Distance Modulus vs. Redshift with Cosmological Fit

Best-fit cosmological $\mu(z)$
$\Omega_M = 0.328$
$\Omega_\Lambda = 0.690$
$H_0 = 69.63$ km s^{-1} Mpc^{-1}
$\chi^2_\nu = 0.81$
$(\Omega_M, \Omega_\Lambda) = (1, 0)$
$(\Omega_M, \Omega_\Lambda) = (0.5, 0.5)$
$(\Omega_M, \Omega_\Lambda) = (0, 1)$
Rejected ($>3\sigma$)