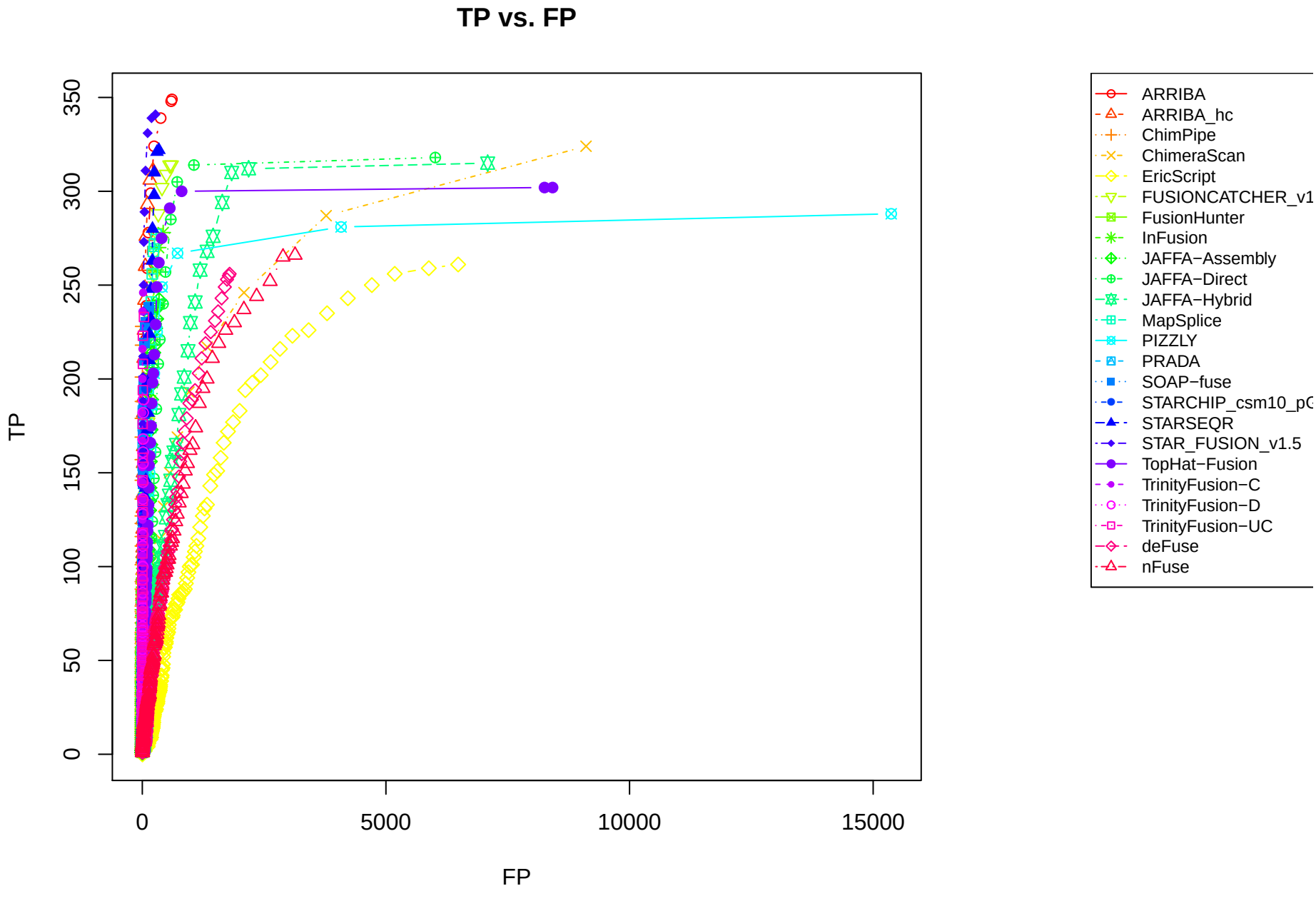
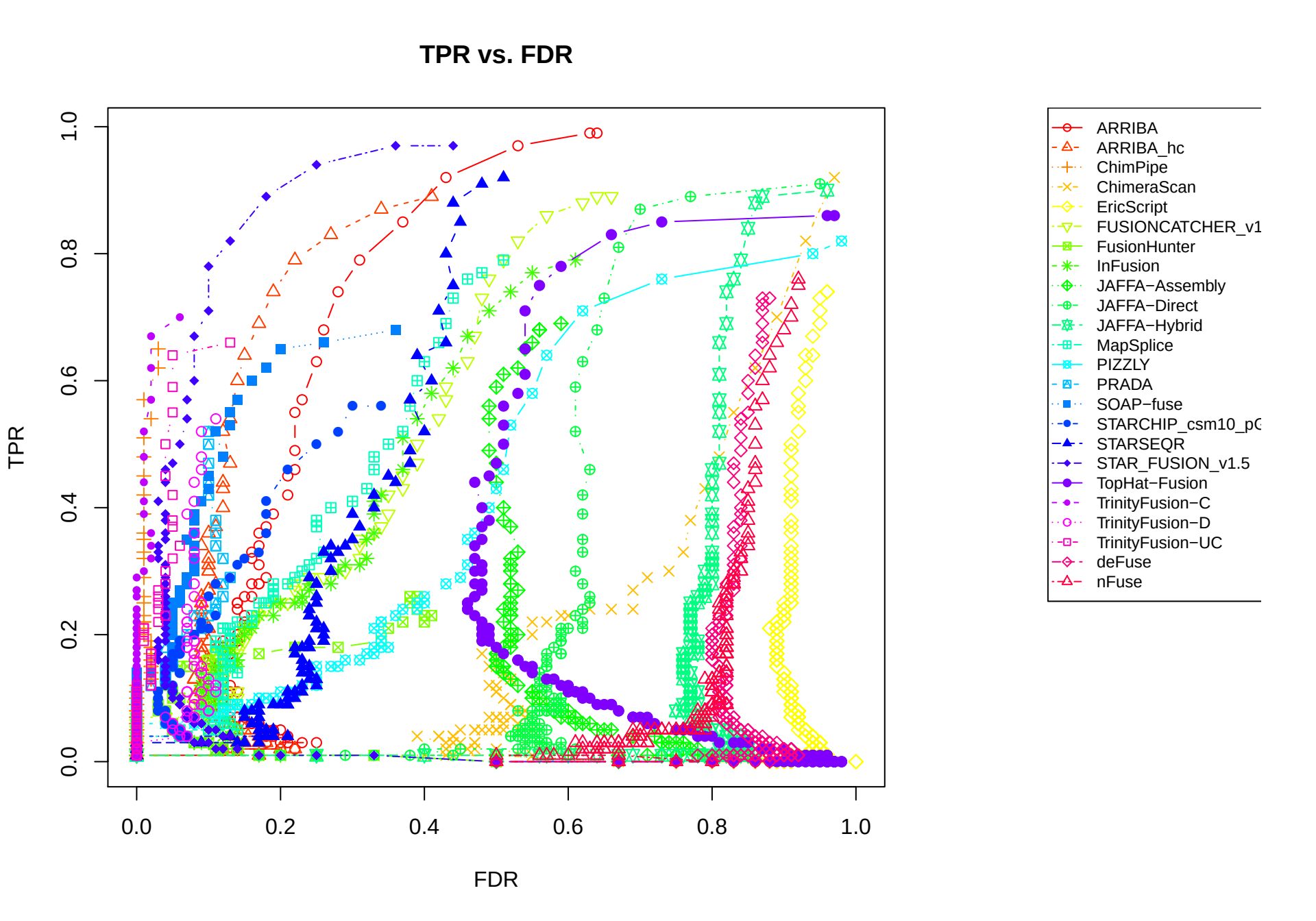
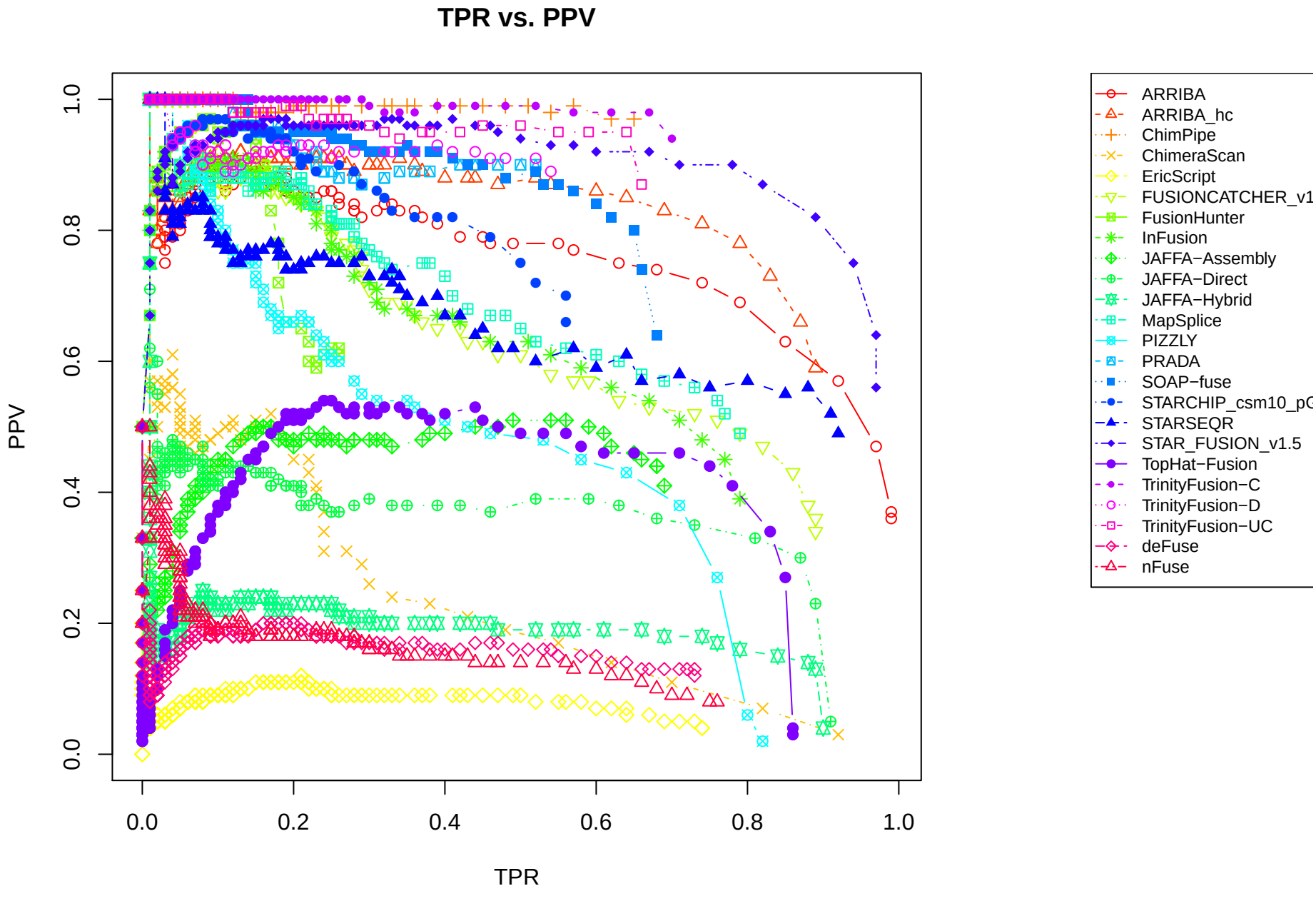
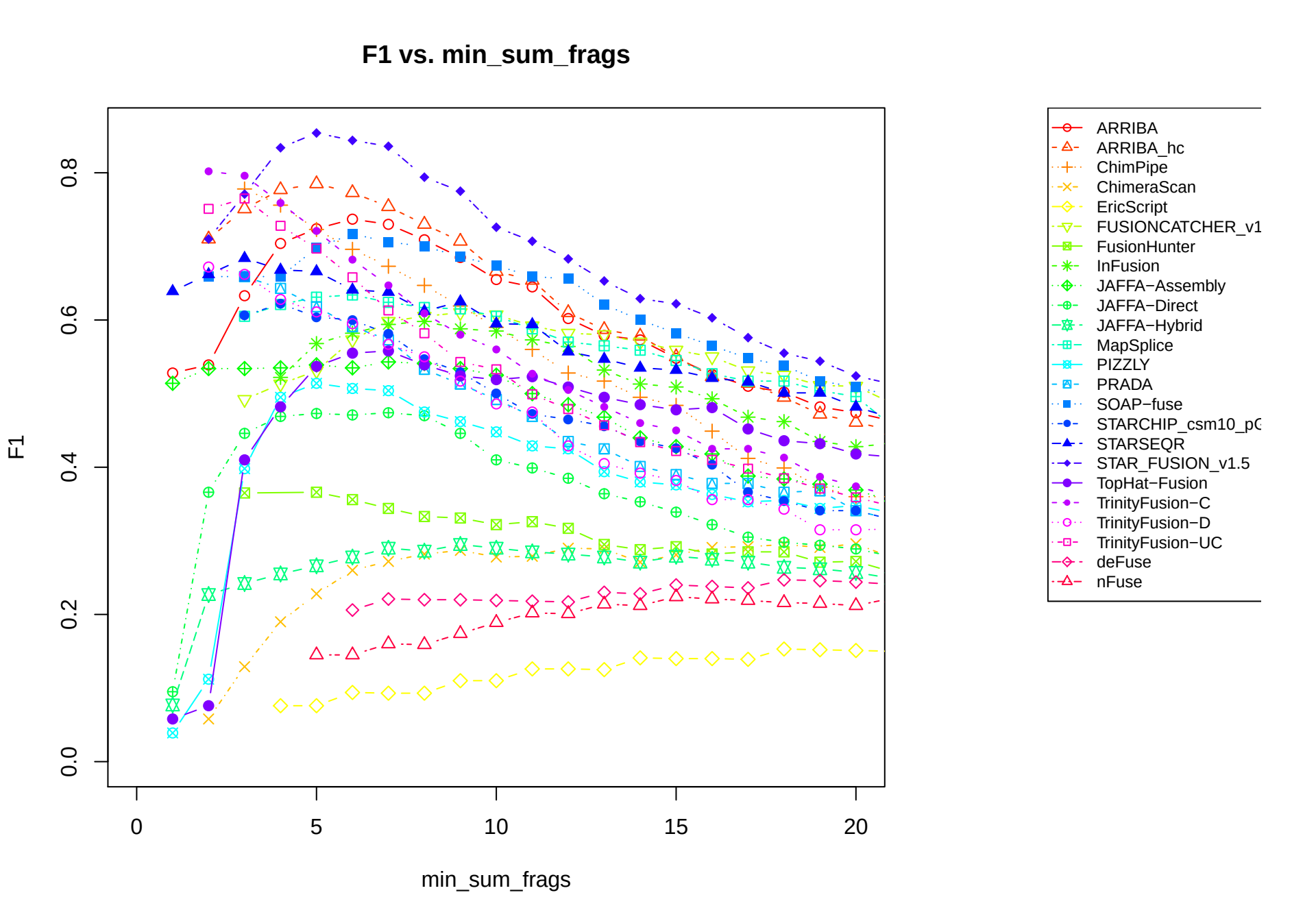
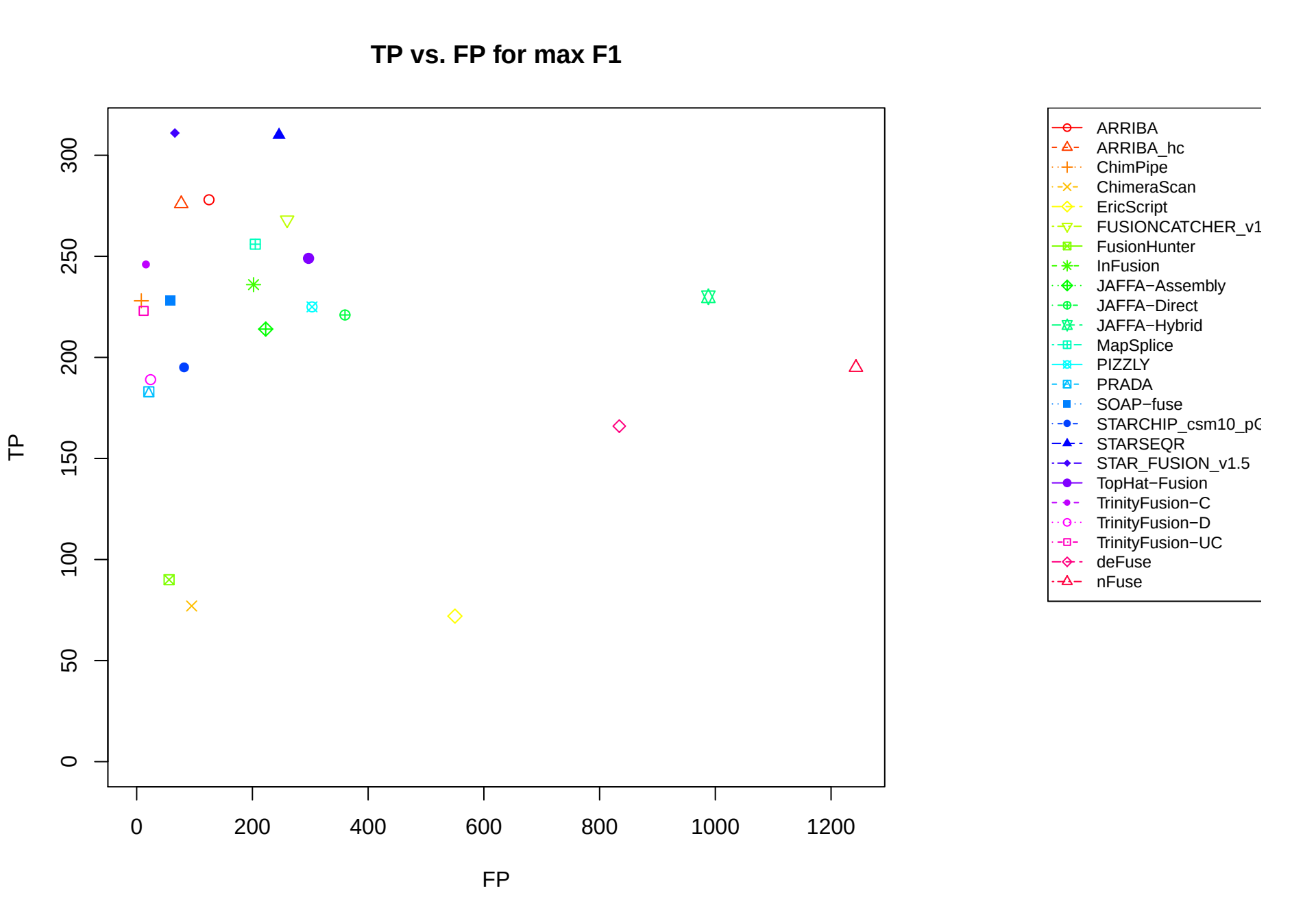
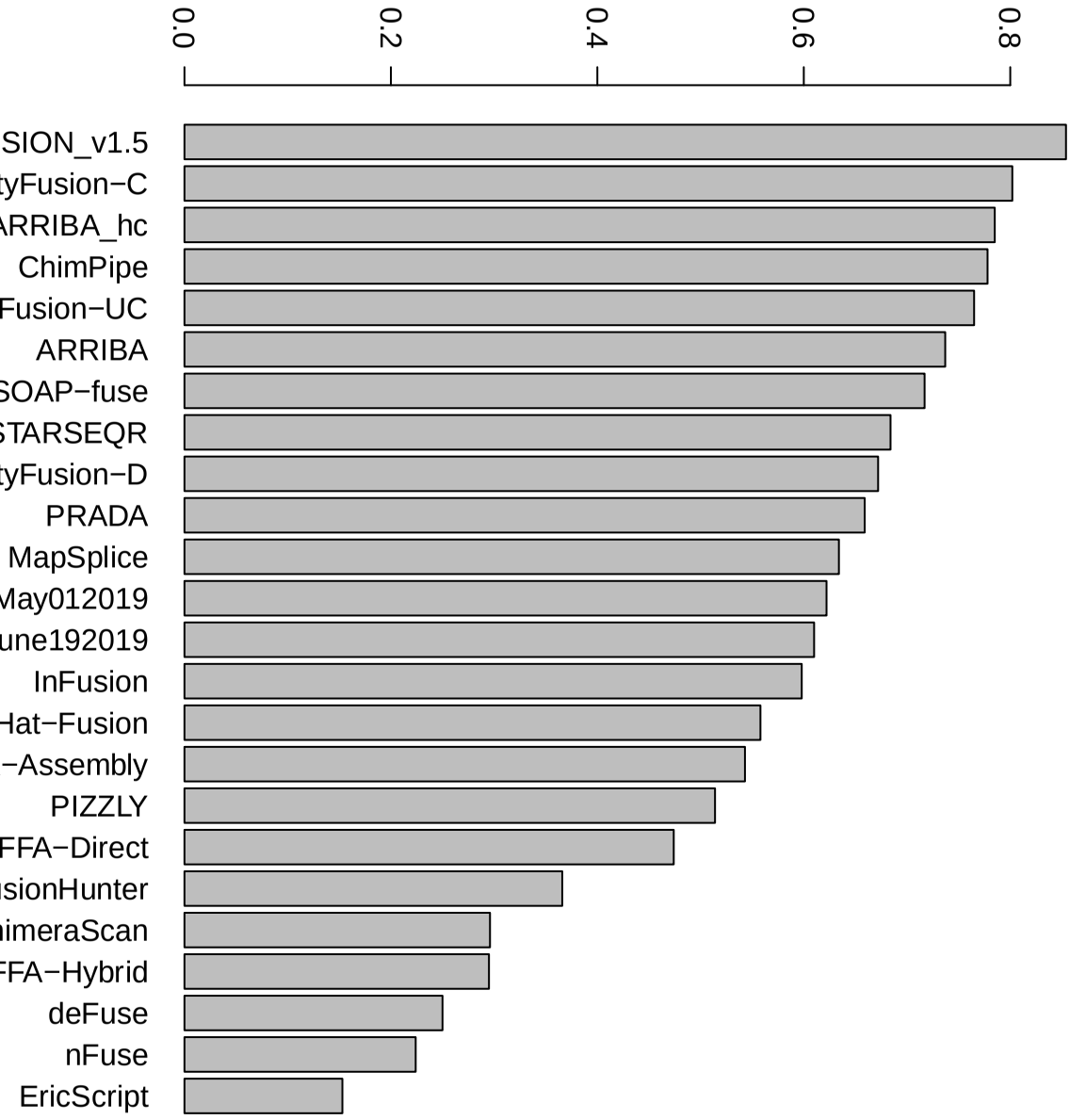

TP vs. FP
TP
FP
0
50
100
150
200
250
300
350
0
5000
10000
15000
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
TrinityFusion−UC
deFuse
nFuse


TPR vs. FDR
TPR
FDR
0.0
0.2
0.4
0.6
0.8
1.0
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
TrinityFusion−UC
deFuse
nFuse


TPR vs. PPV
PPV
TPR
0.0
0.2
0.4
0.6
0.8
1.0
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
TrinityFusion−UC
deFuse
nFuse


F1 vs. min_sum_frags
F1
0.0
0.2
0.4
0.6
0.8
0
5
10
15
20
min_sum_frags
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
TrinityFusion−UC
deFuse
nFuse


TP vs. FP for max F1
TP
FP
0
50
100
150
200
250
300
0
200
400
600
800
1000
1200
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
TrinityFusion−UC
deFuse
nFuse


0.0
0.2
0.4
0.6
0.8
SION_v1.5
tyFusion−C
ARRIBA_hc
ChimPipe
Fusion−UC
ARRIBA
SOAP−fuse
STARSEQR
tyFusion−D
PRADA
MapSplice
May012019
une192019
InFusion
Hat−Fusion
−Assembly
PIZZLY
FFA−Direct
sionHunter
imeraScan
FFA−Hybrid
deFuse
nFuse
EricScript