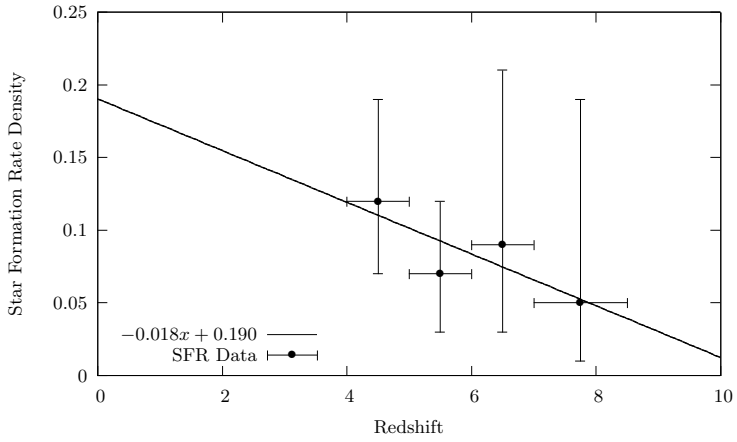
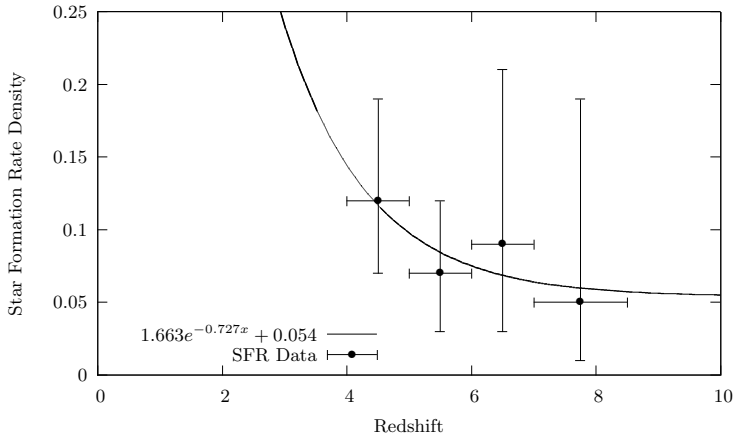
March 7, 2013

1 Star Formation Rate Density Fits

1.1 Linear Fit



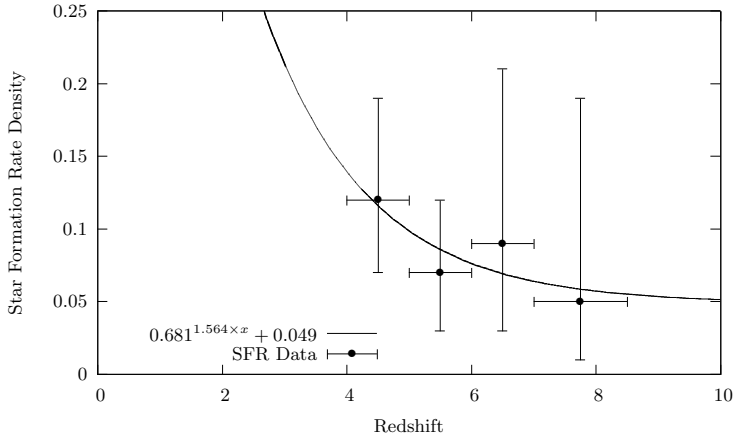
1.2 Exponential Fit



$SFR = m \times e^{cx} + d$
m = 1.66324 +/- 11.41 (685.9%)
c = 0.72669 +/- 1.674 (230.3%)
d = 0.0538716 +/- 0.05762 (107%)

Mean Coord: $6.0625, 0.0825$

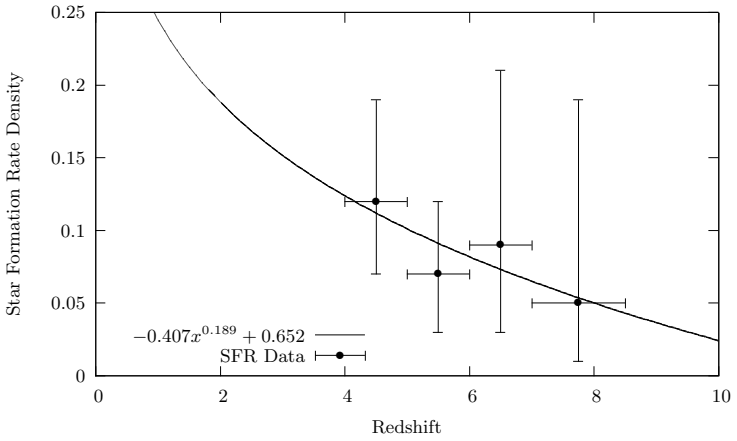
1.3 Power Fit



$SFR = m^{cx} + d$
m = 0.681382 +/- 123 (1.805e+04%)
c = 1.56371 +/- 738.1 (4.72e+04%)
d = 0.0490061 +/- 0.1187 (242.3%)

Mean Coord: $6.0625, 0.0825$

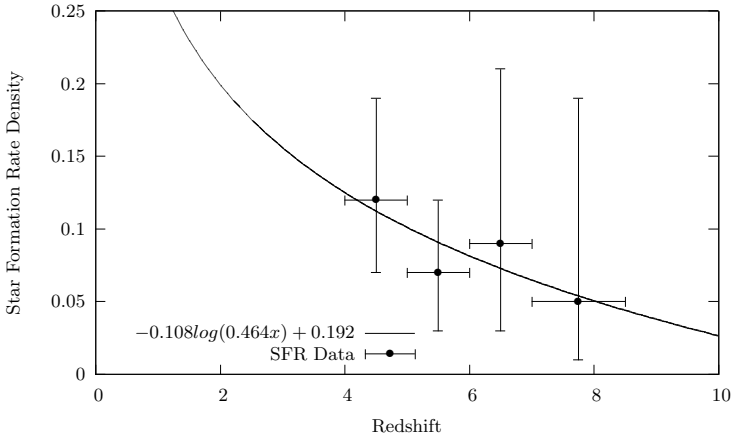
1.4 Power Fit



$SFR = m \times x^c + d$
m = -0.406815 +/- 22.83 (5611%)
c = 0.188555 +/- 7.919 (4200%)
d = 0.652192 +/- 23.89 (3663%)

Mean Coord: $6.0625, 0.0825$

1.5 Logarithm Fit



$SFR = m \log(c \times x) + d$
m = -0.107607 +/- 0.07037 (65.39%)
c = 0.463919 +/- 9.46e+11 (2.039e+14%)
d = 0.191617 +/- 2.193e+11 (1.145e+14%)

Mean Coord: $6.0625, 0.0825$