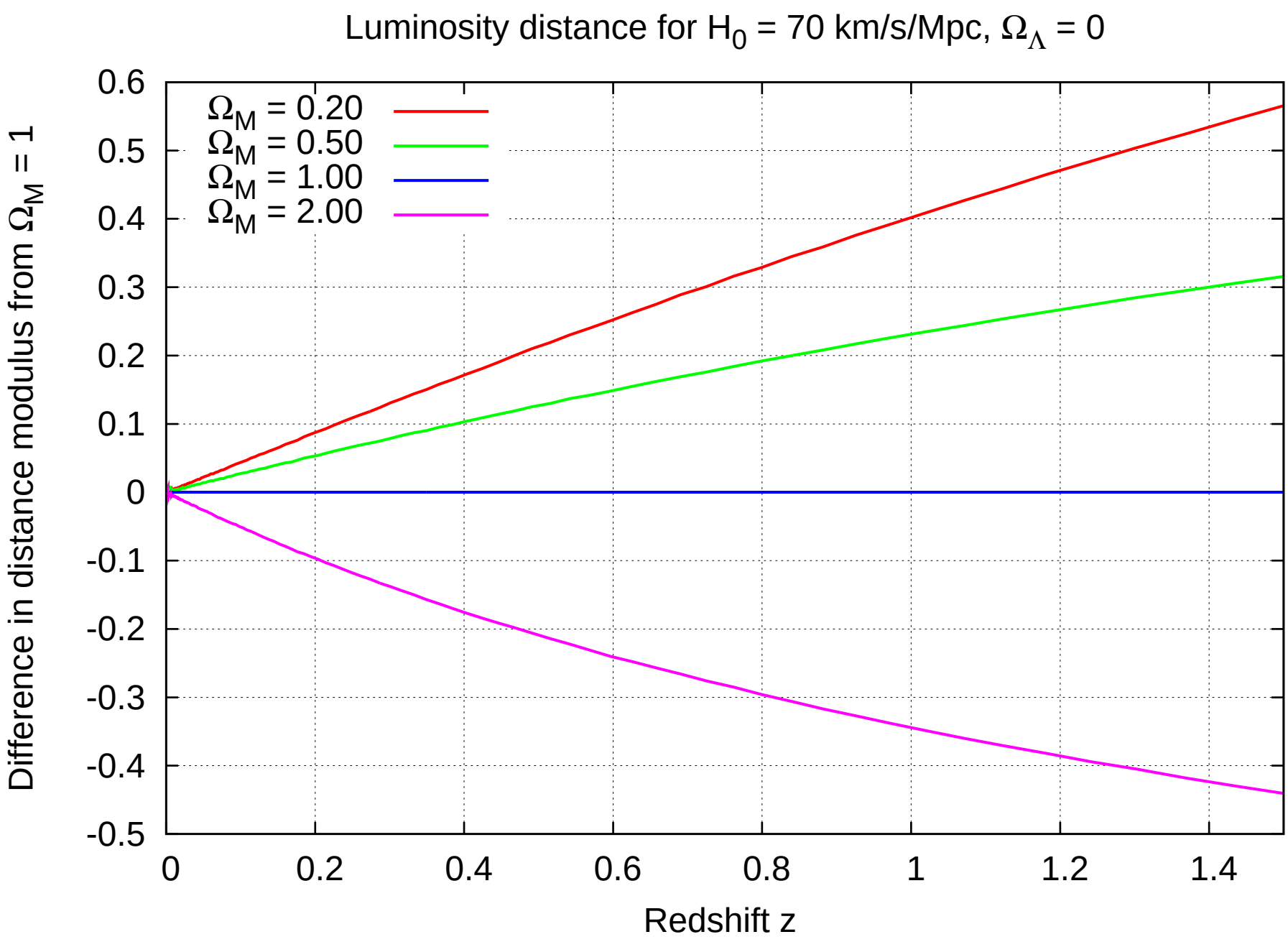
Luminosity distance for H_0 = 70 km/s/Mpc, Ω_Λ = 0
Ω_M = 0.20
Ω_M = 0.50
Ω_M = 1.00
Ω_M = 2.00
Difference in distance modulus from Ω_M = 1
Redshift z
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
-0.5
0
0.2
0.4
0.6
0.8
1
1.2
1.4