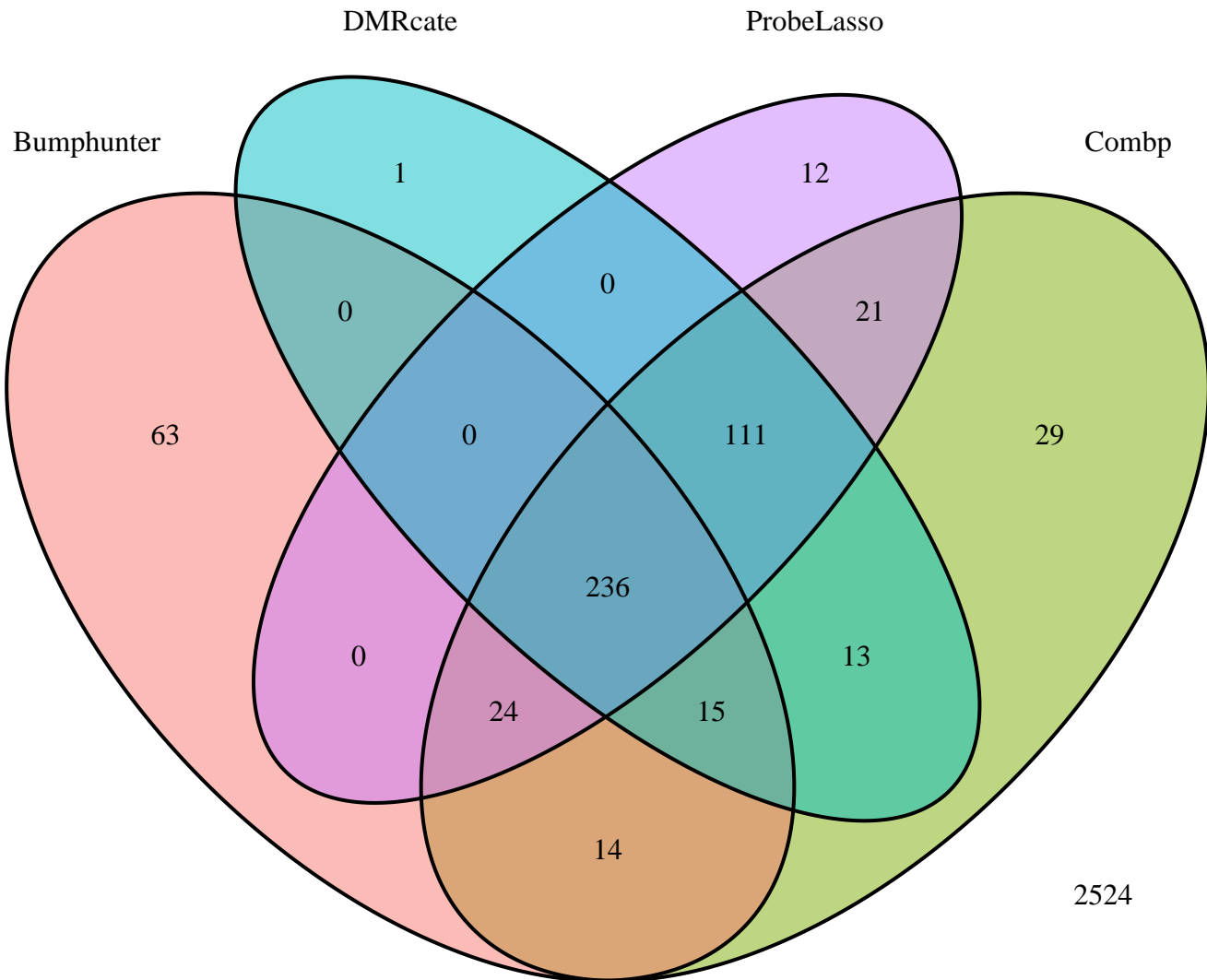


Venn Diagram for $\mu = 0.2$, seed = 100



Venn Diagram for $\mu = 0.2$, seed = 210

DMRcate

ProbeLasso

Bumphunter

Combp

81

1

12

24

0

0

0

134

208

1

25

17

18

9

32

2501

Venn Diagram for $\mu = 0.2$, seed = 210

A Venn diagram illustrating the overlap of differentially methylated regions (DMRs) identified by four methods: DMRcate, ProbeLasso, Bumhunter, and Combp. The diagram consists of four overlapping ellipses. The counts for each region are as follows:

Region	Count
Bumhunter only	81
DMRcate only	1
ProbeLasso only	12
Combp only	24
Bumhunter & DMRcate	0
DMRcate & ProbeLasso	0
ProbeLasso & Combp	32
Combp & Bumhunter	18
Bumhunter & ProbeLasso	1
DMRcate & Combp	9
Bumhunter & Combp	25
DMRcate & Bumhunter	0
DMRcate & ProbeLasso & Combp	134
DMRcate & Bumhunter & Combp	0
ProbeLasso & Bumhunter & Combp	17
All four methods	208
Total unique DMRs	2501

Venn Diagram for $\mu = 0.2$, seed = 210

DMRcate

ProbeLasso

Bumphunter

Combp

81

1

12

24

0

0

0

134

208

1

25

17

18

9

32

2501

Venn Diagram for $\mu = 0.2$, seed = 210

DMRcate

ProbeLasso

Bumphunter

Combp

81

1

12

24

0

0

0

134

208

1

25

17

18

9

32

2501

Venn Diagram for $\mu = 0.2$, seed = 210

DMRcate

ProbeLasso

Bumphunter

Combp

81

1

12

24

0

0

0

134

208

1

25

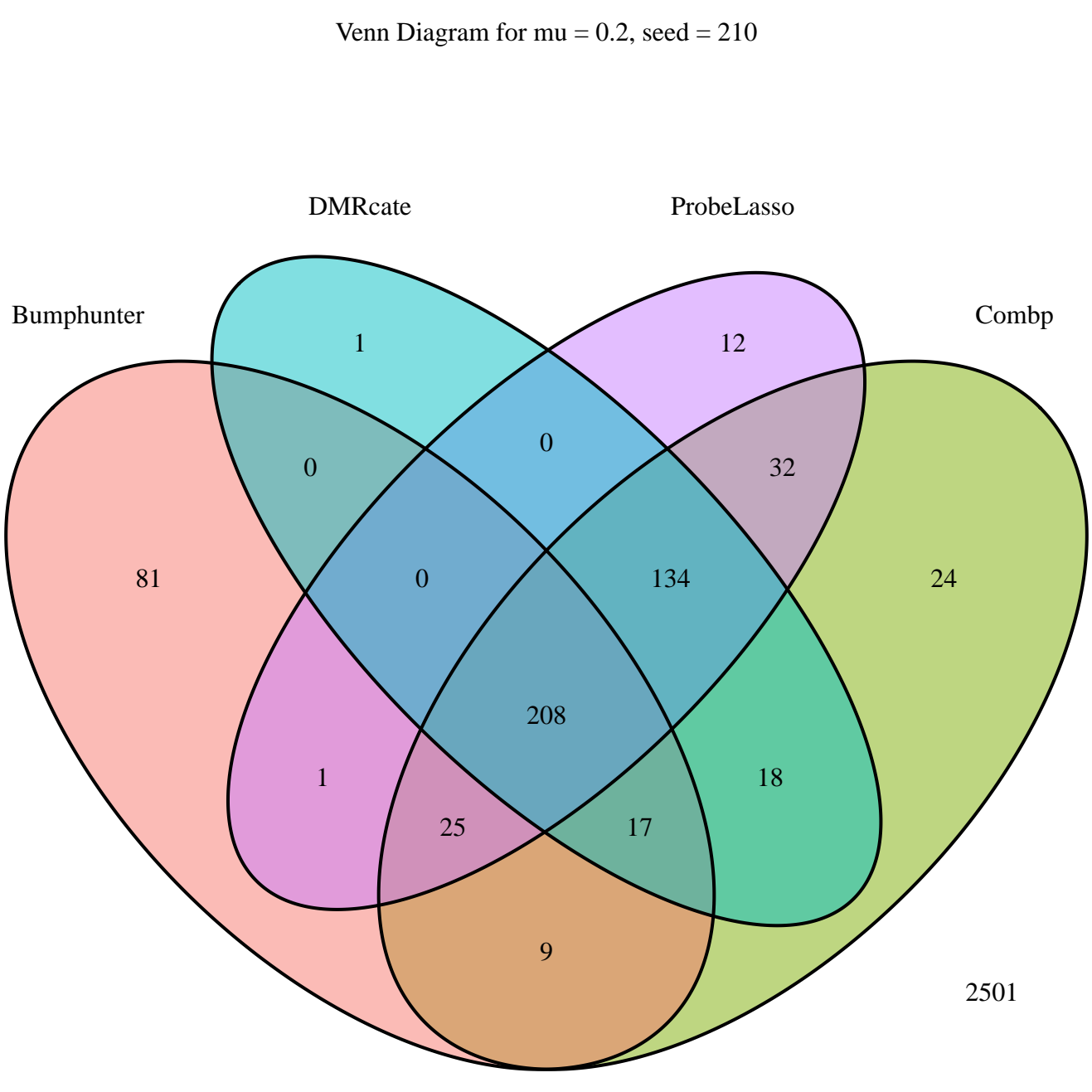
17

18

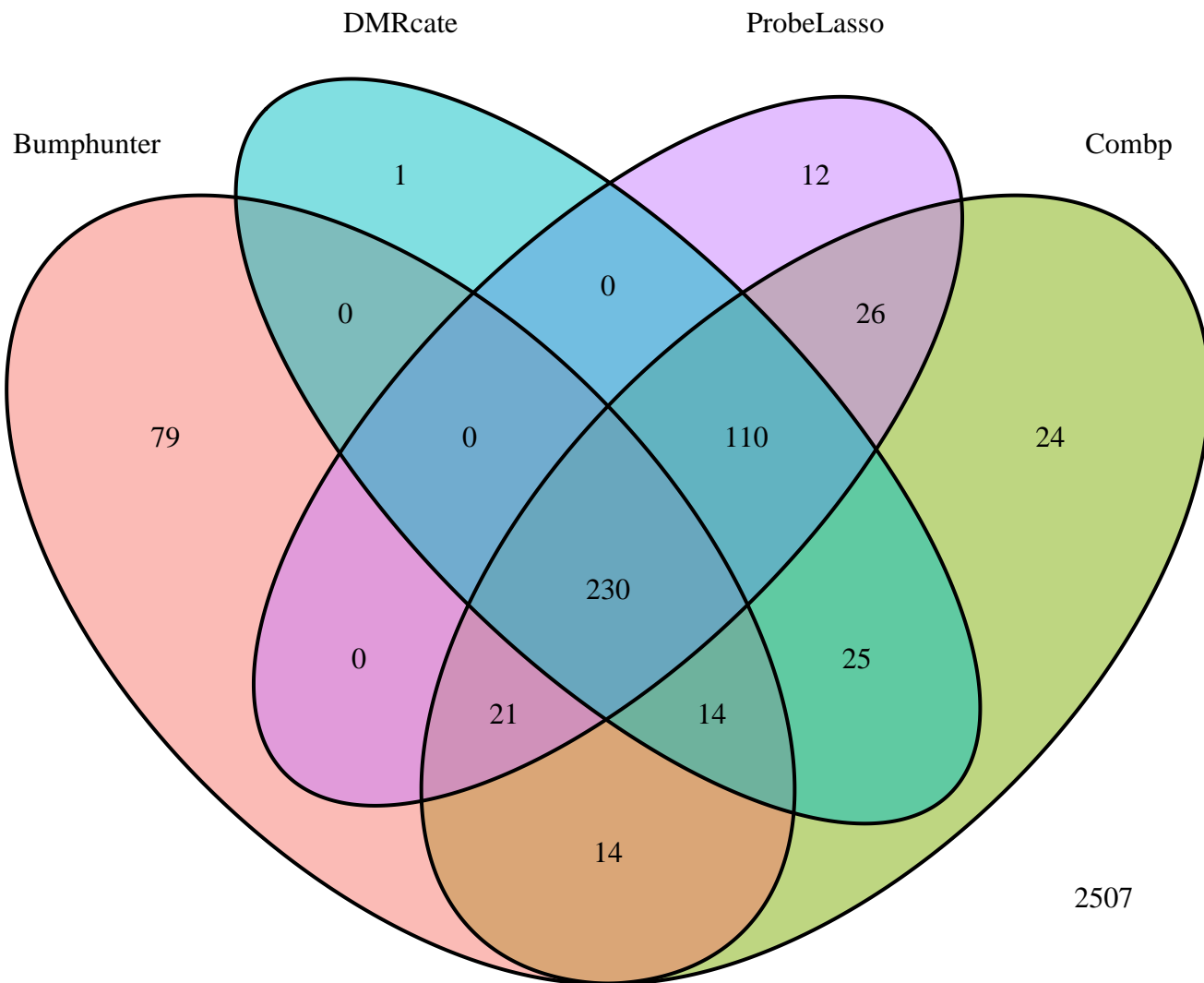
9

32

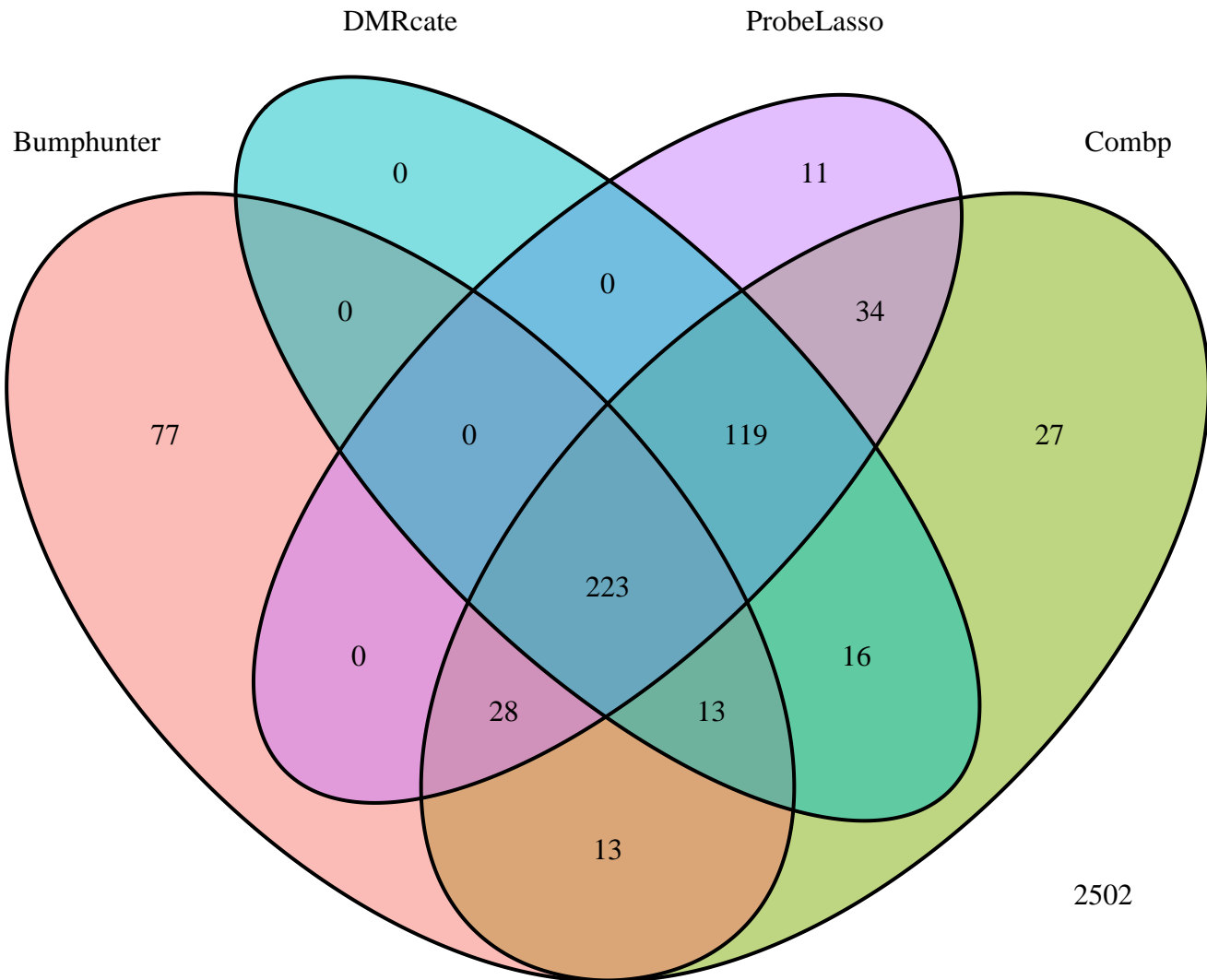
2501



Venn Diagram for $\mu = 0.2$, seed = 330



Venn Diagram for $\mu = 0.2$, seed = 450



Venn Diagram for $\mu = 0.2$, seed = 680

