

# Note Taking

—Week 14 , 2018/12/16

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## 1 Previous Work

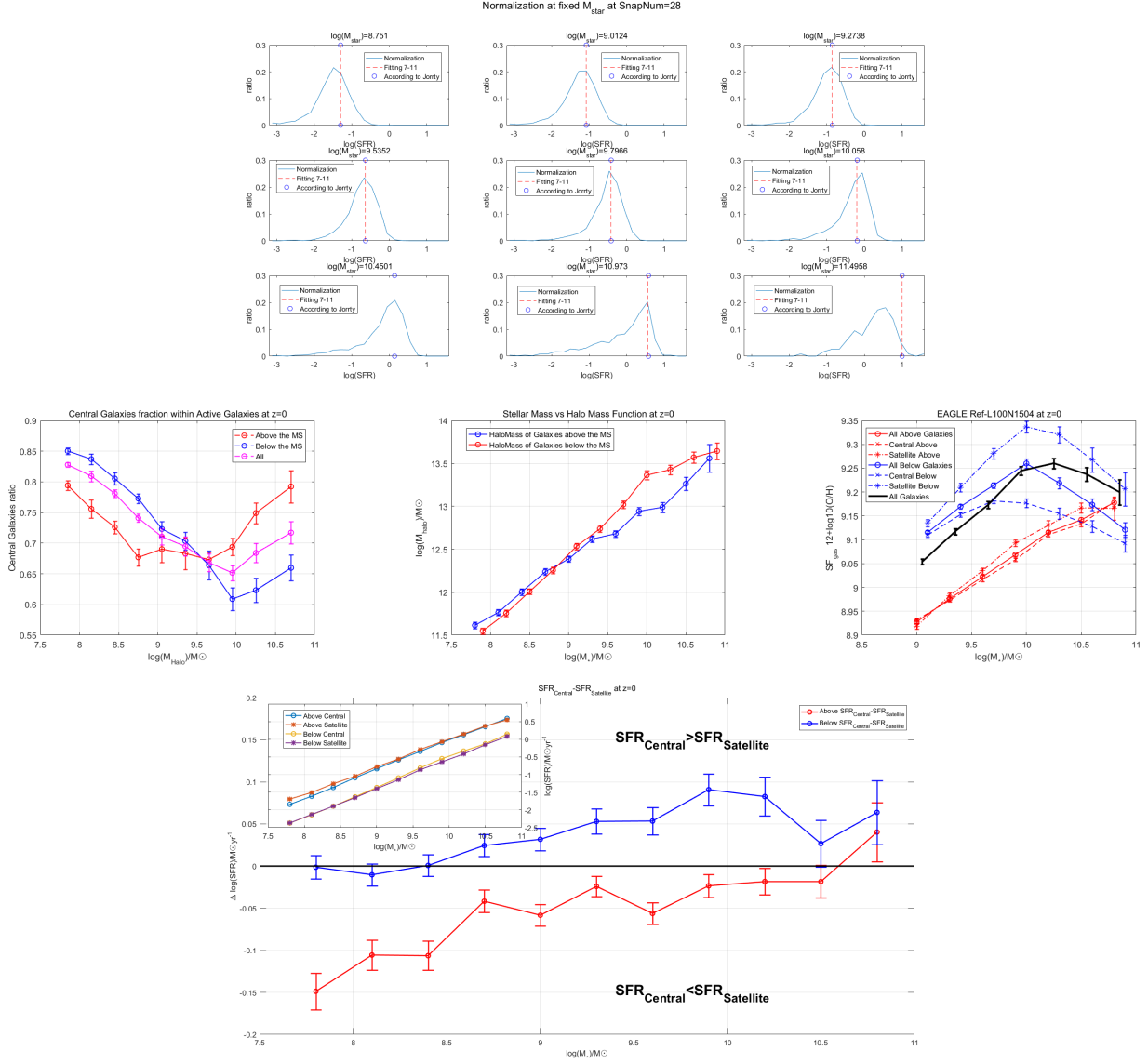


Figure 1: Previous Work(HaloMass is wrong)

## 2 Dex=0.1

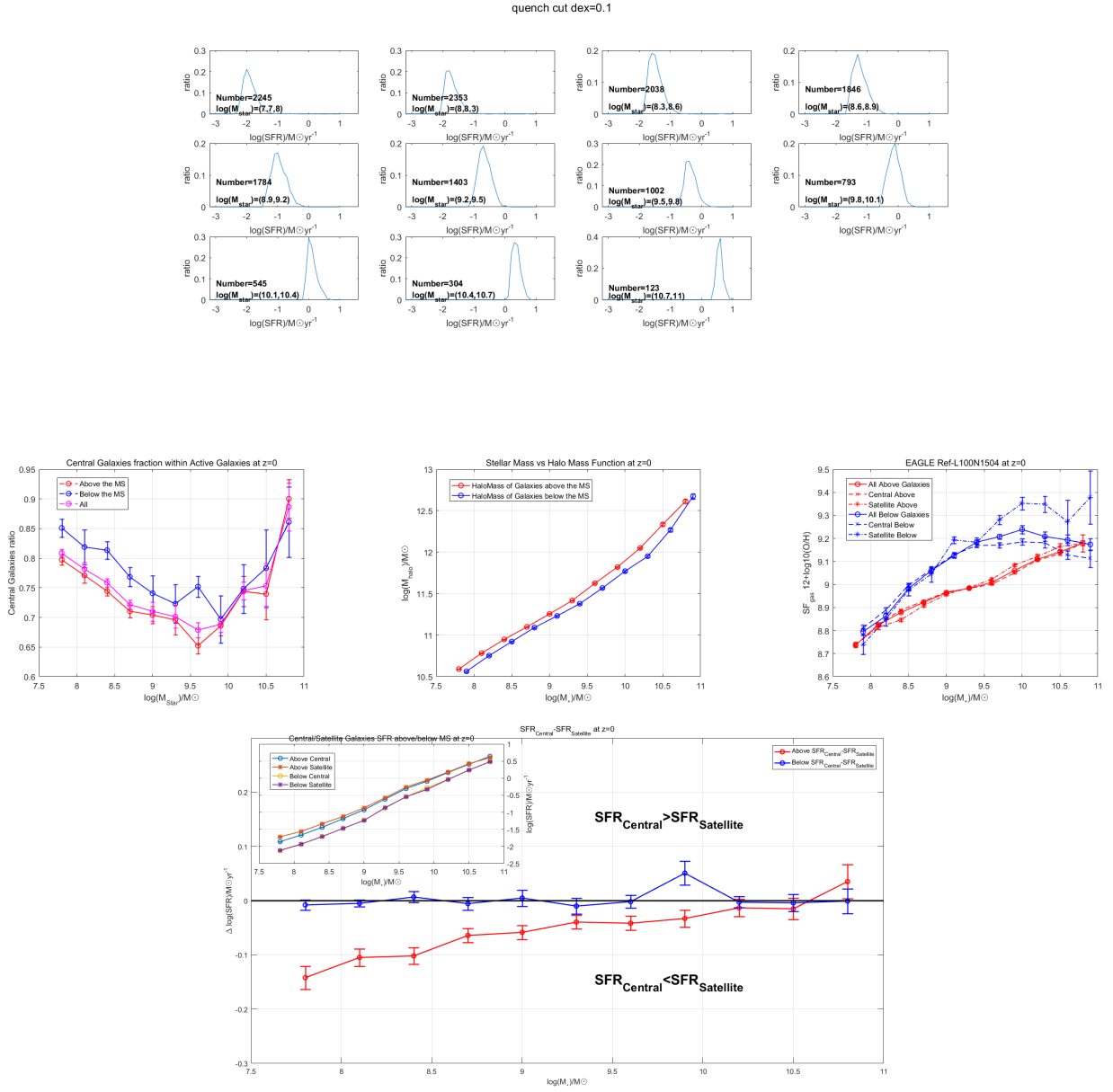


Figure 2: 0.1 Dex Below MS

### 3 Dex=0.3

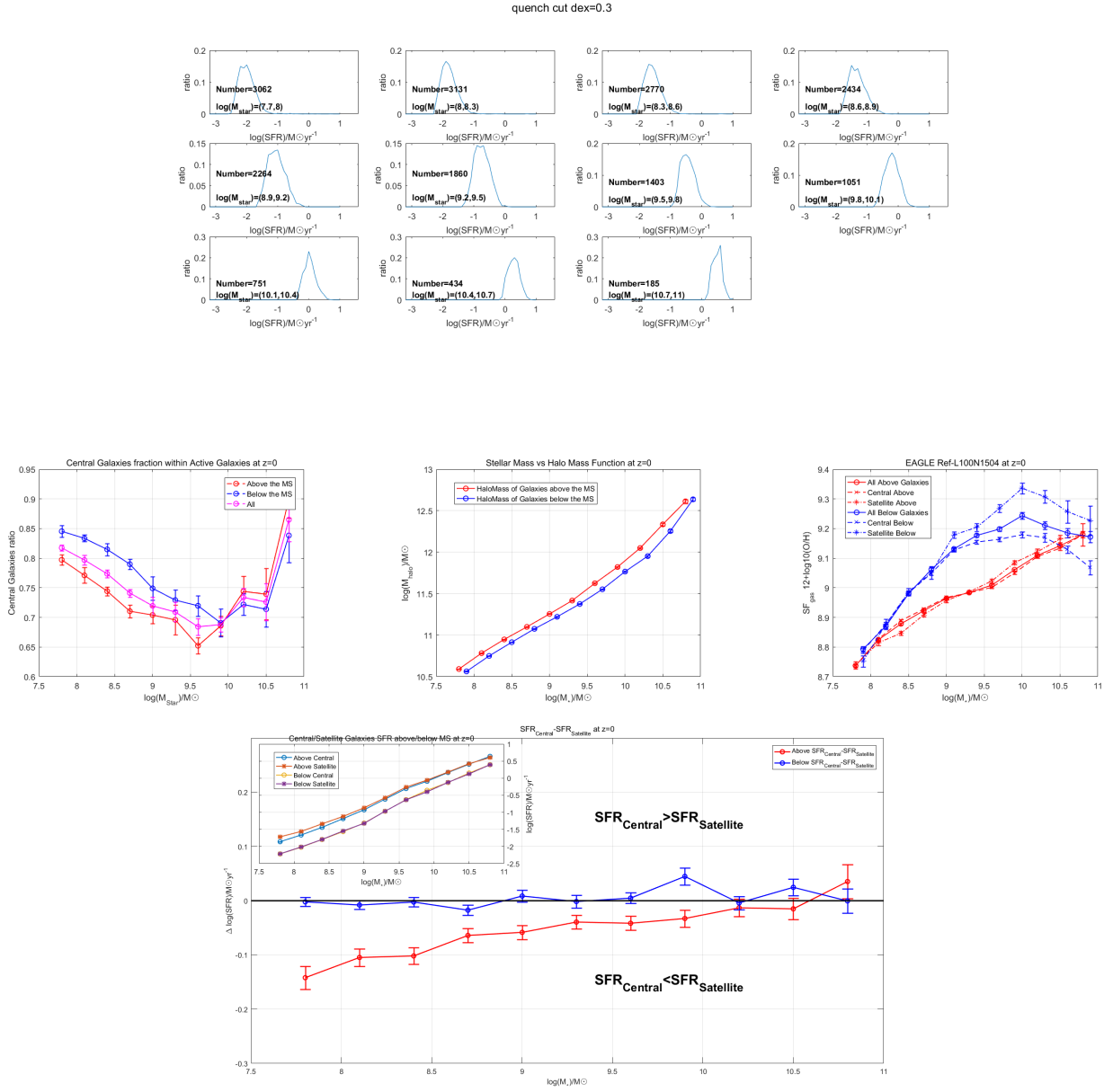


Figure 3: 0.3 Dex Below MS

## 4 Dex=0.5

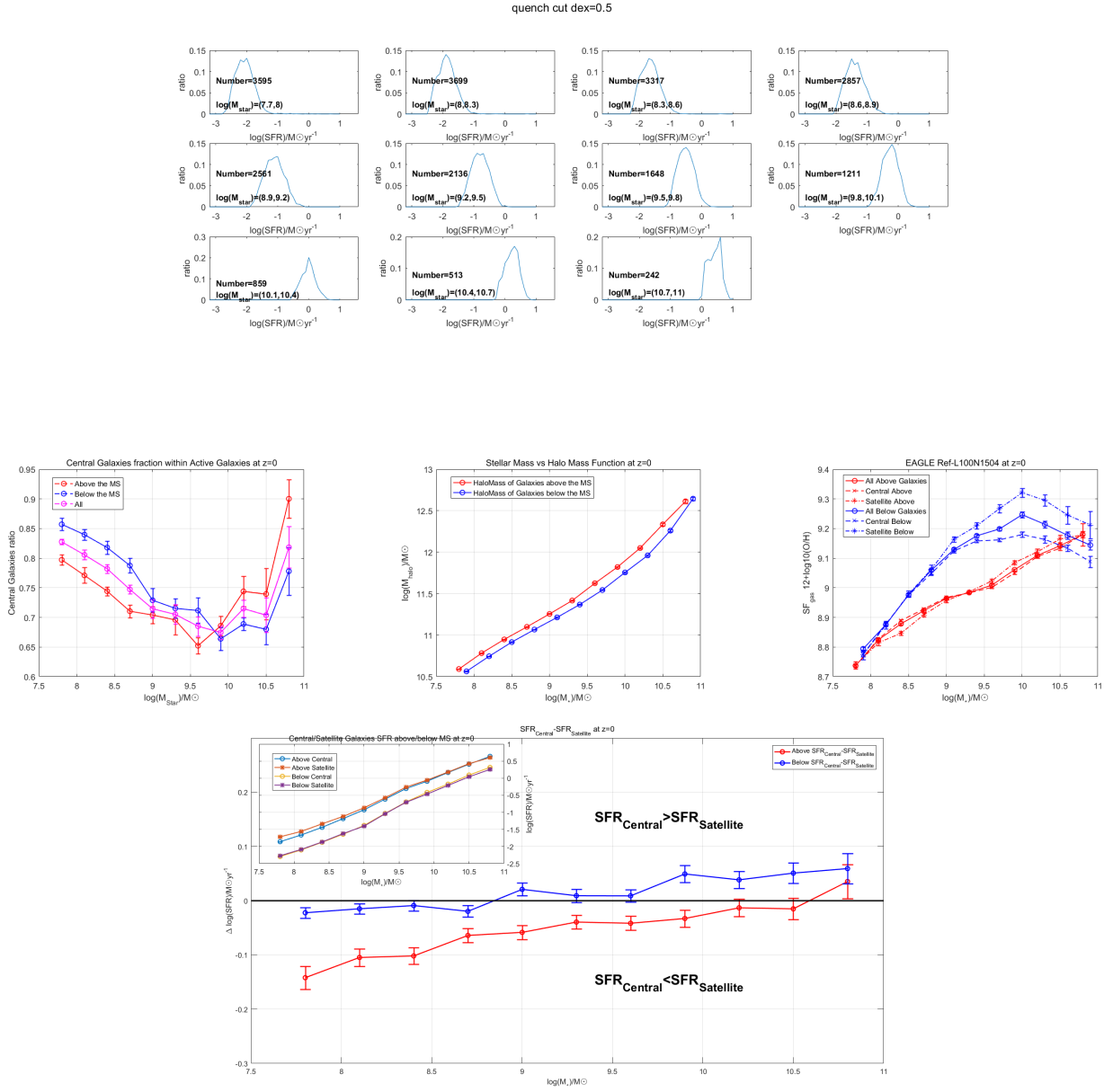


Figure 4: 0.5 Dex Below MS

## 5 Dex=0.7

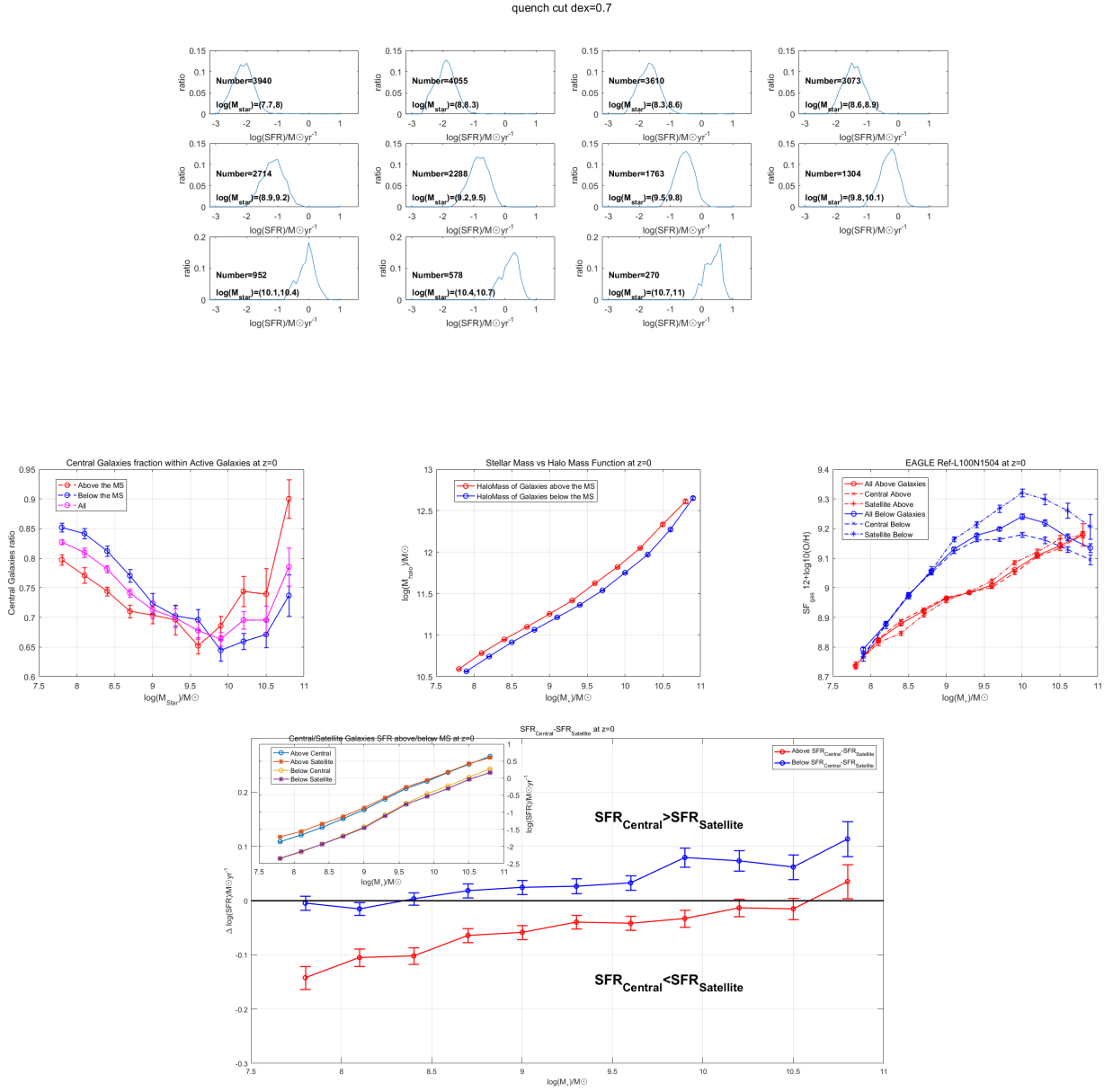


Figure 5: 0.7 Dex Below MS

## 6 Dex=1.0

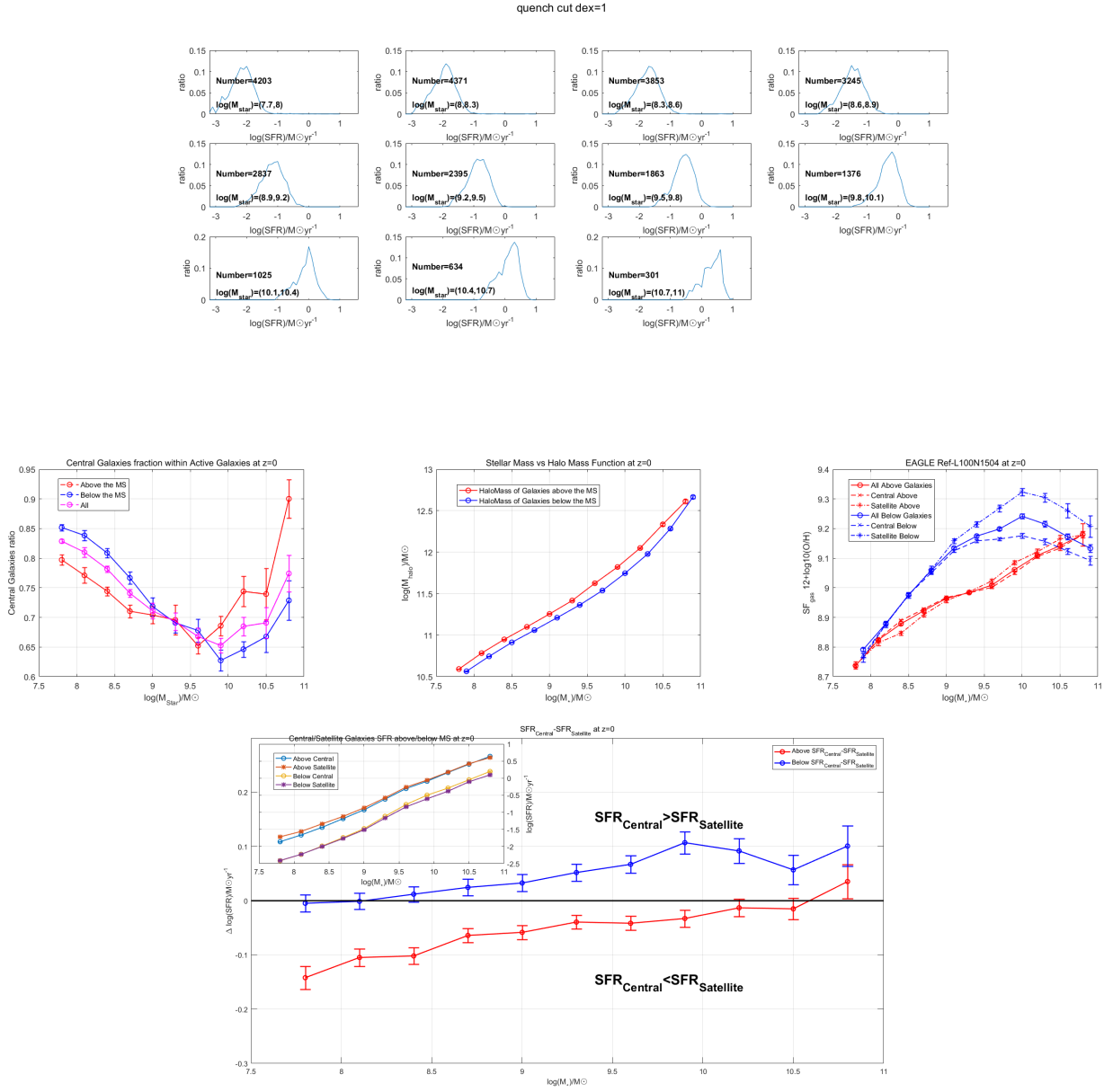


Figure 6: 1.0 Dex Below MS

## 7 Dex=1.5

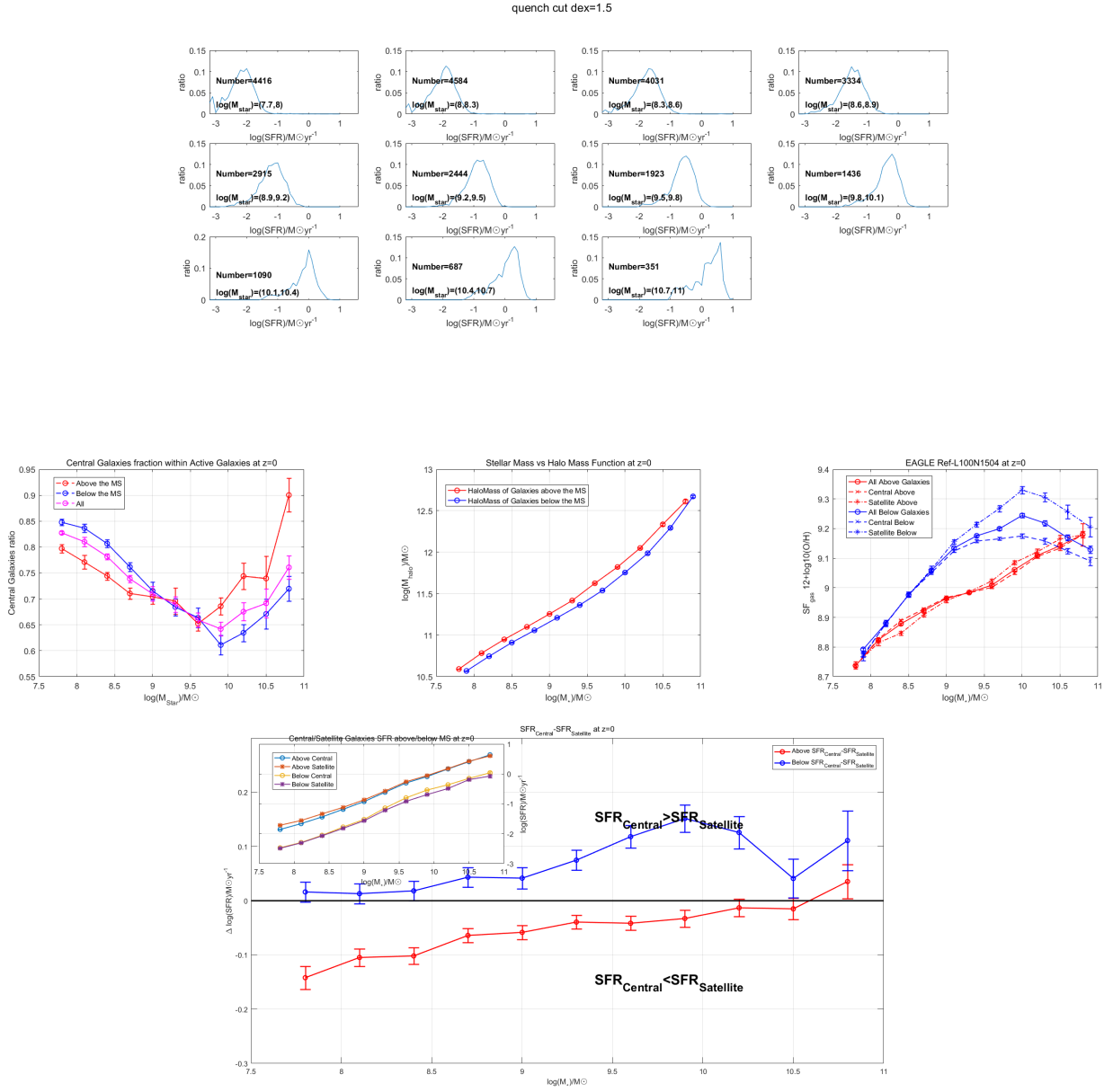


Figure 7: 1.5 Dex Below MS

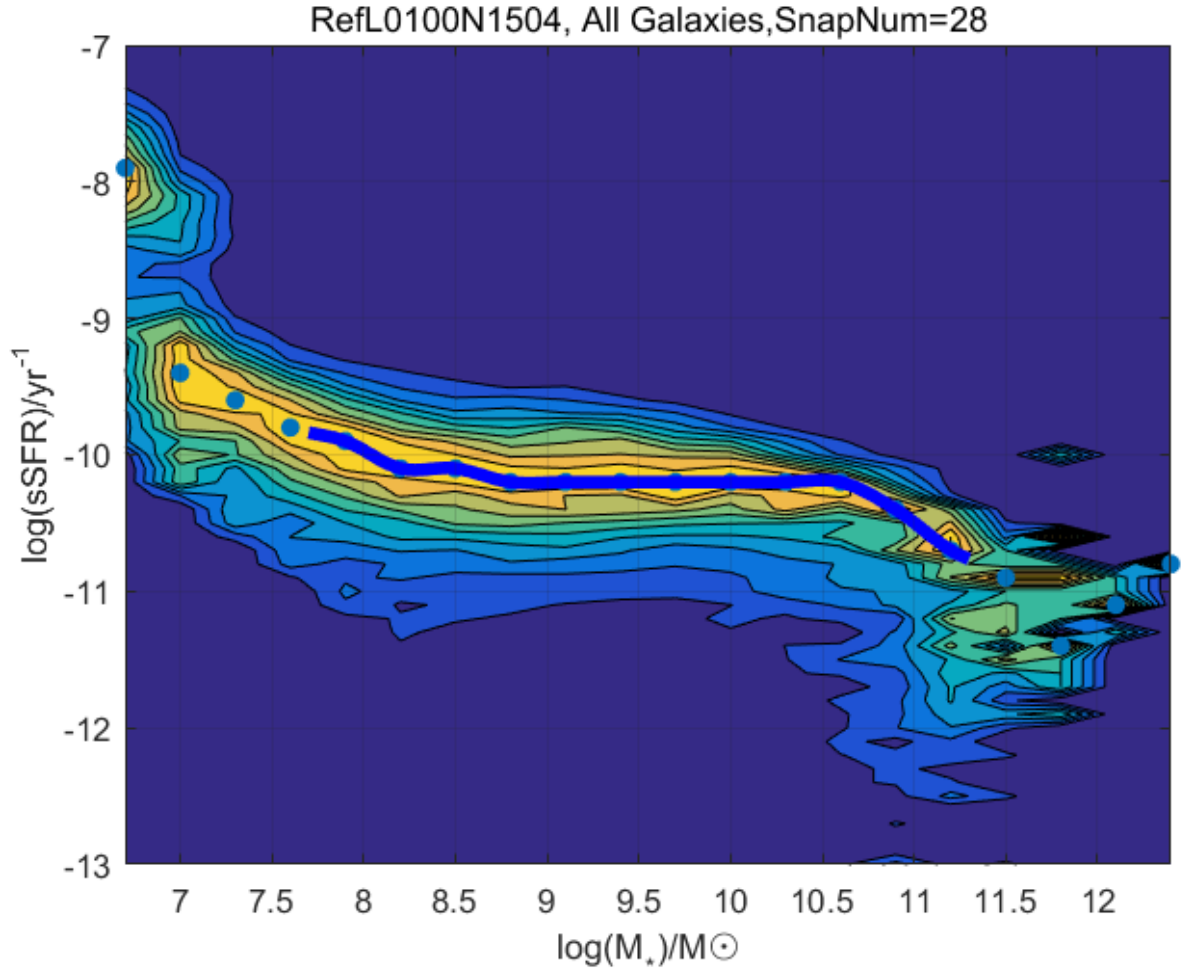


Figure 8:  $sSFR - m_{\text{stellarmass}}$  at  $z=0$

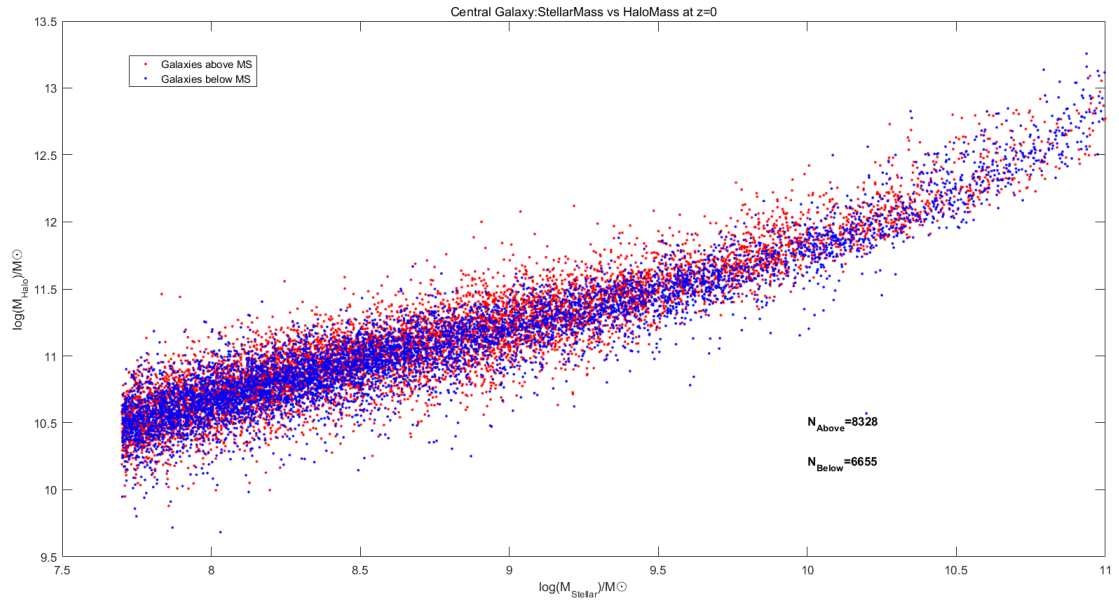


Figure 9:  $\text{Halo mass vs Stellar Mass}$  at  $z=0$