

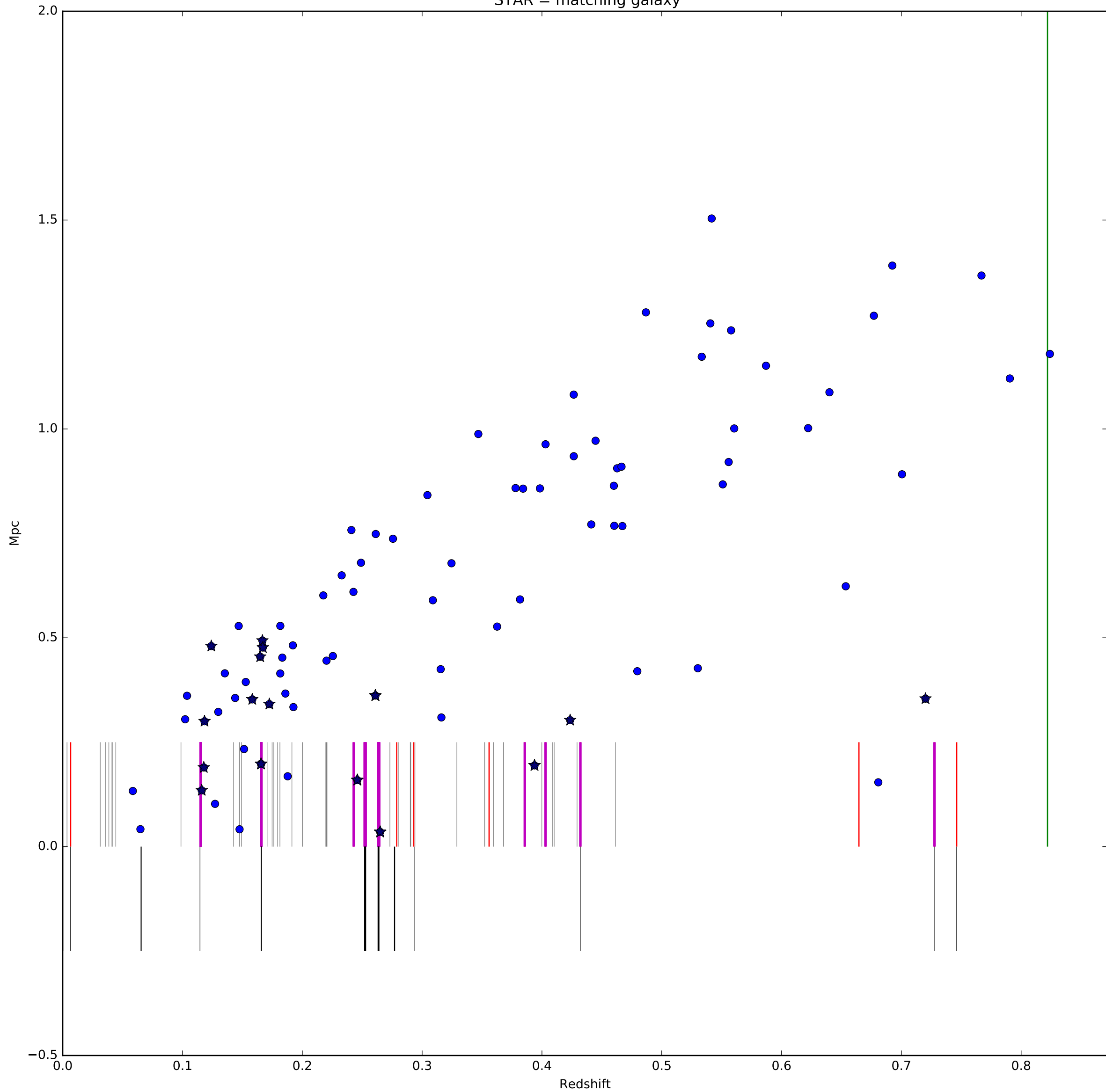
# Graphical Analysis of QSO J1016+4706

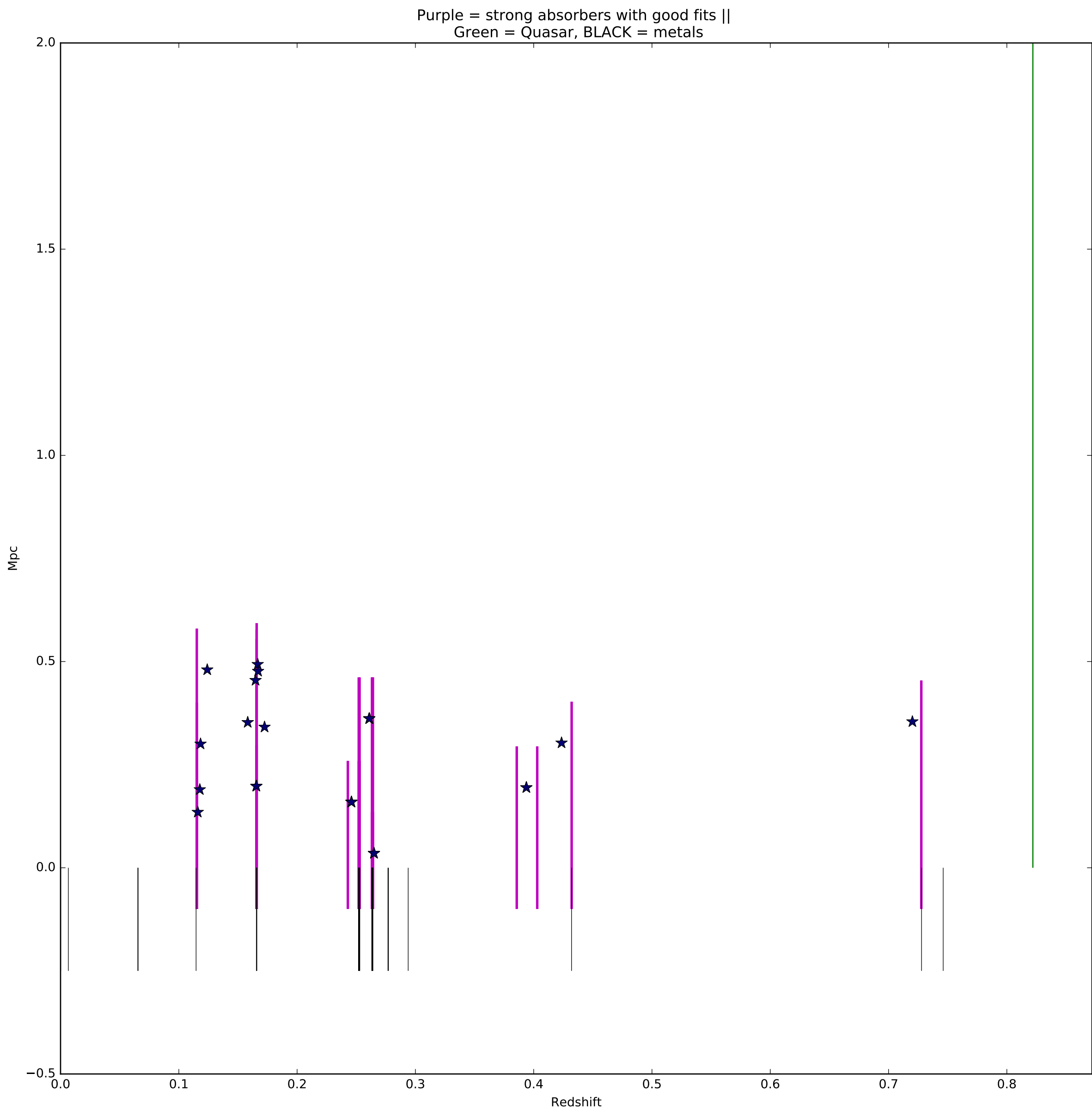
26 matches were found.

Matches list between galaxy and HI lines

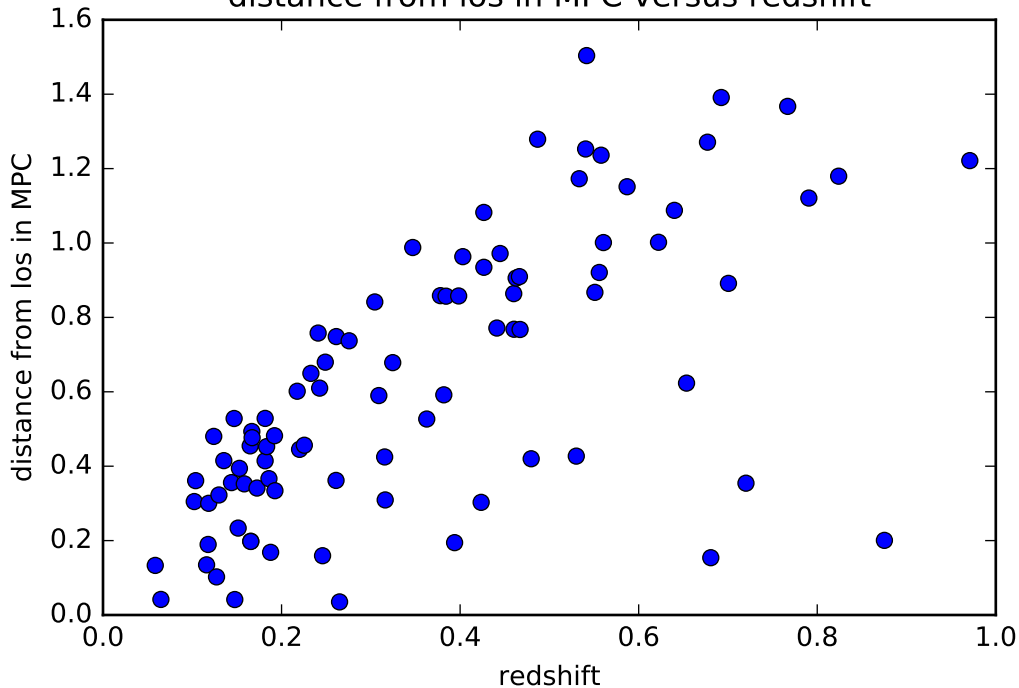
phtzcc2	HI_z	delta_z	dist_from_los	ra	dec
0.116013	0.1152	0.000813	0.134808416179	154.09144092	47.09436792
0.117754	0.1152	0.002554	0.189591890733	154.08341338	47.13441066
0.118344	0.1152	0.003144	0.300233390814	154.09385404	47.07289659
0.124031	0.1152	0.008831	0.480096363268	154.12837901	47.06261363
0.158245	0.1658	-0.007555	0.352528128475	154.07192825	47.14023407
0.164865	0.1658	-0.000935	0.454621003061	154.09232834	47.06729853
0.165482	0.1658	-0.000318	0.198229928191	154.07604515	47.1049661
0.165553	0.1658	-0.000247	0.197633824409	154.09311404	47.09266899
0.166687	0.1658	0.000887	0.493279229604	154.04624557	47.10747386
0.167019	0.1658	0.001219	0.476668221113	154.10334976	47.06649988
0.172468	0.1658	0.006668	0.341235344739	154.07265809	47.13625239
0.245917	0.2429	0.003017	0.159344110316	154.09918481	47.1017242
0.245917	0.2528	-0.006883	0.159344110316	154.09918481	47.1017242
0.245917	0.2521	-0.006183	0.159344110316	154.09918481	47.1017242
0.261006	0.2633	-0.002294	0.361755485461	154.11906663	47.1131314
0.261006	0.2641	-0.003094	0.361755485461	154.11906663	47.1131314
0.261006	0.2528	0.008206	0.361755485461	154.11906663	47.1131314
0.261006	0.2637	-0.002694	0.361755485461	154.11906663	47.1131314
0.261006	0.2521	0.008906	0.361755485461	154.11906663	47.1131314
0.264971	0.2633	0.001671	0.0351841090215	154.09178665	47.11215819
0.264971	0.2641	0.000871	0.0351841090215	154.09178665	47.11215819
0.264971	0.2637	0.001271	0.0351841090215	154.09178665	47.11215819
0.393814	0.403	-0.009186	0.194498495501	154.10288162	47.11722509
0.393814	0.3857	0.008114	0.194498495501	154.10288162	47.11722509
0.423556	0.4321	-0.008544	0.302815343864	154.07996366	47.10699296
0.720164	0.7277	-0.007536	0.354310056126	154.09090909	47.12515485

RED = strong absorbers  
PURPLE = strong absorbers with strong sdss fits  
BLUE = Objects in LOS from SDSS  
GREEN= Quasar  
GRAY = weak absorbers  
BLACK = metals  
STAR = matching galaxy

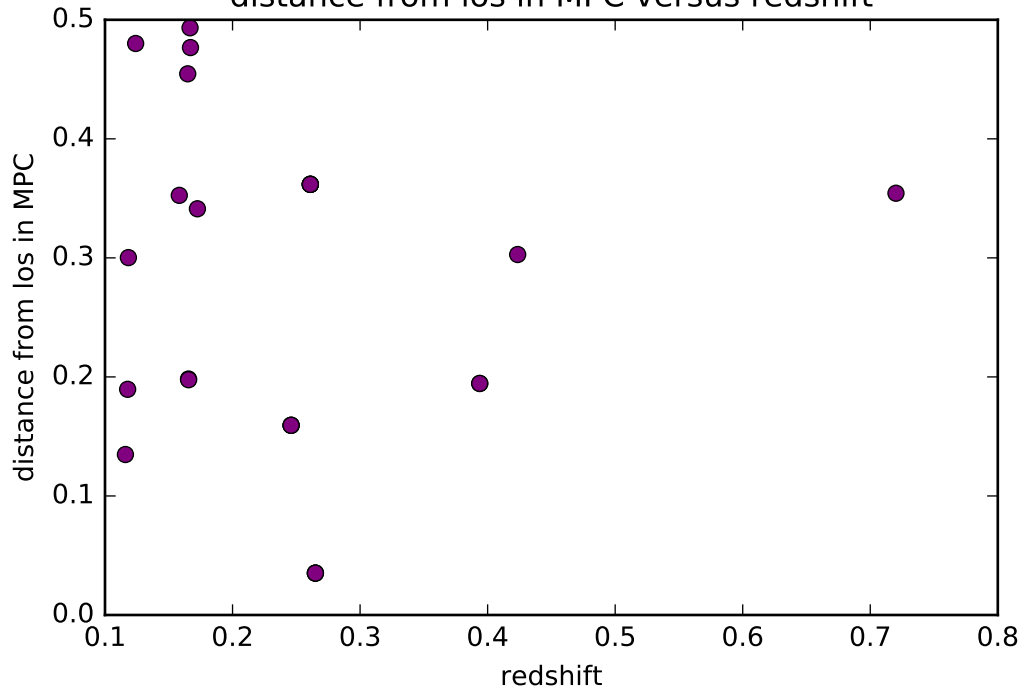




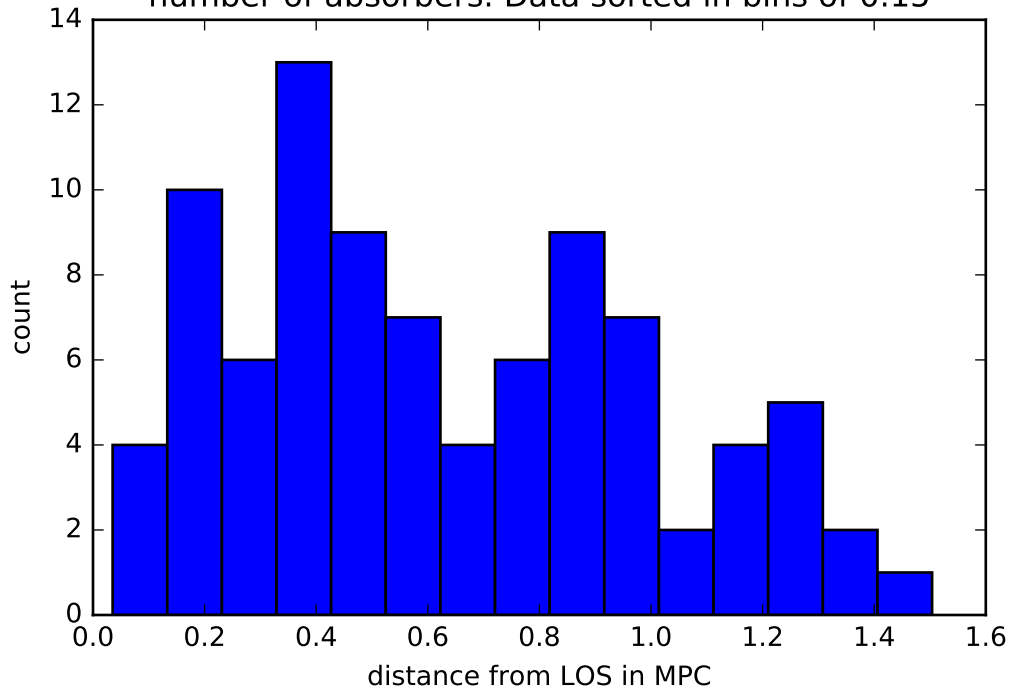
distance from los in MPC versus redshift



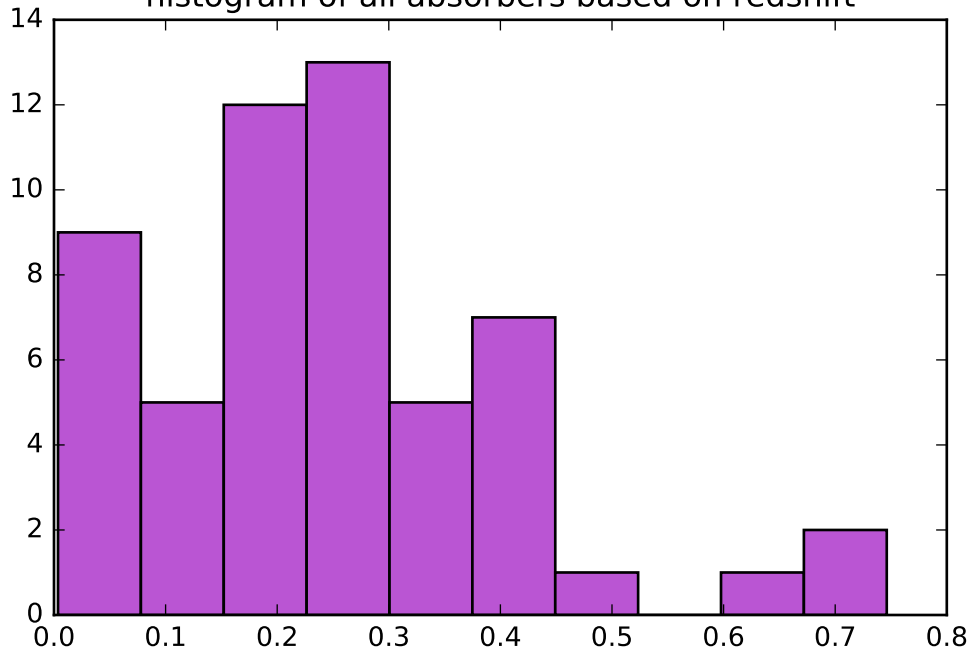
distance from los in MPC versus redshift



number of absorbers. Data sorted in bins of 0.15

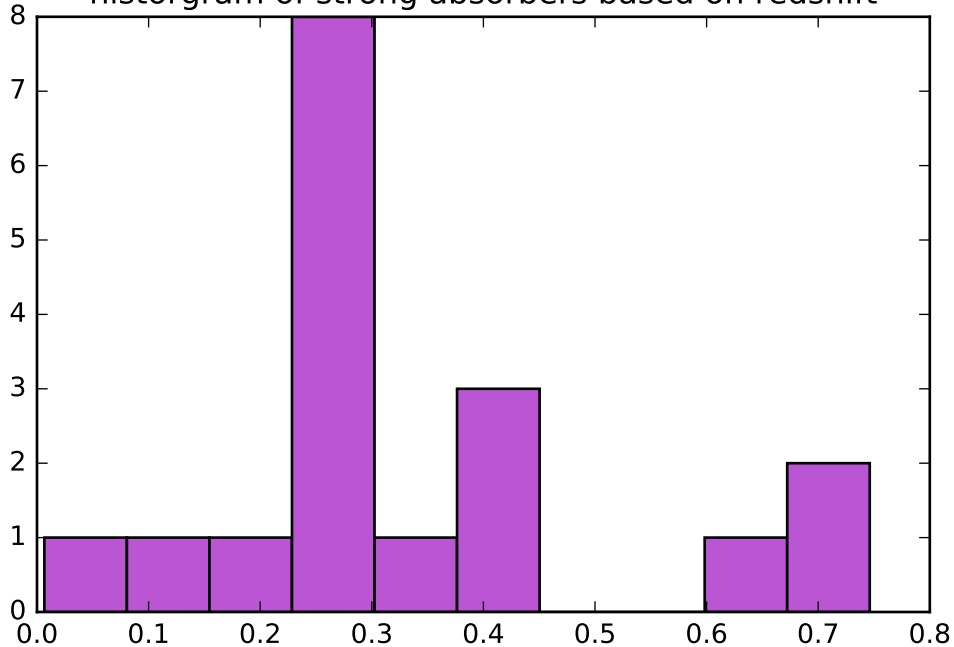


histogram of all absorbers based on redshift

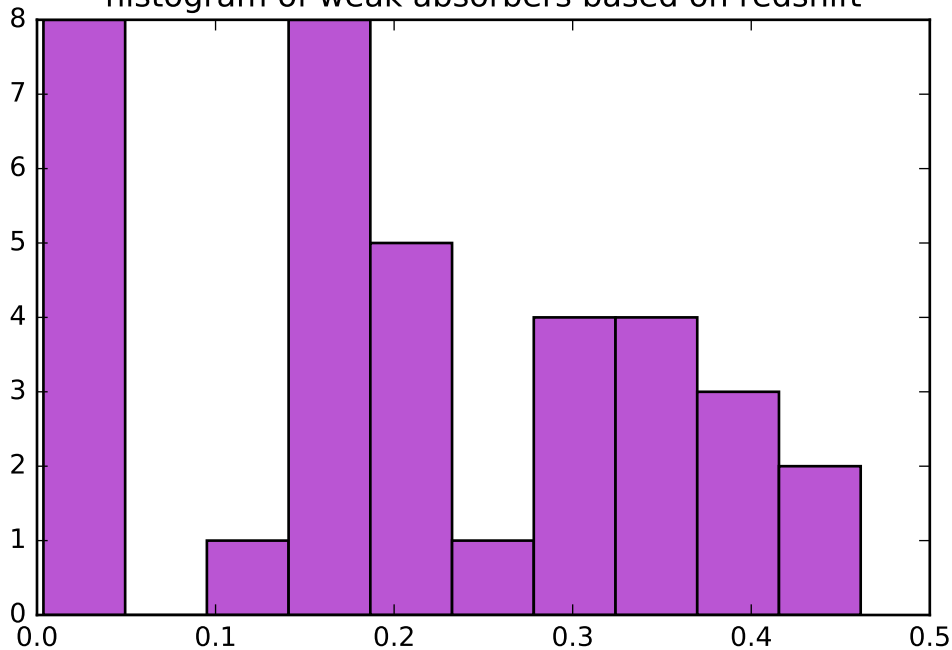




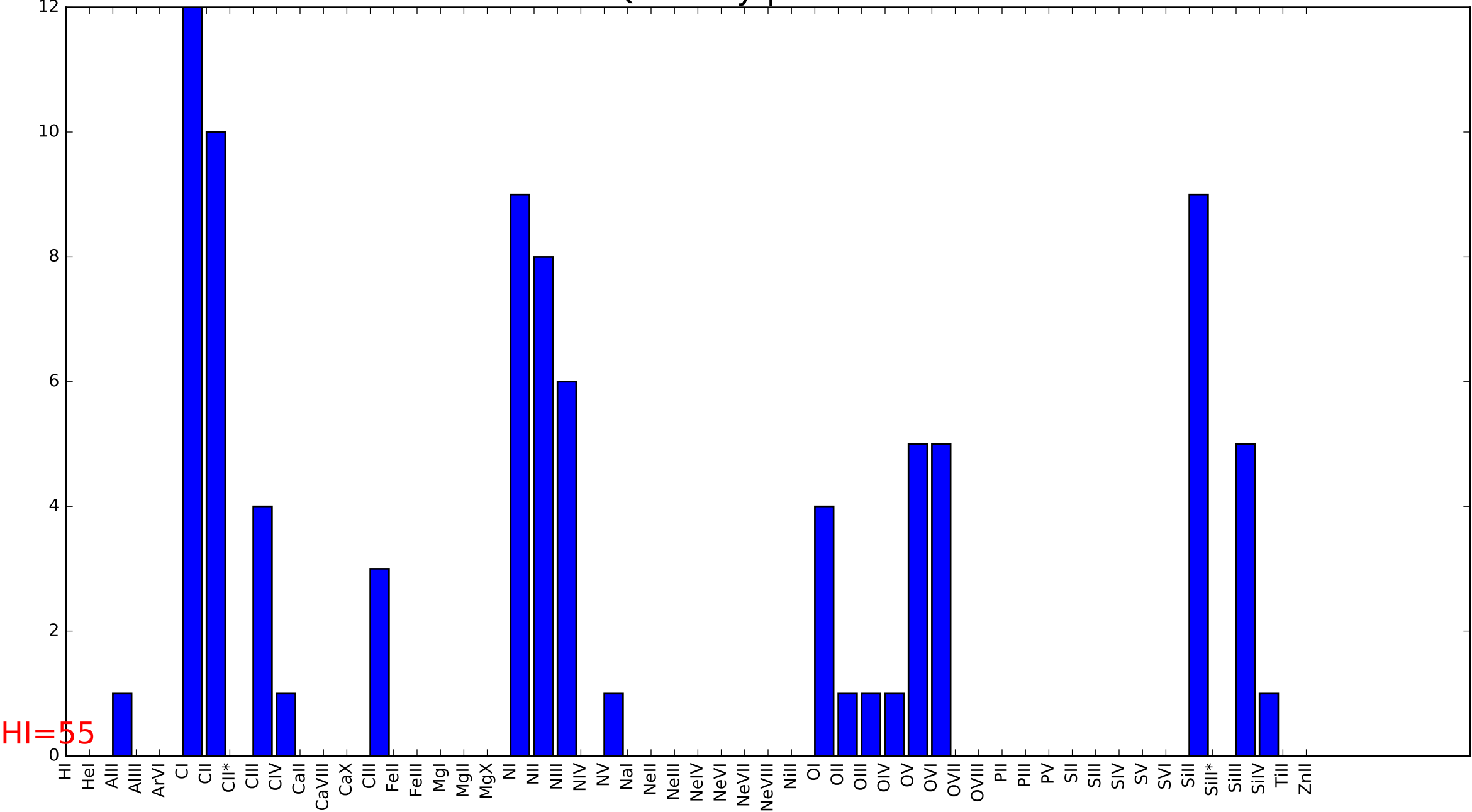
histogram of strong absorbers based on redshift



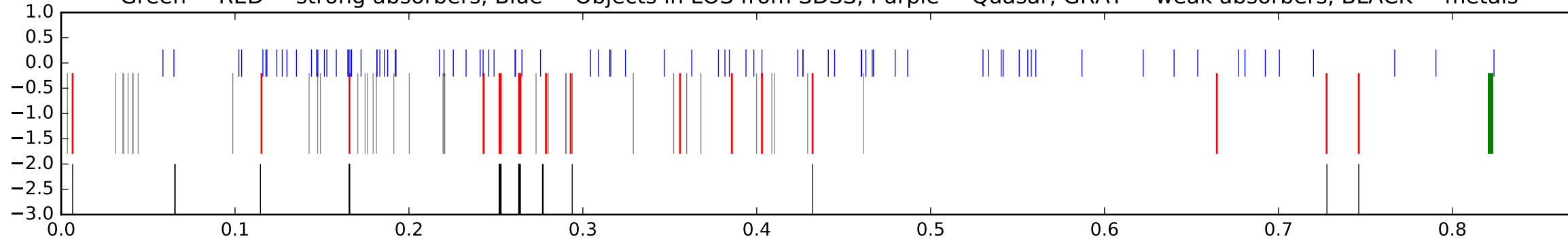
histogram of weak absorbers based on redshift



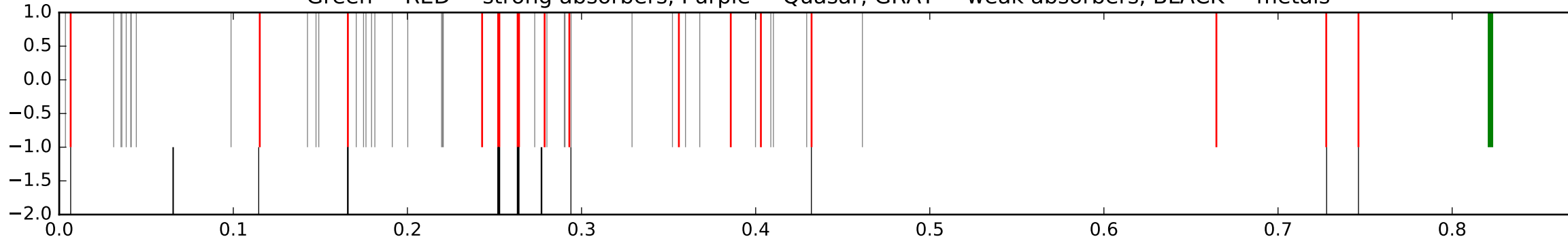
Quantity per Metal



Green = RED = strong absorbers, Blue = Objects in LOS from SDSS, Purple = Quasar, GRAY = weak absorbers, BLACK = metals



Green = RED = strong absorbers, Purple = Quasar, GRAY = weak absorbers, BLACK = metals



Red = strong absorbers, Purple = strong absorbers with strong sdss fits, Blue = Objects in LOS from SDSS, Green= Quasar, GRAY = weak absorbers, BLACK = metals

