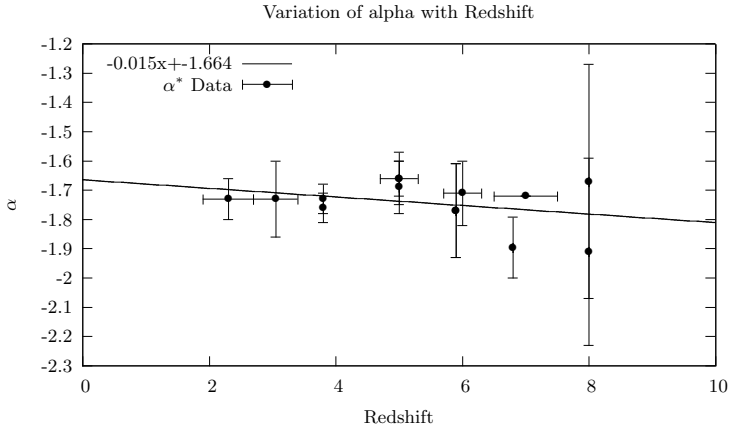
March 6, 2013

1 Parameter Fits

1.1 Alpha

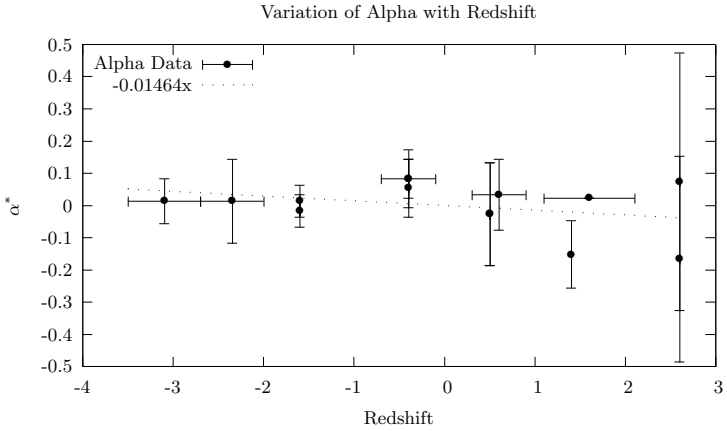
1.1.1 Linear Fit



$y = mx + c$
m = -0.0146437 +/- 0.012 (81.92%)
c = -1.66423 +/- 0.06781 (4.074%)

Mean Coord: $5.3964, -1.7432$

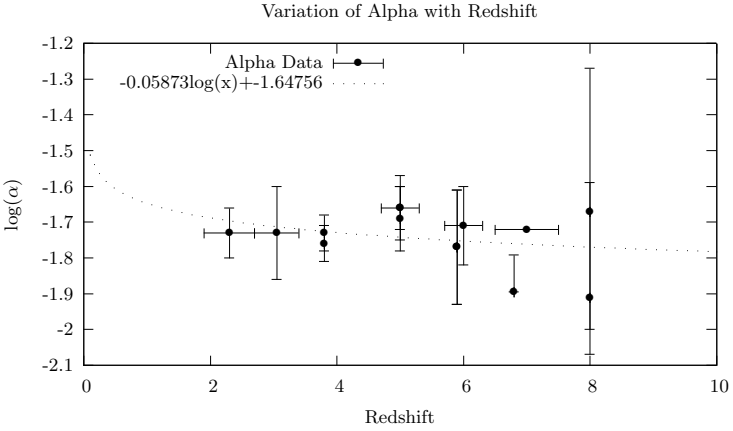
1.1.2 Linear Fit Pivot



$y = mx$
m = -0.0146437 +/- 0.01152 (78.7%)

Mean Coord: $5.3964, -1.7432$

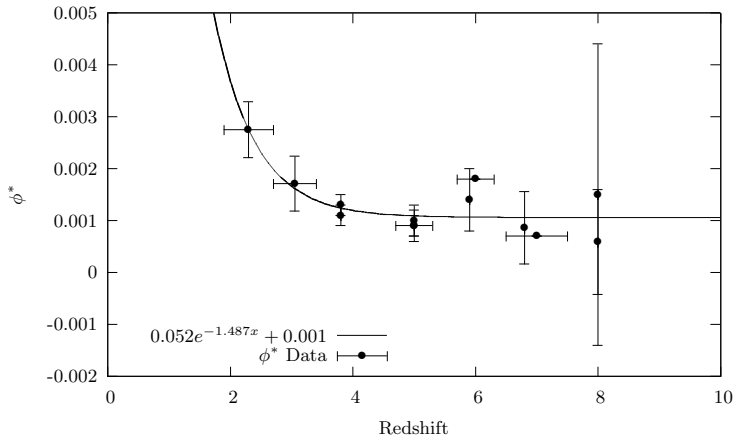
1.1.3 Logarithmic Fit



Not using this fit

1.2 ϕ^*

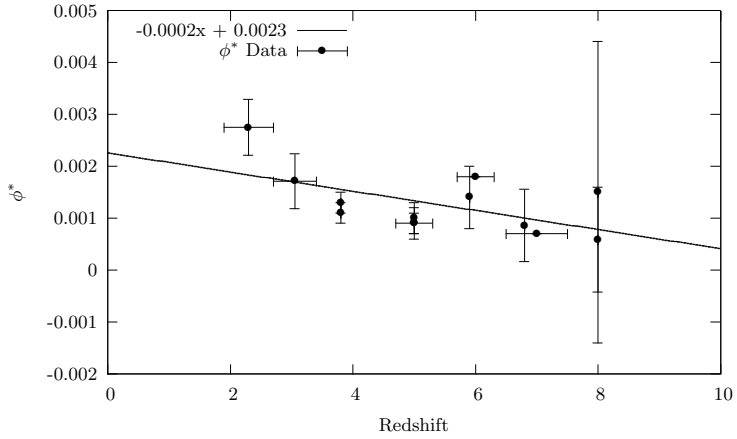
1.2.1 Exponential Fit



$\phi^* = m \times e^{cx} + d$
m = 0.0521538 +/- 0.09597 (184%)
c = 1.48655 +/- 0.7866 (52.92%)
d = 0.00105869 +/- 0.0001342 (12.68%)

Mean Coord: $5.3577, -0.0013$

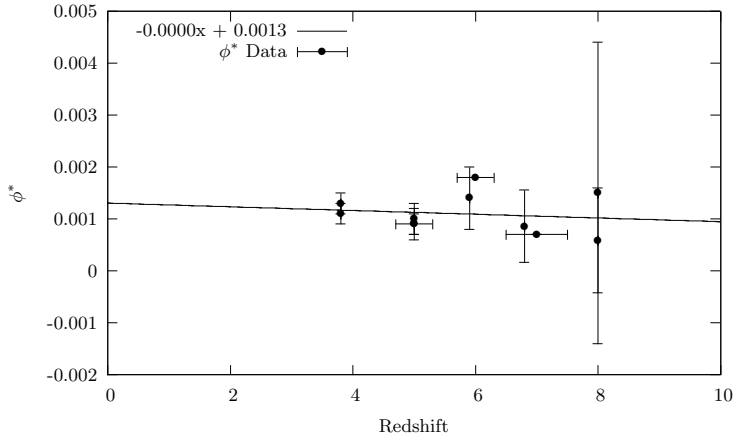
1.2.2 Linear Fit



$y = mx + c$
m = -0.00018463 +/- 7.933e-05 (42.97%)
c = 0.00225921 +/- 0.0004469 (19.78%)

Mean Coord: $5.3577, -0.0013$

1.2.3 Linear Fit (With Cutoff)



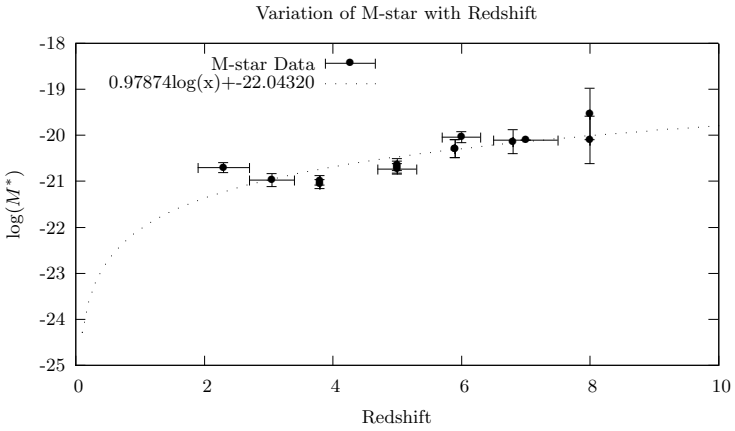
$y = mx + c$
m = -3.57873e-05 +/- 8.15e-05 (227.7%)
c = 0.00130465 +/- 0.0004902 (37.57%)

Mean Coord: $5.8455, -0.0011$

This didn't really help.

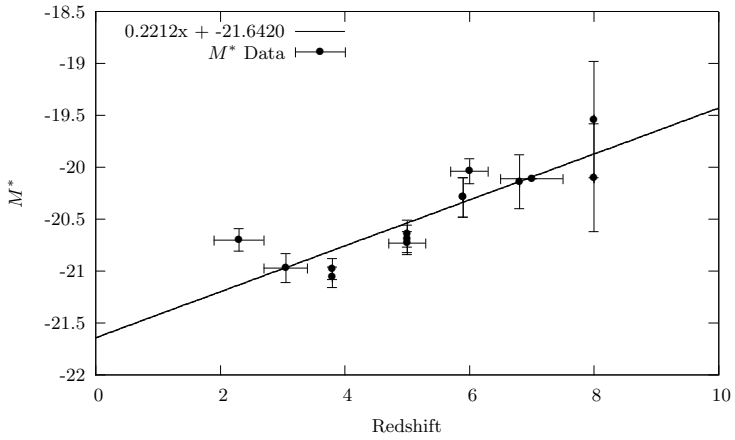
1.3 M^*

1.3.1 Logarithmic Fit



Something

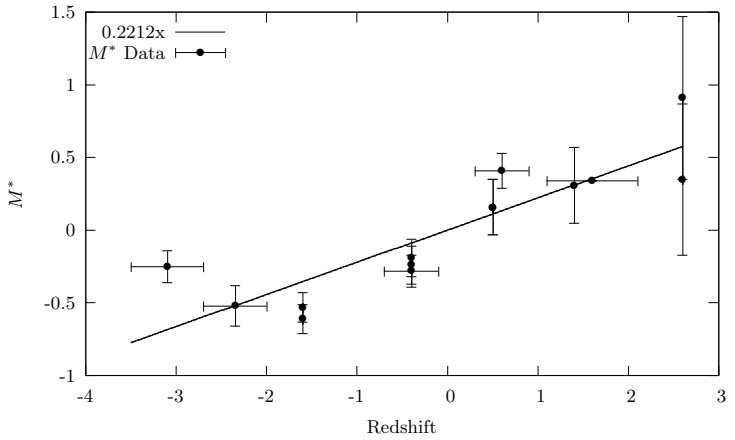
1.3.2 Linear Fit



$y = mx + c$
m = 0.22116 +/- 0.03555 (16.07%)
c = -21.642 +/- 0.201 (0.9286%)

Mean Coord: 5.3964, -20.4486

1.3.3 Linear Fit Pivot



$y = mx$
m = 0.22116 +/- 0.03416 (15.44%)

Mean Coord: 5.3964, -20.4486