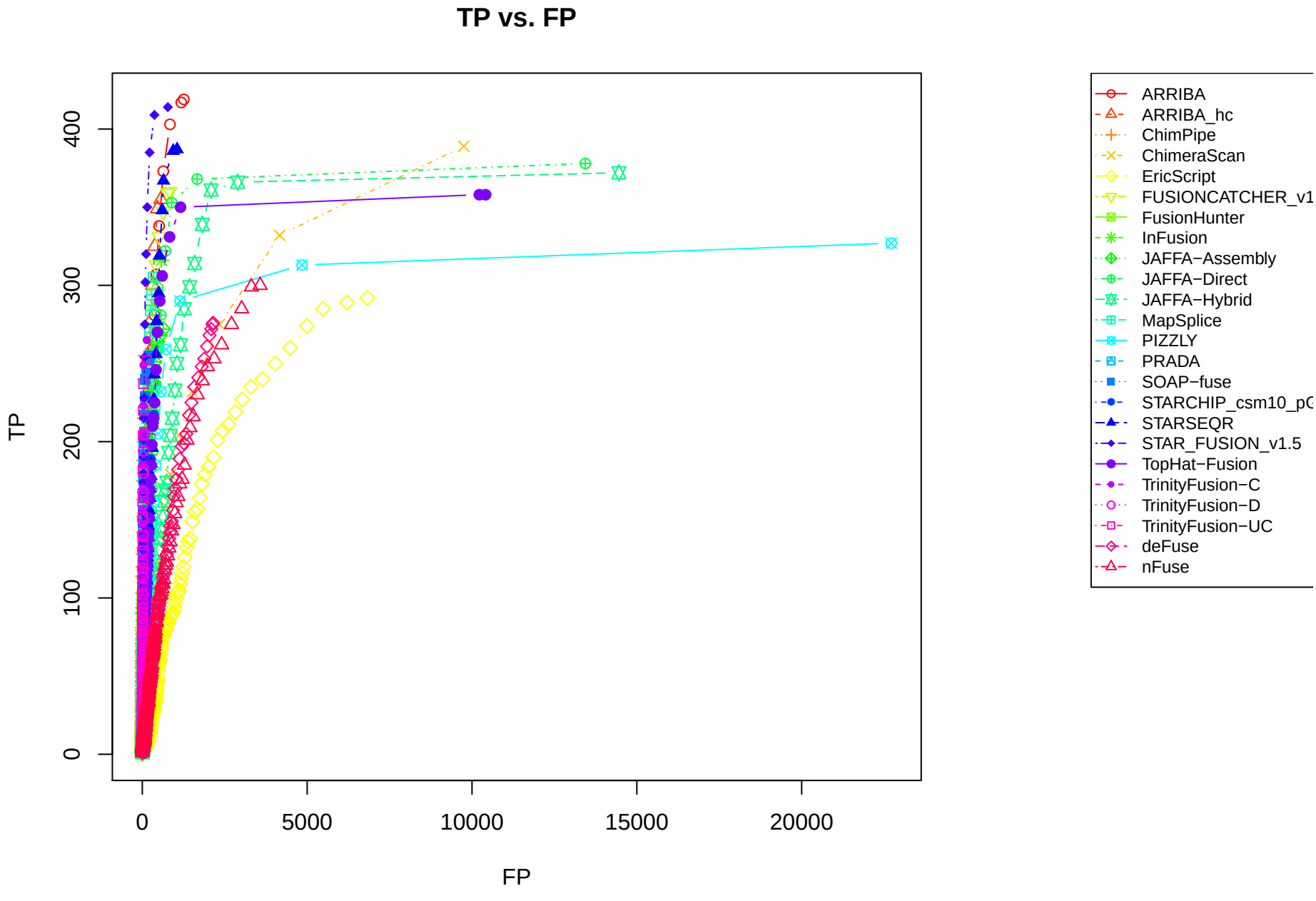
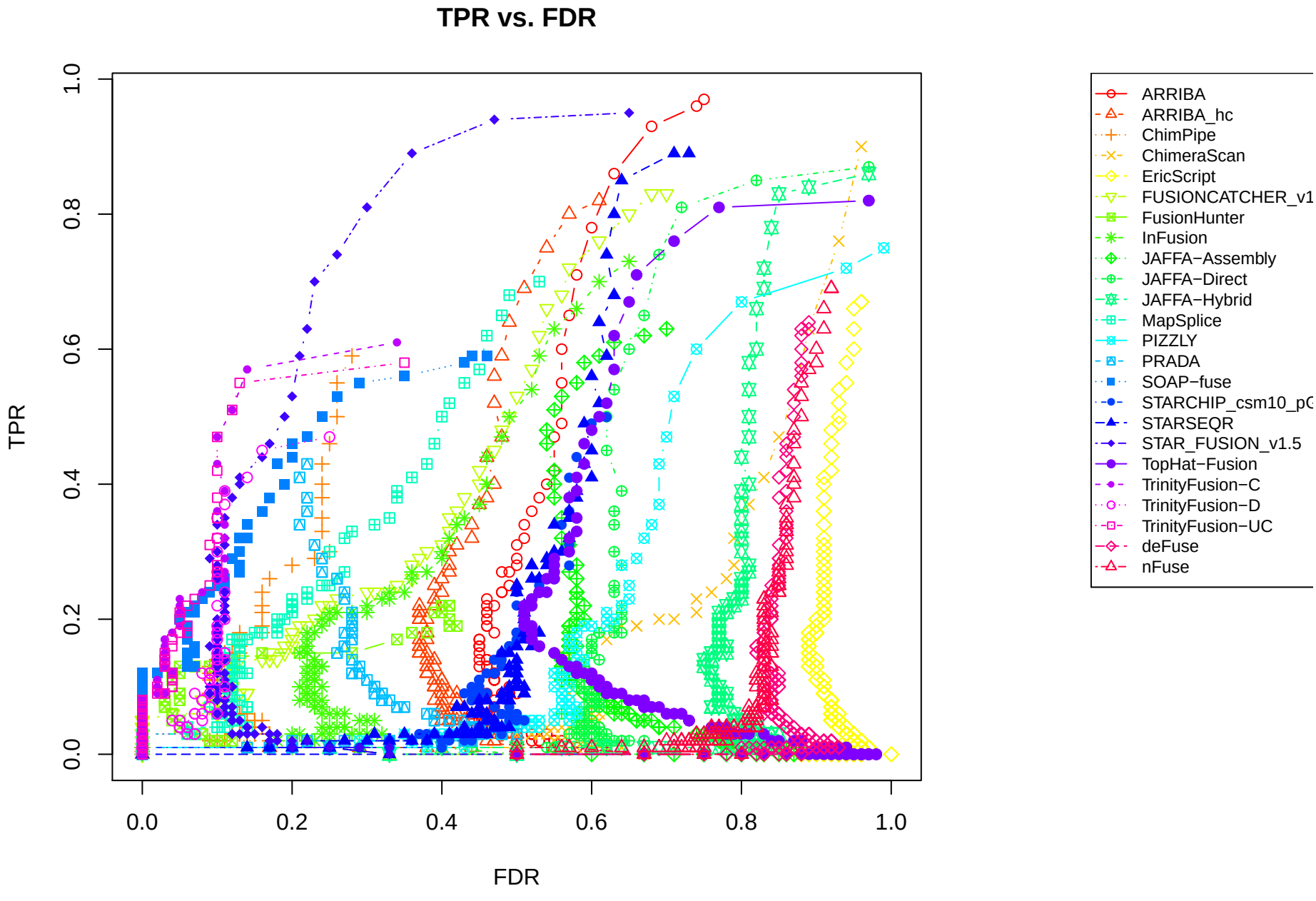
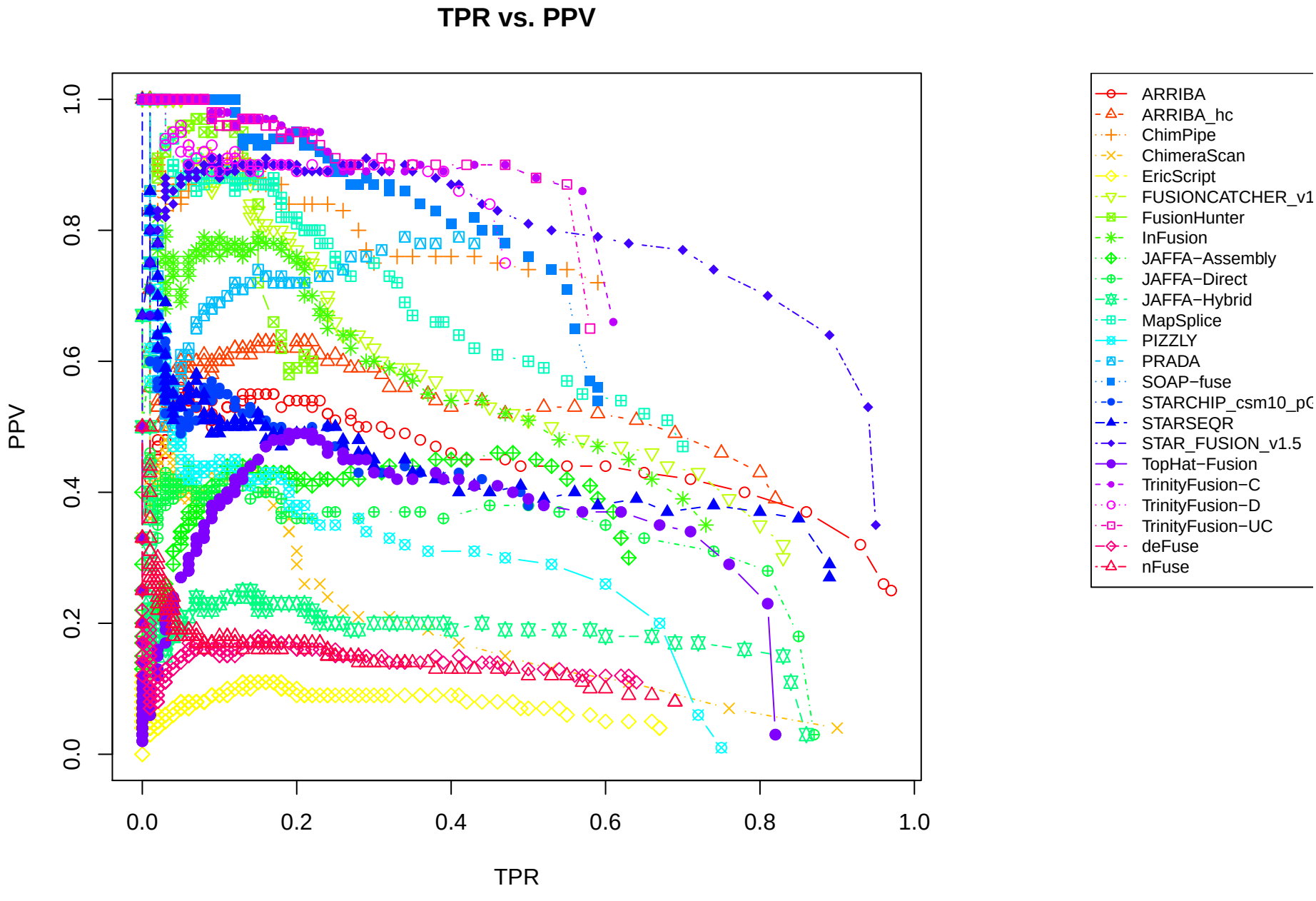
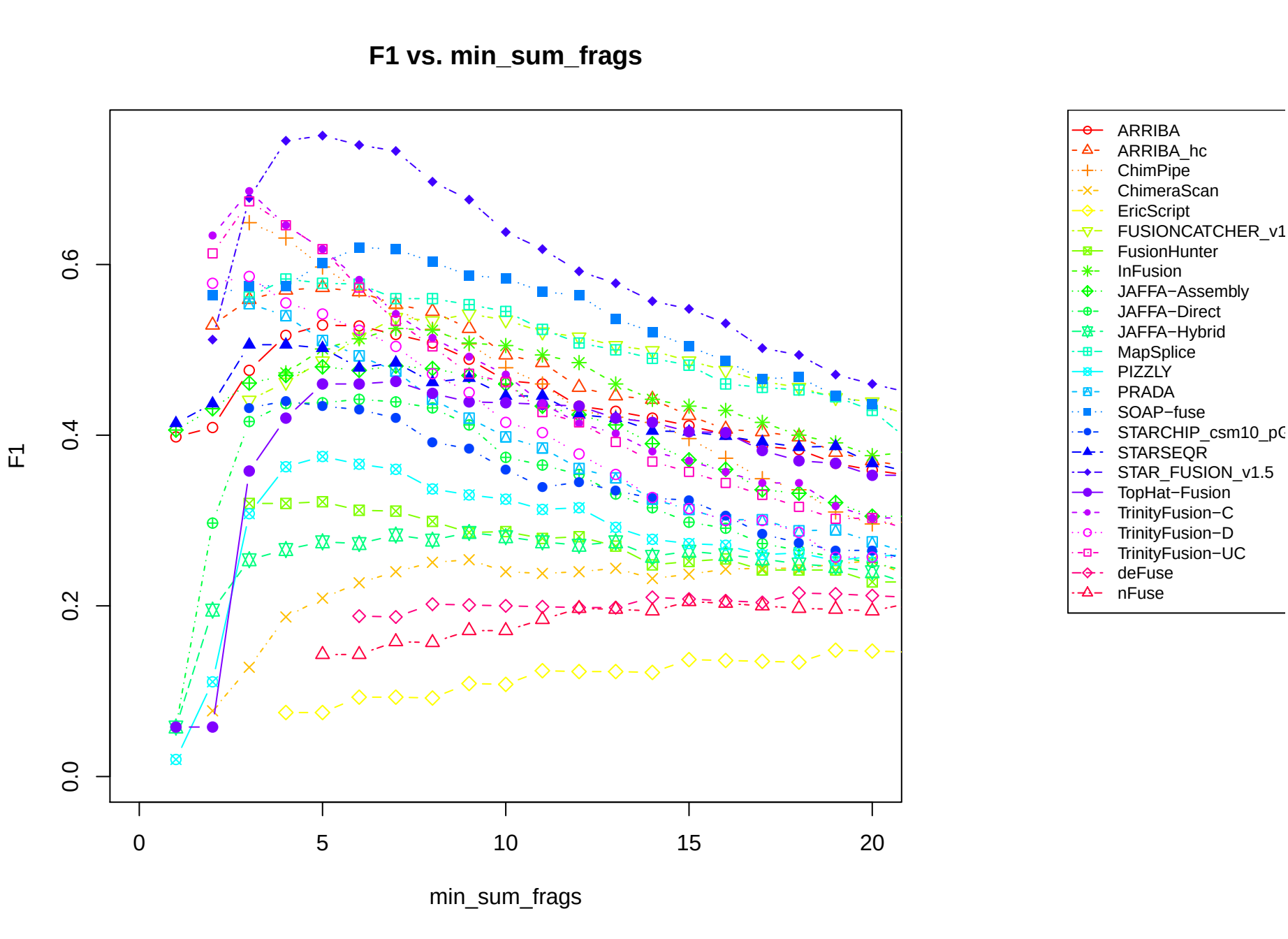
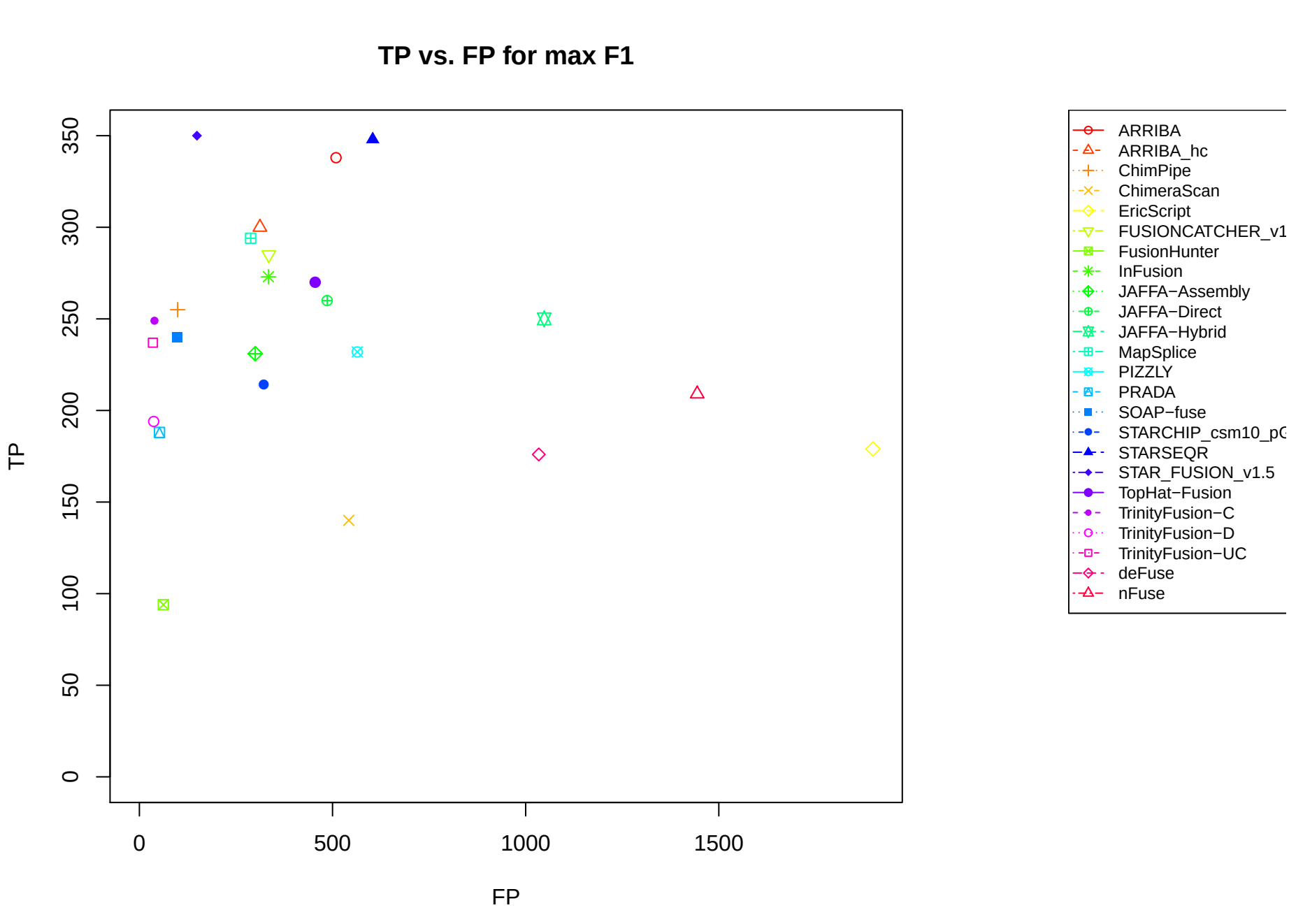

TP vs. FP
TP
FP
0
100
200
300
400
0
5000
10000
15000
20000
ARRIBA
ARRIBA_hc
ChimPipe
ChimeraScan
EricScript
FUSIONCATCHER_v1
FusionHunter
InFusion
JAFFA−Assembly
JAFFA−Direct
JAFFA−Hybrid
MapSplice
PIZZLY
PRADA
SOAP−fuse
STARCHIP_csm10_pC
STARSEQR
STAR_FUSION_v1.5
TopHat−Fusion
TrinityFusion−C
TrinityFusion−D
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
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
350
0
500
1000
1500
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

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