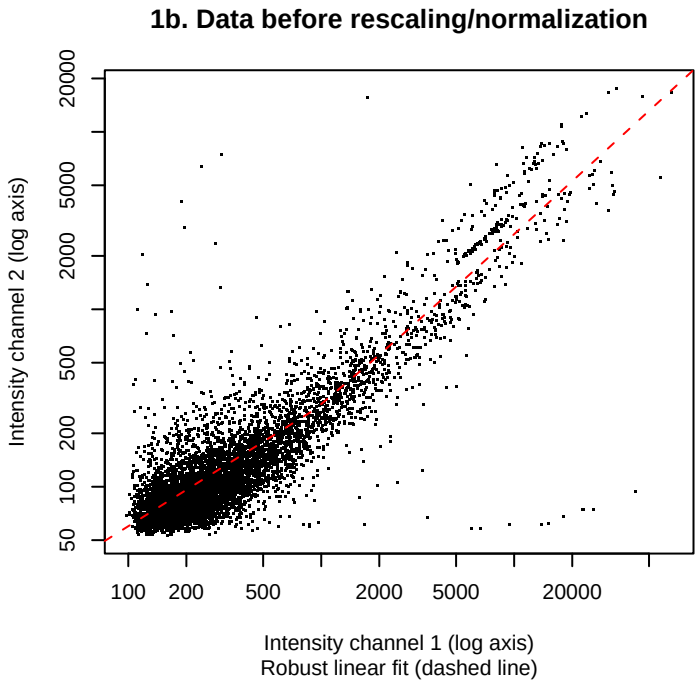
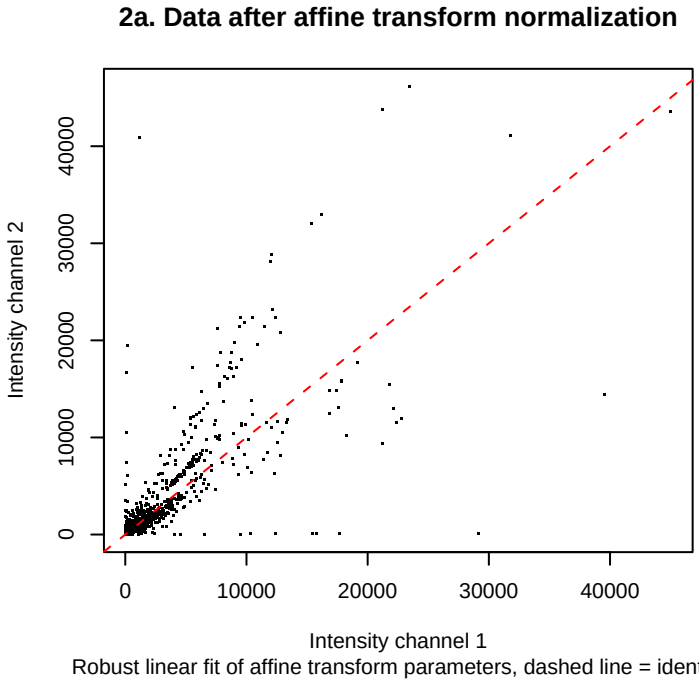
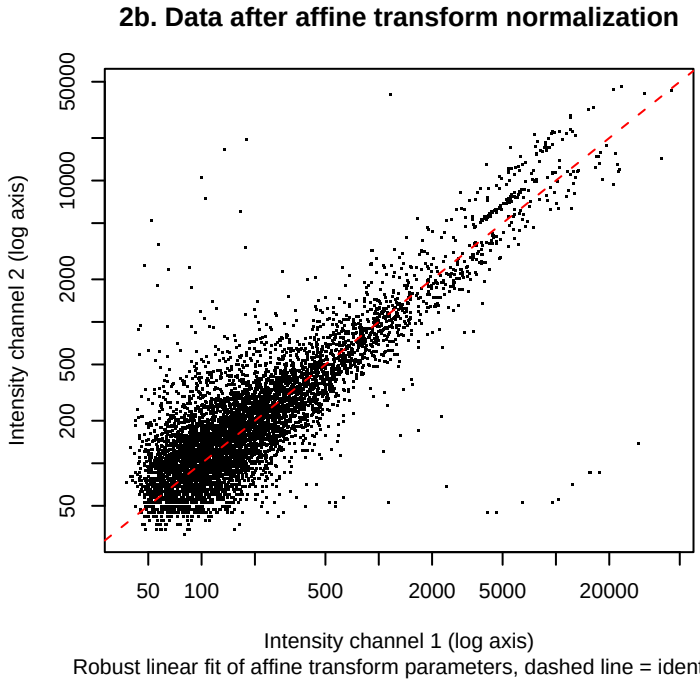
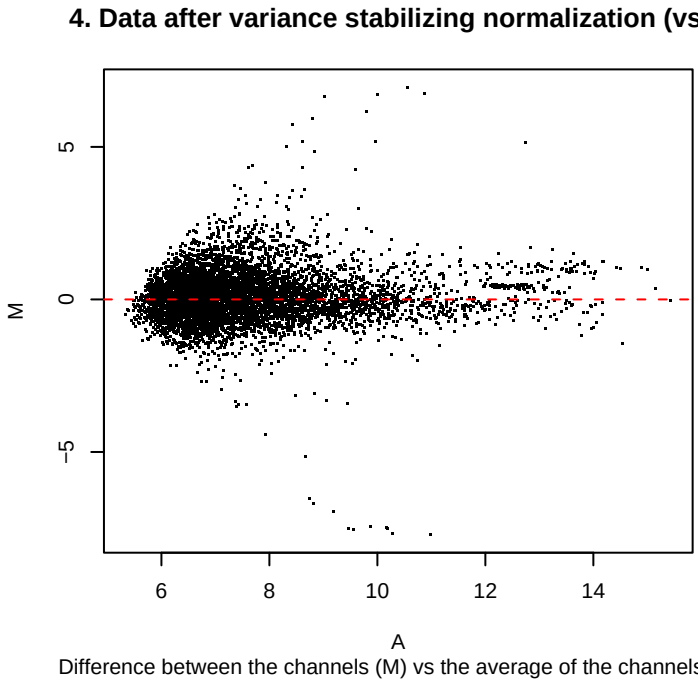
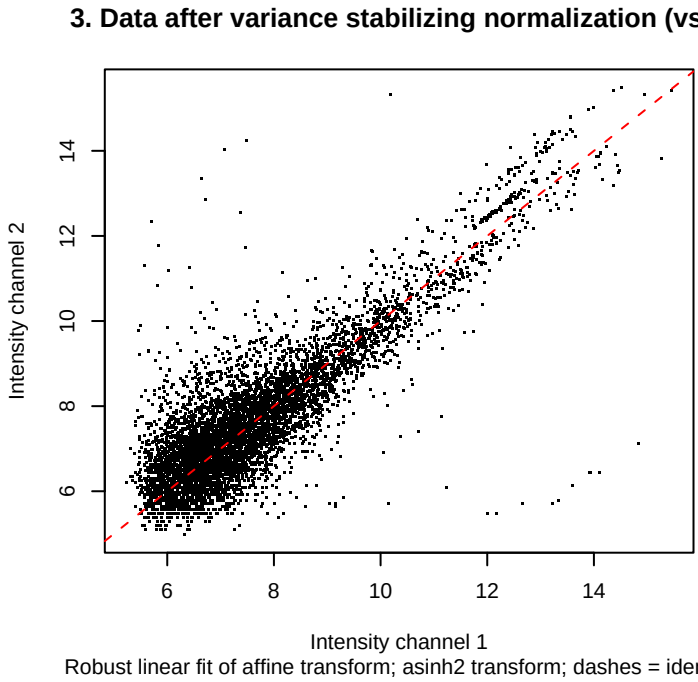
1a. Data before rescaling/normalization
Intensity channel 2
0
5000
10000
15000
0
10000
20000
30000
40000
50000
60000
Intensity channel 1
Robust linear fit (dashed line)


1b. Data before rescaling/normalization
Intensity channel 2 (log axis)
50
100
200
500
2000
5000
20000
100
200
500
2000
5000
20000
Intensity channel 1 (log axis)
Robust linear fit (dashed line)


2a. Data after affine transform normalization
Intensity channel 2
0
10000
20000
30000
40000
0
10000
20000
30000
40000
Intensity channel 1
Robust linear fit of affine transform parameters, dashed line = identity


2b. Data after affine transform normalization
Intensity channel 2 (log axis)
50
200
500
2000
10000
50000
50
100
500
2000
5000
20000
Intensity channel 1 (log axis)
Robust linear fit of affine transform parameters, dashed line = identity


4. Data after variance stabilizing normalization (vsn)
M
−5
0
5
6
8
10
12
14
A
Difference between the channels (M) vs the average of the channels (A)


3. Data after variance stabilizing normalization (vsn)
Intensity channel 2
6
8
10
12
14
6
8
10
12
14
Intensity channel 1
Robust linear fit of affine transform; asinh2 transform; dashes = identity