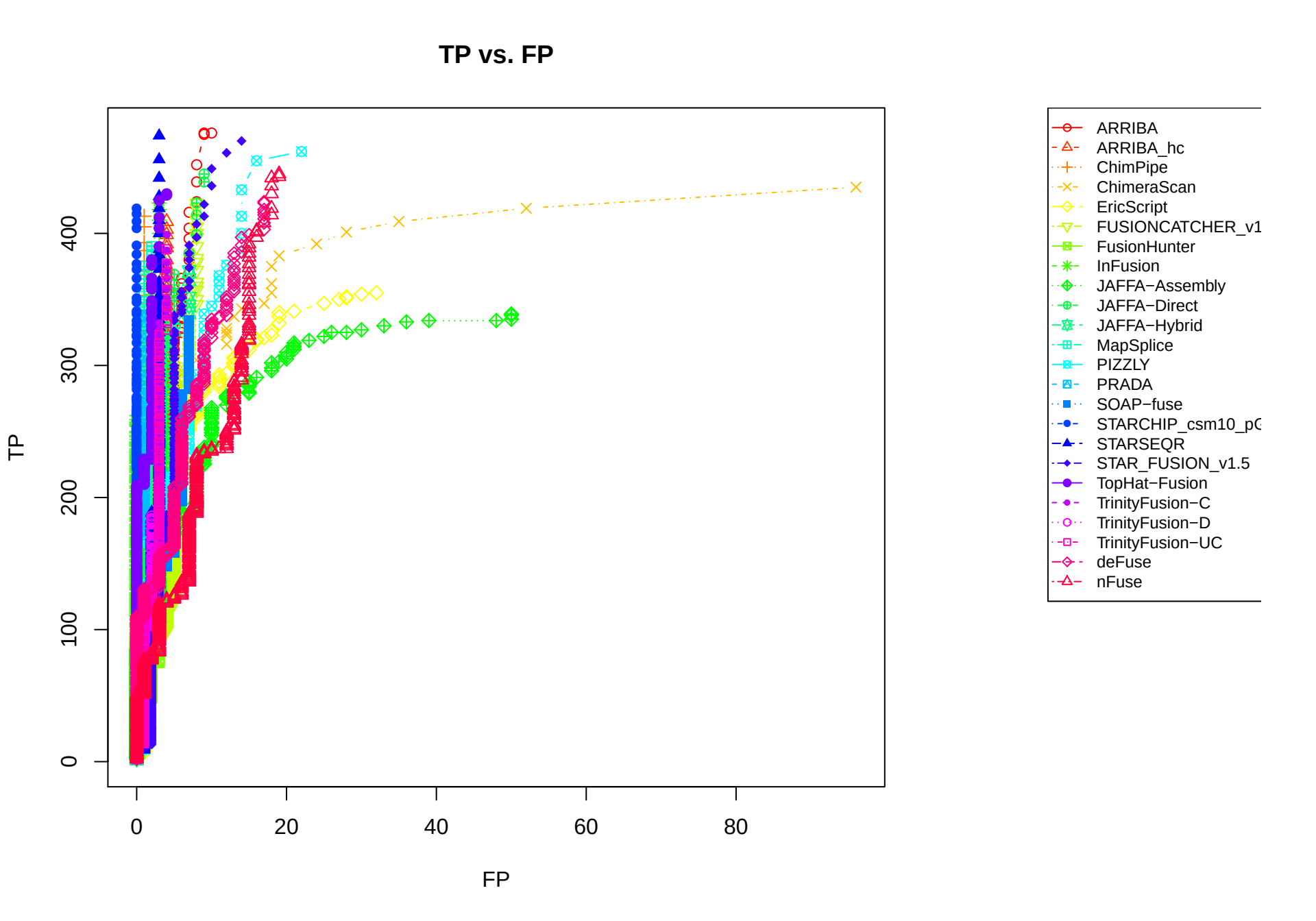
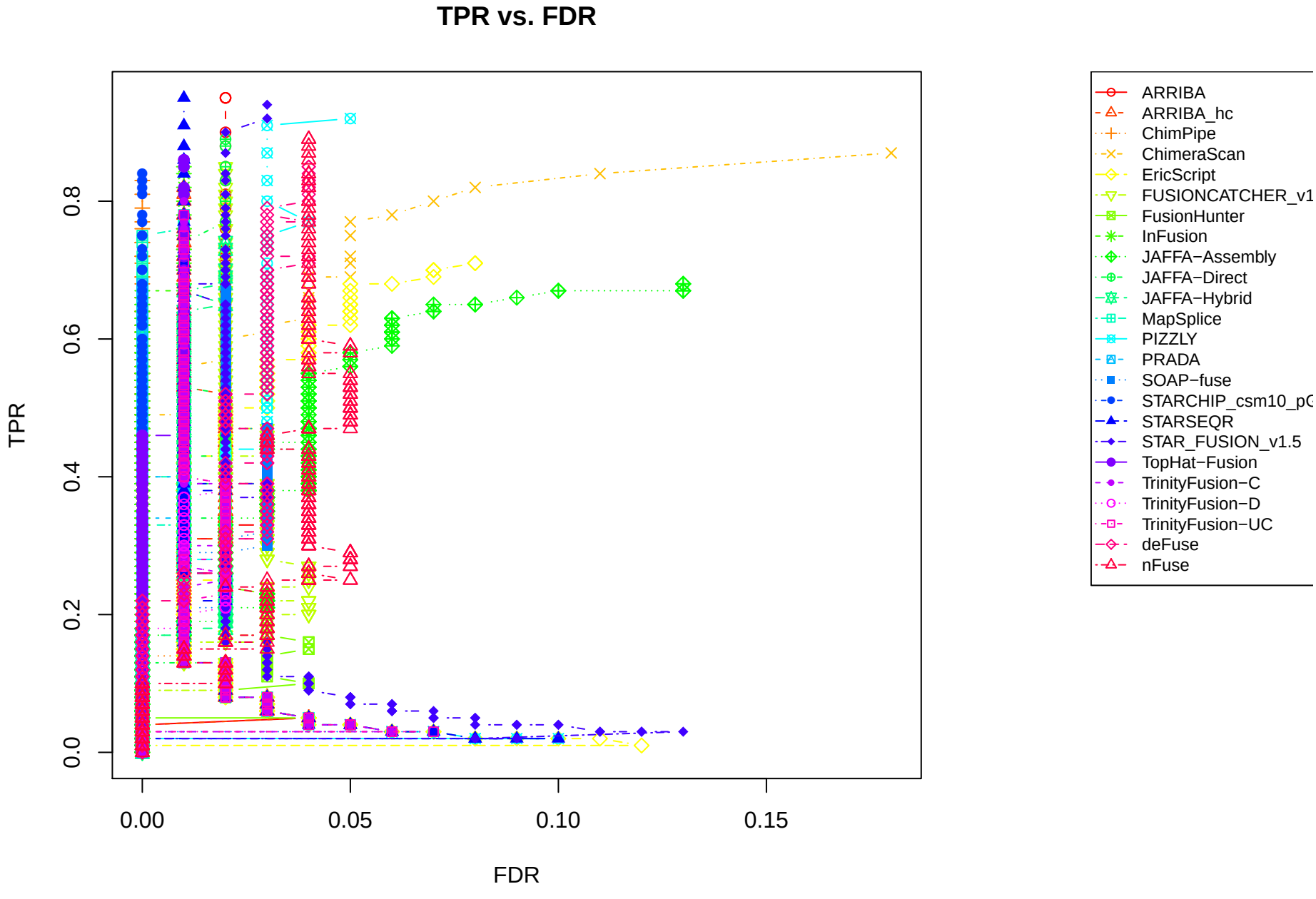
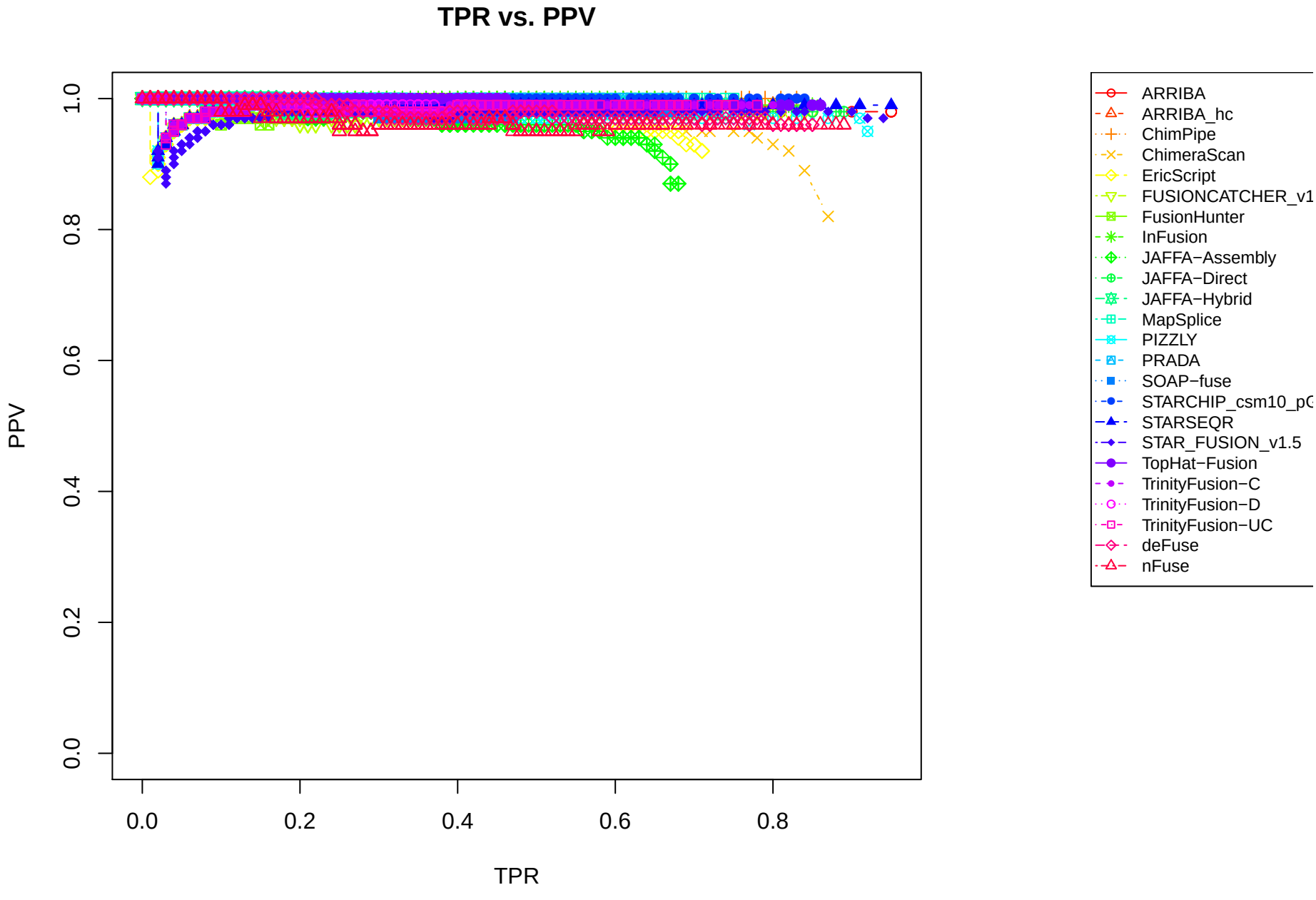
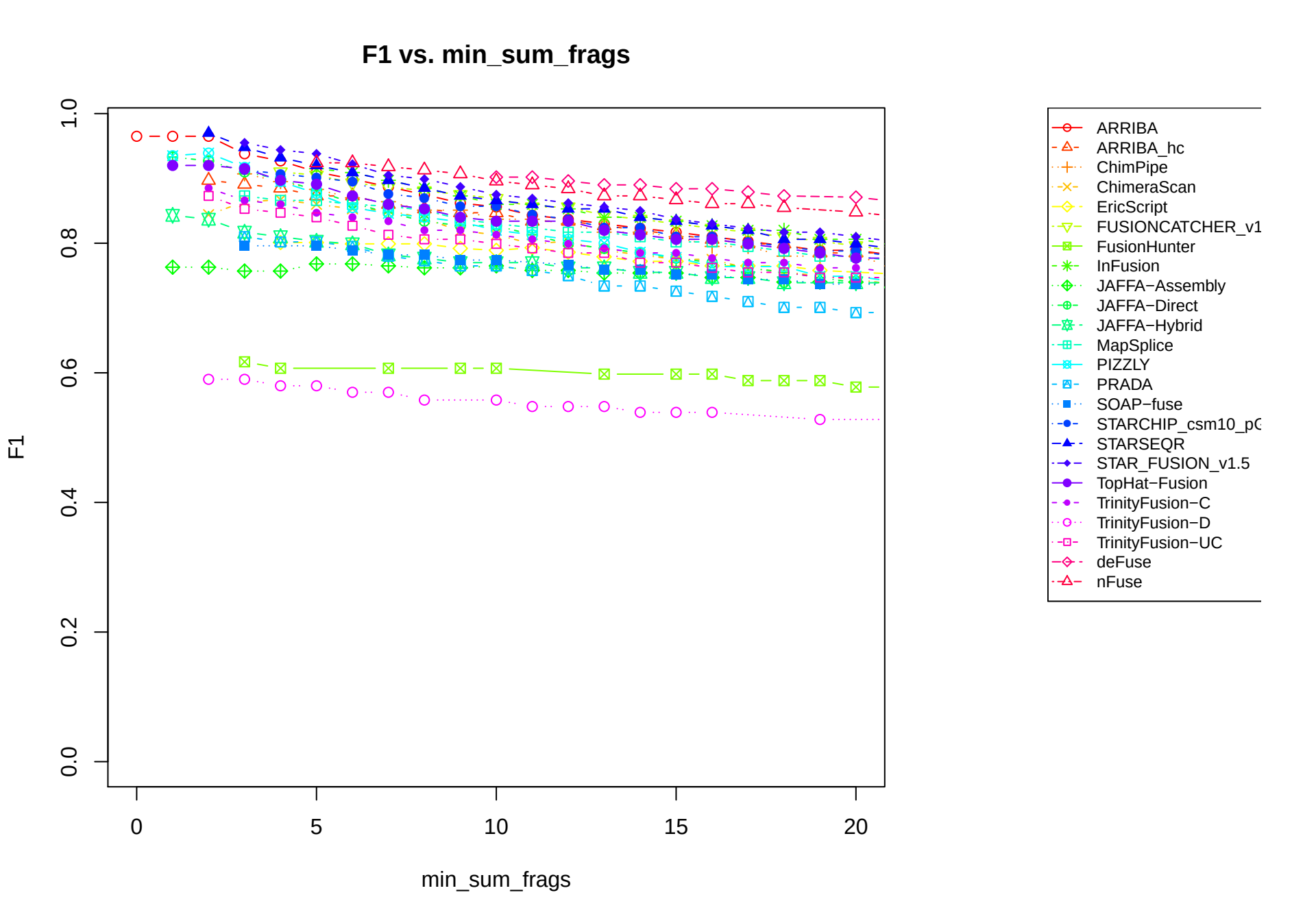
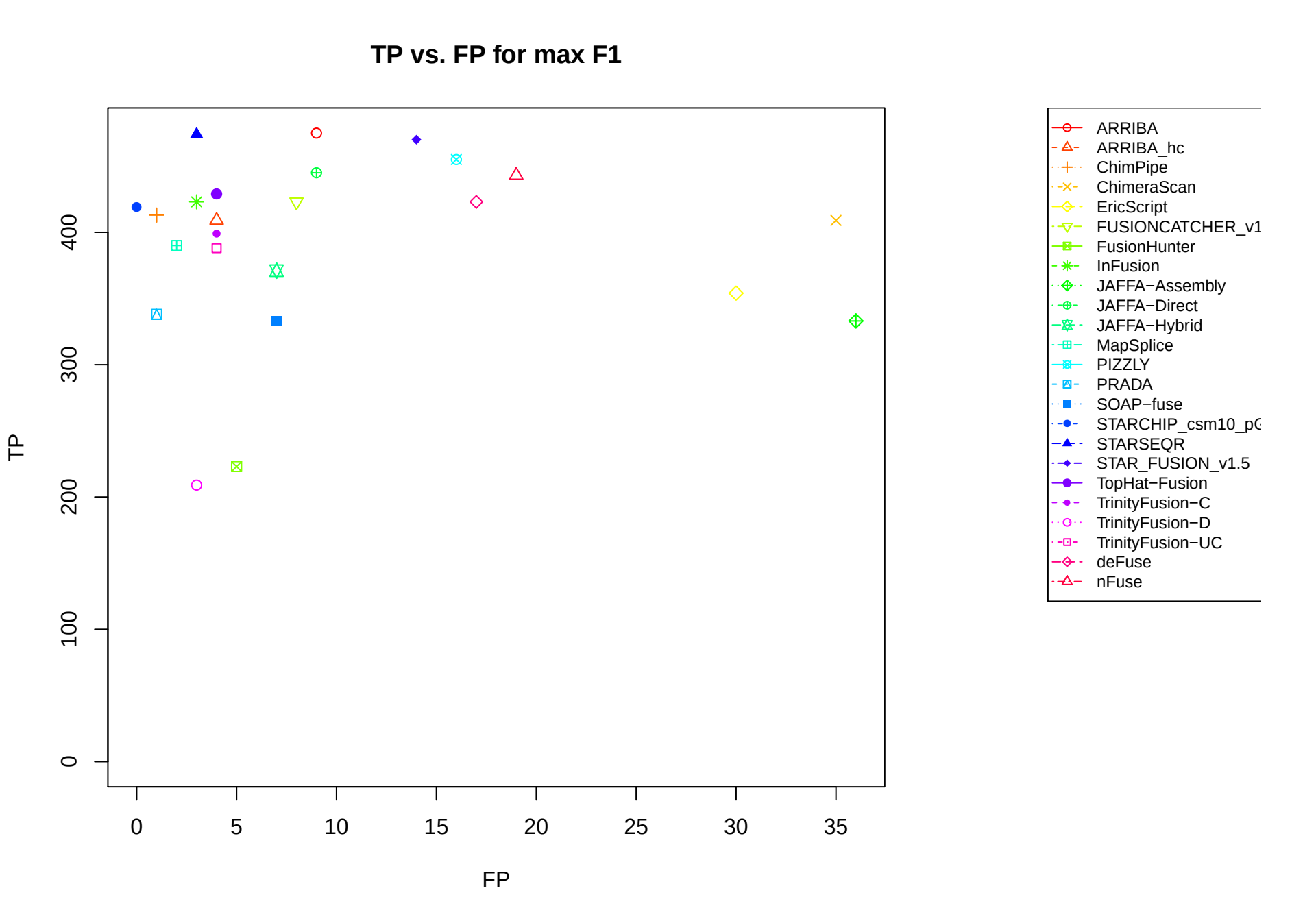
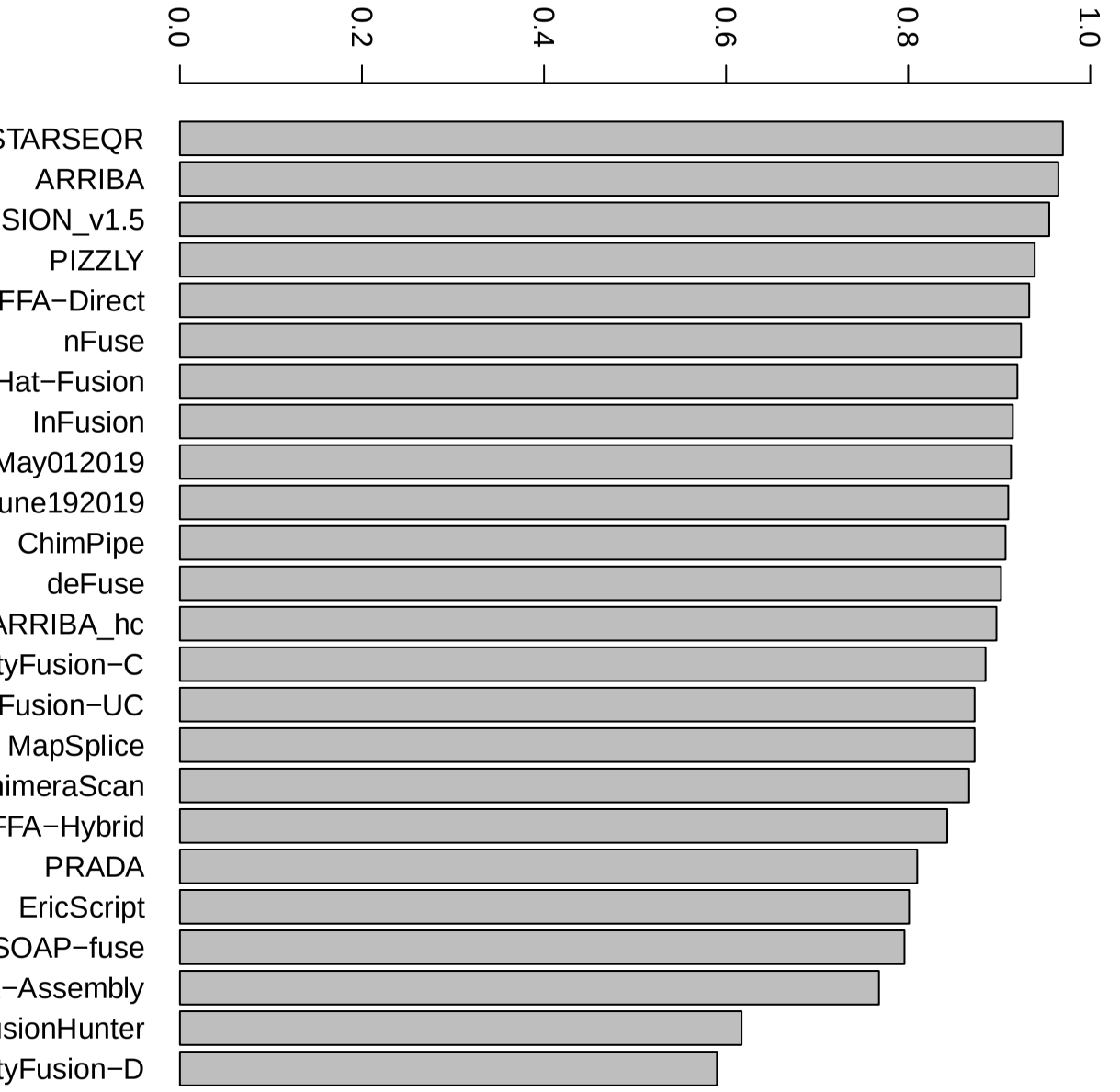

TP vs. FP
TP
FP
0
100
200
300
400
0
20
40
60
80
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
TrinityFusion−UC
deFuse
nFuse


TPR vs. FDR
TPR
FDR
0.0
0.2
0.4
0.6
0.8
0.00
0.05
0.10
0.15
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
1.0
0.8
0.6
0.4
0.2
0.0
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
100
200
300
400
0
5
10
15
20
25
30
35
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
1.0
STARSEQR
ARRIBA
SION_v1.5
PIZZLY
FFA−Direct
nFuse
Hat−Fusion
InFusion
May012019
une192019
ChimPipe
deFuse
ARRIBA_hc
tyFusion−C
Fusion−UC
MapSplice
himeraScan
FFA−Hybrid
PRADA
EricScript
SOAP−fuse
−Assembly
usionHunter
tyFusion−D