

Supplement S3

Corresponding to Fig. 4

Density scatterplots of all individual patients (n=25)

Pat. 1

PreOP

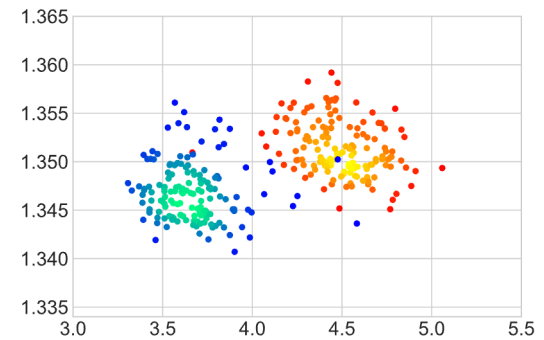
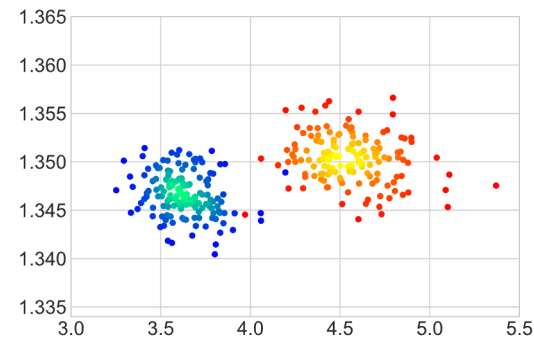
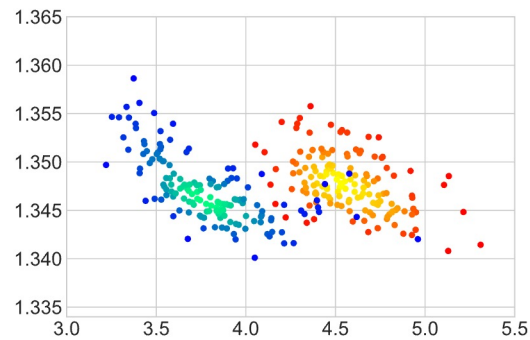
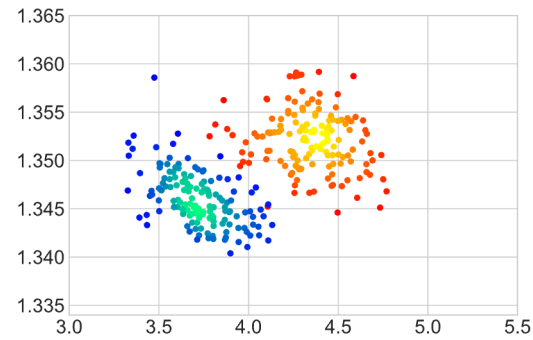
Day 1

Day 3

Day 6

A

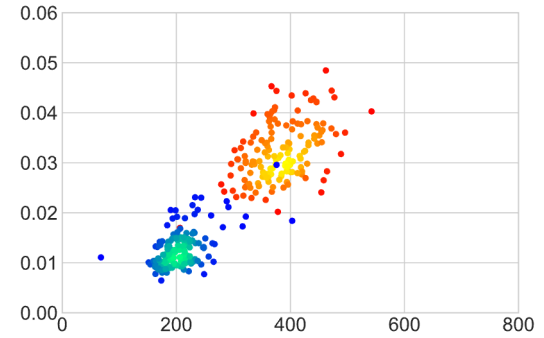
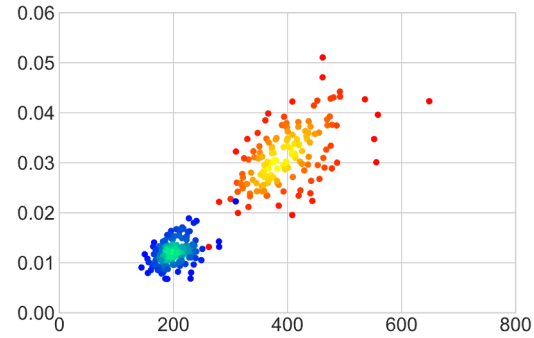
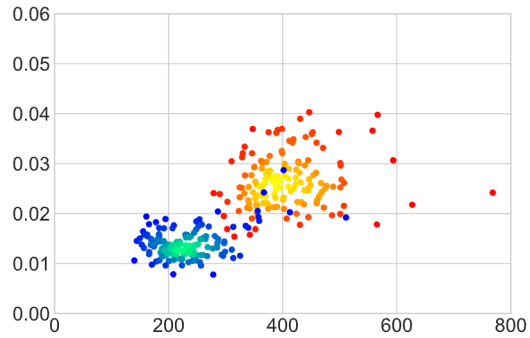
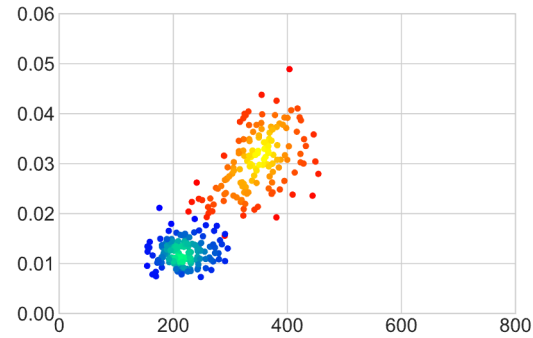
n_{cell}



B

DM [ng]

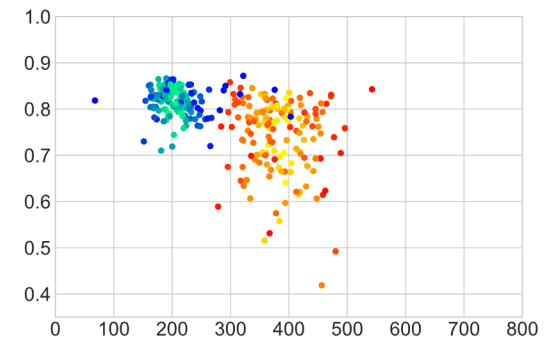
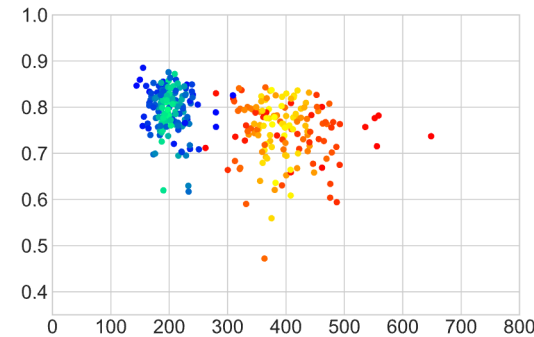
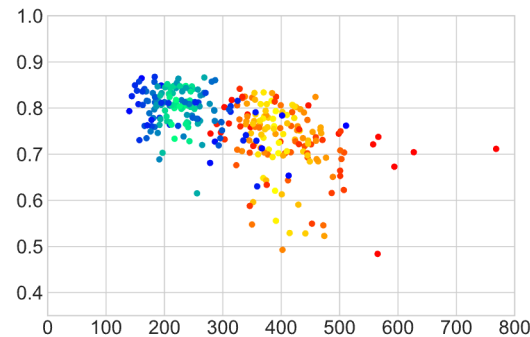
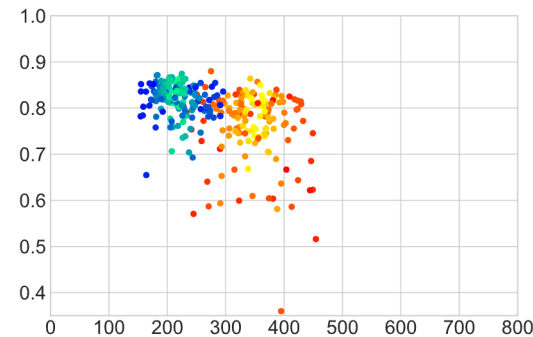
R [μm]



C

FF

V [μm³]



V [μm³]

density

Lymphocytes

density

Monocytes

Pat. 2

PreOP

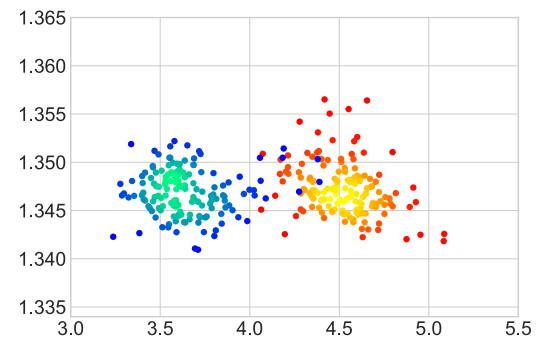
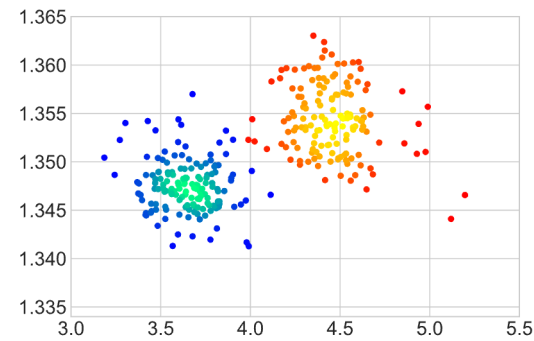
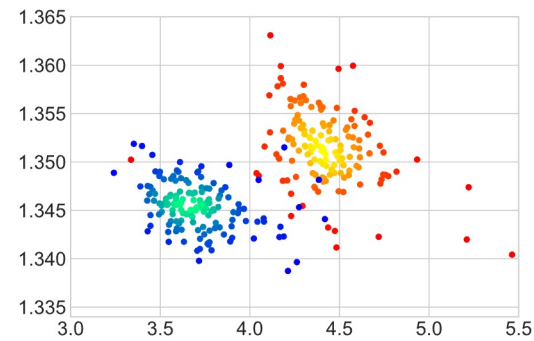
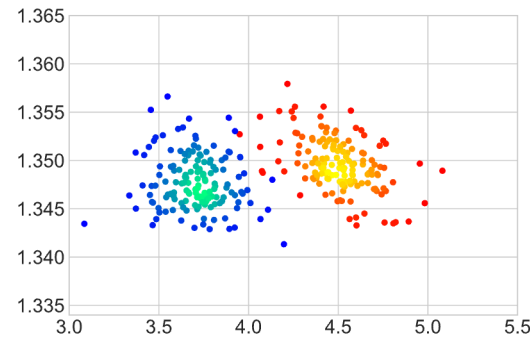
Day 1

Day 3

Day 6

A

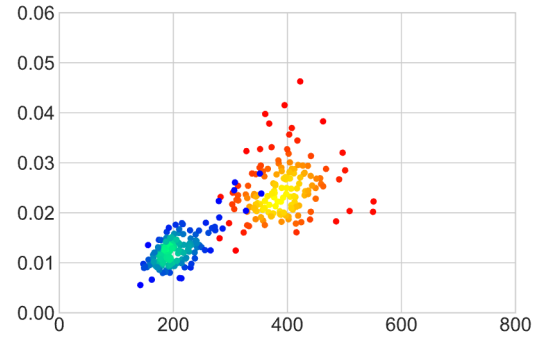
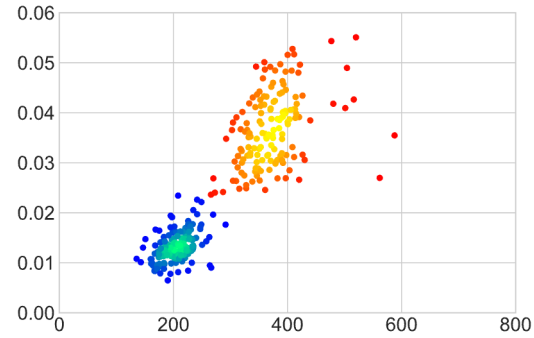
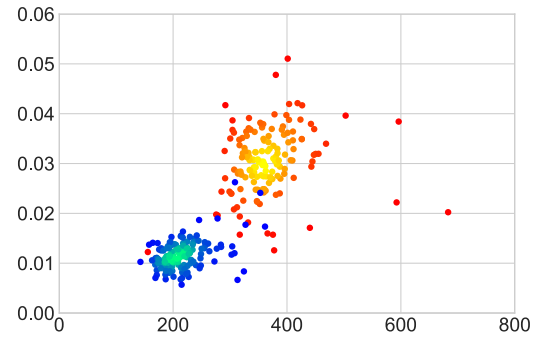
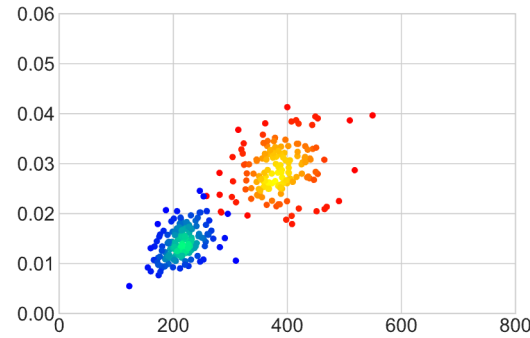
n_{cell}



B

DM [ng]

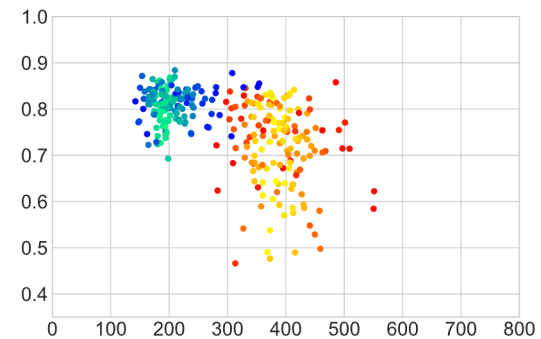
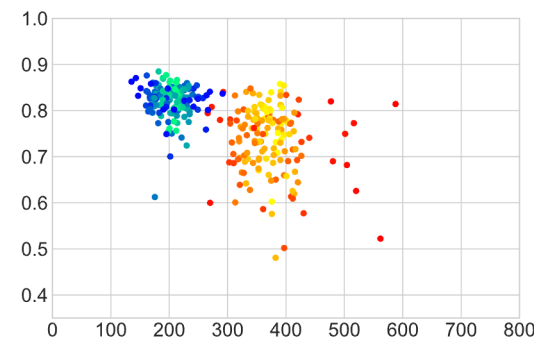
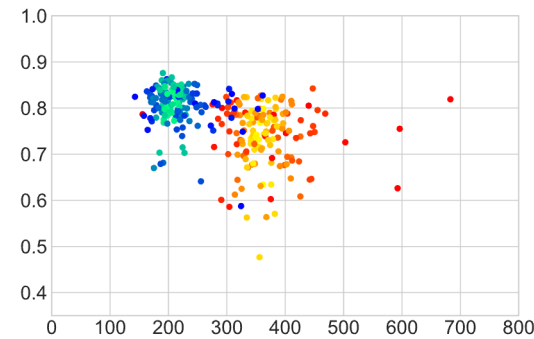
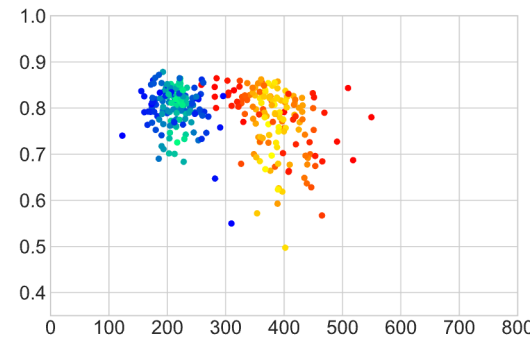
R [μm]



C

FF

V [μm³]



V [μm³]

density

Lymphocytes

density

Monocytes

Pat. 3

PreOP

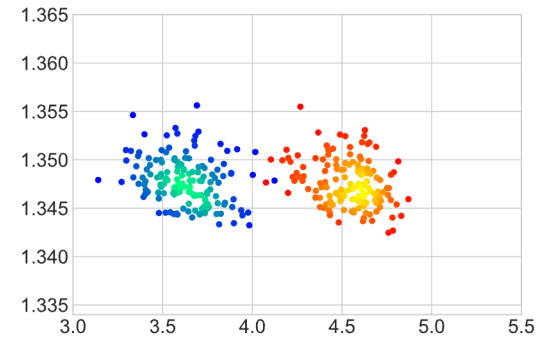
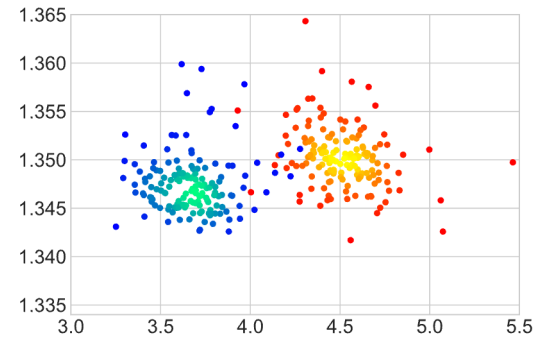
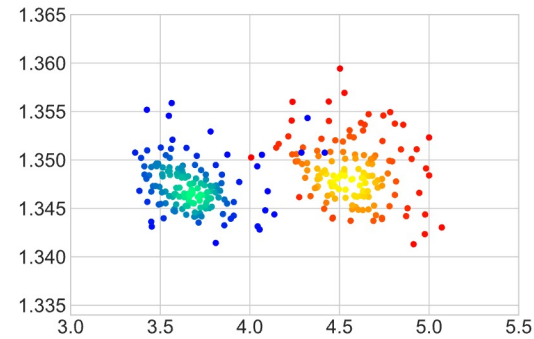
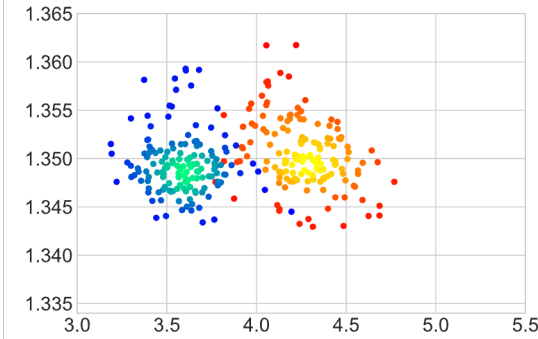
Day 1

Day 3

Day 6

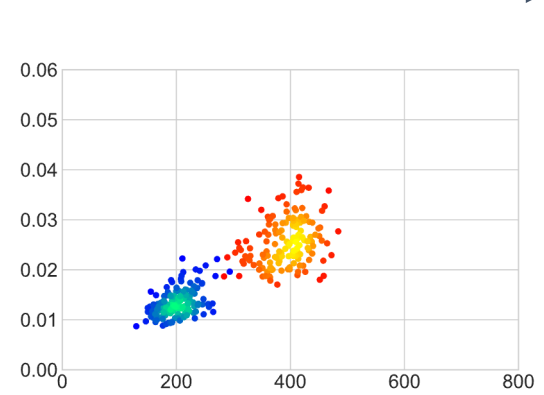
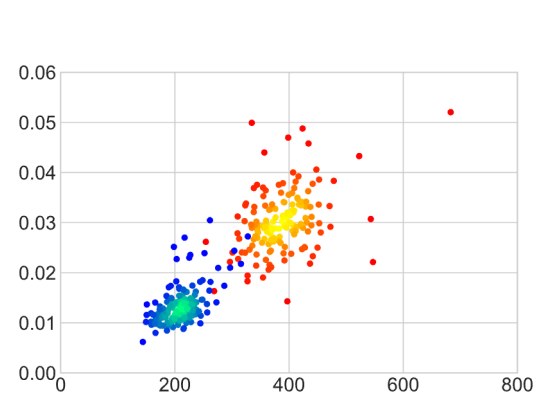
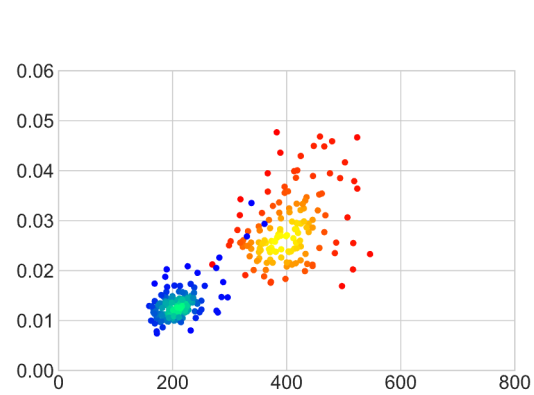
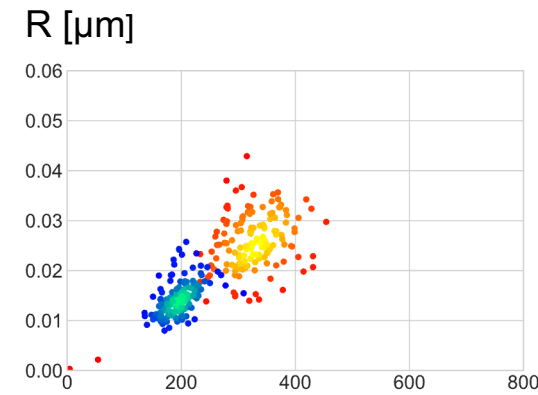
A

n_{cell}



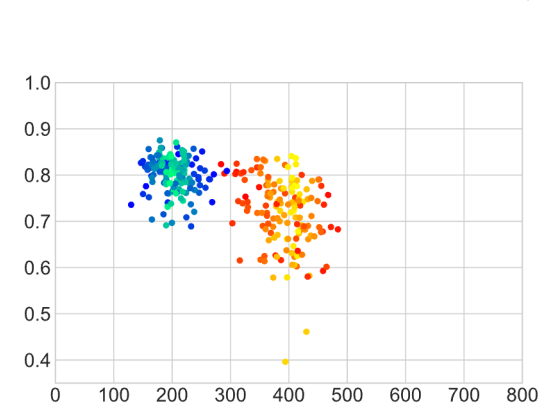
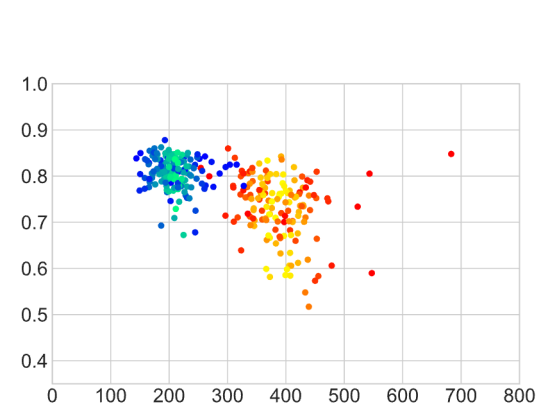
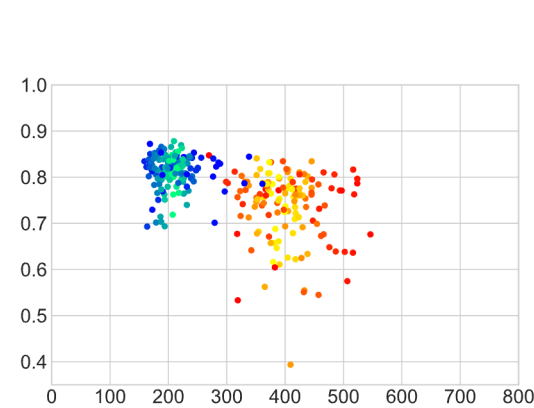
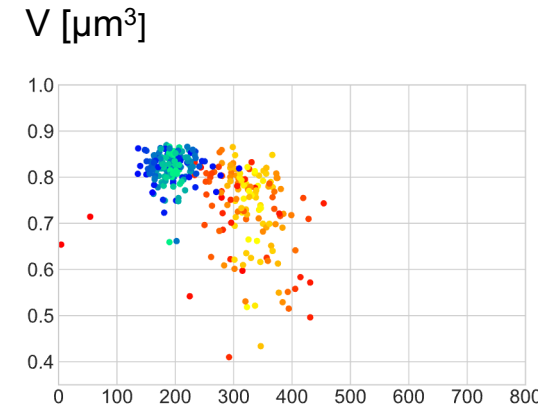
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 4

PreOP

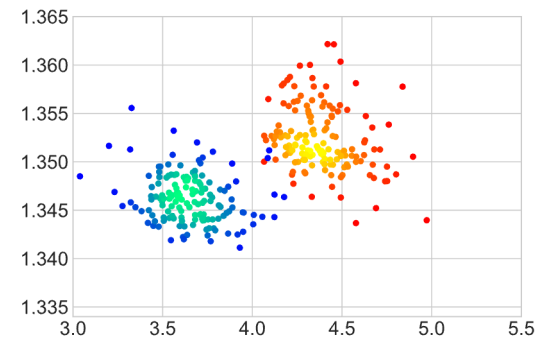
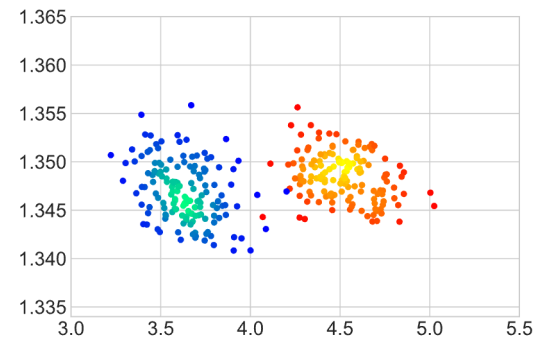
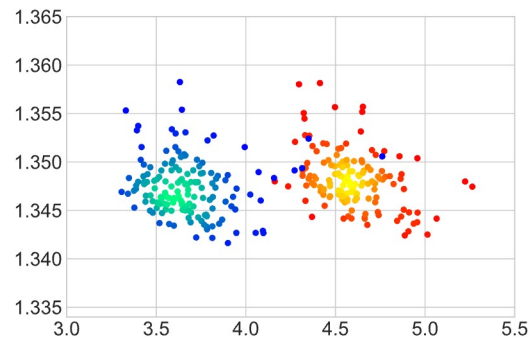
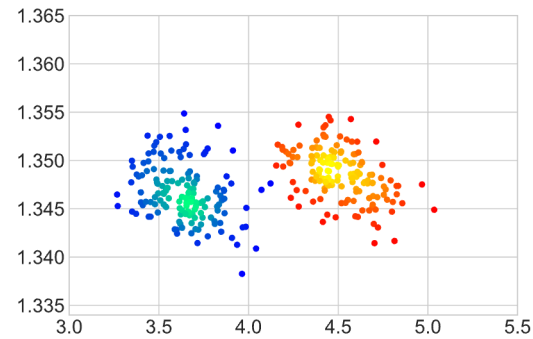
Day 1

Day 3

Day 6

A

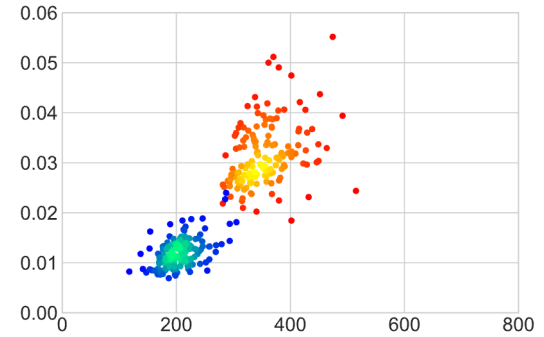
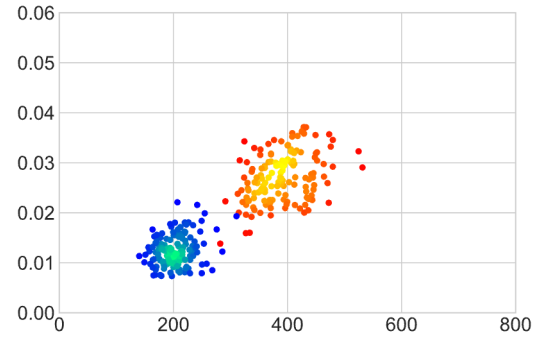
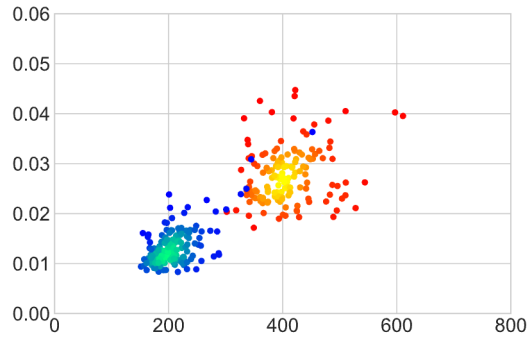
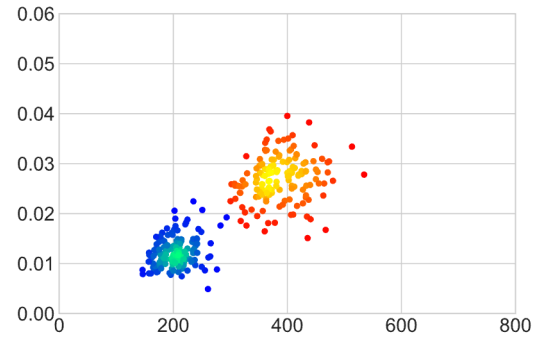
n_{cell}



B

DM [ng]

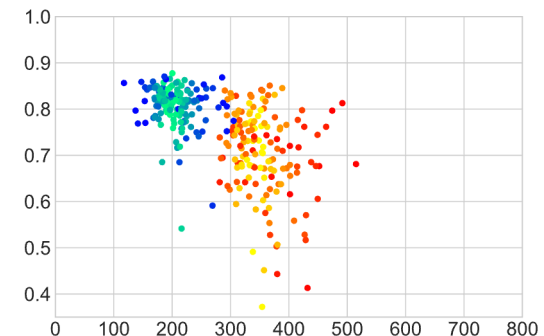
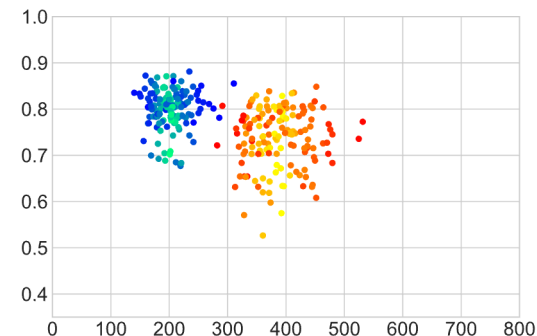
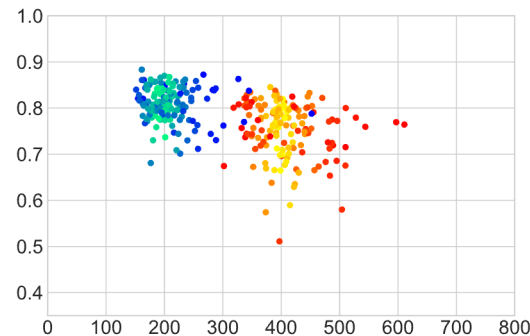
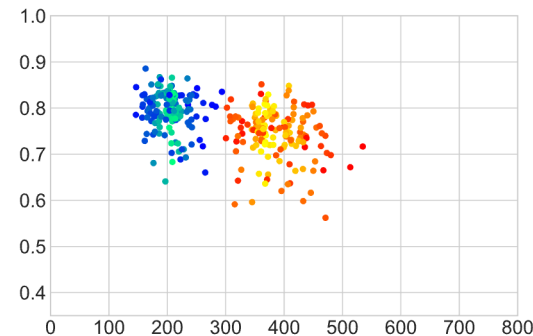
$R [\mu\text{m}]$



C

FF

$V [\mu\text{m}^3]$



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

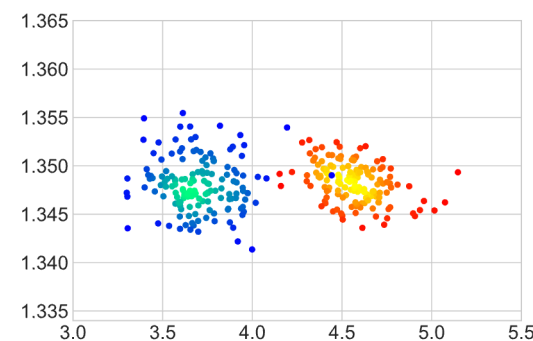
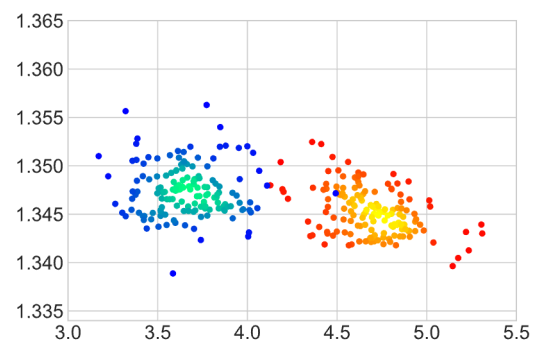
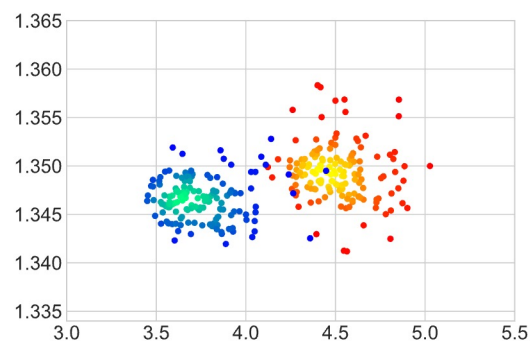
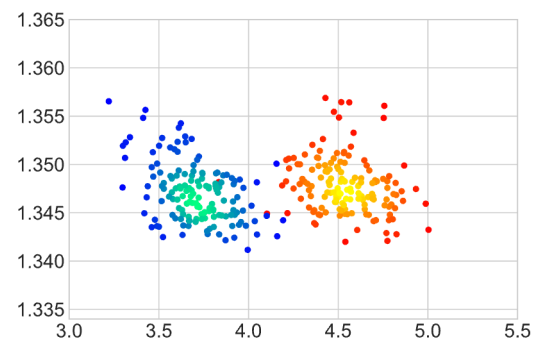
Pat. 5

PreOP

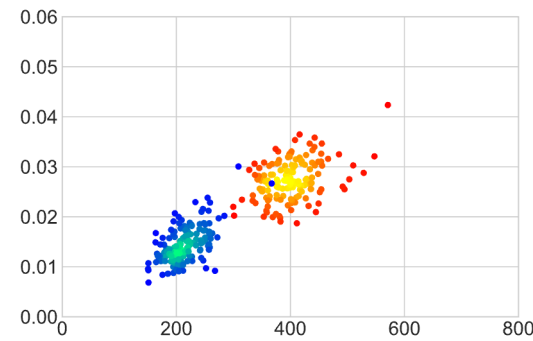
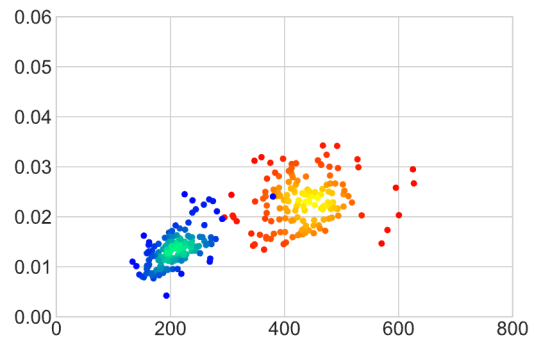
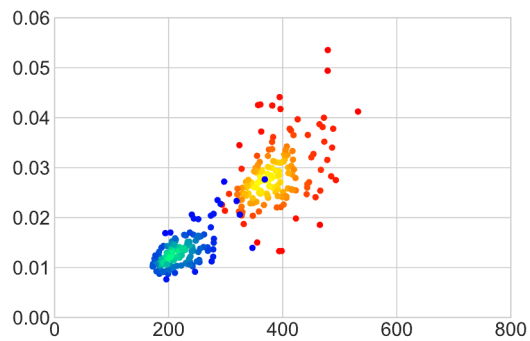
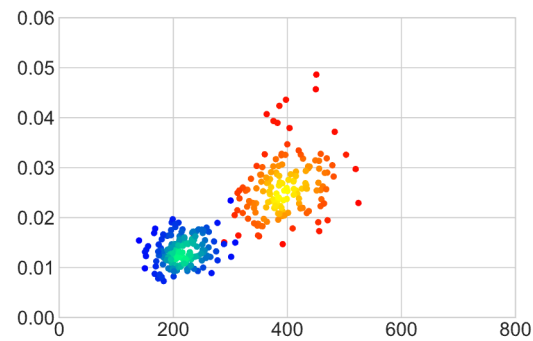
Day 1

Day 3

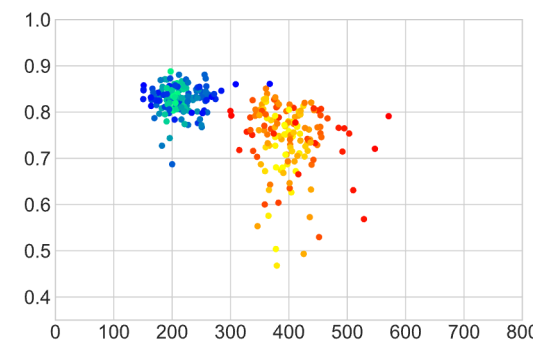
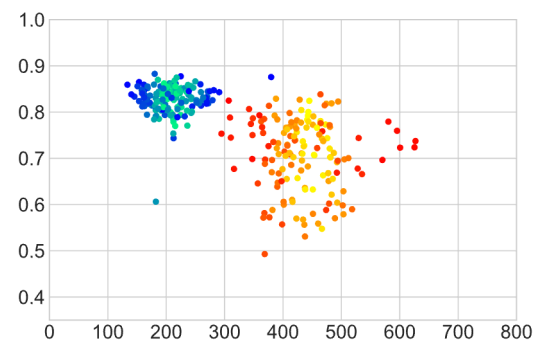
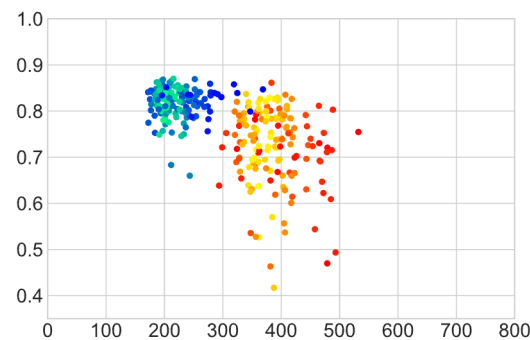
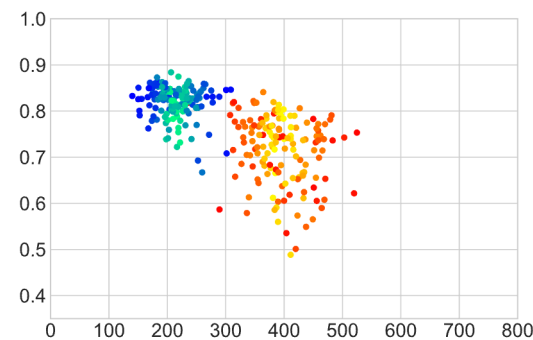
Day 6

A n_{cell} **B**

DM [ng]

 $R [\mu\text{m}]$ **C**

FF

 $V [\mu\text{m}^3]$  $V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 6

PreOP

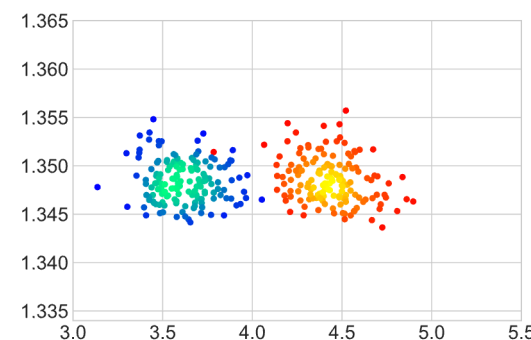
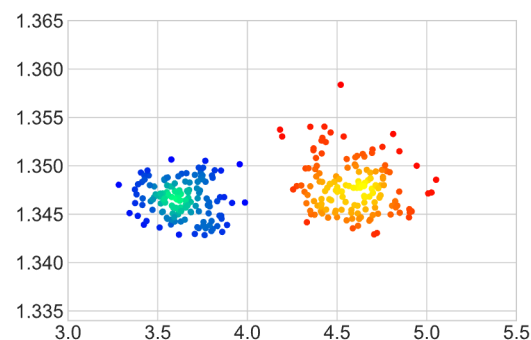
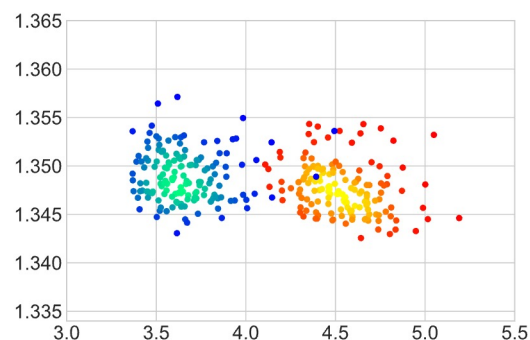
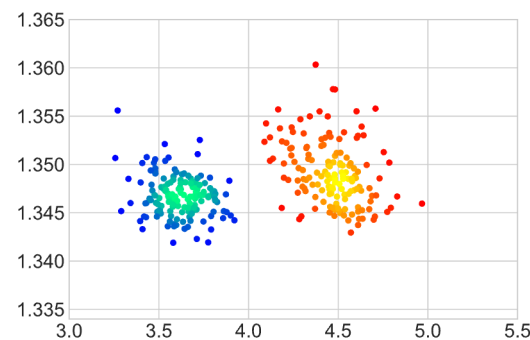
Day 1

Day 3

Day 6

A

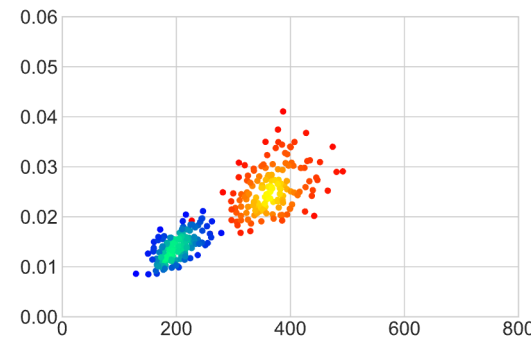
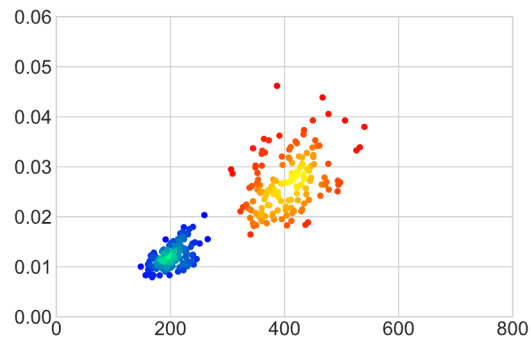
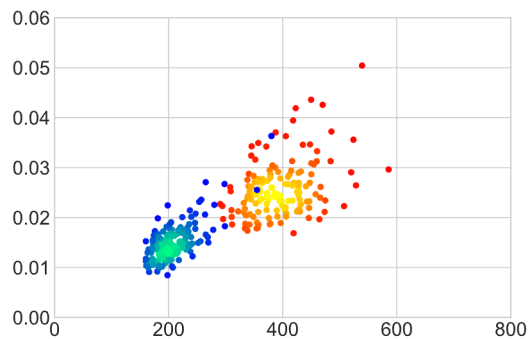
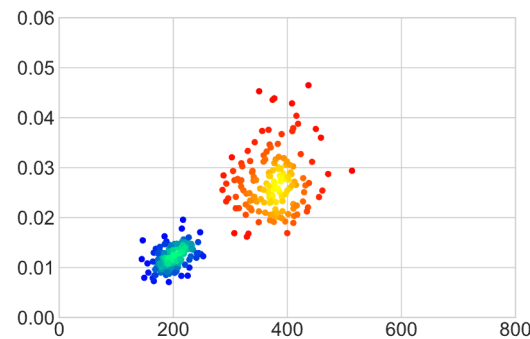
n_{cell}



B

DM [ng]

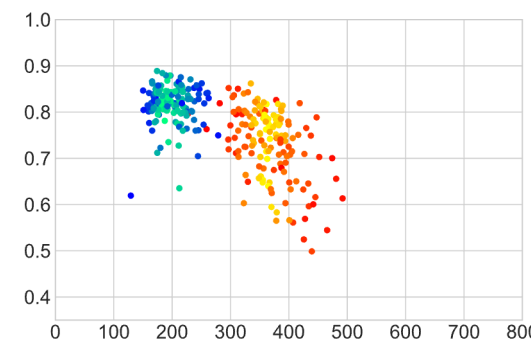
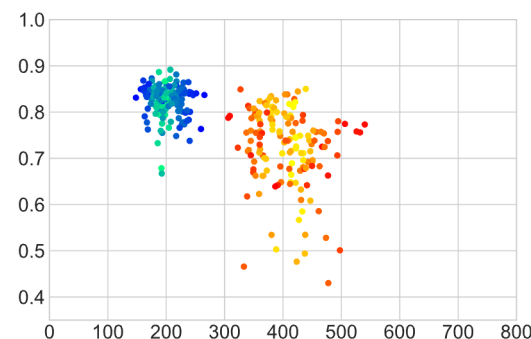
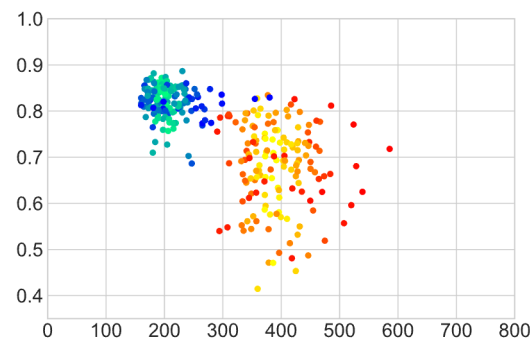
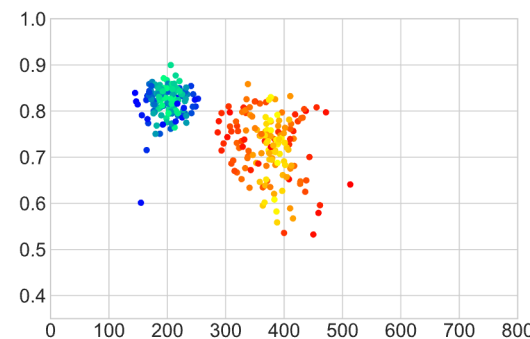
R [μm]



C

FF

V [μm³]



V [μm³]

density

Lymphocytes

density

Monocytes

Pat. 7

PreOP

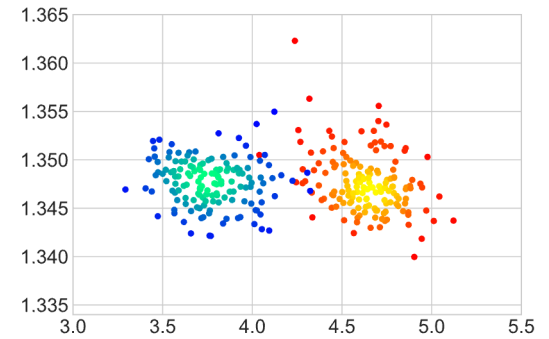
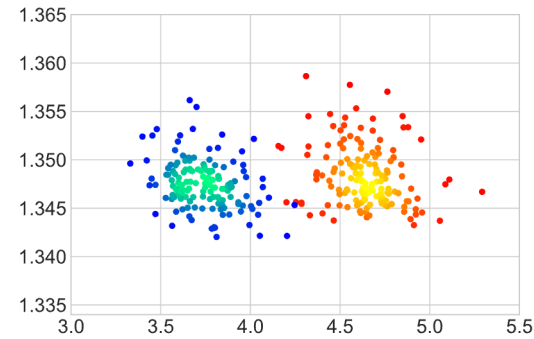
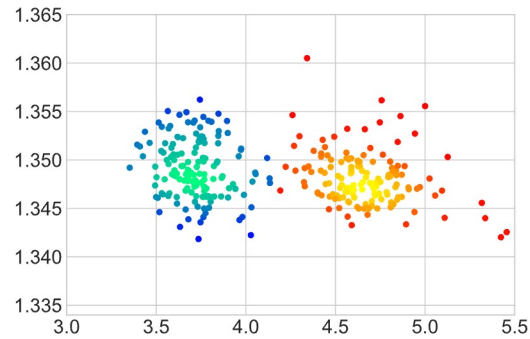
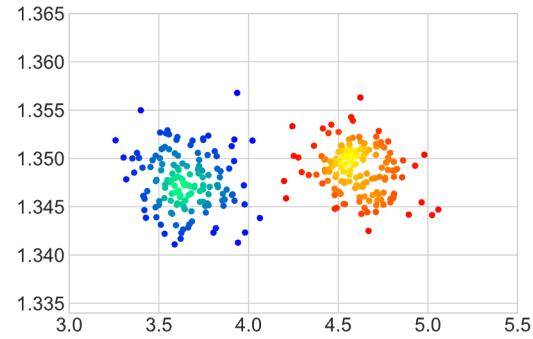
Day 1

Day 3

Day 6

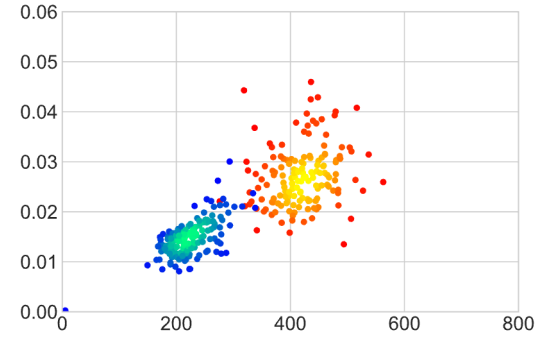
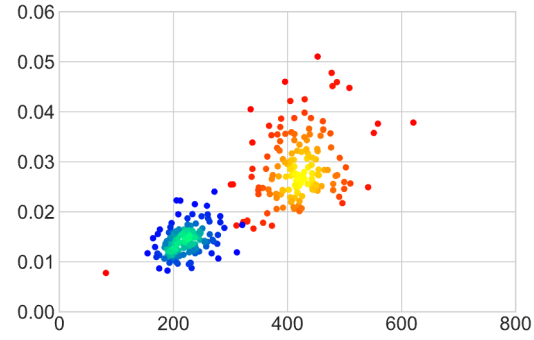
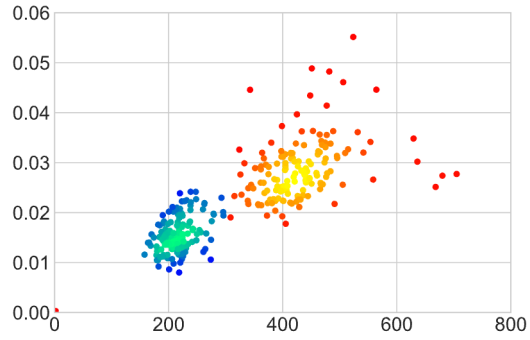
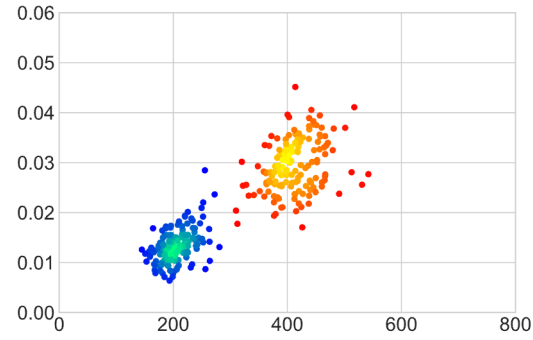
A

n_{cell}



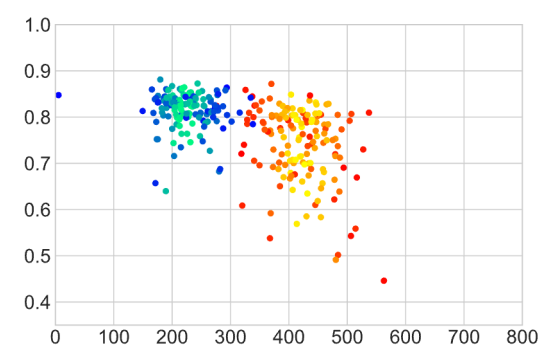
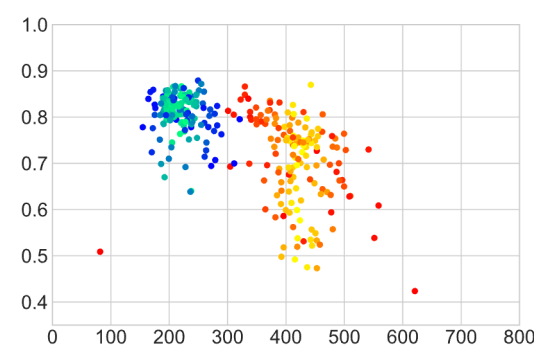
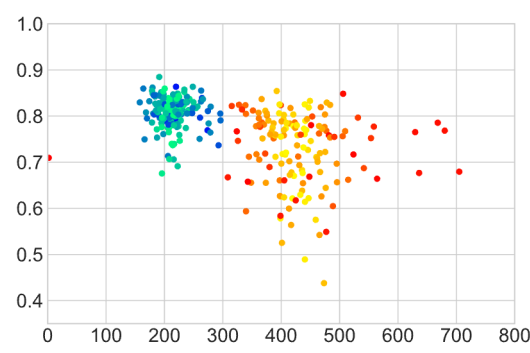
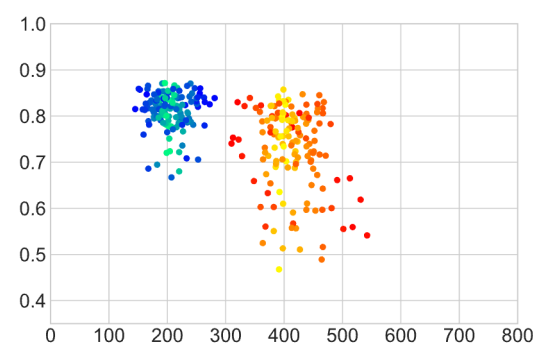
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 8

PreOP

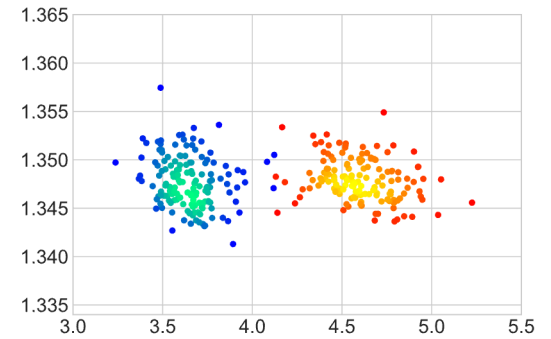
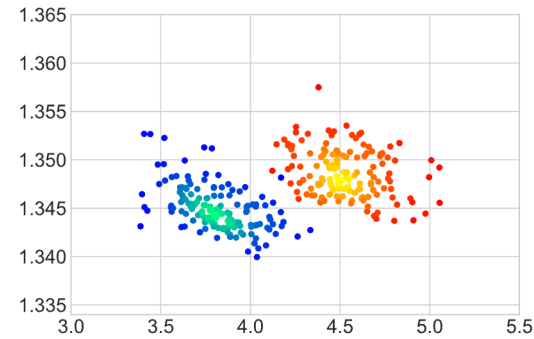
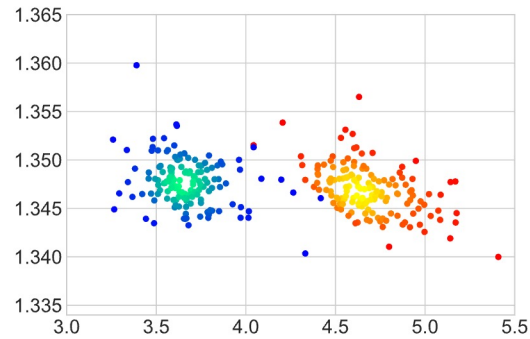
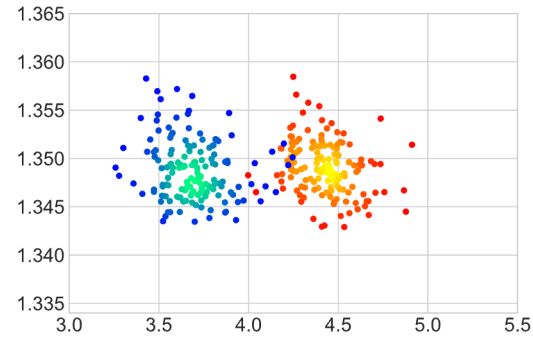
Day 1

Day 3

Day 6

A

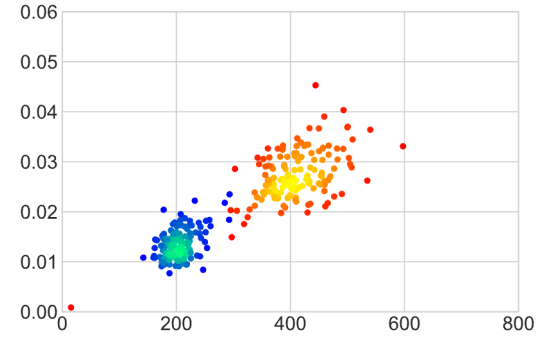
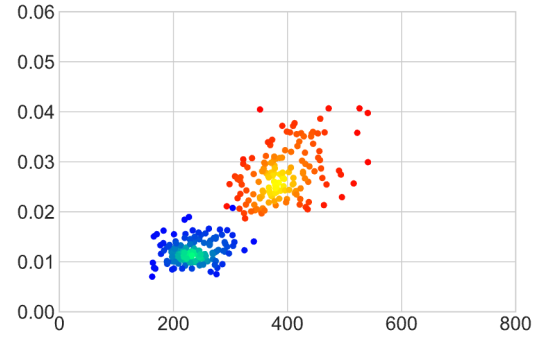
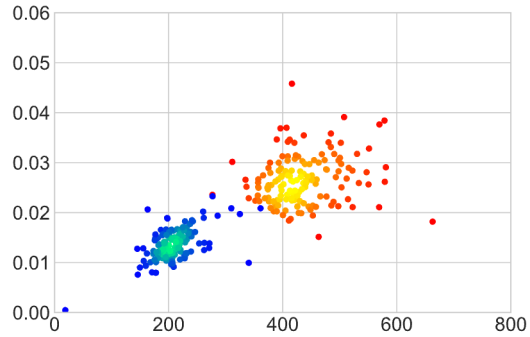
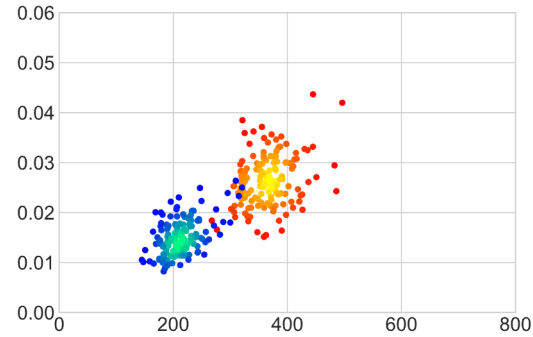
n_{cell}



B

DM [ng]

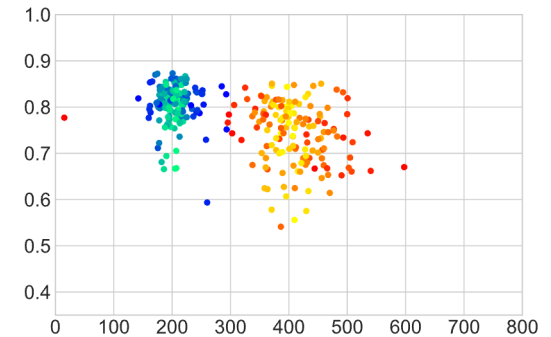
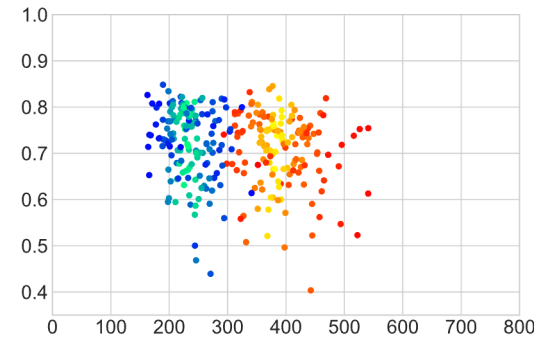
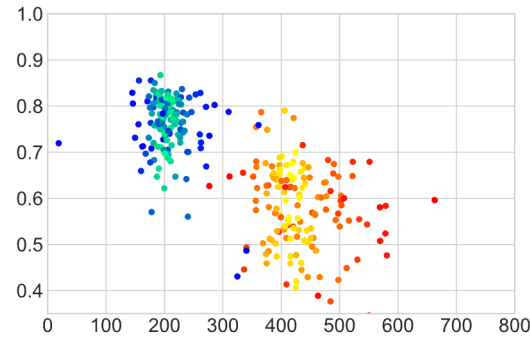
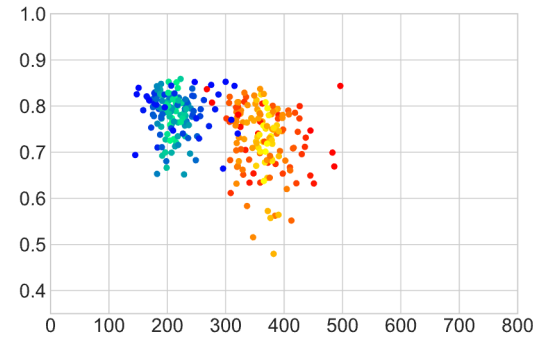
R [μm]



C

FF

V [μm³]



V [μm³]

density

Lymphocytes

density

Monocytes

Pat. 9

PreOP

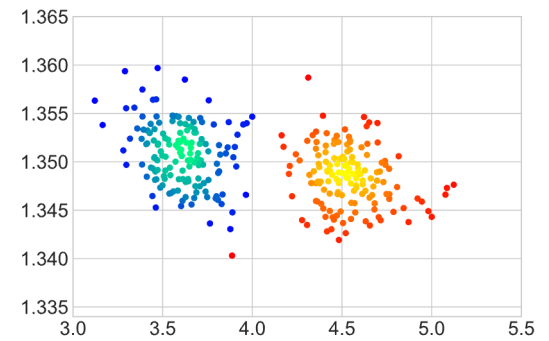
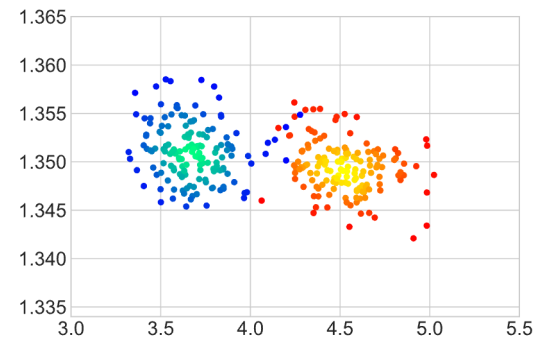
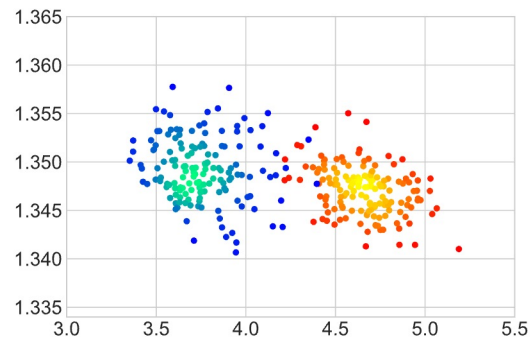
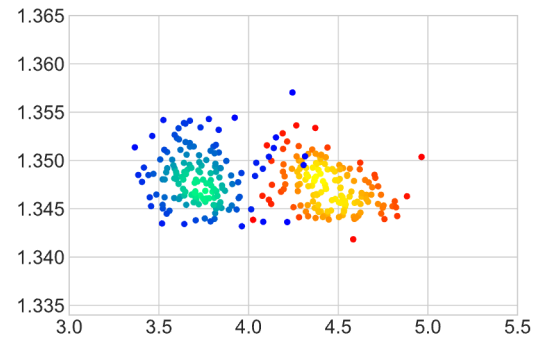
Day 1

Day 3

Day 6

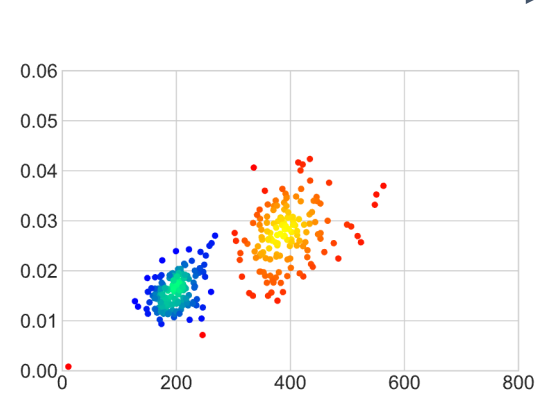
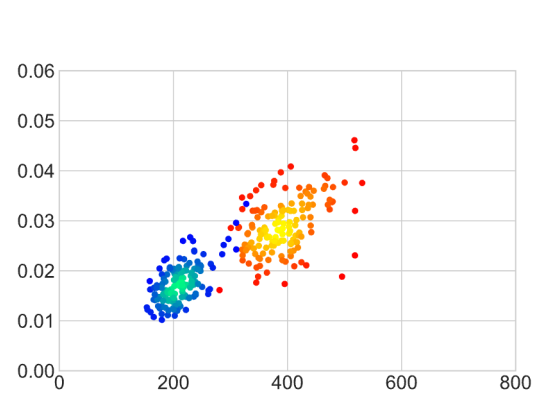
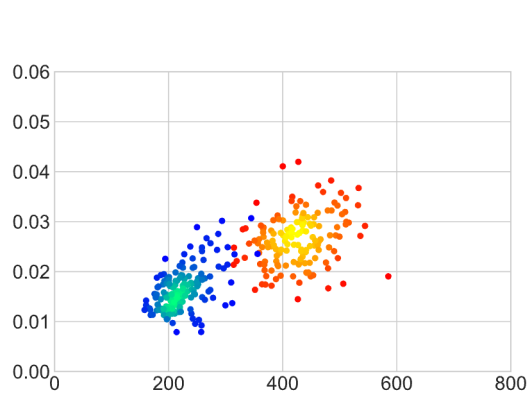
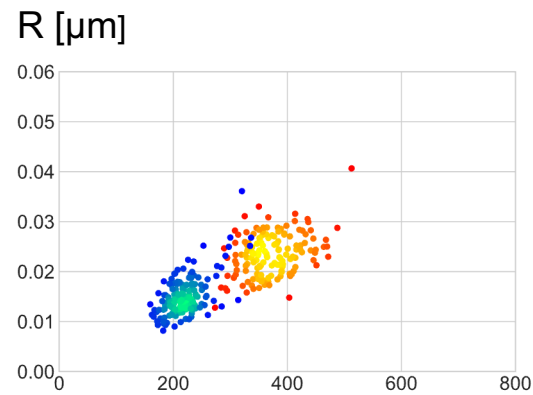
A

n_{cell}



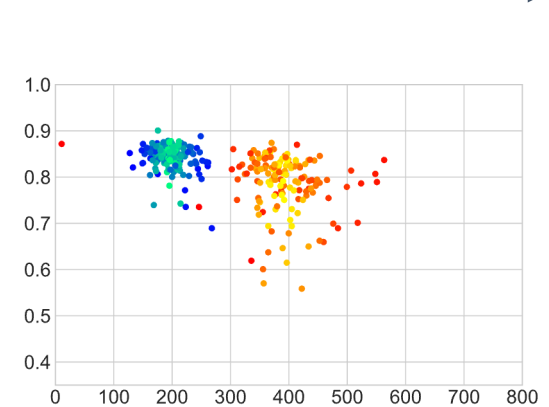
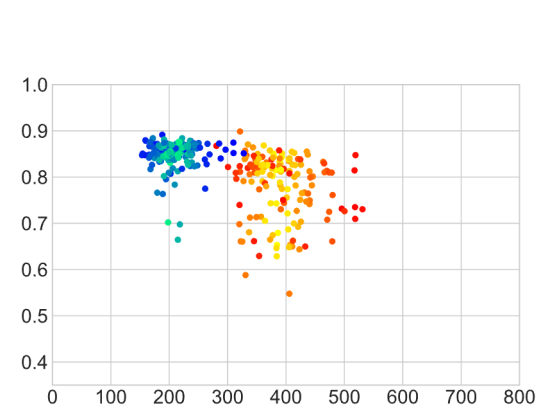
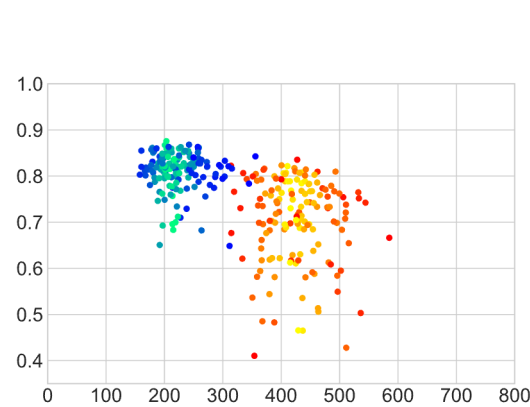
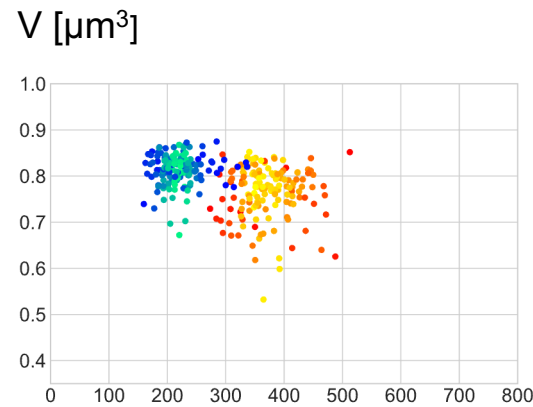
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 10

PreOP

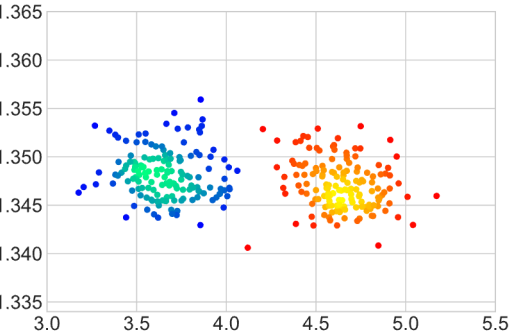
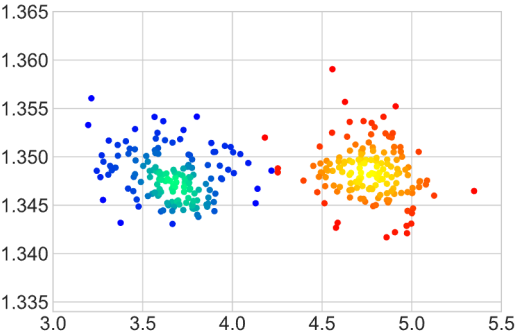
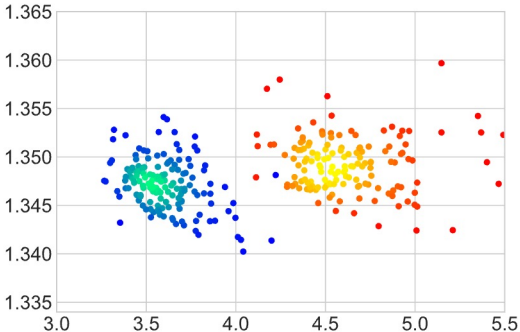
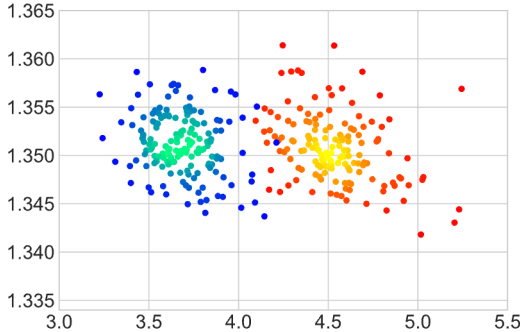
Day 1

Day 3

Day 6

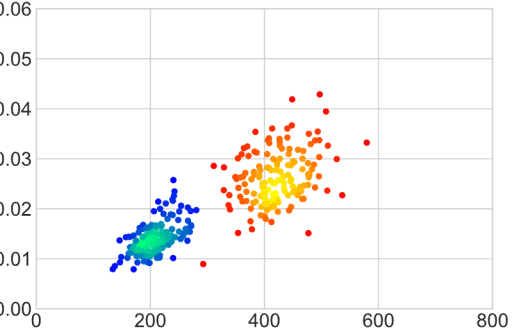
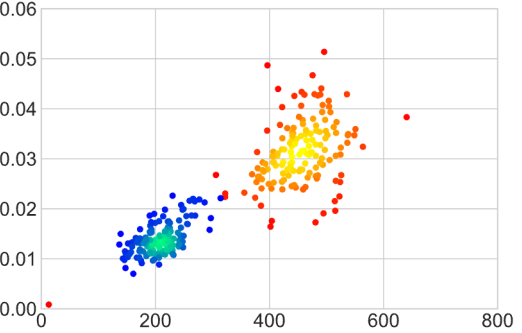
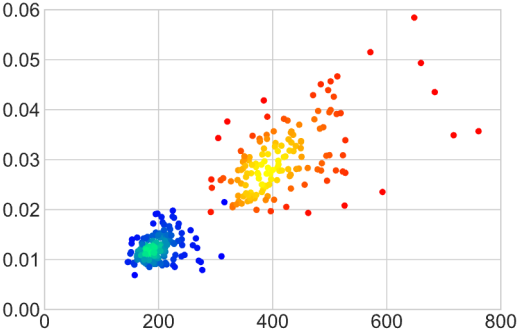
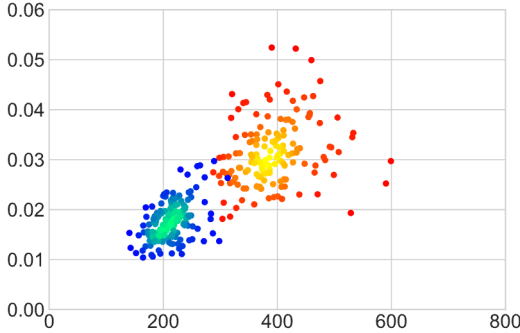
A

n_{cell}



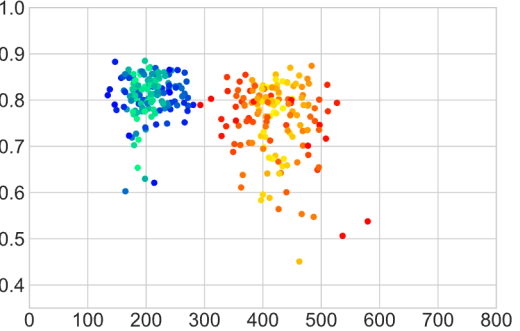
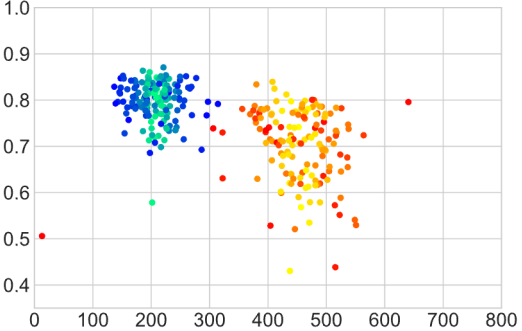
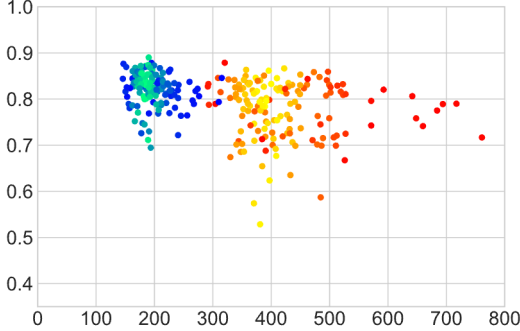
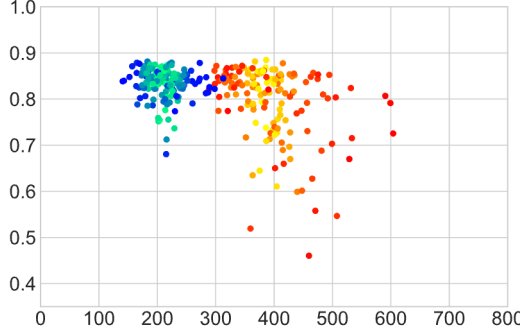
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 11

PreOP

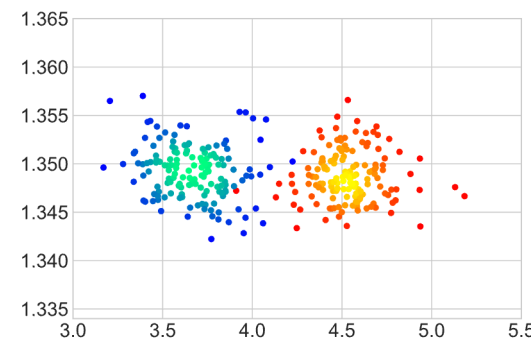
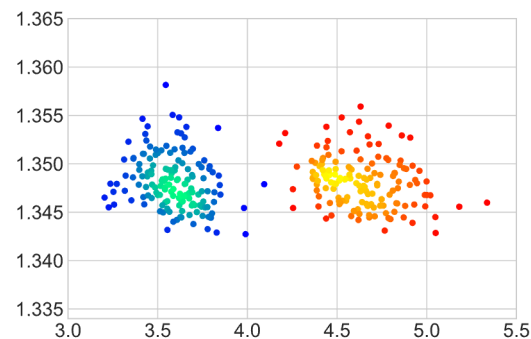
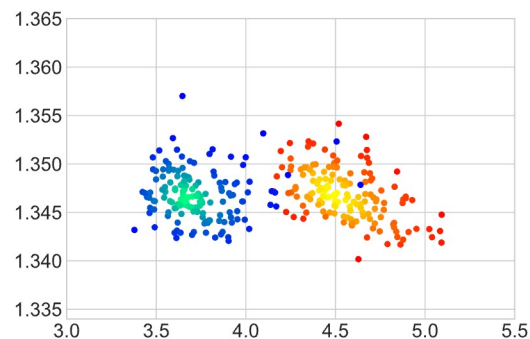
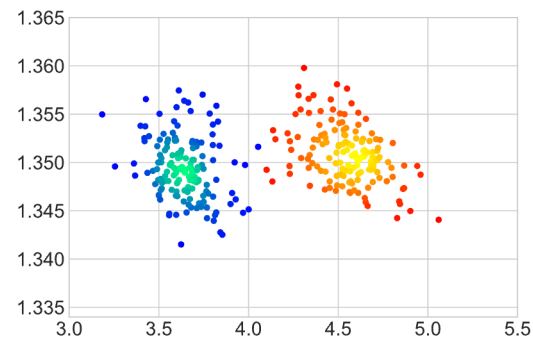
Day 1

Day 3

Day 6

A

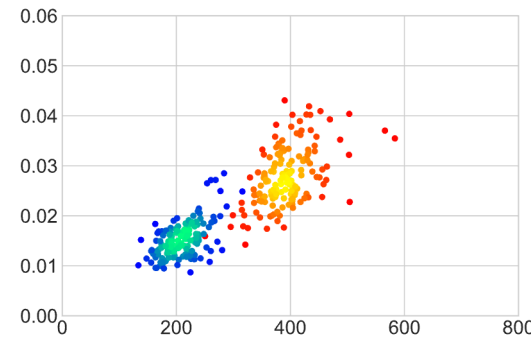
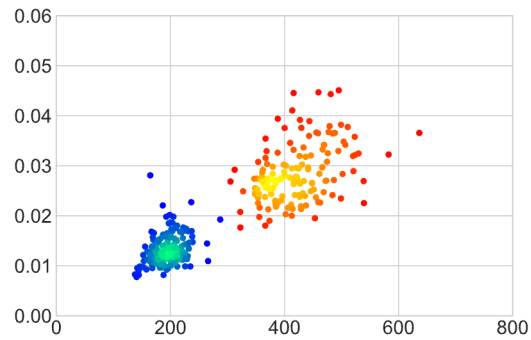
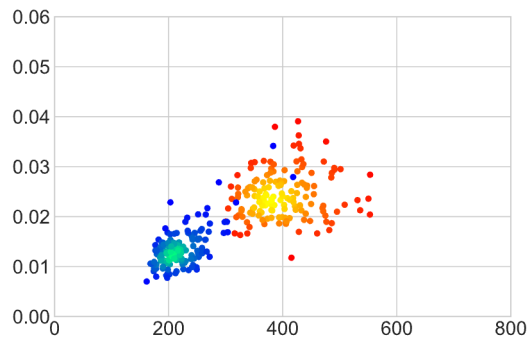
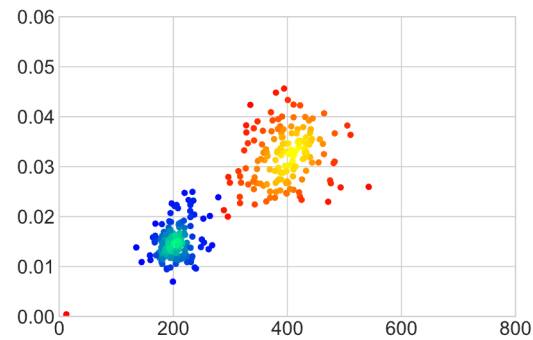
n_{cell}



B

DM [ng]

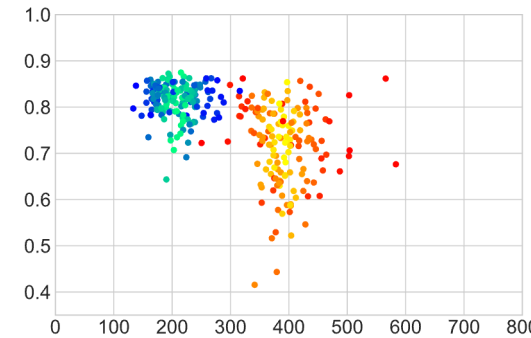
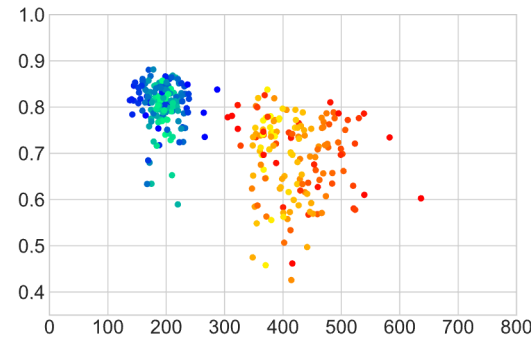
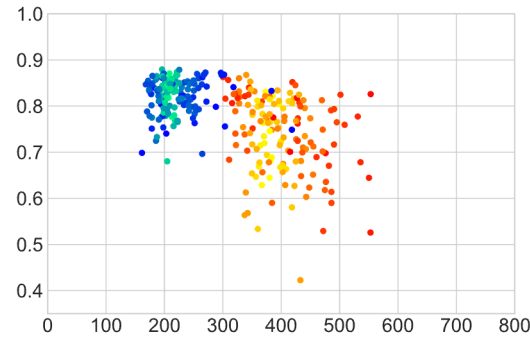
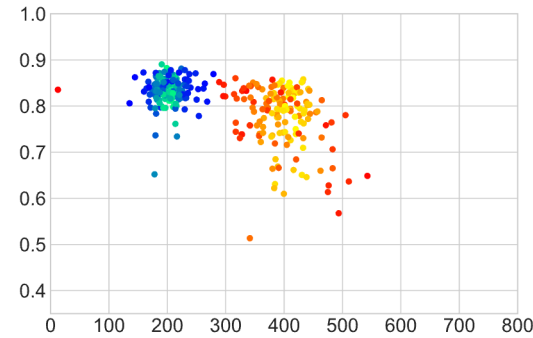
$R [\mu\text{m}]$



C

FF

$V [\mu\text{m}^3]$



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 12

PreOP

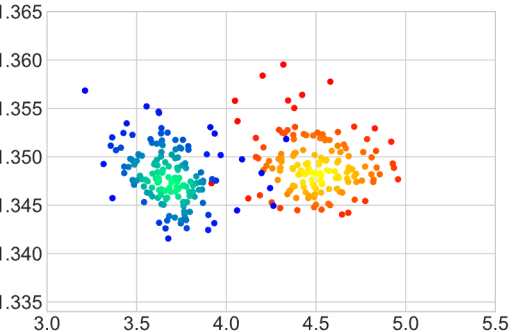
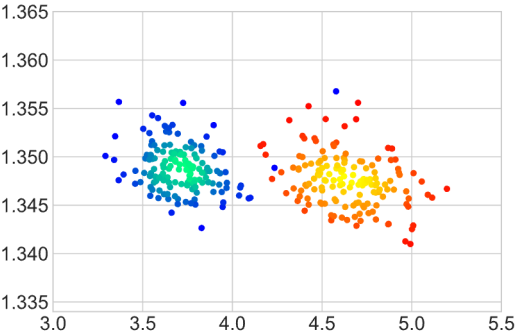
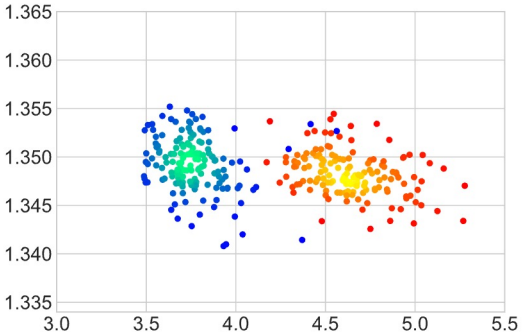
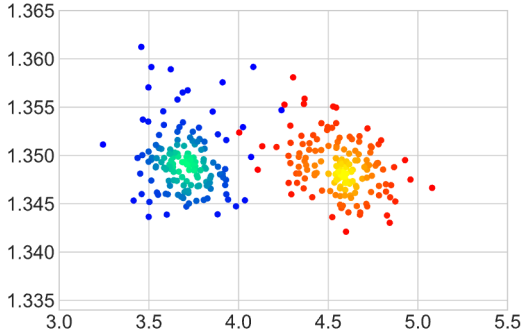
Day 1

Day 3

Day 6

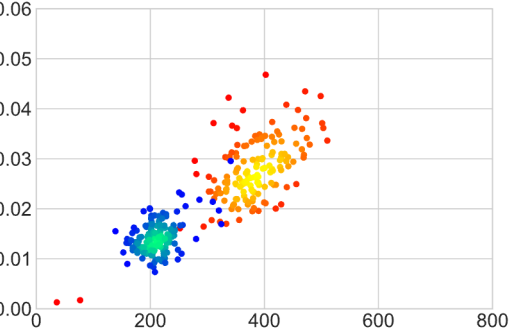
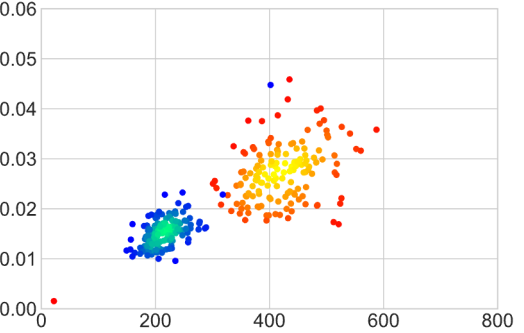
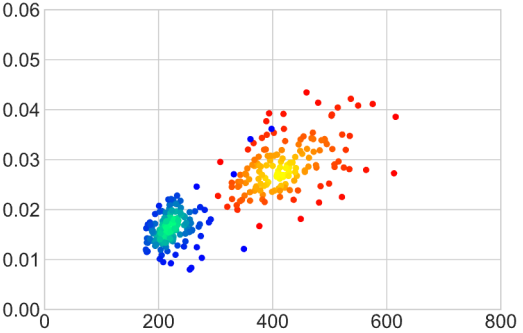
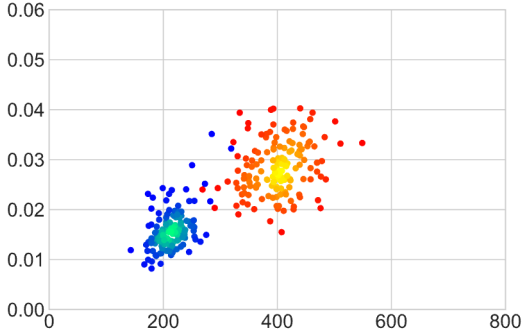
A

n_{cell}



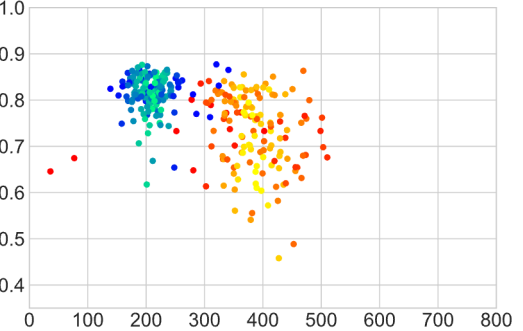
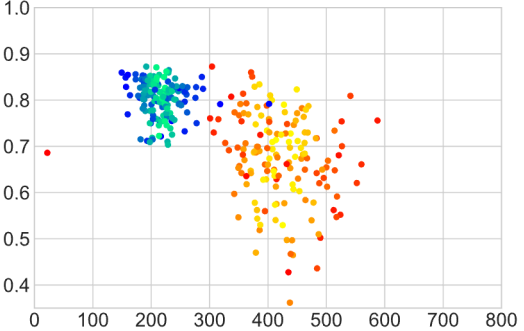
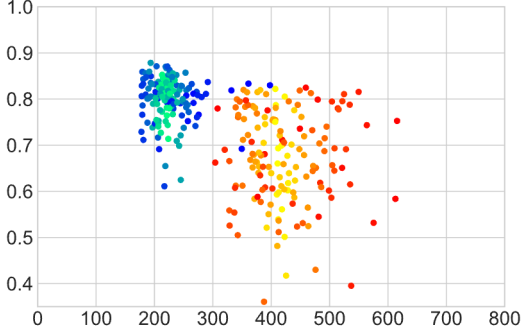
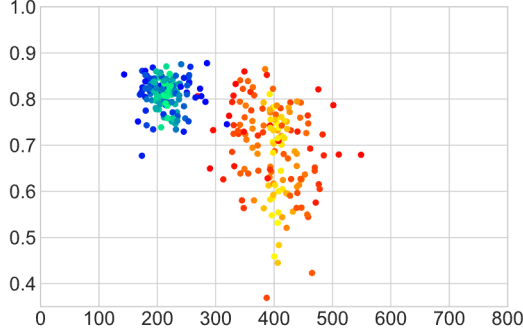
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$



Lymphocytes



Monocytes

Pat. 13

PreOP

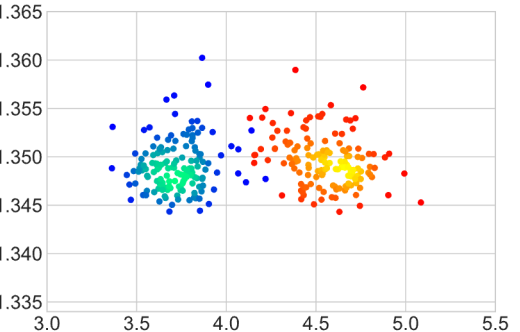
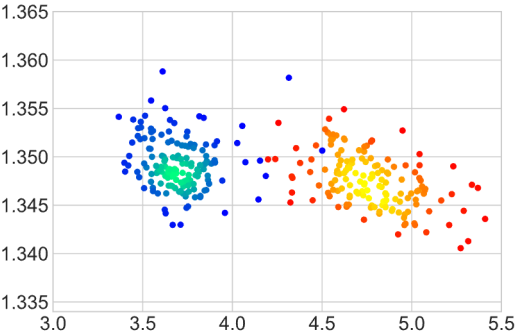
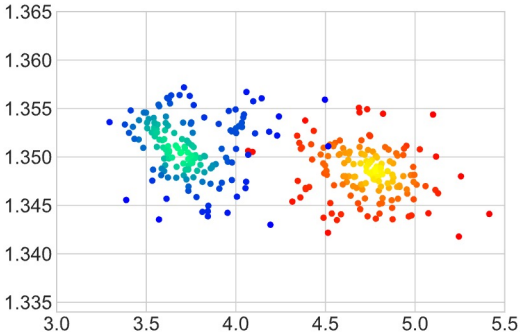
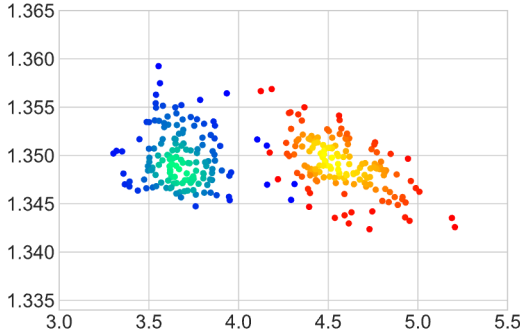
Day 1

Day 3

Day 6

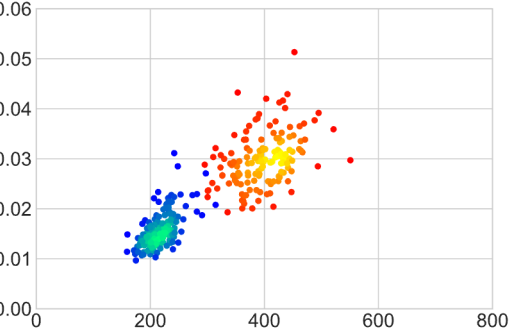
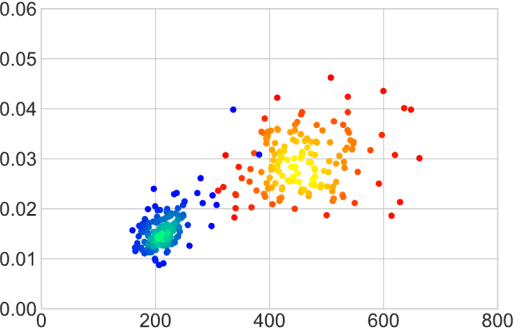
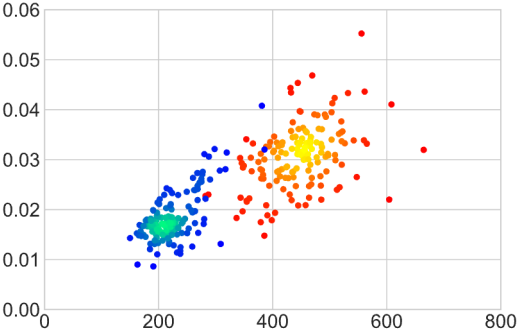
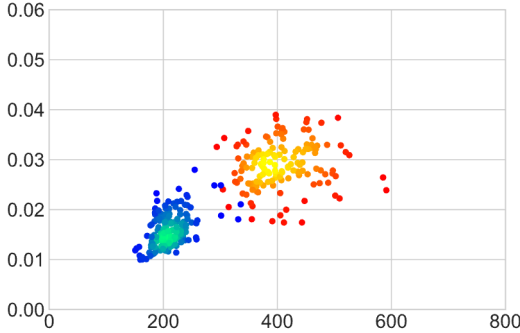
A

n_{cell}



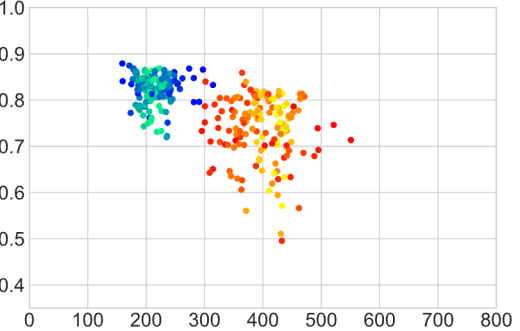
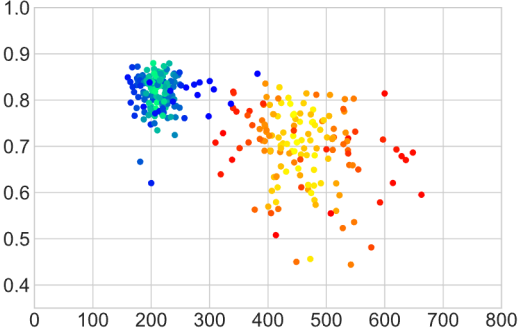
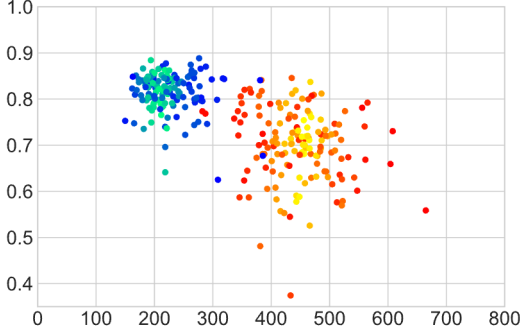
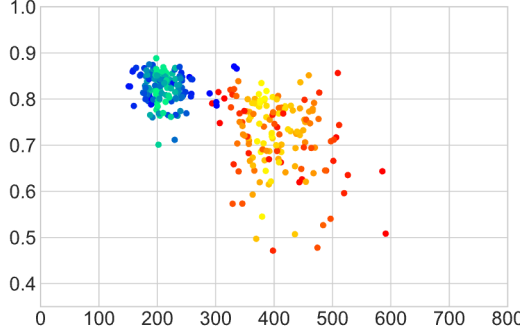
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$



Lymphocytes



Monocytes

Pat. 14

PreOP

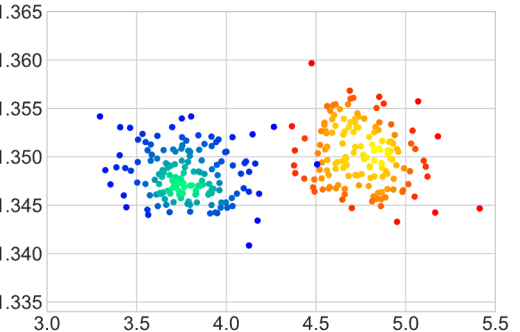
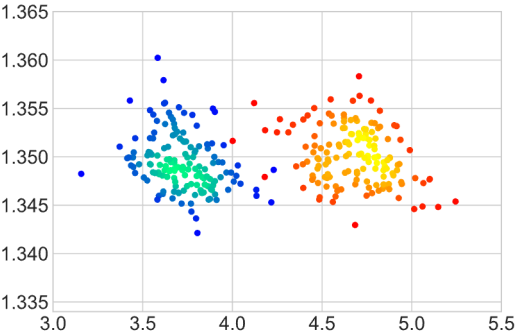
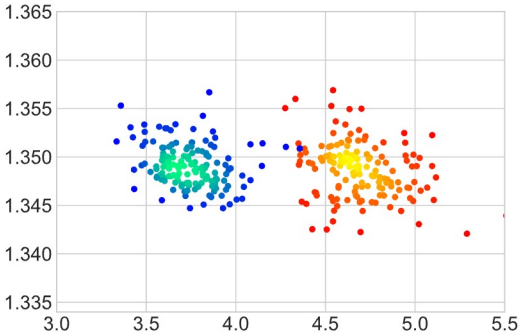
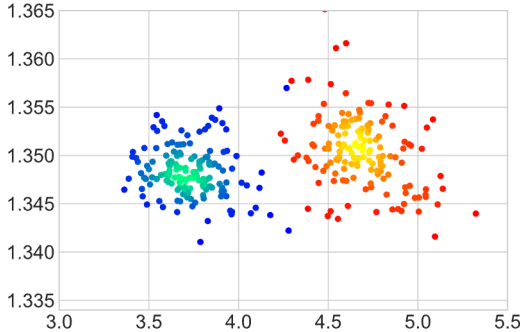
Day 1

Day 3

Day 6

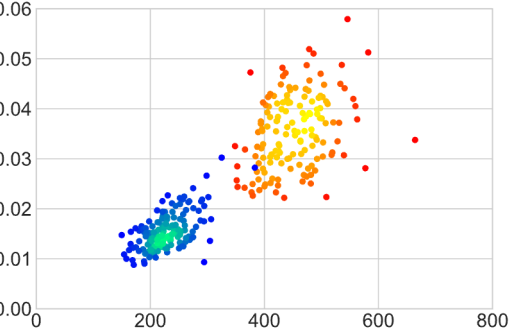
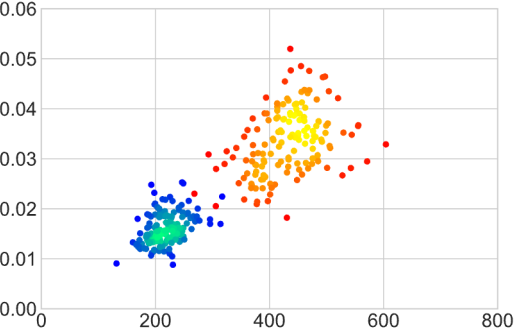
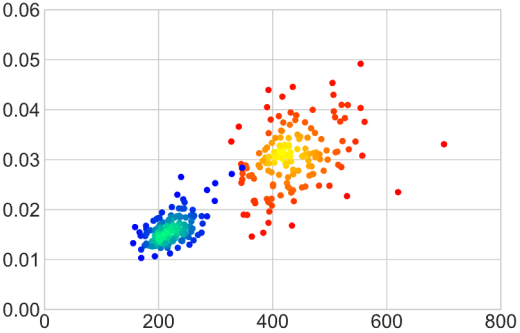
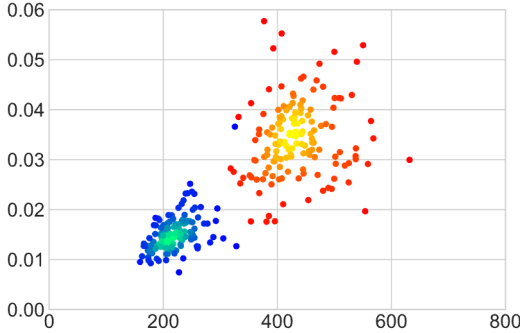
A

n_{cell}



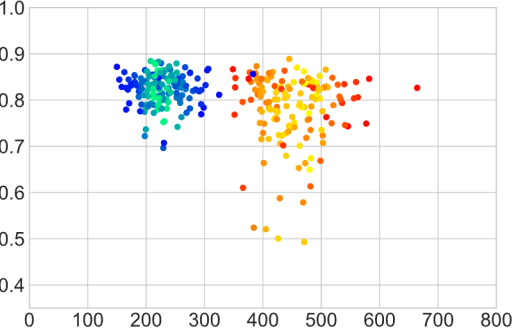
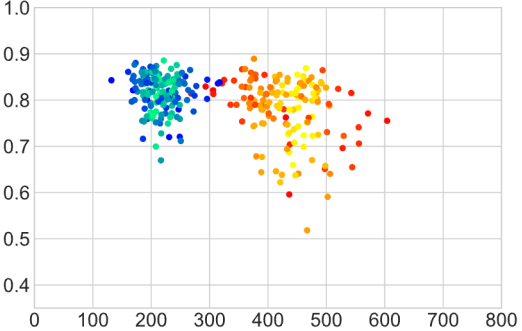
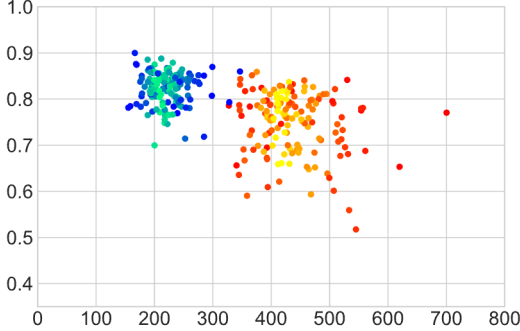
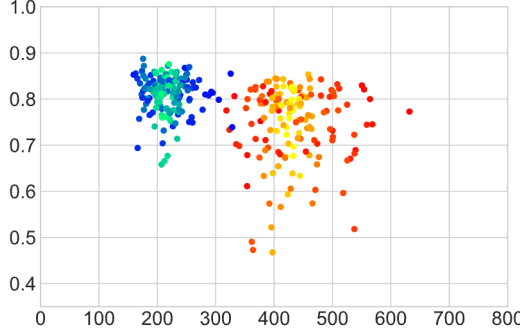
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$



Lymphocytes



Monocytes

Pat. 15

PreOP

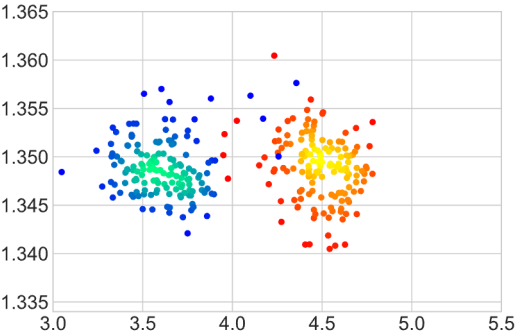
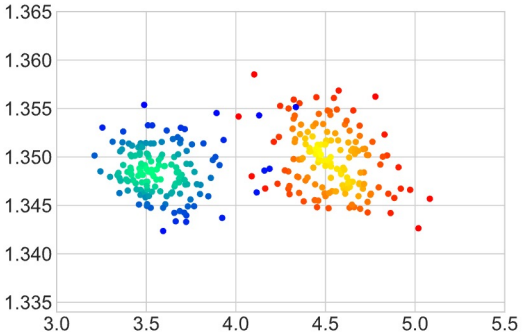
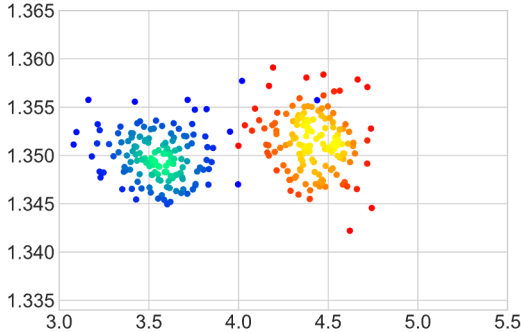
Day 1

Day 3

Day 6

A

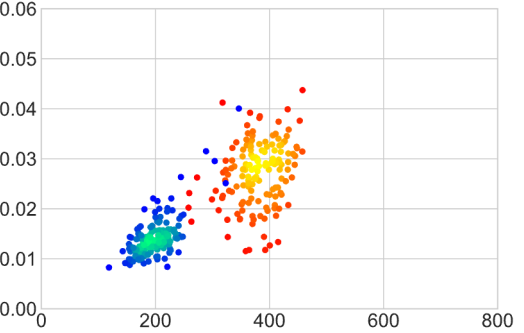
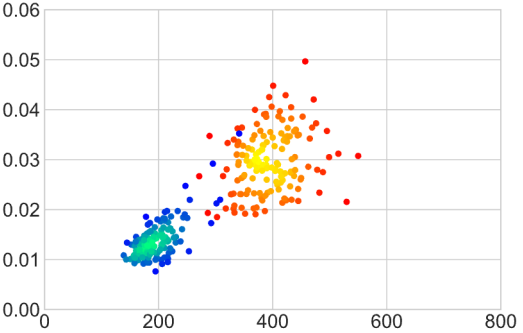
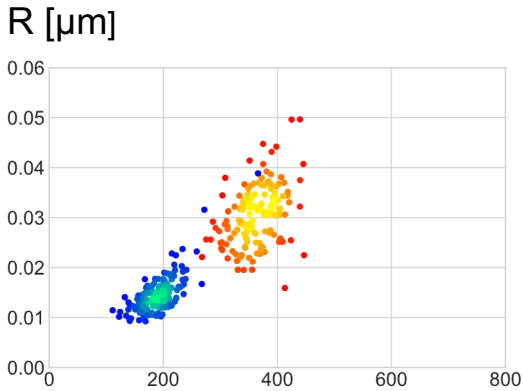
n_{cell}



No measurement on the sixth day post-surgery due to early discharge from hospital (non-complicative course)

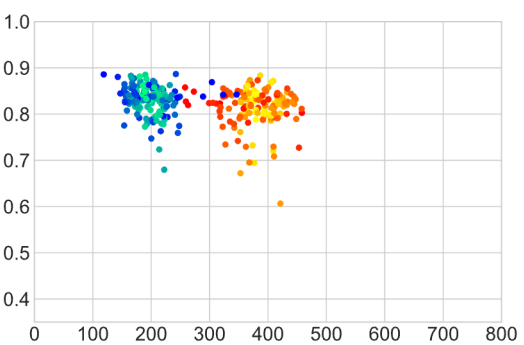
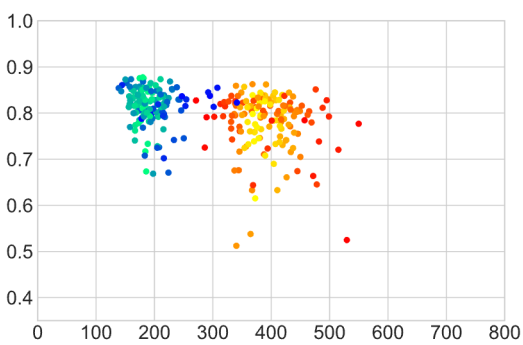
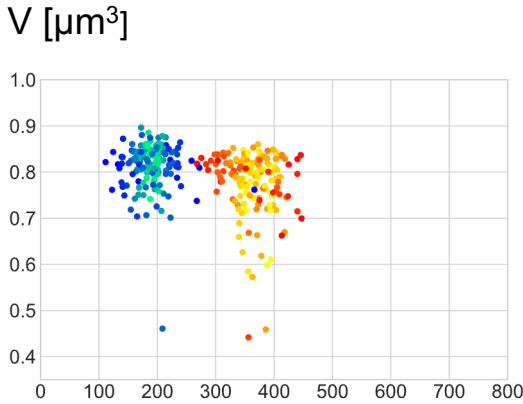
B

DM [ng]



C

FF



V [μm³]

density

Lymphocytes

density

Monocytes

Pat. 16

PreOP

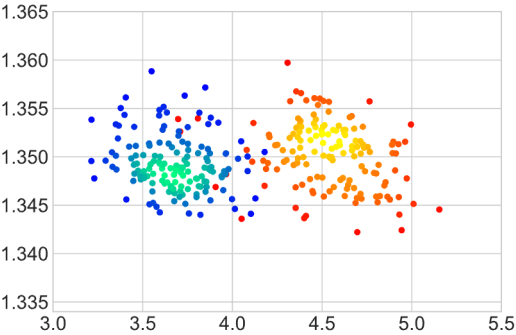
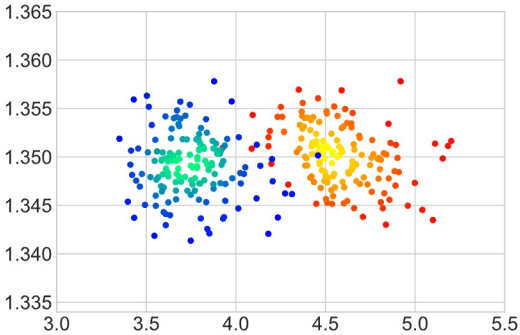
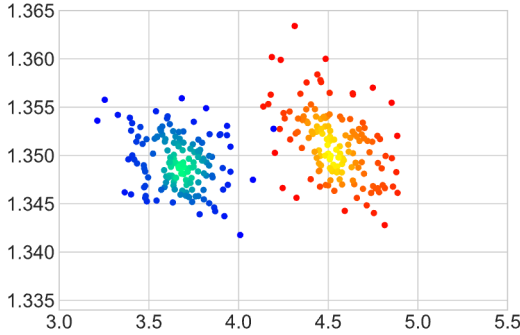
Day 1

Day 3

Day 6

A

n_{cell}

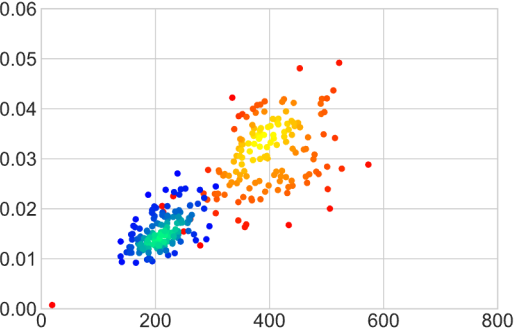
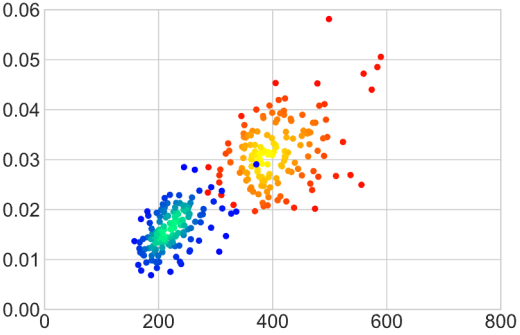
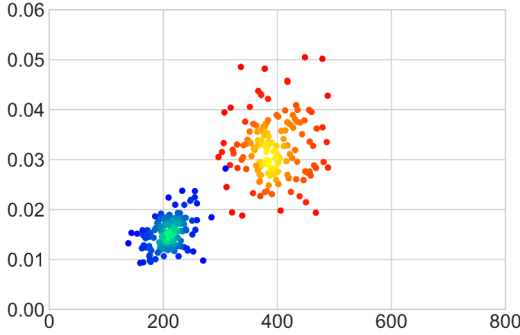


No measurement on the sixth day post-surgery due to early discharge from hospital (non-complicative course)

B

DM [ng]

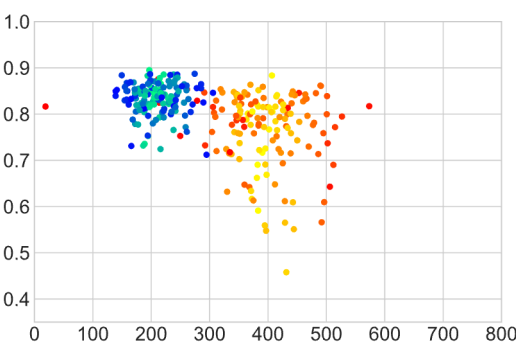
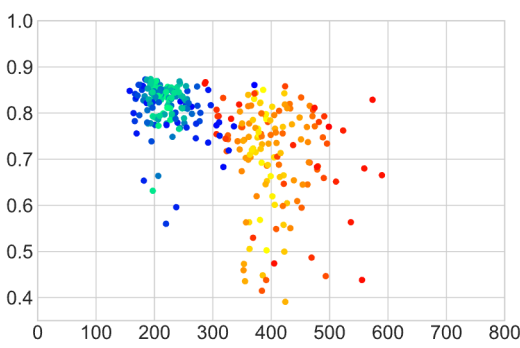
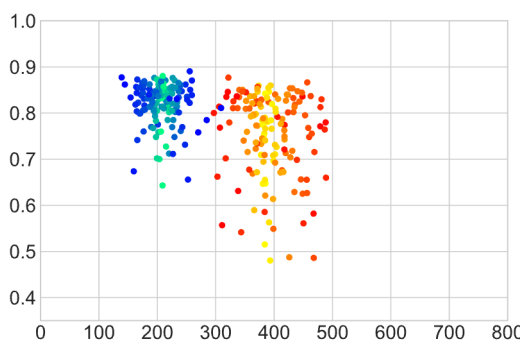
$R [\mu\text{m}]$



C

FF

$V [\mu\text{m}^3]$



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 17

PreOP

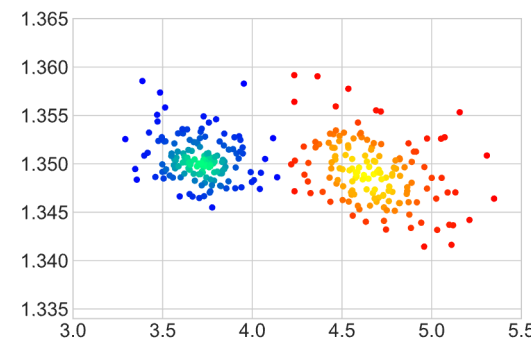
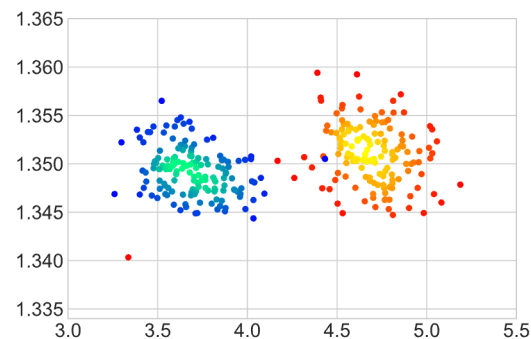
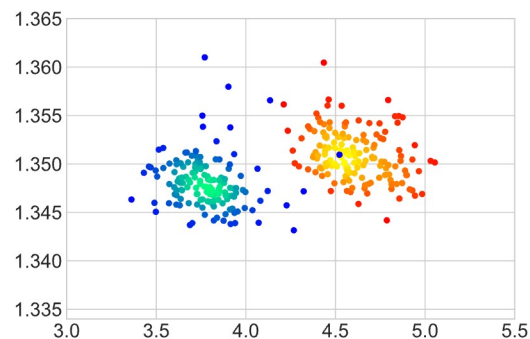
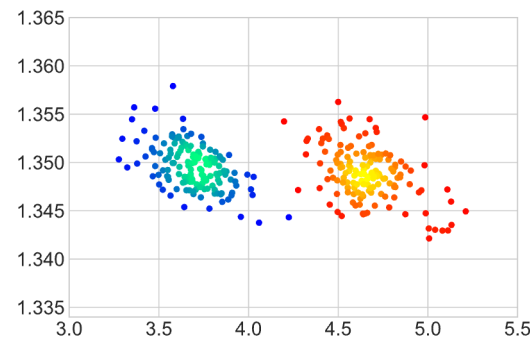
Day 1

Day 3

Day 6

A

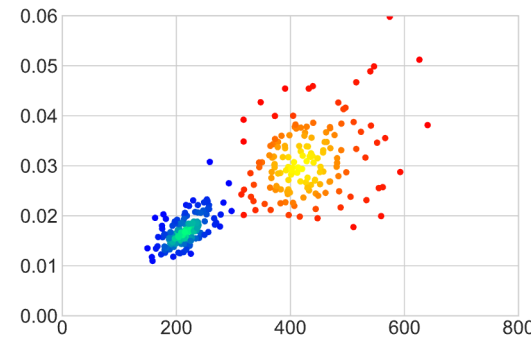
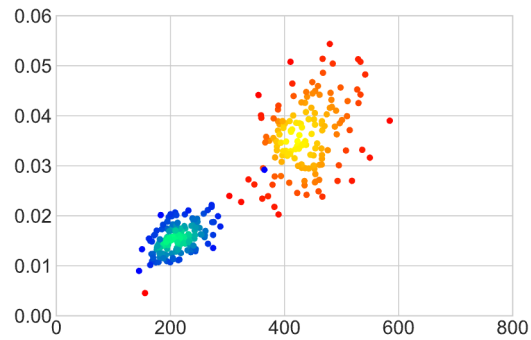
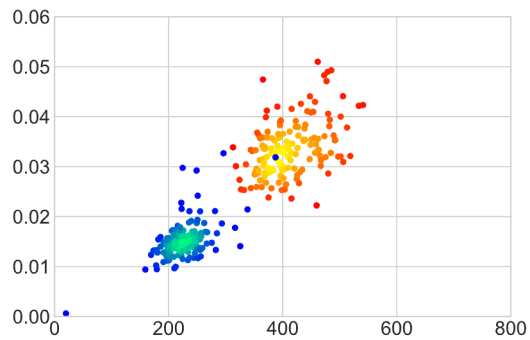
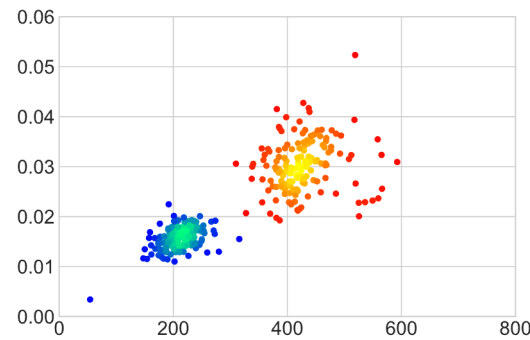
n_{cell}



B

DM [ng]

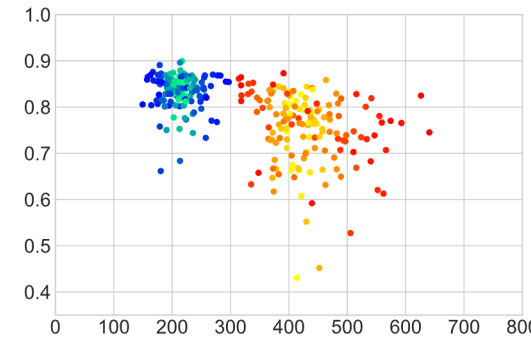
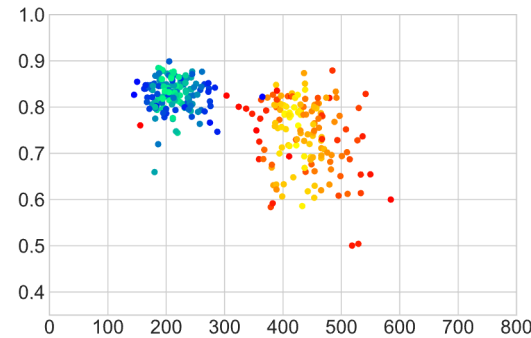
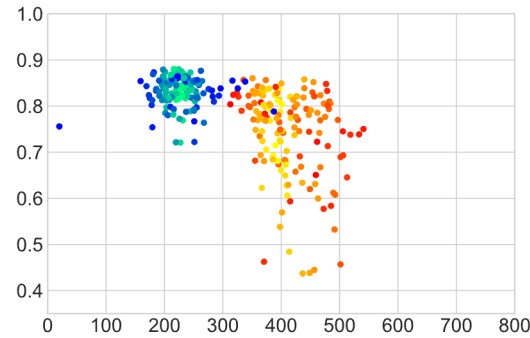
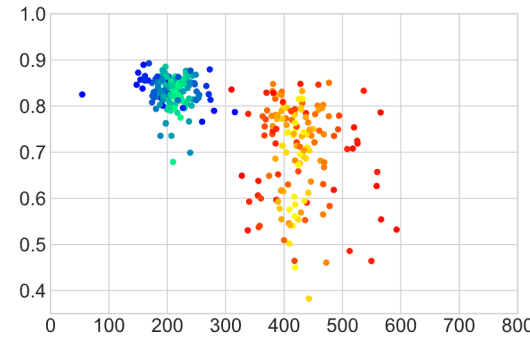
$R [\mu\text{m}]$



C

FF

$V [\mu\text{m}^3]$



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 18

PreOP

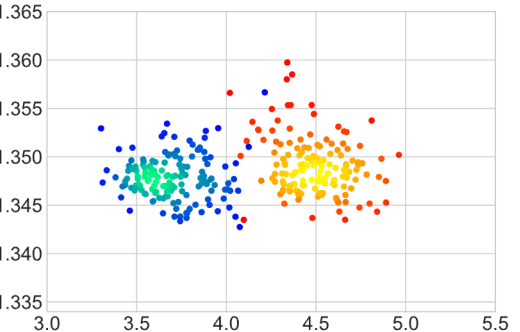
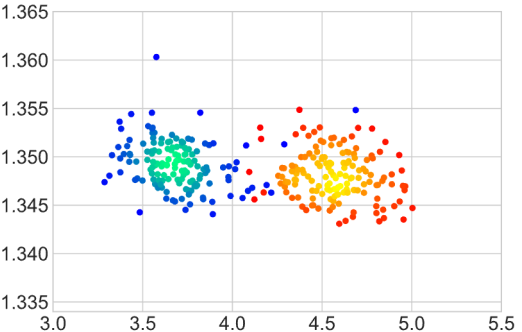
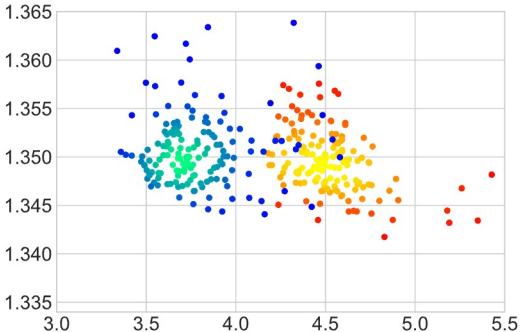
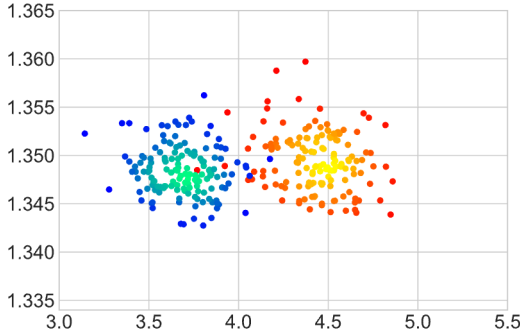
Day 1

Day 3

Day 6

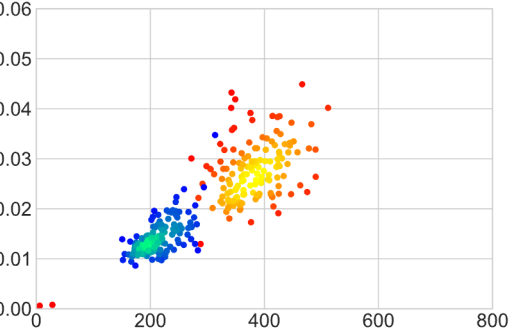
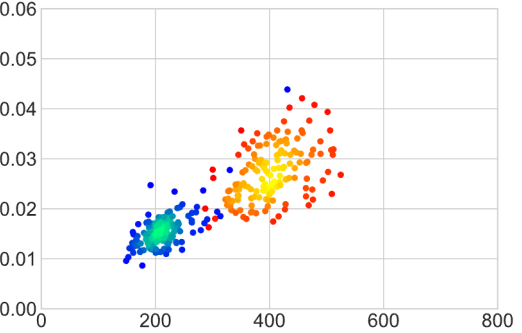
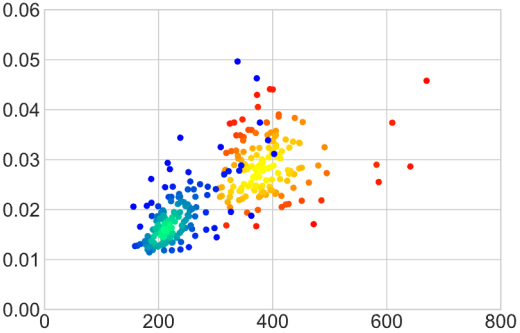
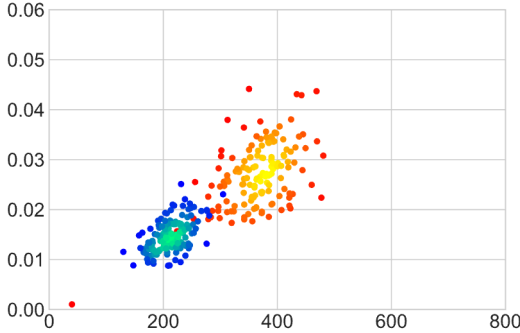
A

n_{cell}



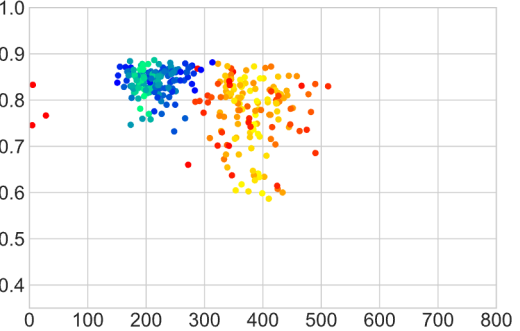
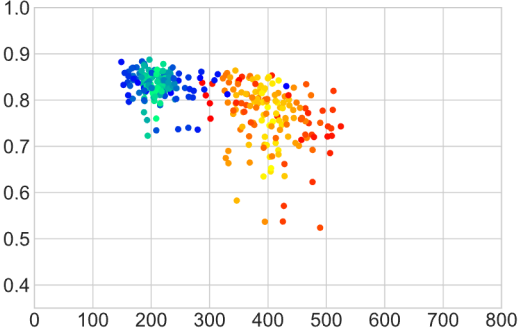
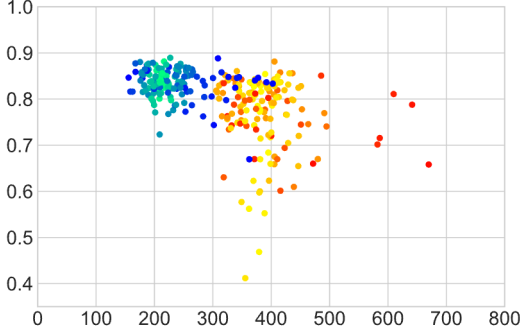
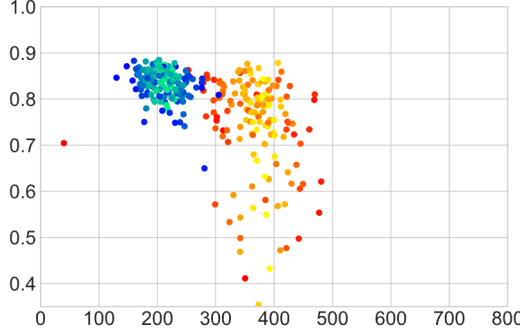
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 19

PreOP

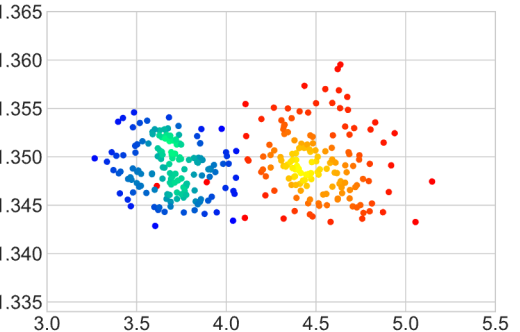
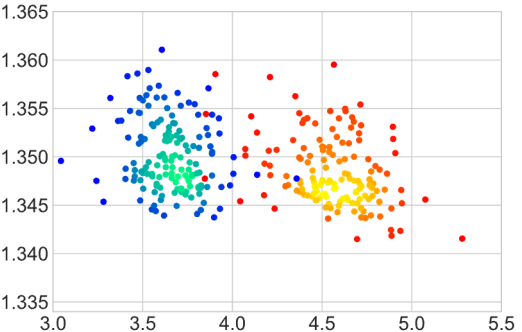
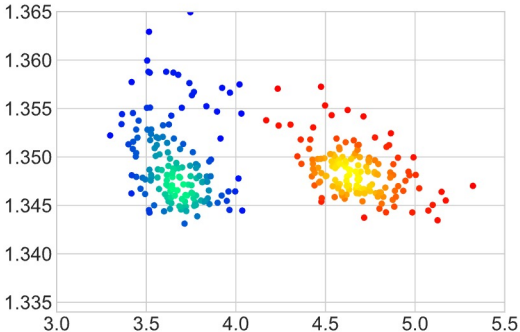
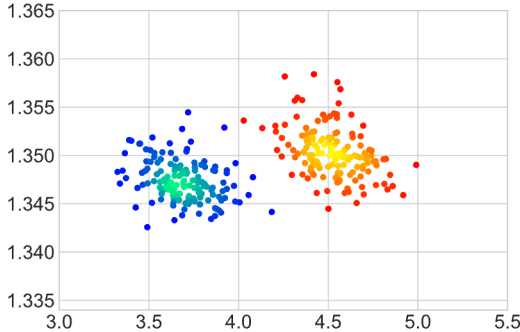
Day 1

Day 3

Day 6

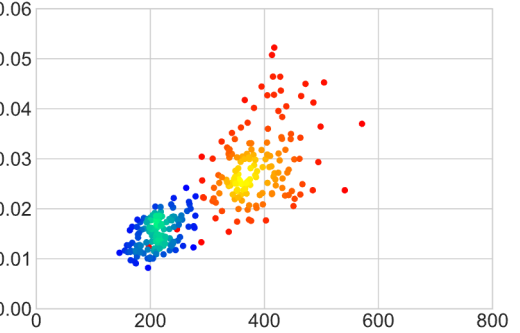
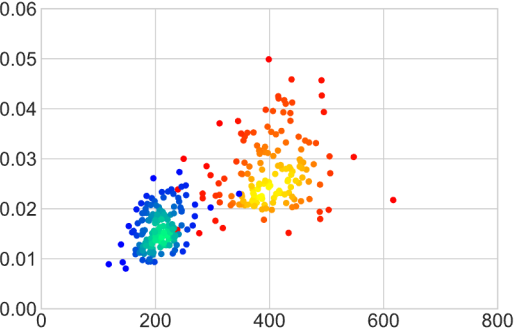
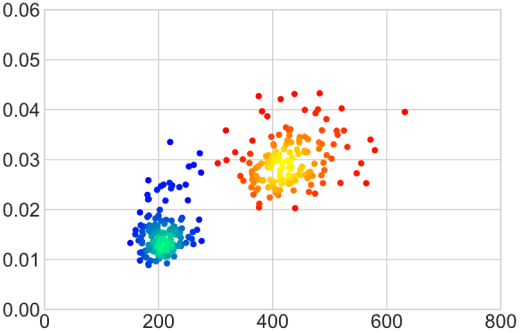
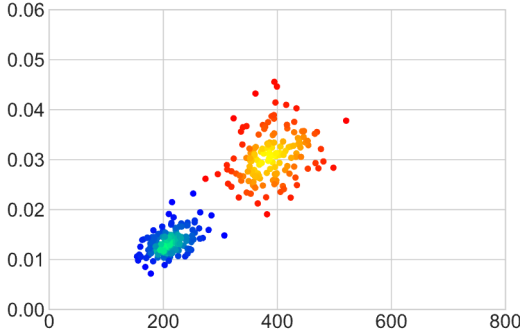
A

n_{cell}



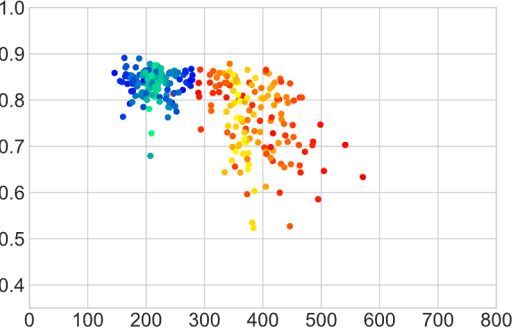
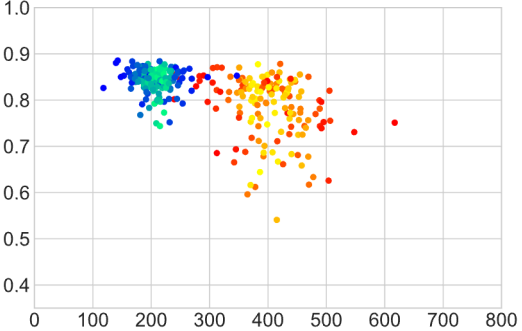
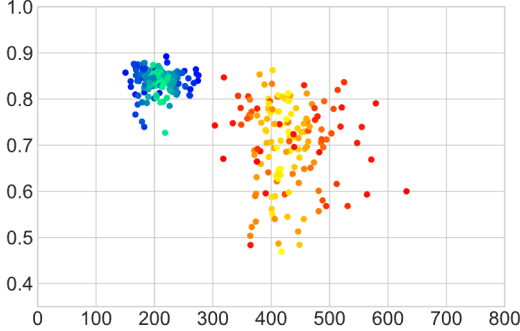
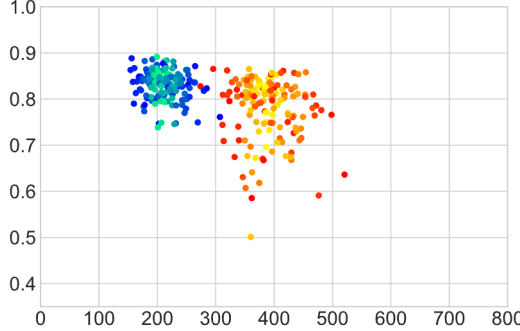
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 20

PreOP

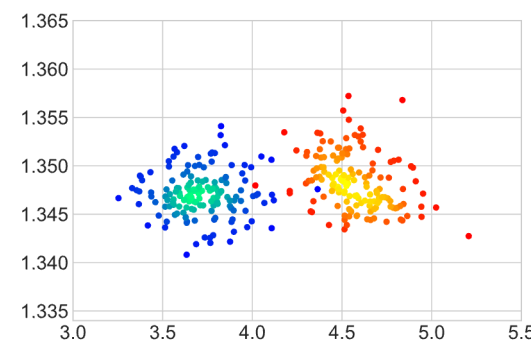
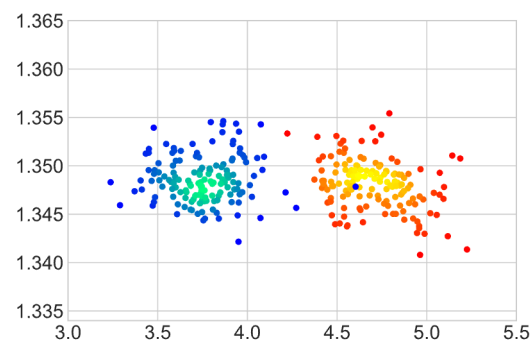
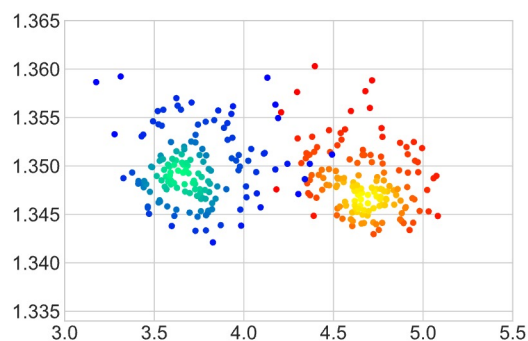
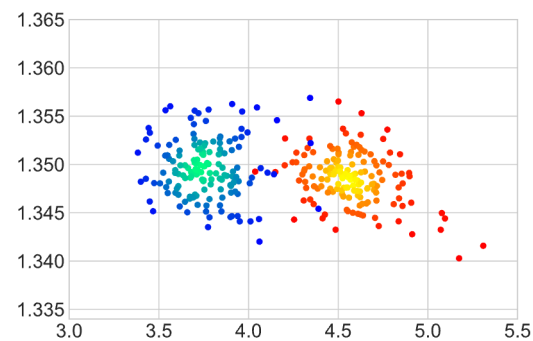
Day 1

Day 3

Day 6

A

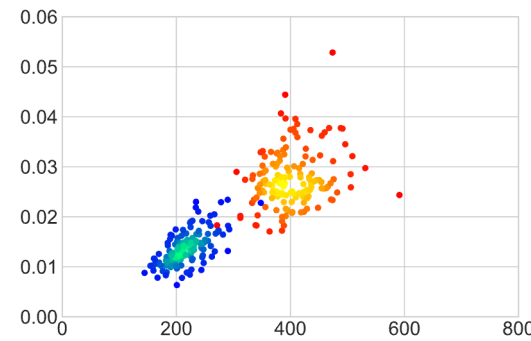
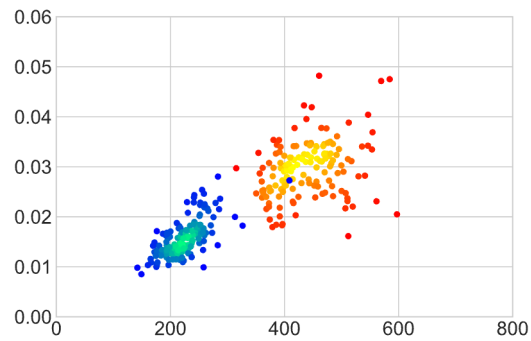
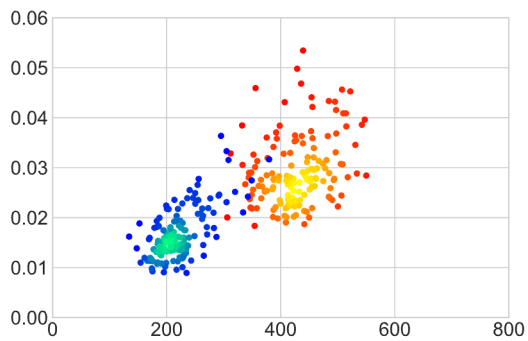
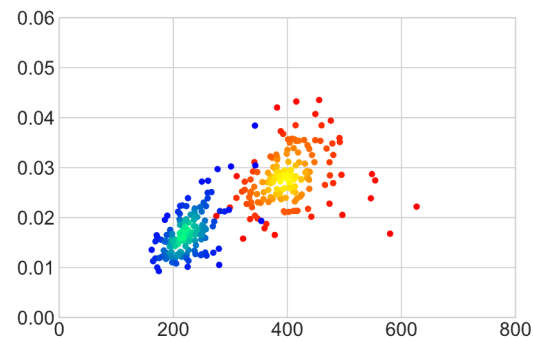
n_{cell}



B

DM [ng]

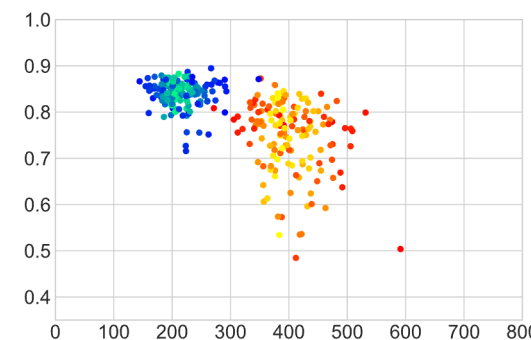
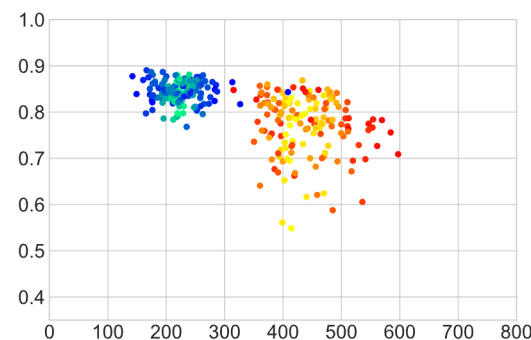
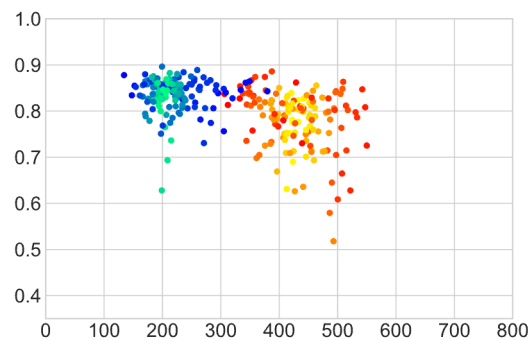
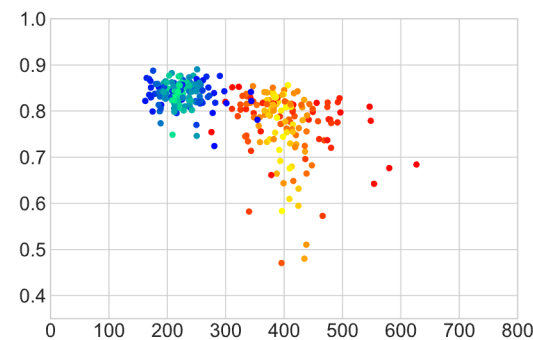
R [μm]



C

FF

V [μm^3]



V [μm^3]

density

Lymphocytes

density

Monocytes

Pat. 21

PreOP

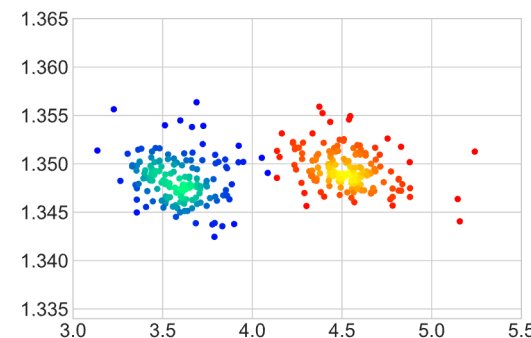
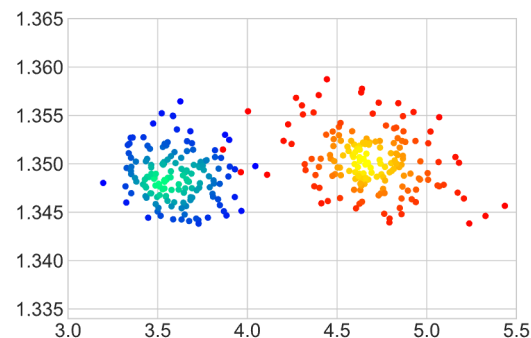
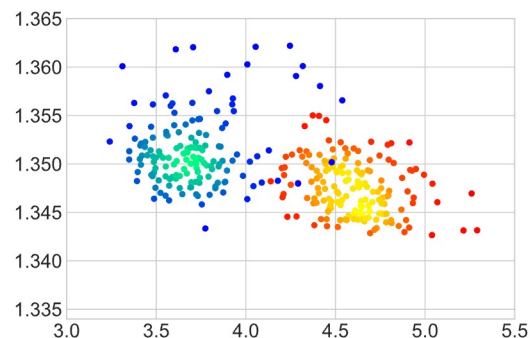
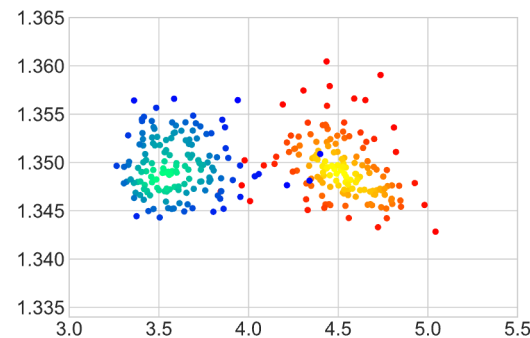
Day 1

Day 3

Day 6

A

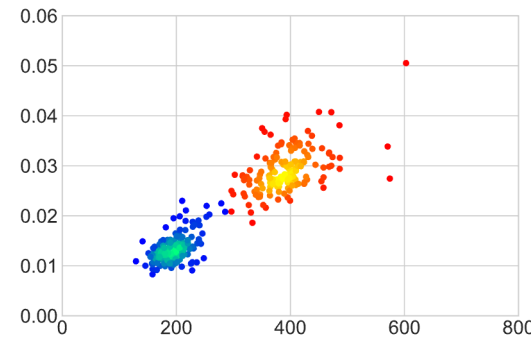
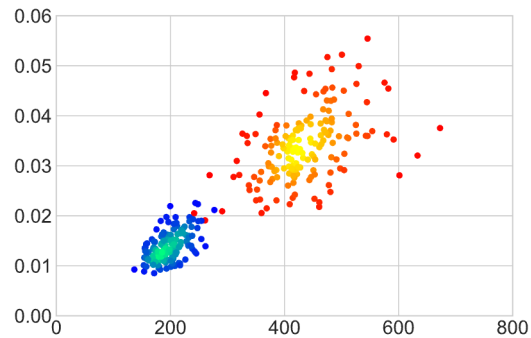
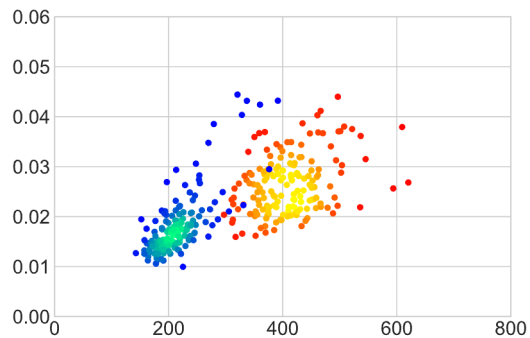
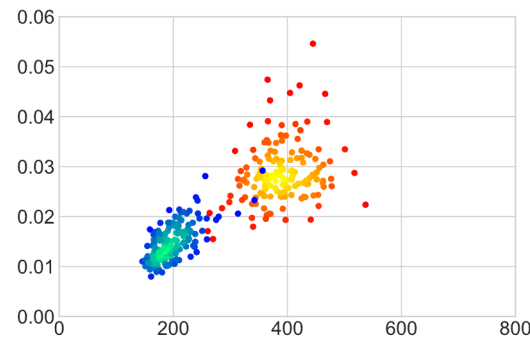
n_{cell}



B

DM [ng]

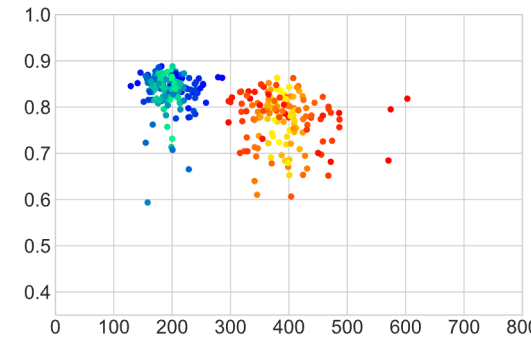
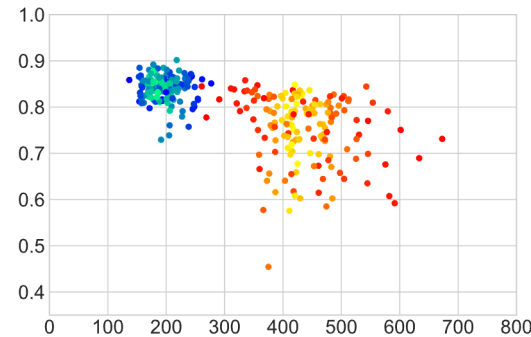
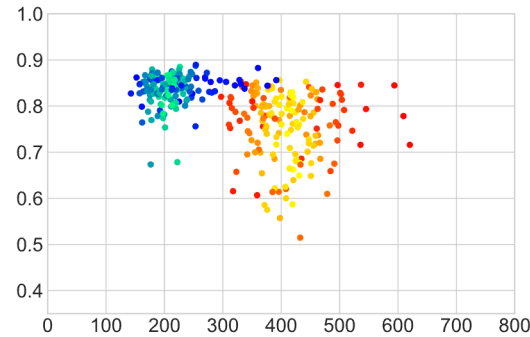
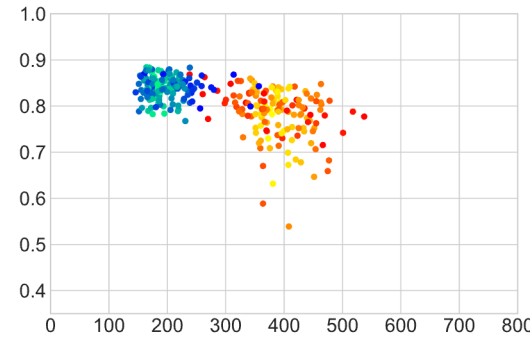
$R [\mu\text{m}]$



C

FF

$V [\mu\text{m}^3]$



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 22

PreOP

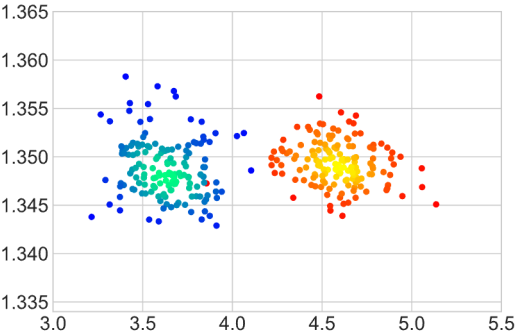
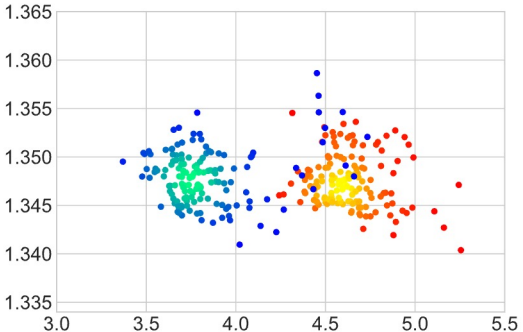
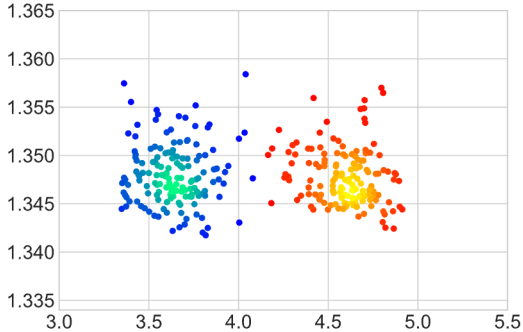
Day 1

Day 3

Day 6

A

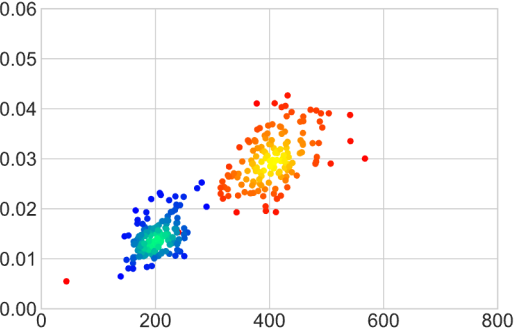
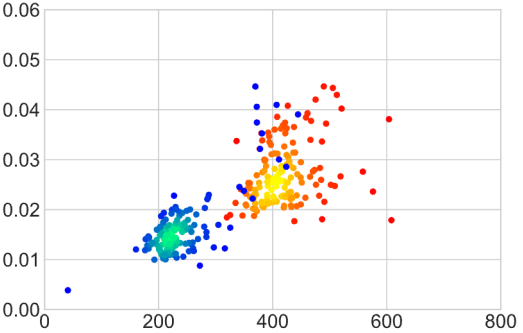
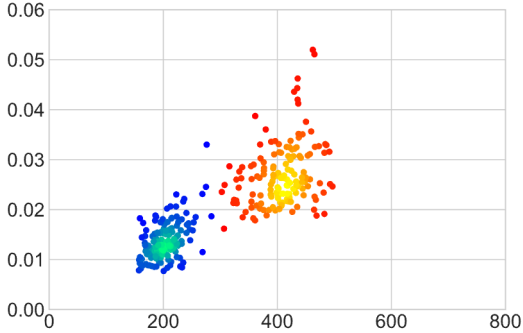
n_{cell}



No measurement on the sixth day post-surgery due to early discharge from hospital (non-complicative course)

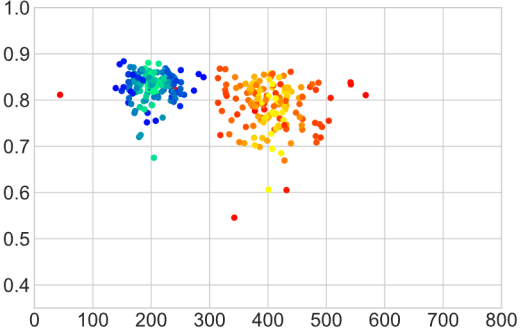
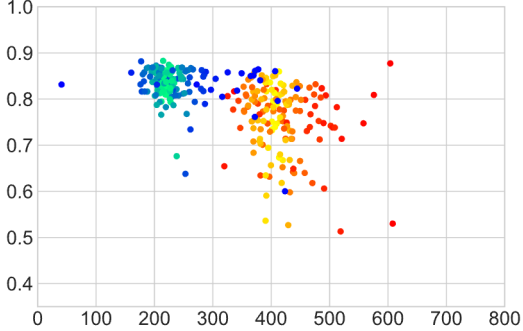
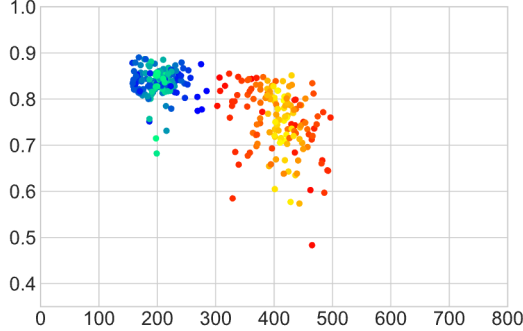
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$

density

Lymphocytes

density

Monocytes

Pat. 23

PreOP

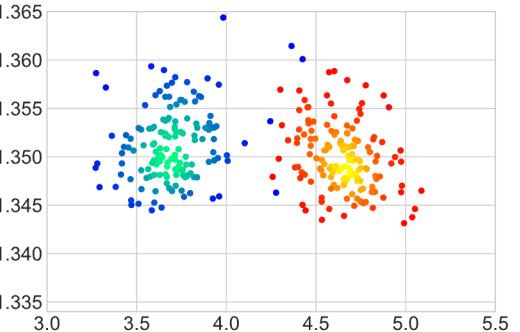
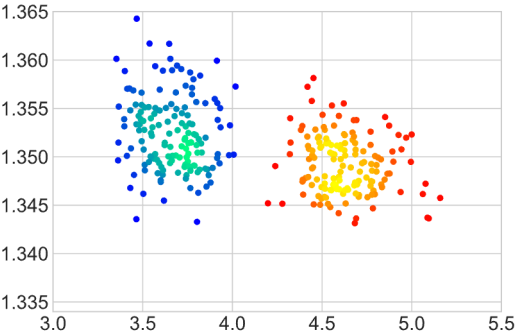
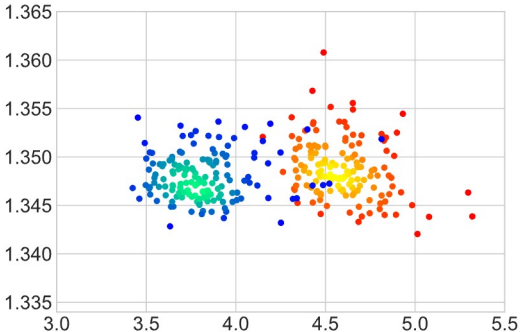
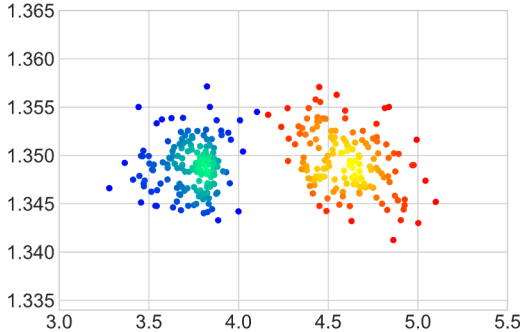
Day 1

Day 3

Day 6

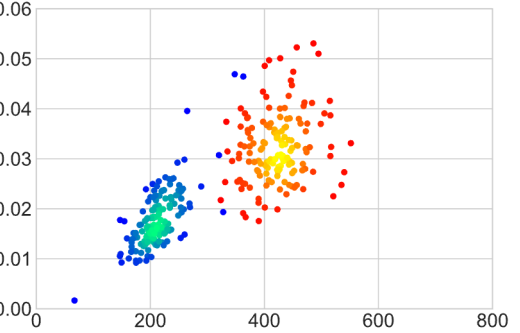
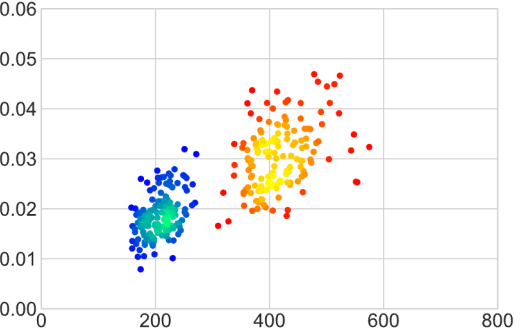
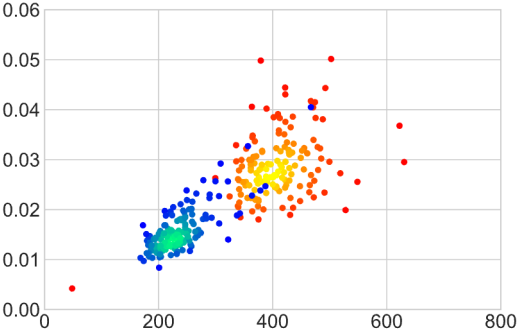
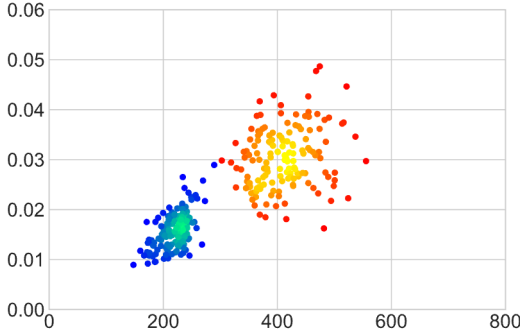
A

n_{cell}



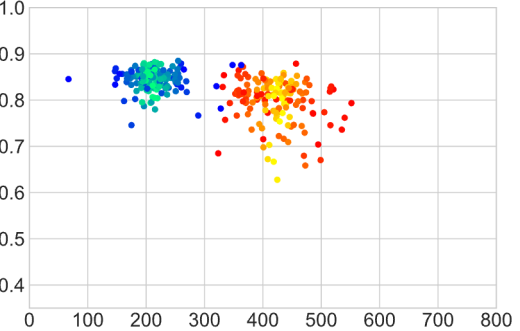
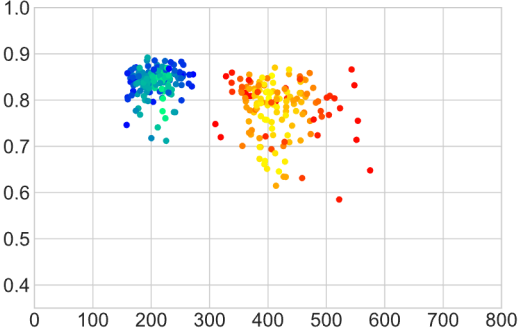
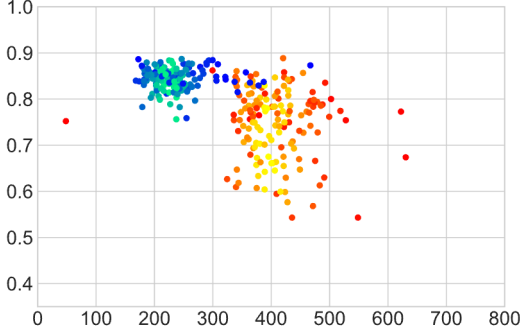
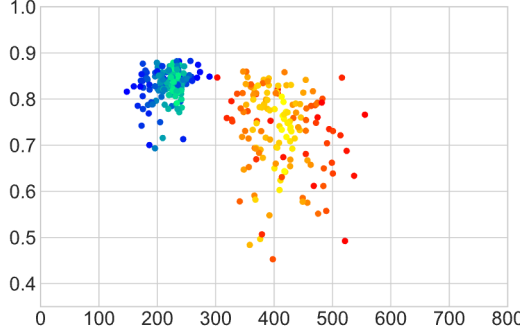
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$



Lymphocytes



Monocytes

Pat. 24

PreOP

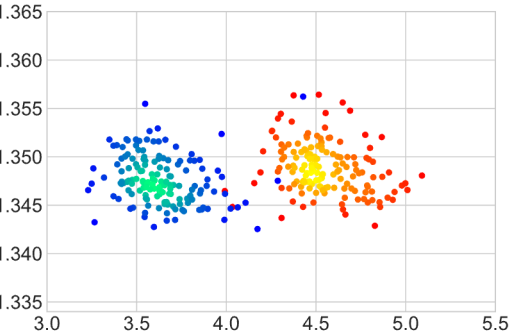
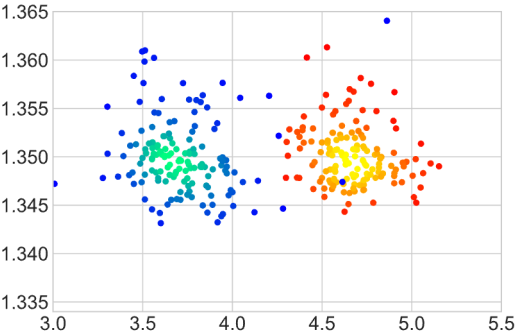
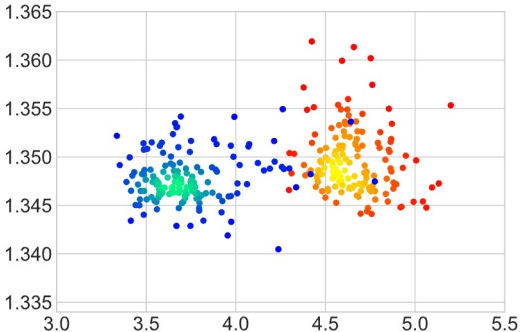
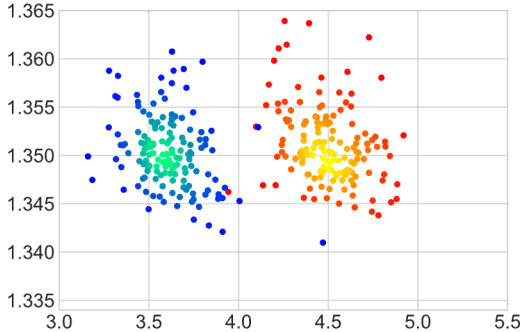
Day 1

Day 3

Day 6

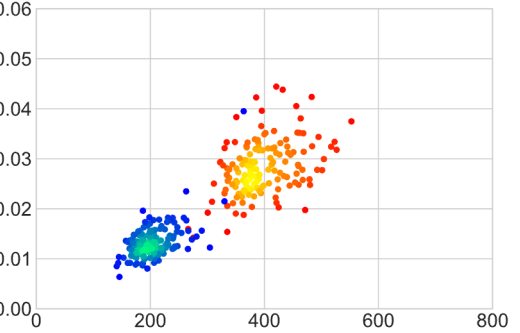
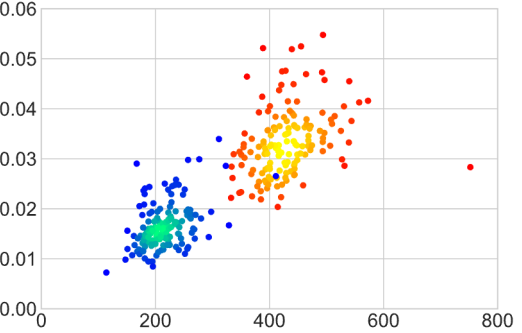
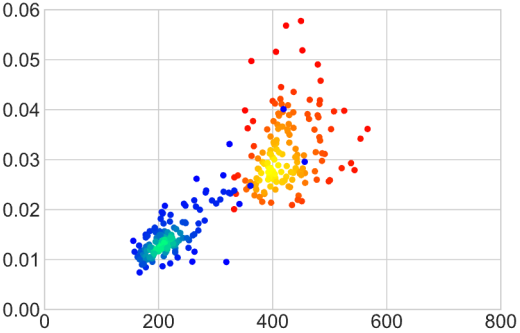
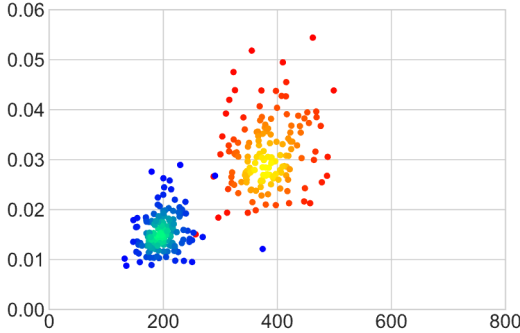
A

n_{cell}



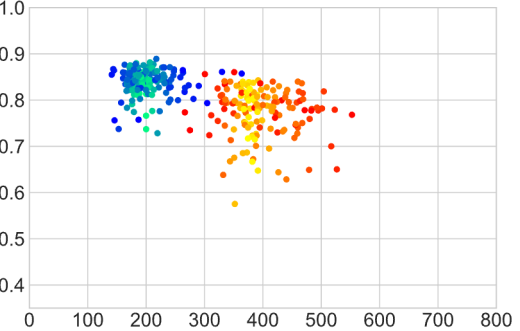
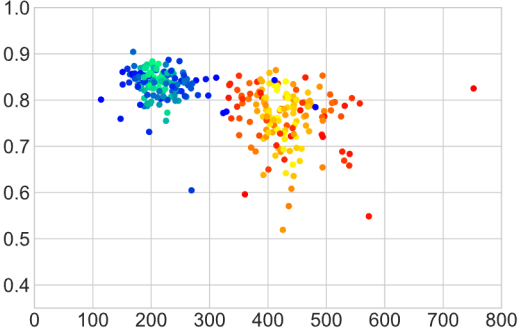
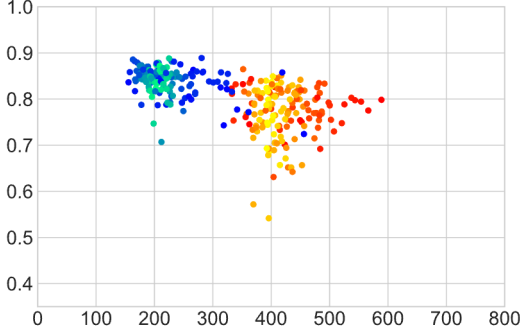
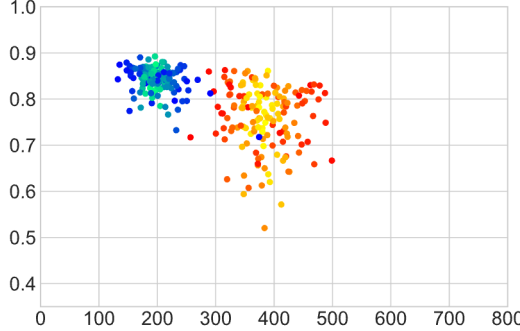
B

DM [ng]



C

FF



$V [\mu\text{m}^3]$



Lymphocytes



Monocytes

Pat. 25

PreOP

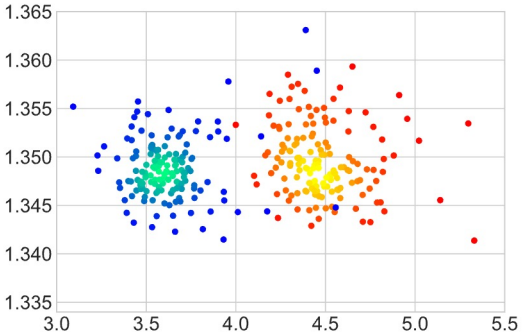
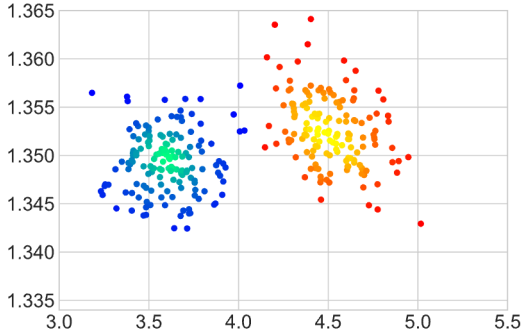
Day 1

Day 3

Day 6

A

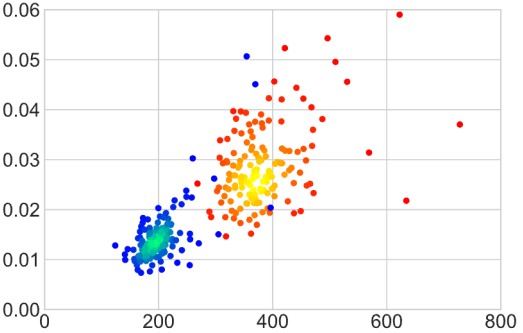
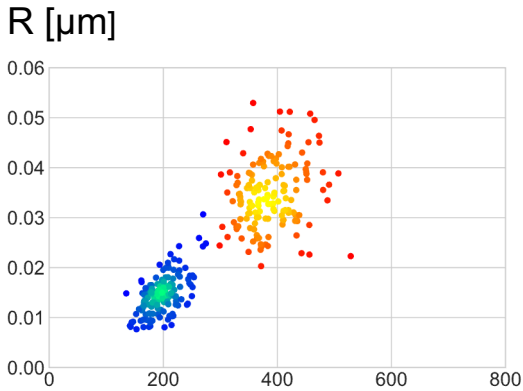
n_{cell}



No further measurements
due to patient's death one
day post-surgery

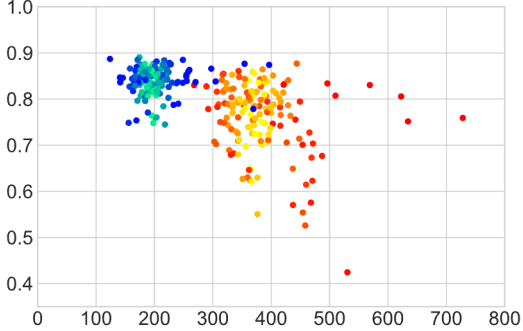
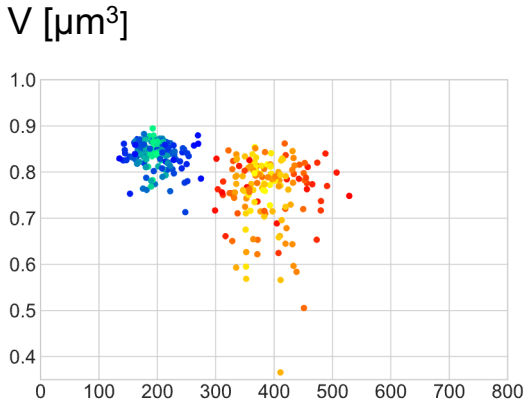
B

DM [ng]



C

FF



$V [\mu m^3]$

density

Lymphocytes

density

Monocytes