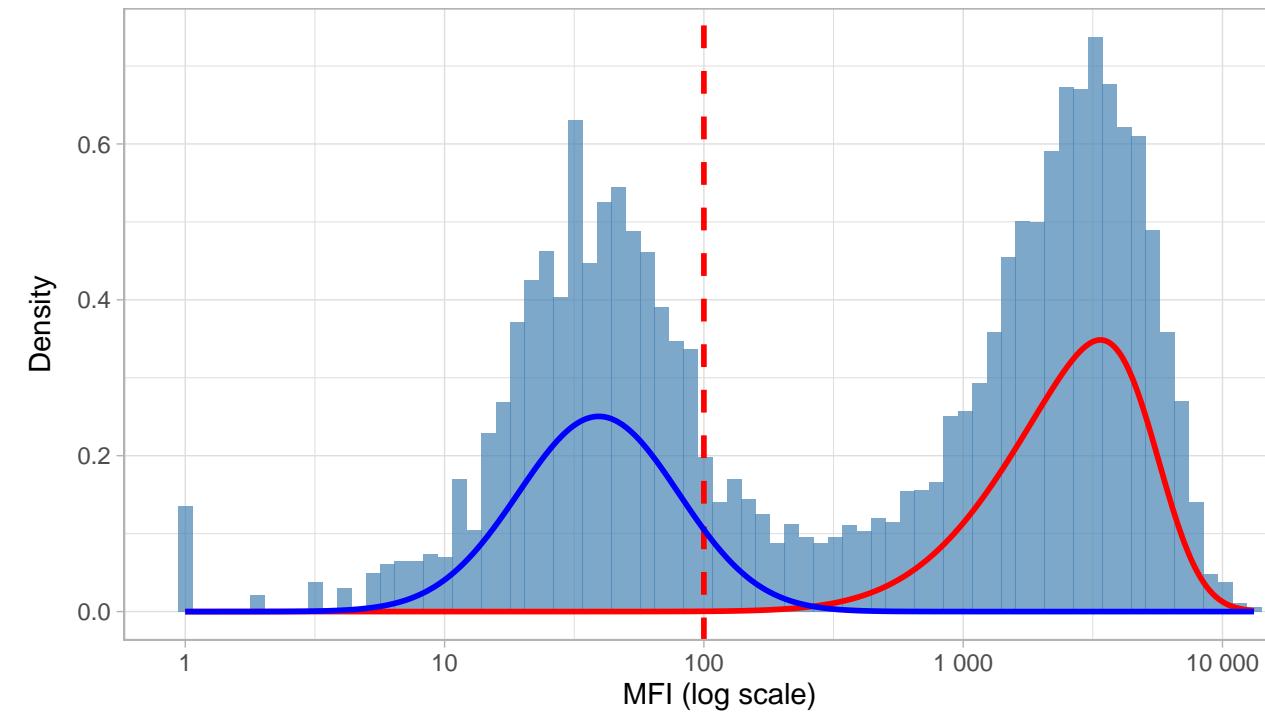


Diagnostics: cmv_pp150

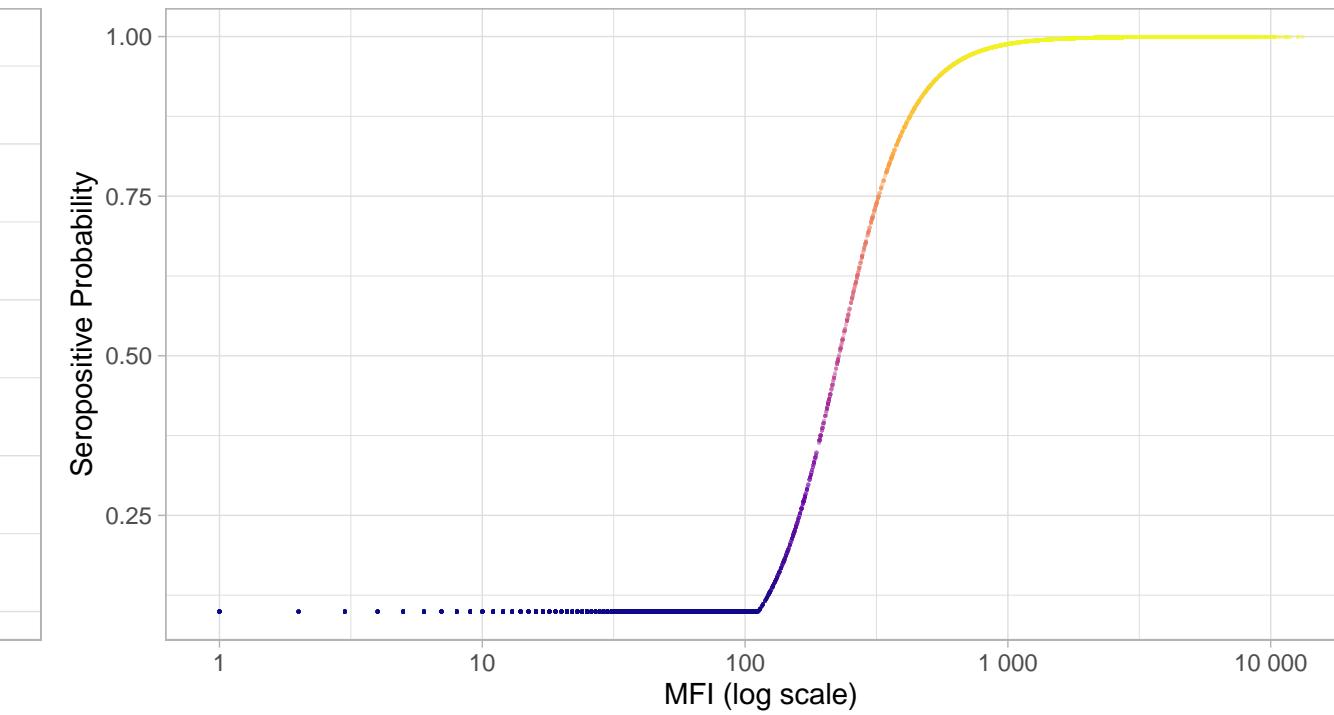
N=9424 | >0.95=4722 | <0.05=0 | Ambig=4702

Original MFI Distribution: cmv_pp150

Hard cutoff threshold = 100

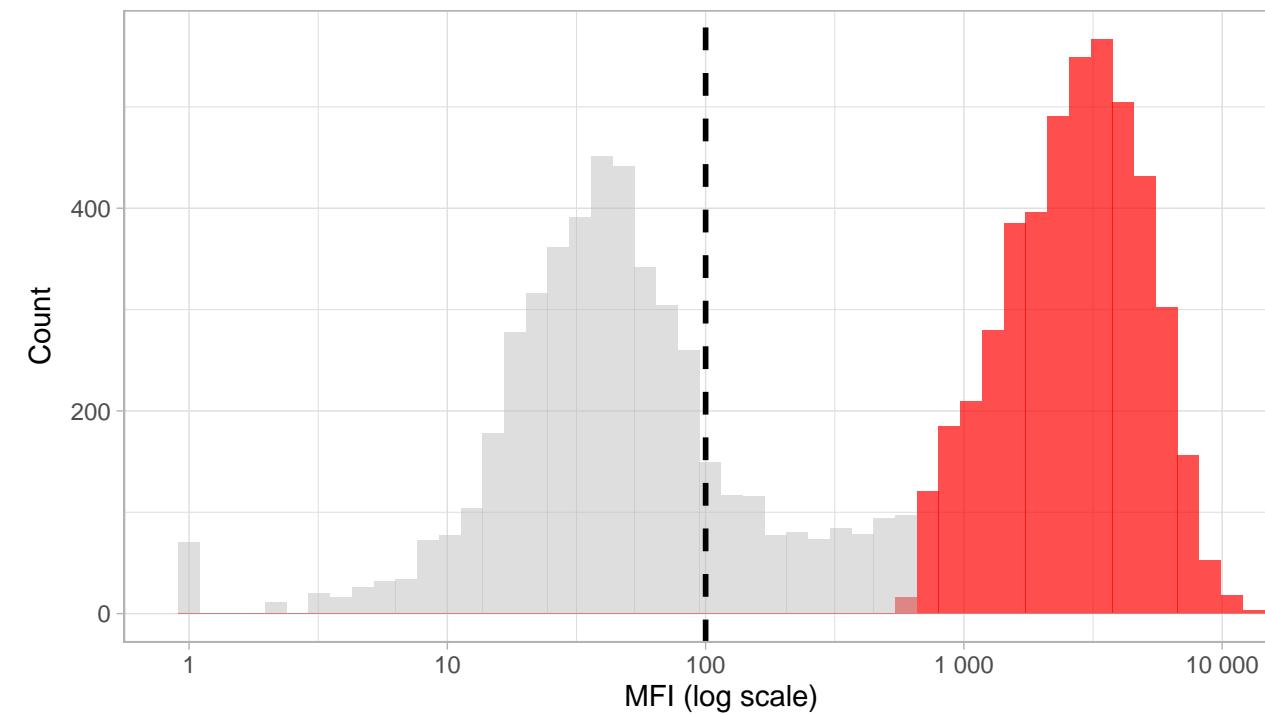


IgG vs Seropositive Probability: cmv_pp150



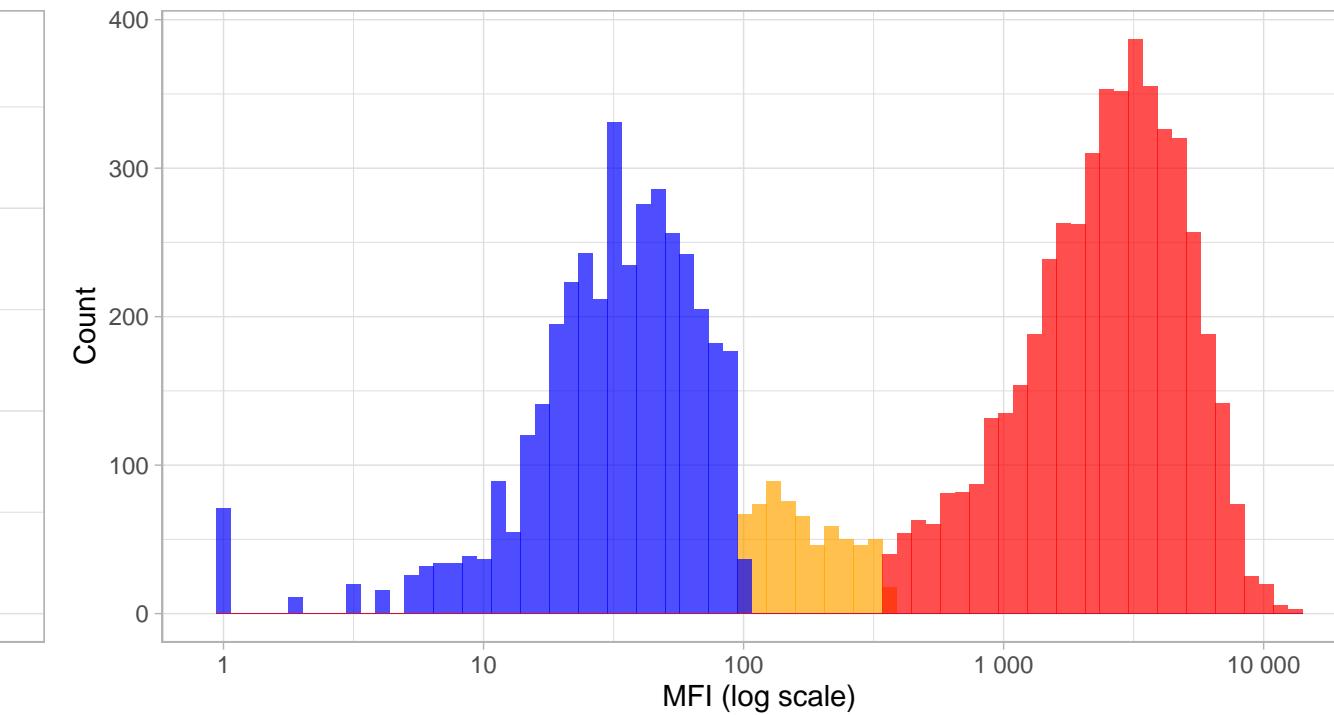
High-Confidence Seropositive Distribution: cmv_pp150

Prob threshold = 0.96



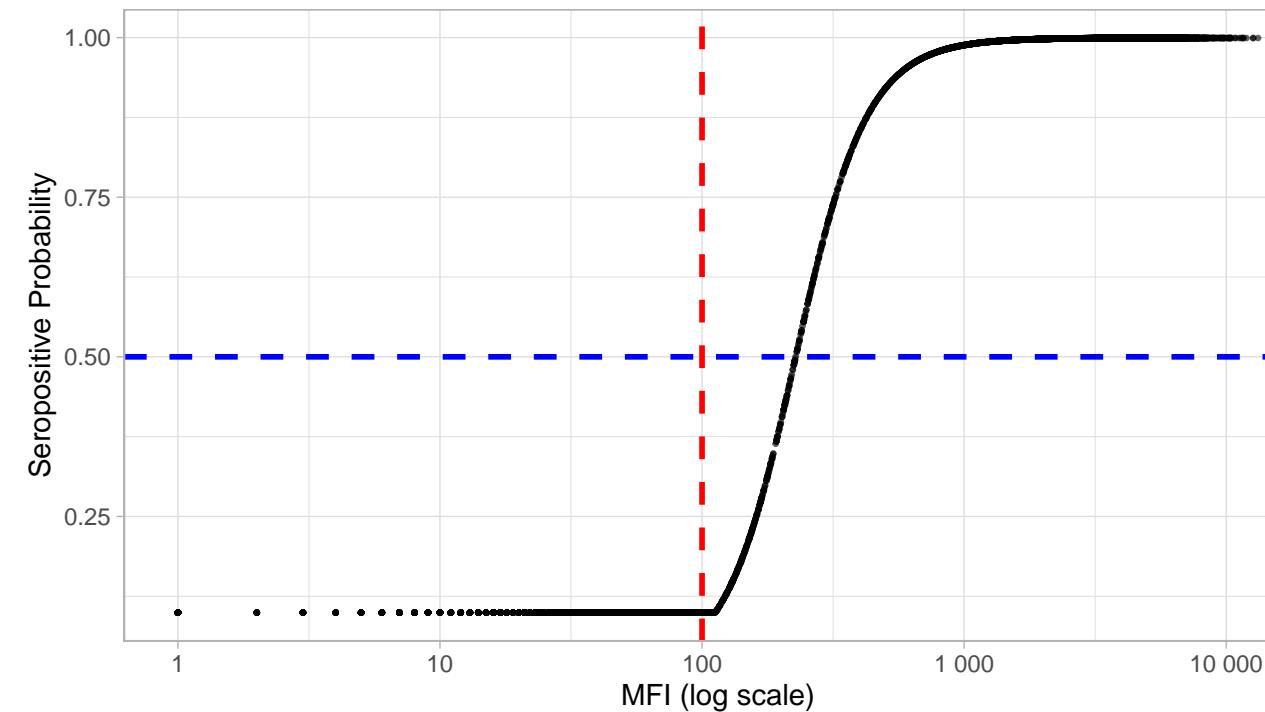
Phenotype Distribution by Classification: cmv_pp150

Comparing hard vs soft classifications



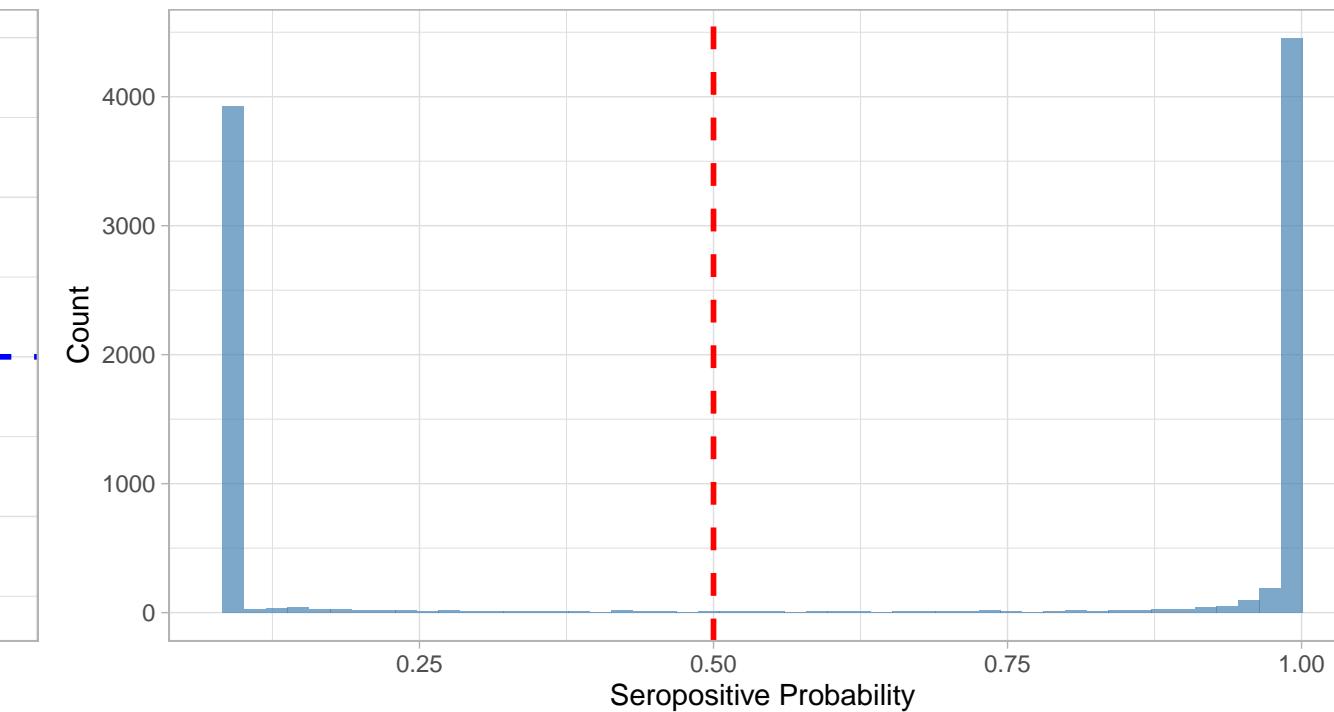
IgG Level vs Seropositive Probability: cmv_pp150

Red line = hard threshold, Blue line = 50% probability



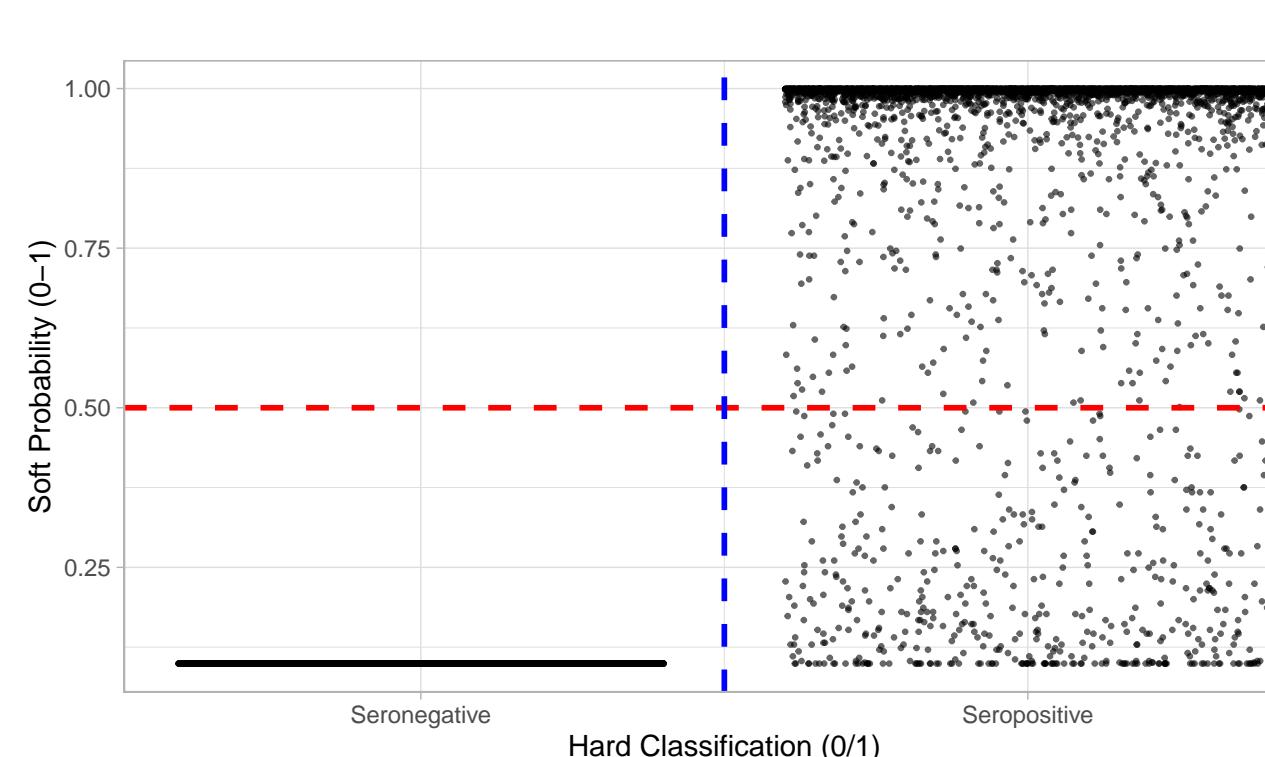
Distribution of Seropositive Probabilities: cmv_pp150

Red line = 50% threshold



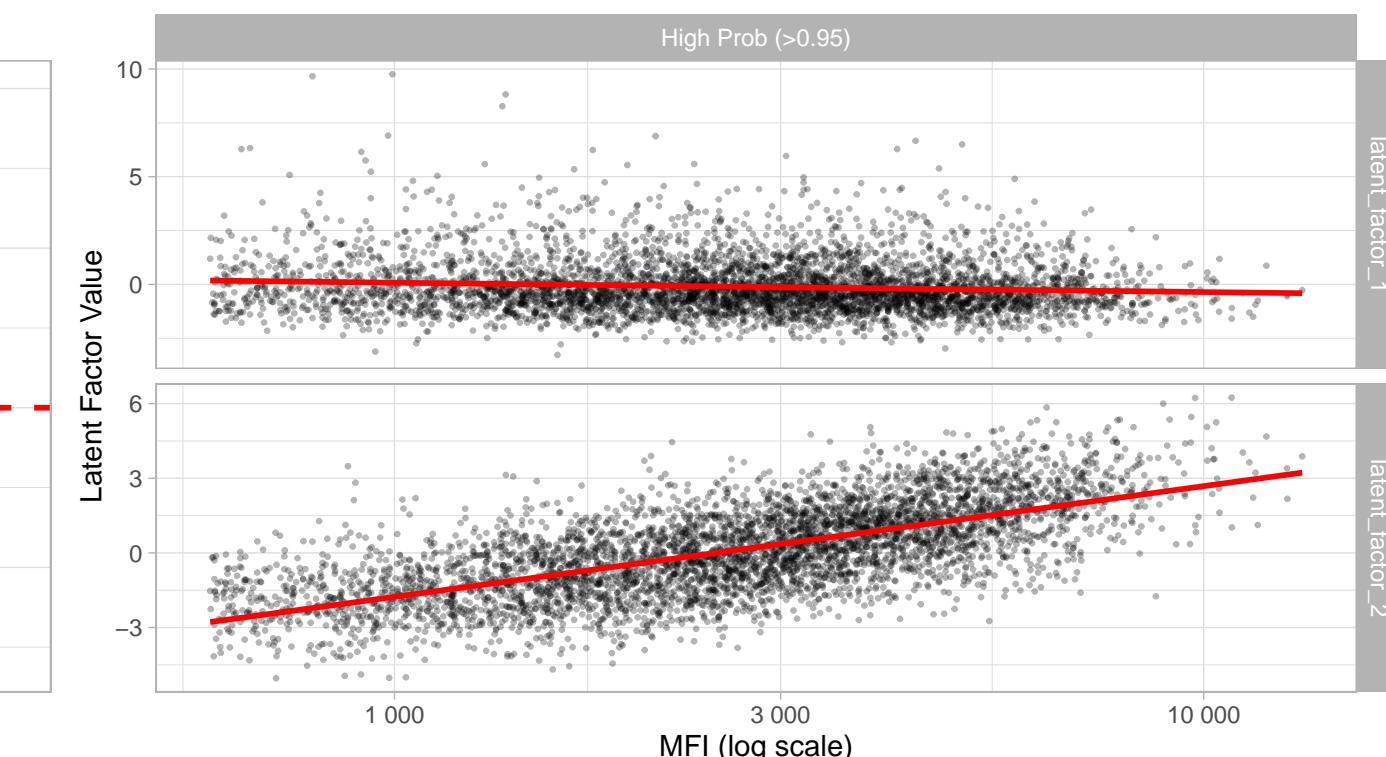
Hard vs Soft Classification: cmv_pp150

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: cmv_pp150

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

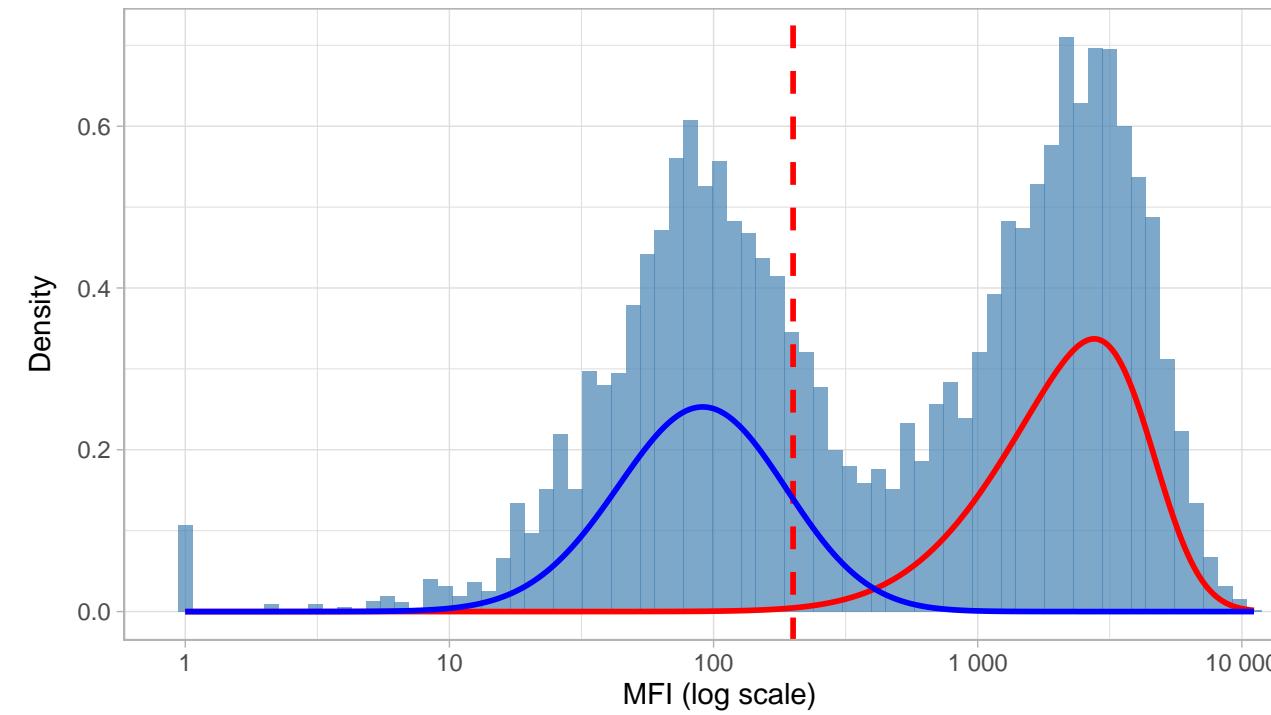


Diagnostics: cmv_pp28

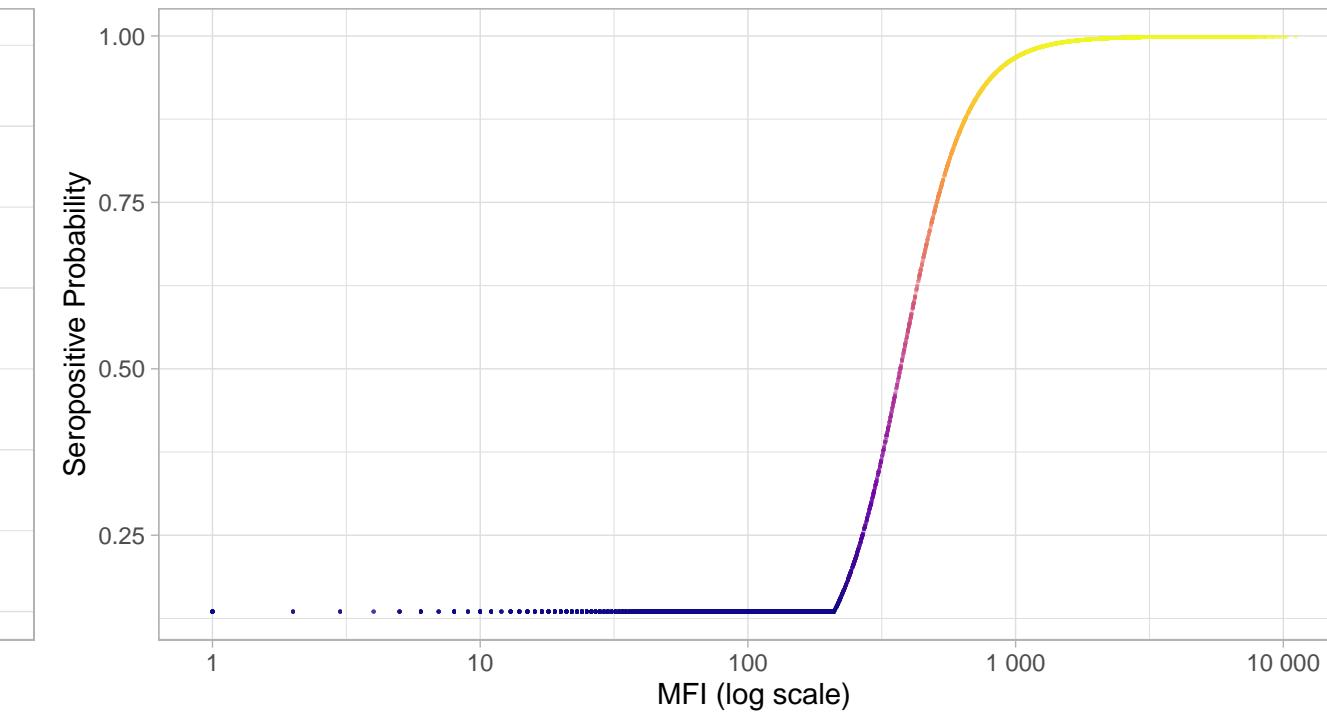
N=9424 | >0.95=4173 | <0.05=0 | Ambig=5251

Original MFI Distribution: cmv_pp28

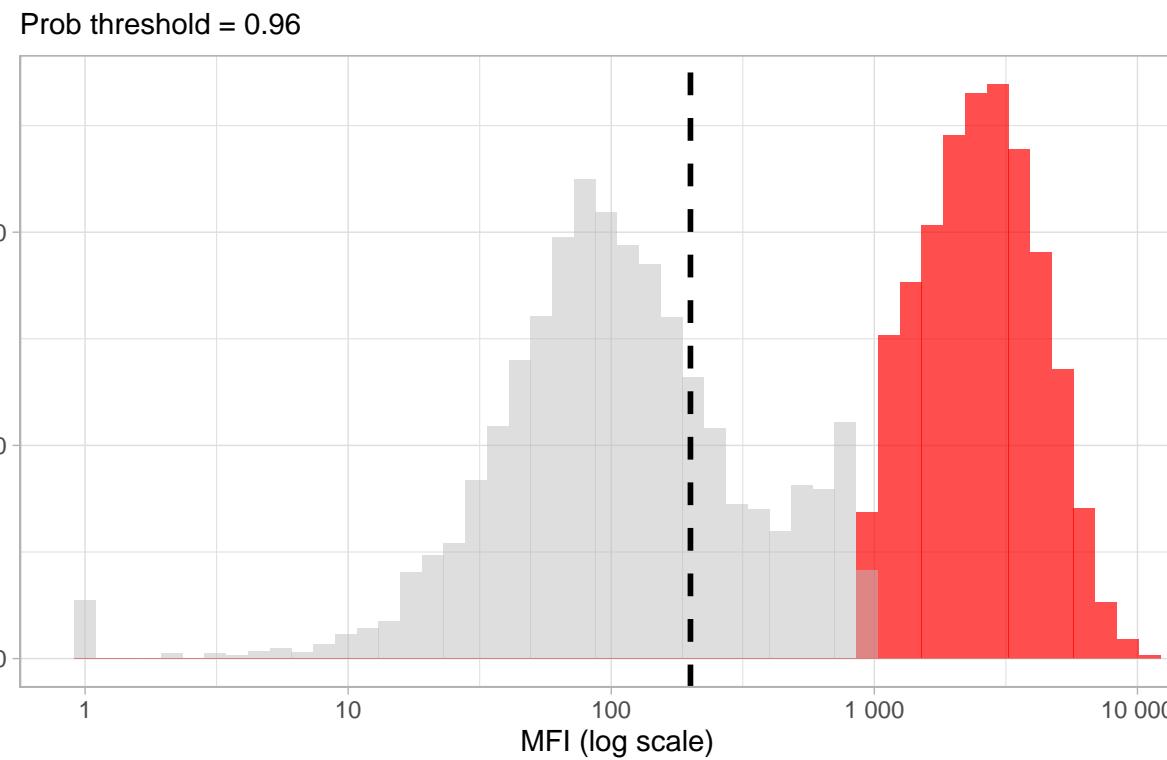
Hard cutoff threshold = 200



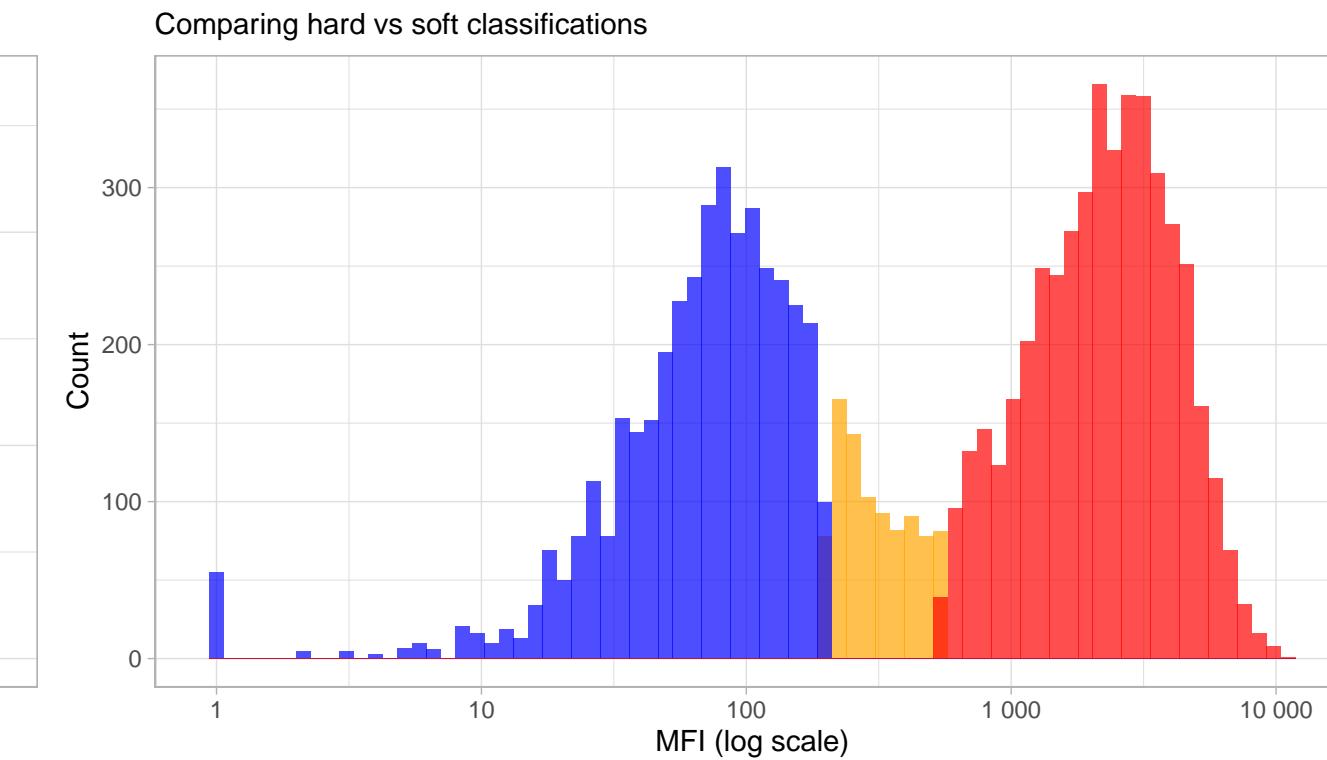
IgG vs Seropositive Probability: cmv_pp28



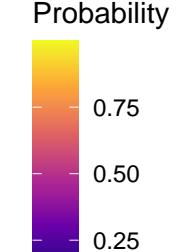
High-Confidence Seropositive Distribution: cmv_pp28



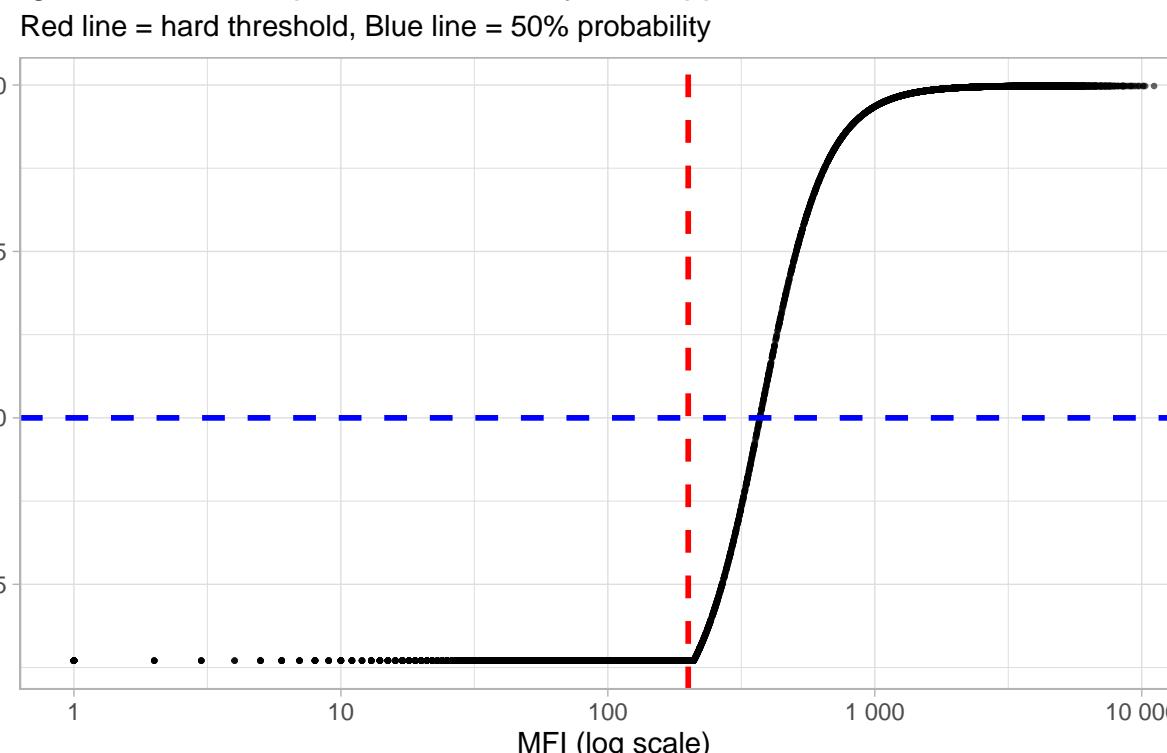
Phenotype Distribution by Classification: cmv_pp28



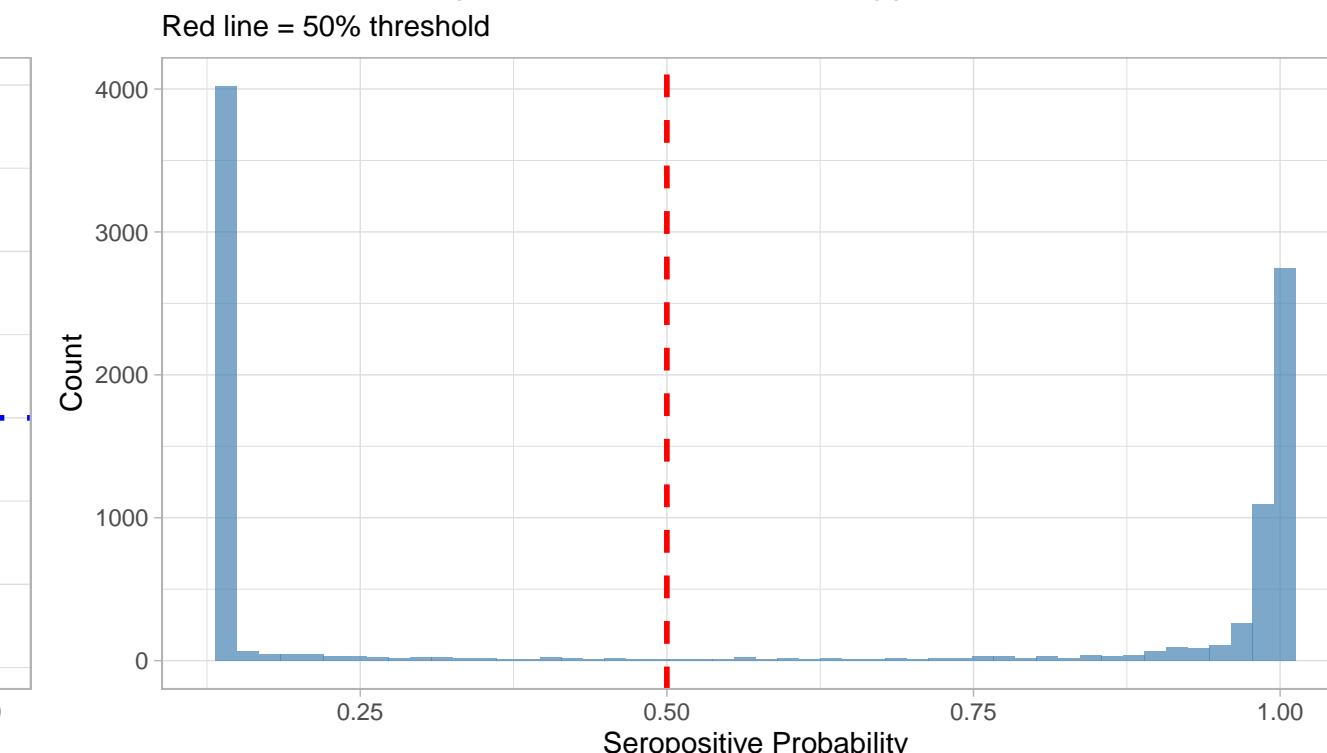
Seropositive Probability



IgG Level vs Seropositive Probability: cmv_pp28



Distribution of Seropositive Probabilities: cmv_pp28



Classification

Ambiguous

High-conf Seropositive

Classification

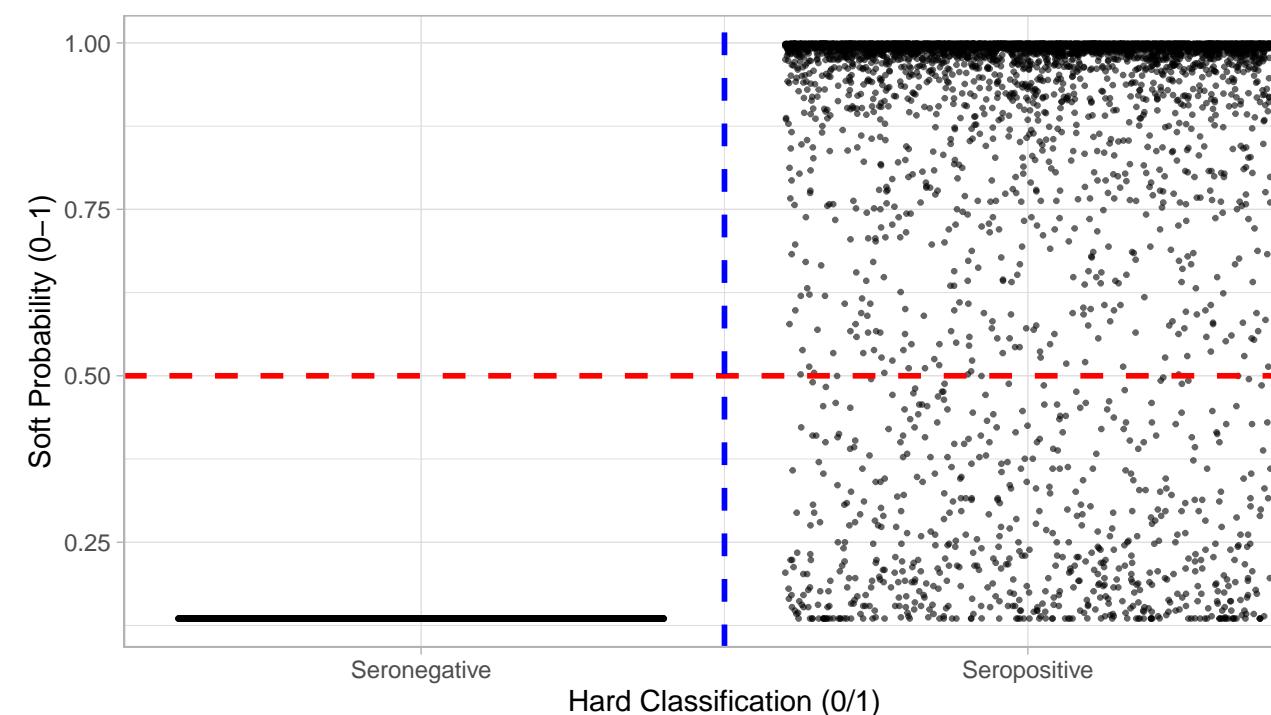
Hard Positive, Soft Low

Hard+Soft Negative

Hard+Soft Positive

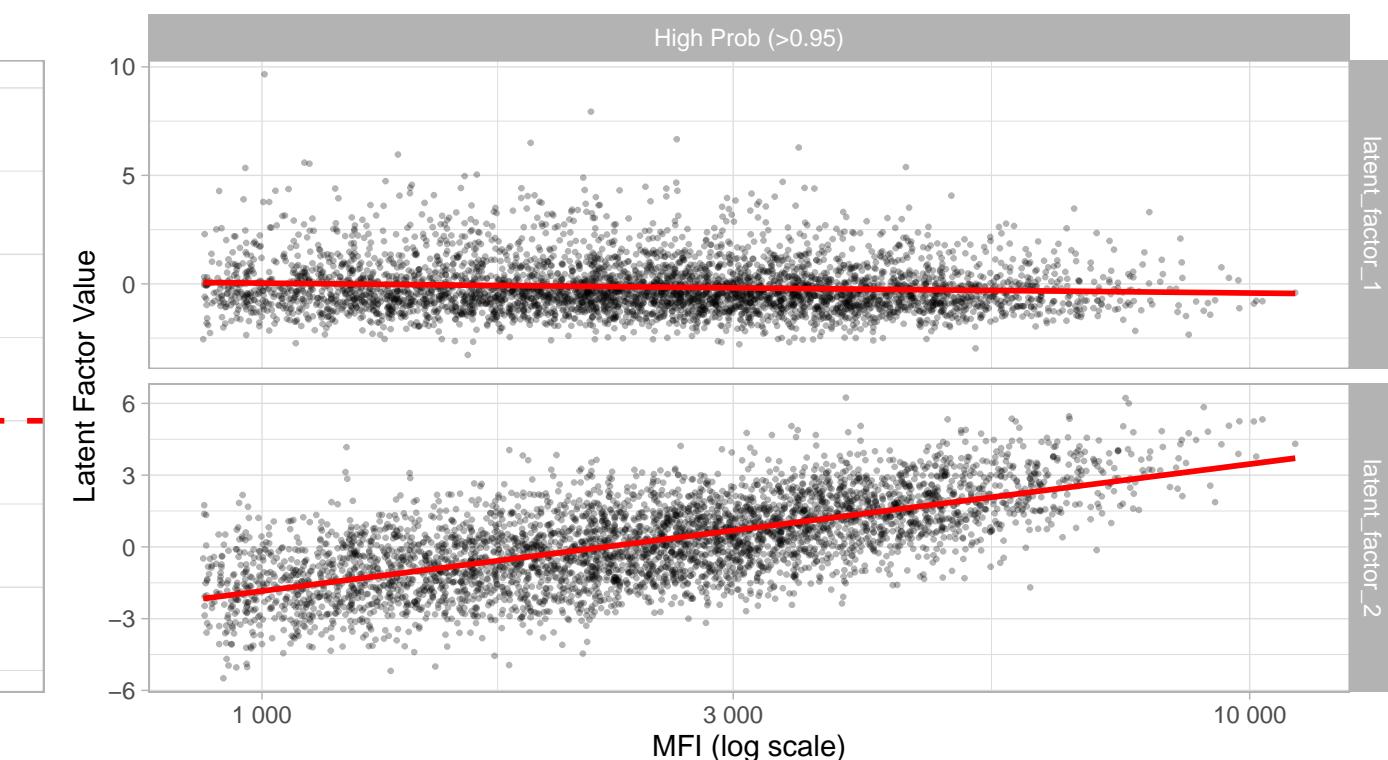
Hard vs Soft Classification: cmv_pp28

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: cmv_pp28

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

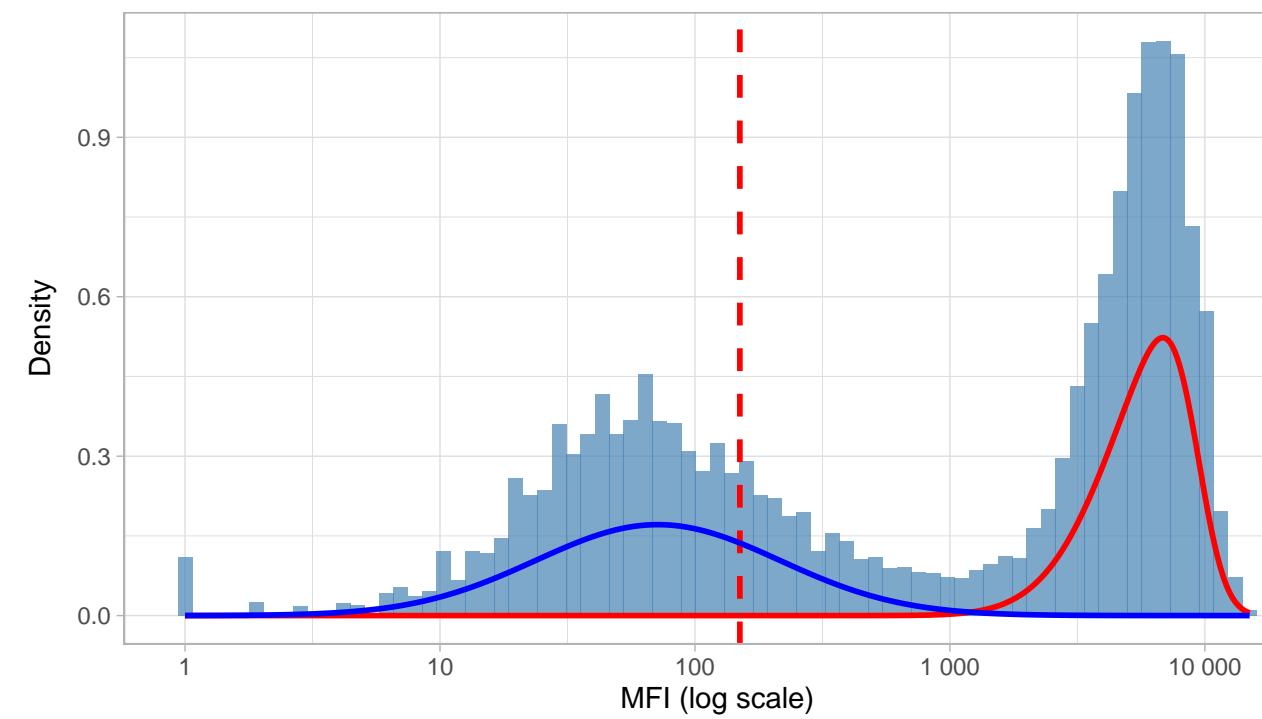


Diagnostics: cmv_pp52

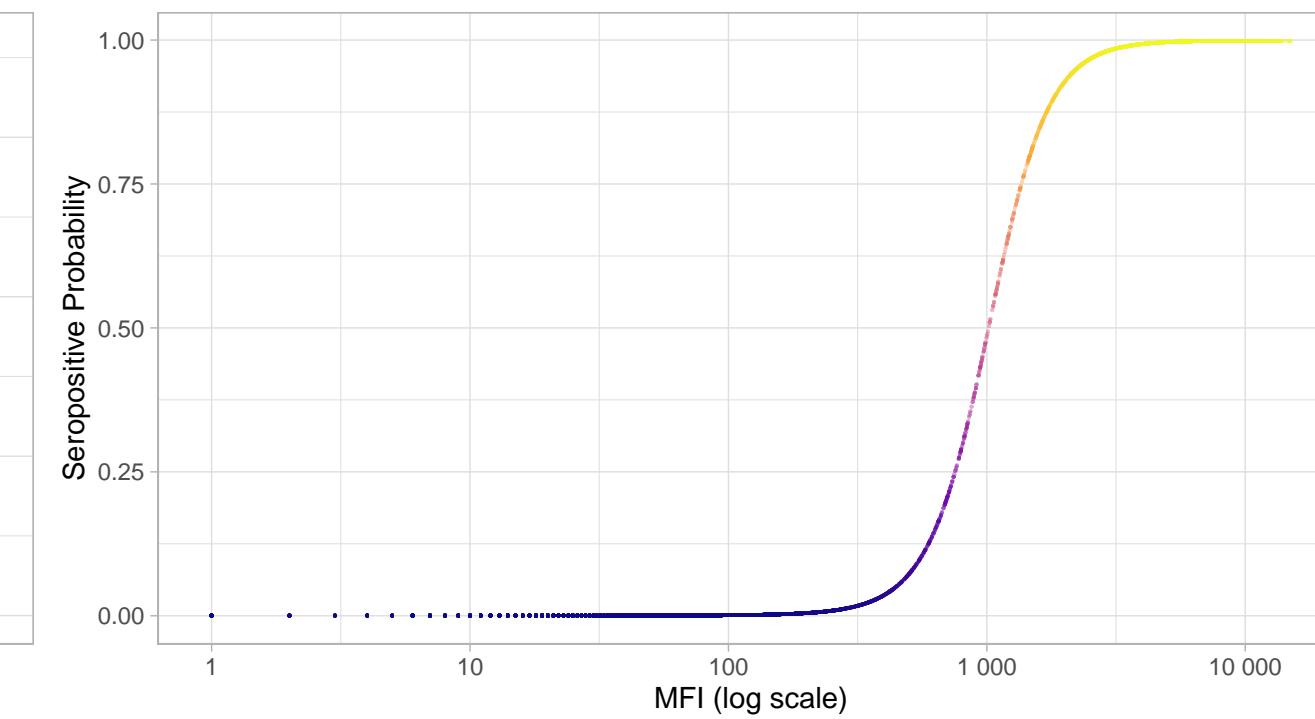
N=9424 | >0.95=4647 | <0.05=4141 | Ambig=636

Original MFI Distribution: cmv_pp52

Hard cutoff threshold = 150

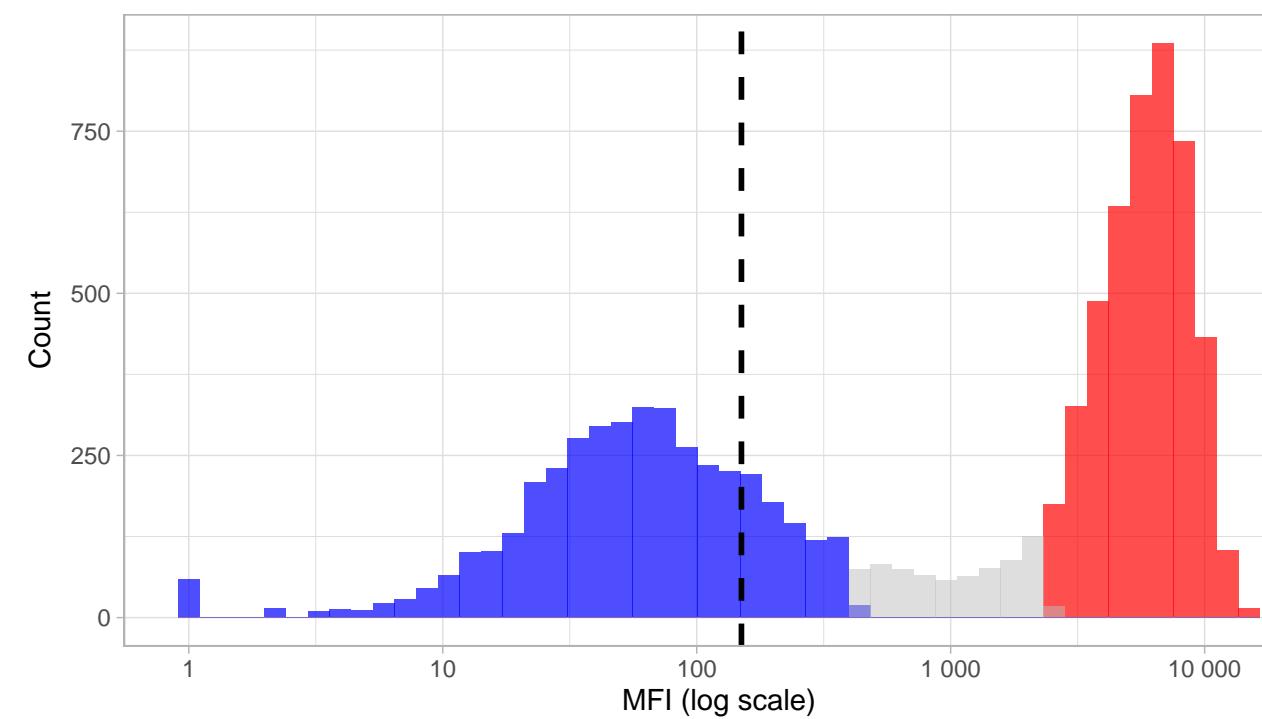


IgG vs Seropositive Probability: cmv_pp52



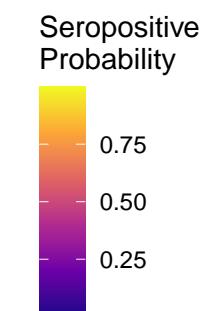
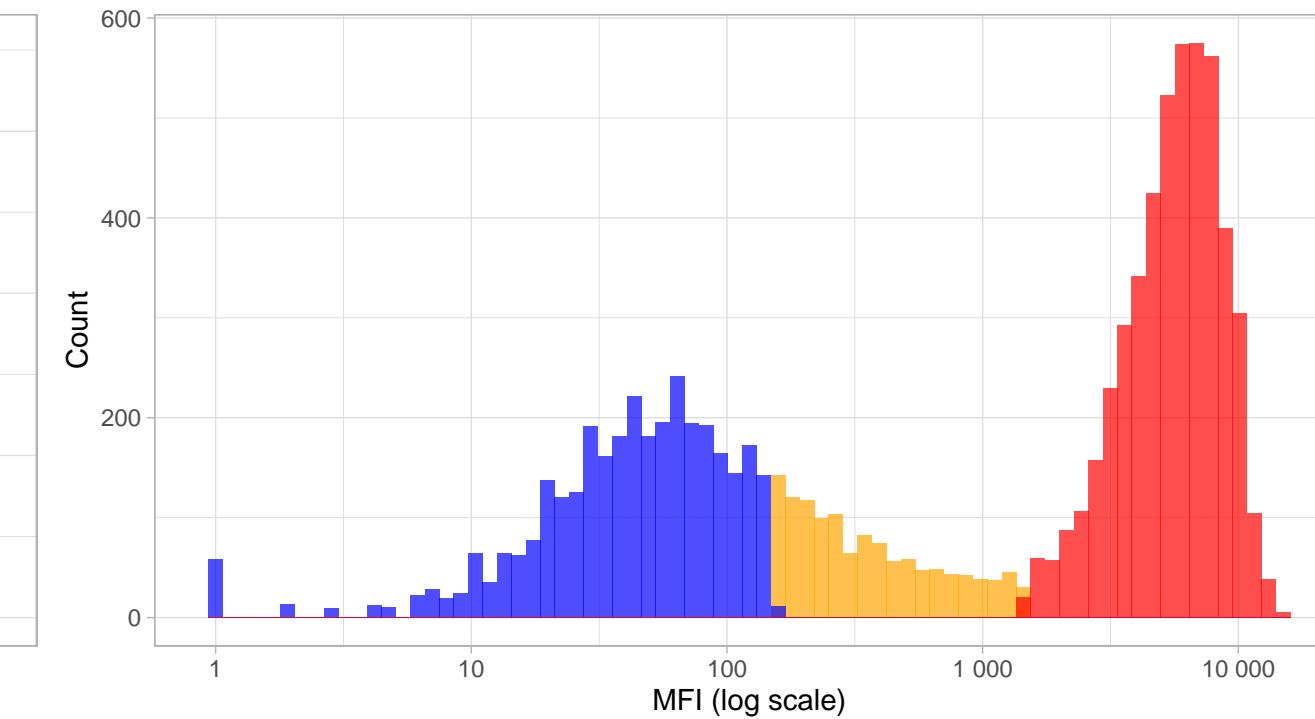
High-Confidence Seropositive Distribution: cmv_pp52

Prob threshold = 0.96



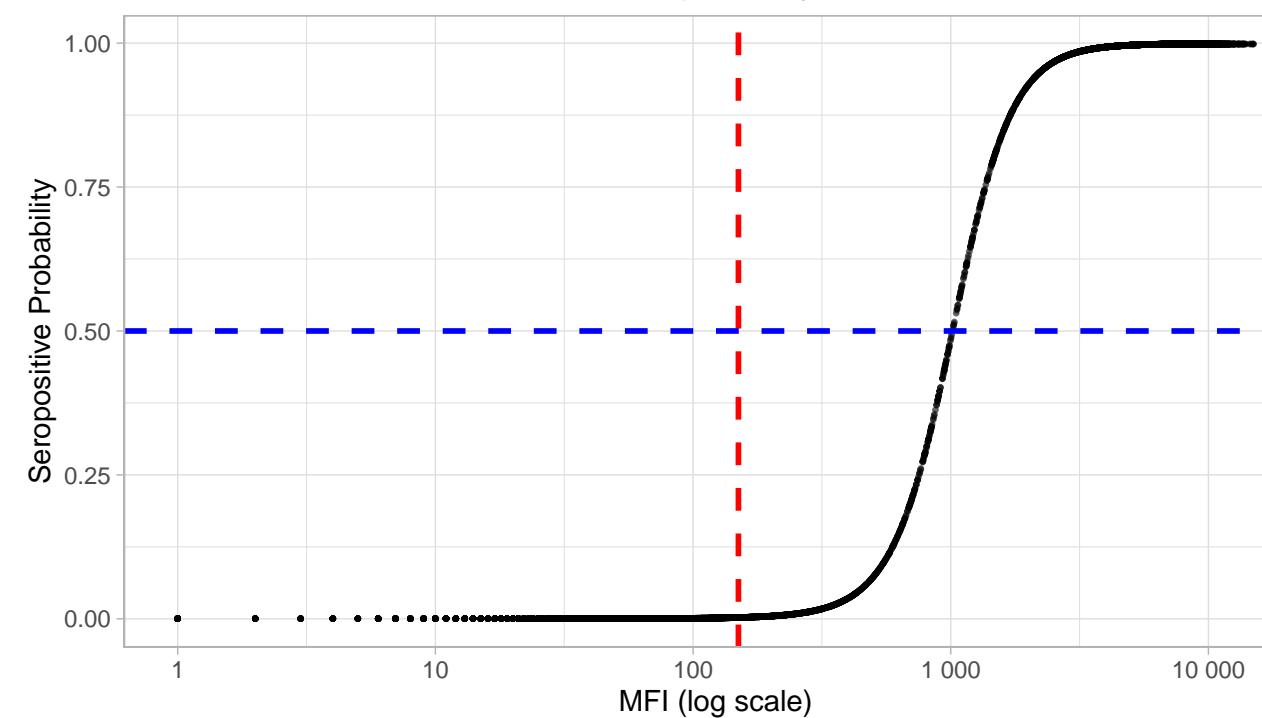
Phenotype Distribution by Classification: cmv_pp52

Comparing hard vs soft classifications



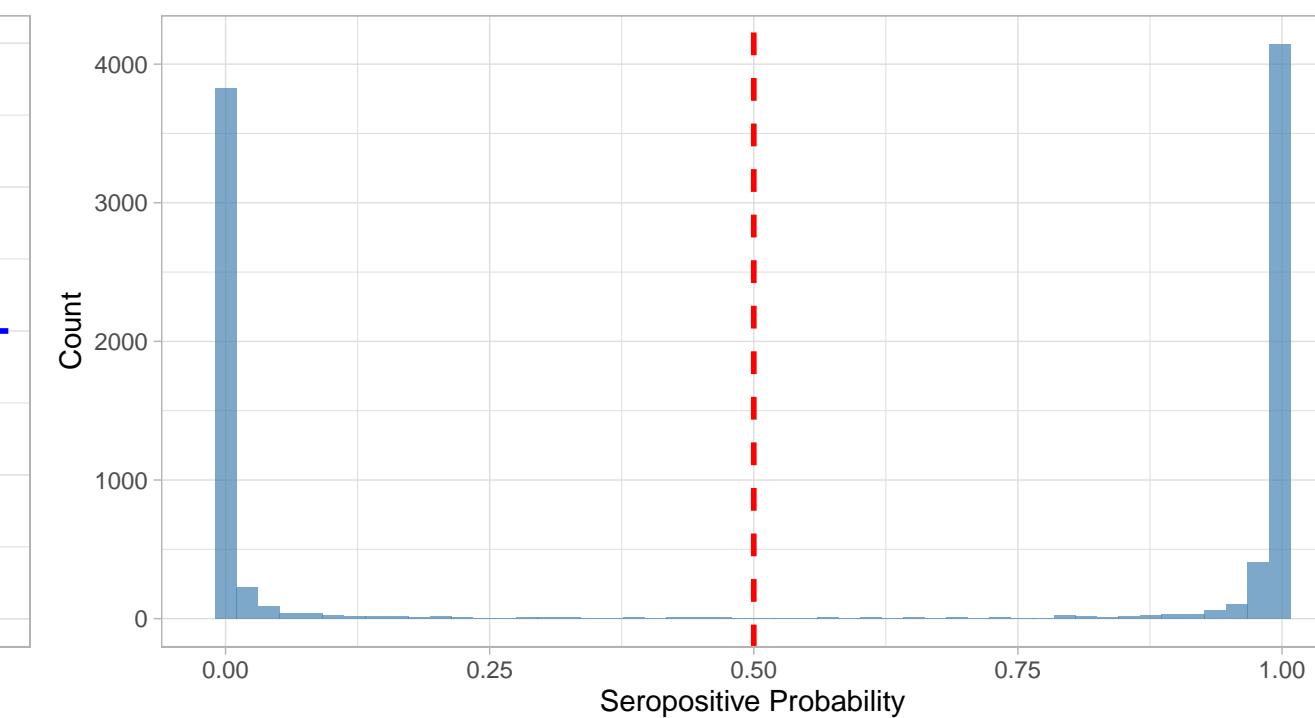
IgG Level vs Seropositive Probability: cmv_pp52

Red line = hard threshold, Blue line = 50% probability



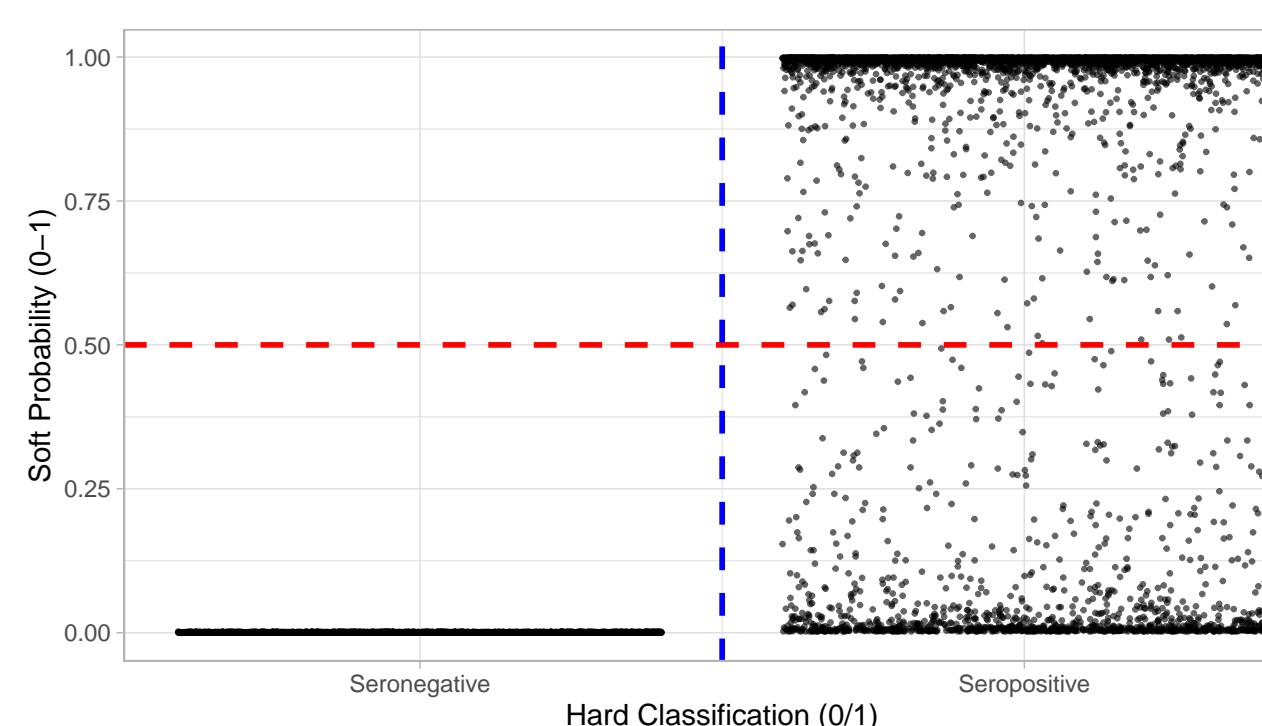
Distribution of Seropositive Probabilities: cmv_pp52

Red line = 50% threshold



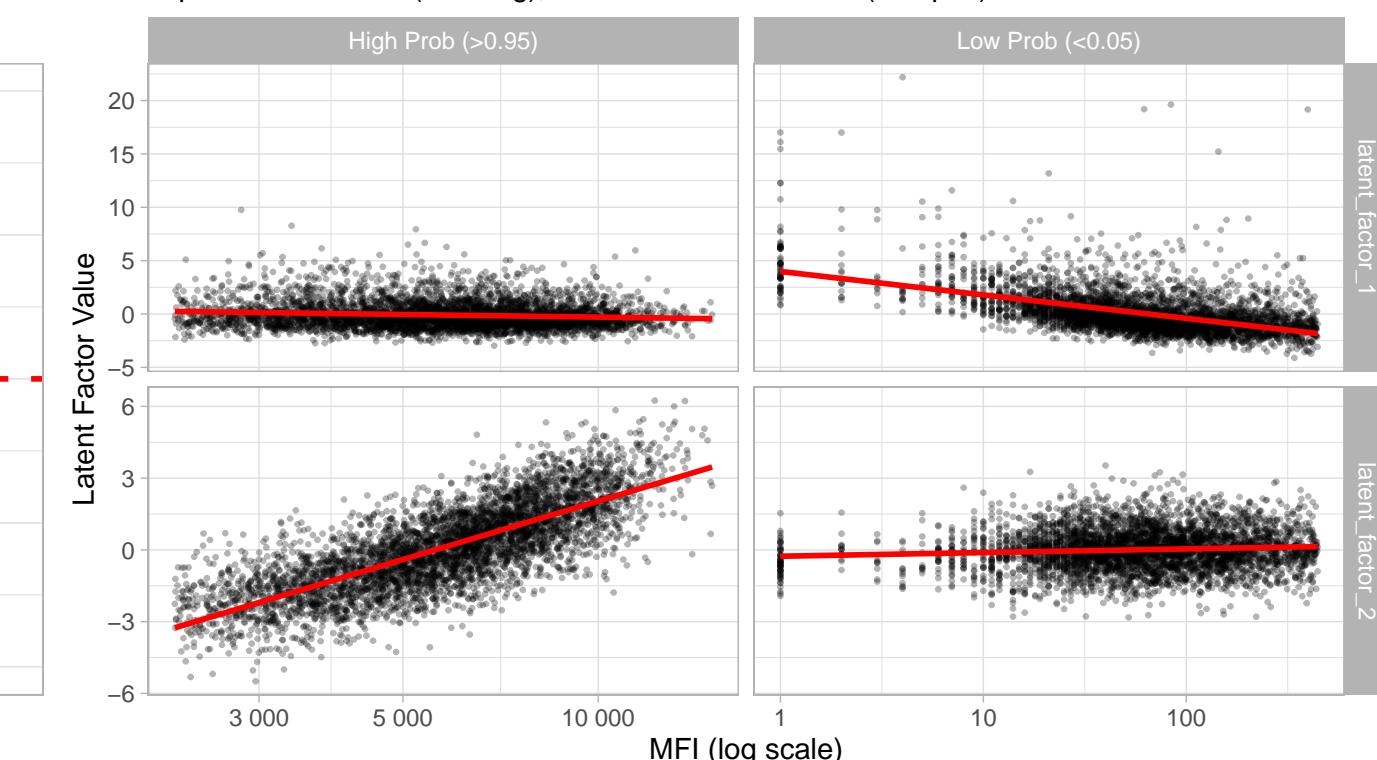
Hard vs Soft Classification: cmv_pp52

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: cmv_pp52

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

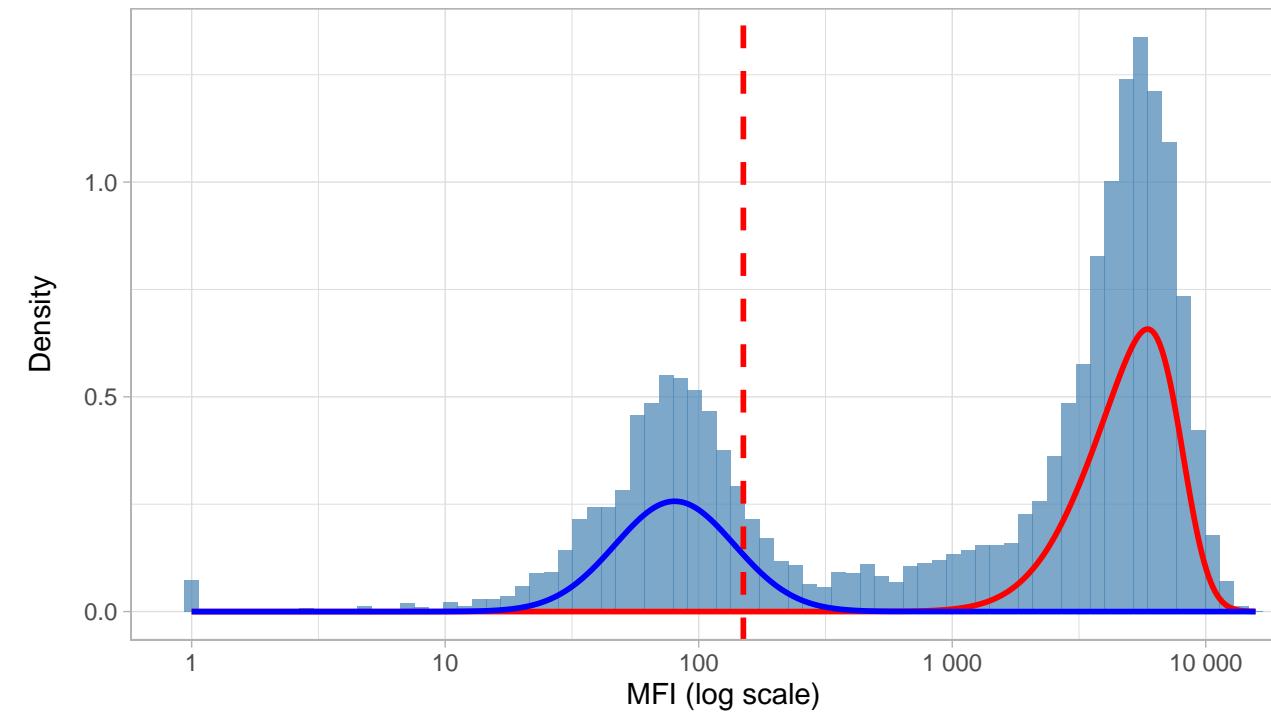


Diagnostics: hsv1

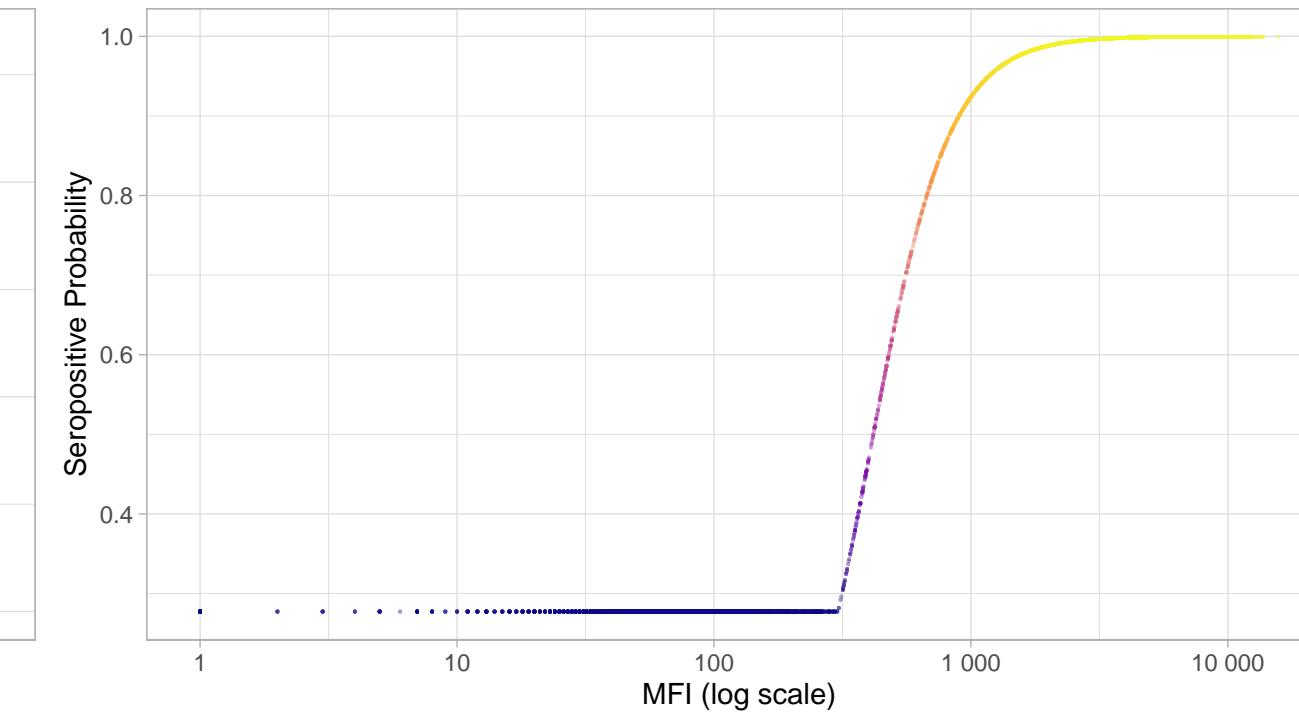
N=9424 | >0.95=5650 | <0.05=0 | Ambig=3774

Original MFI Distribution: hsv1

Hard cutoff threshold = 150

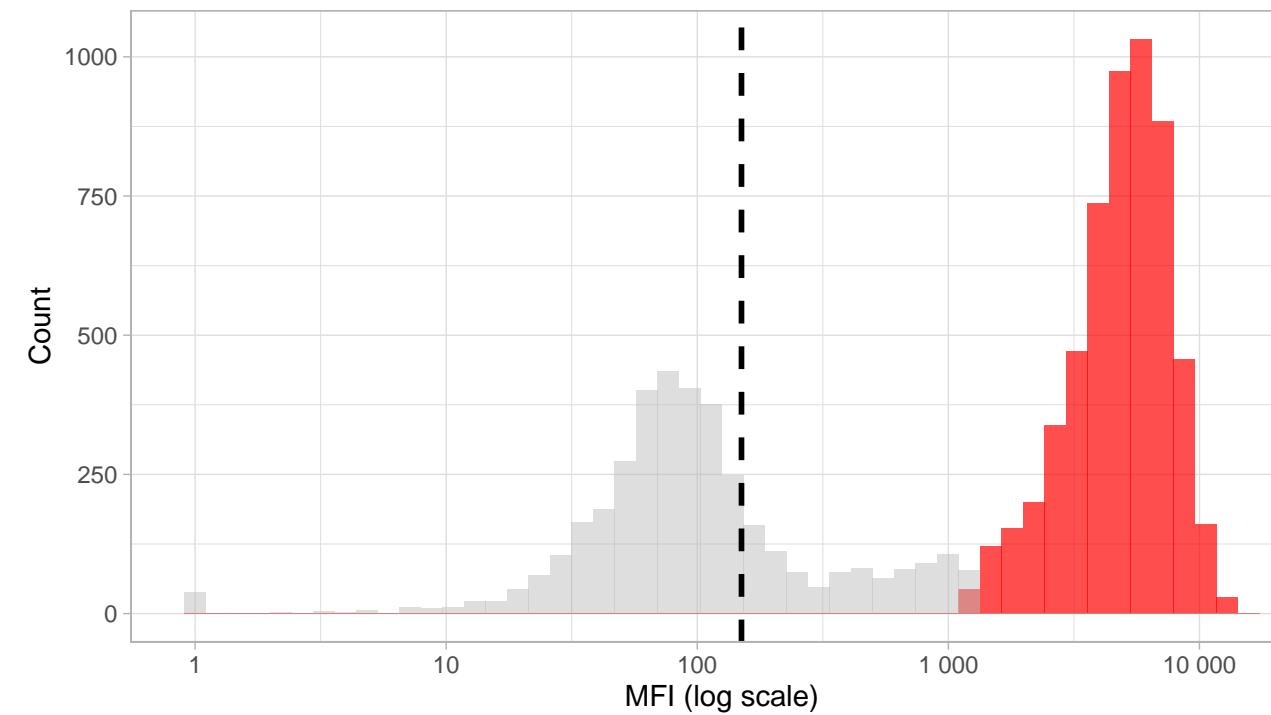


IgG vs Seropositive Probability: hsv1



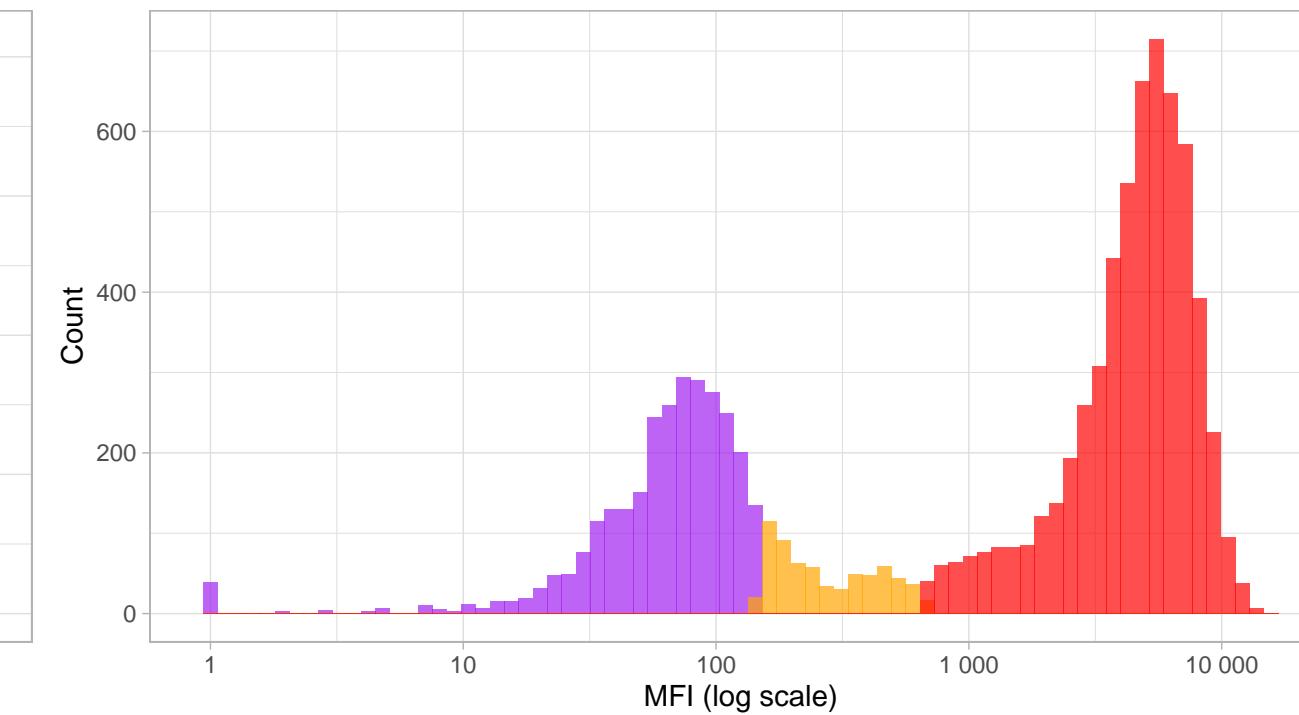
High-Confidence Seropositive Distribution: hsv1

Prob threshold = 0.96



Phenotype Distribution by Classification: hsv1

Comparing hard vs soft classifications



Seropositive Probability

0.8

0.6

0.4

0.2

0.0

Classification

Ambiguous

High-conf Seropositive

Classification

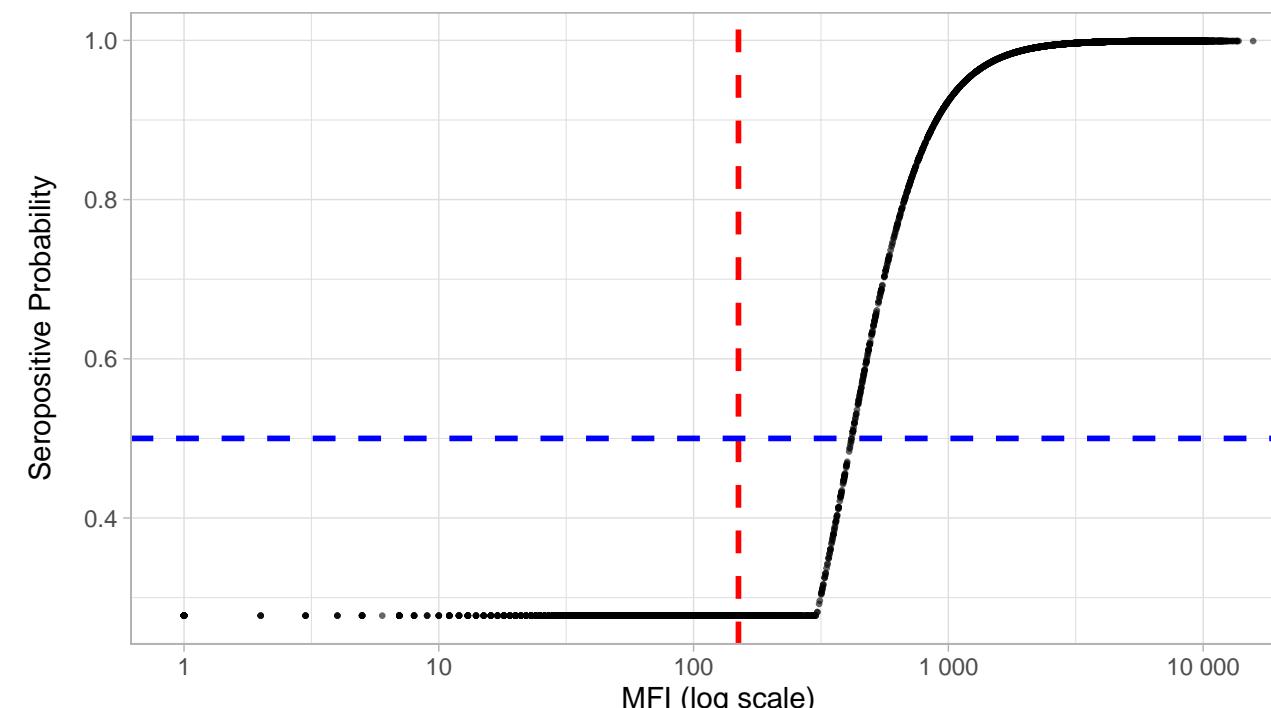
Hard Negative, Soft High

Hard Positive, Soft Low

Hard+Soft Positive

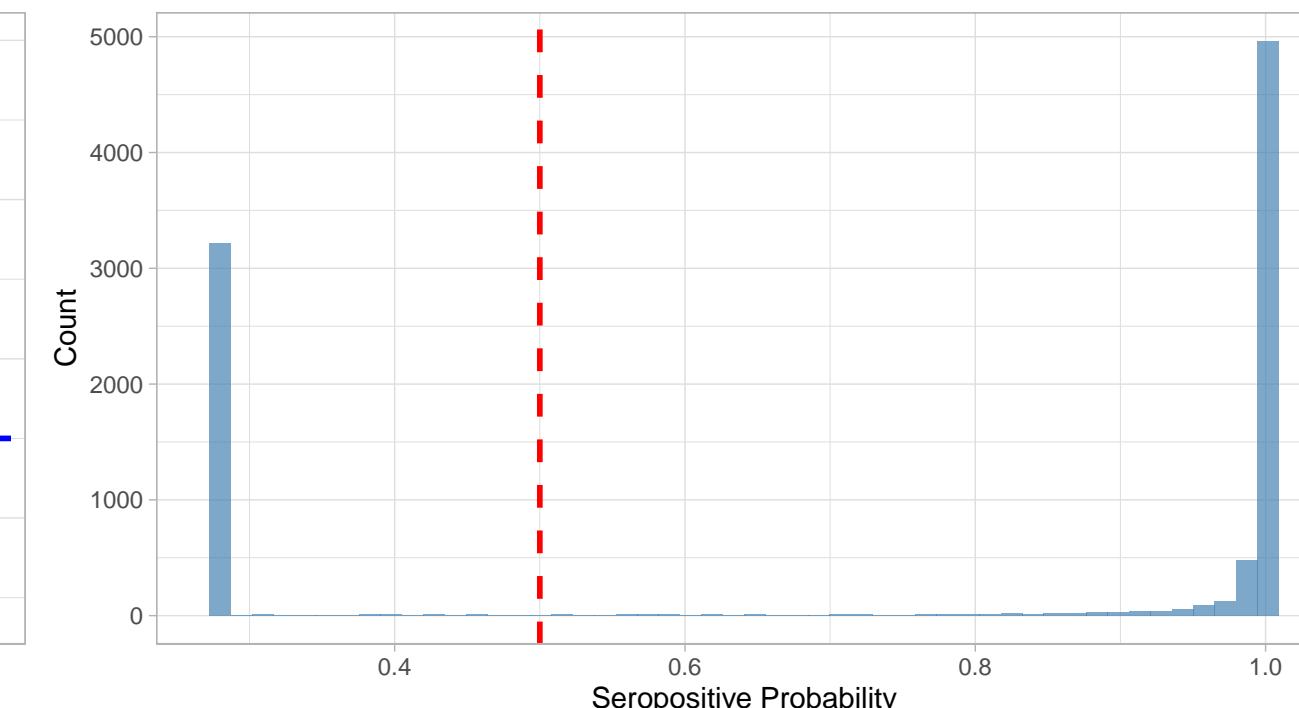
IgG Level vs Seropositive Probability: hsv1

Red line = hard threshold, Blue line = 50% probability



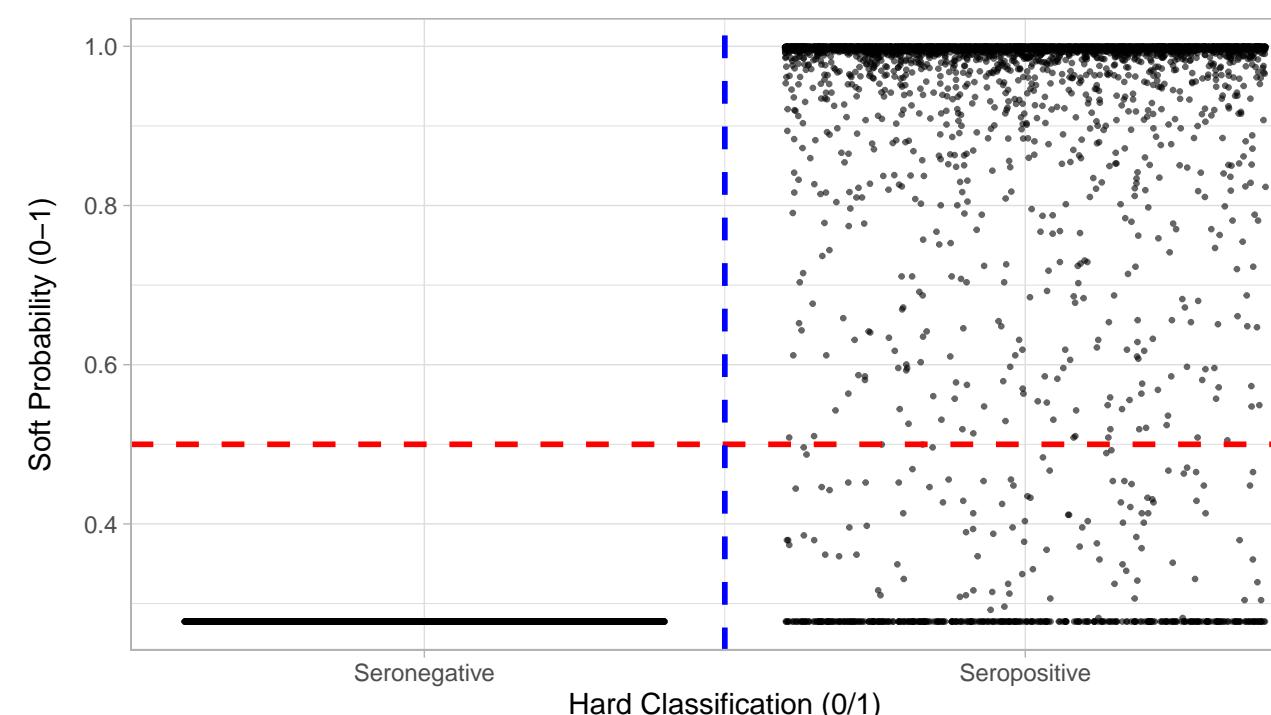
Distribution of Seropositive Probabilities: hsv1

Red line = 50% threshold



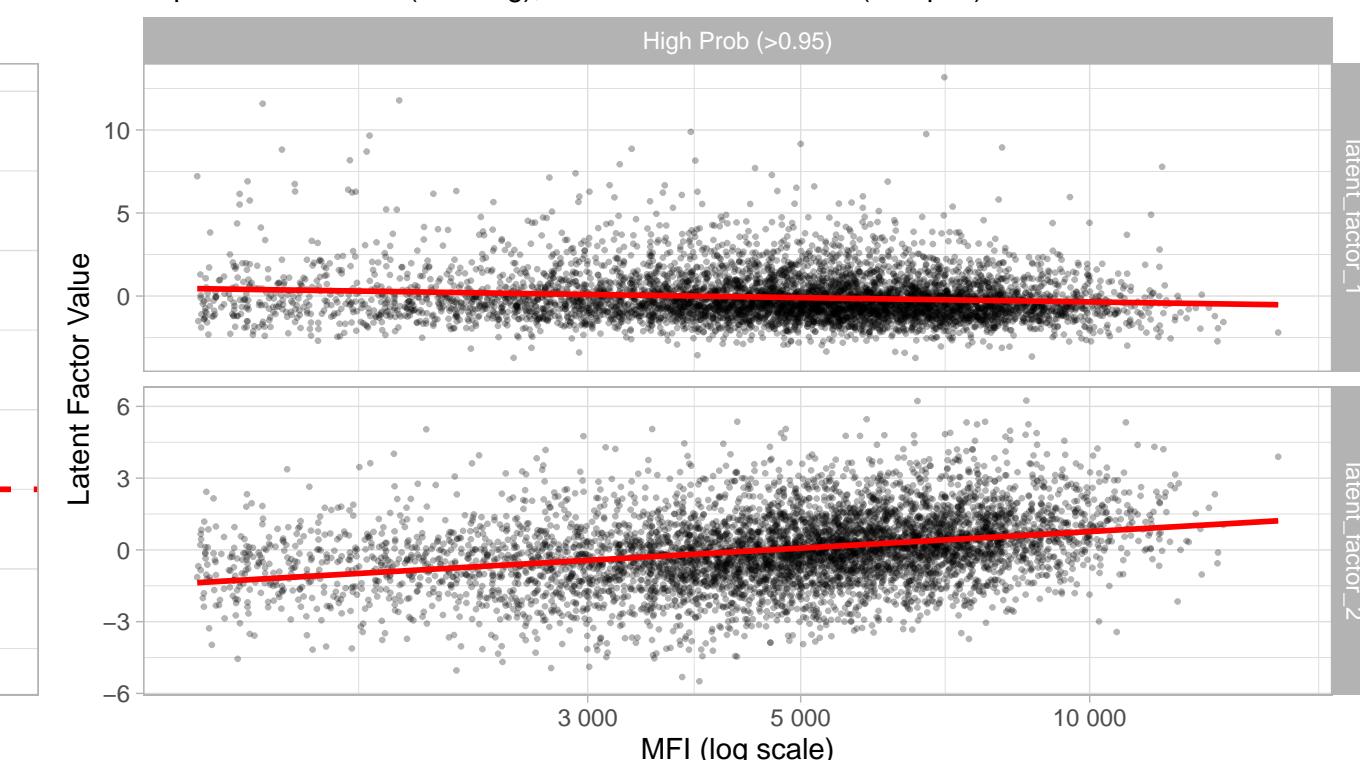
Hard vs Soft Classification: hsv1

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hsv1

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

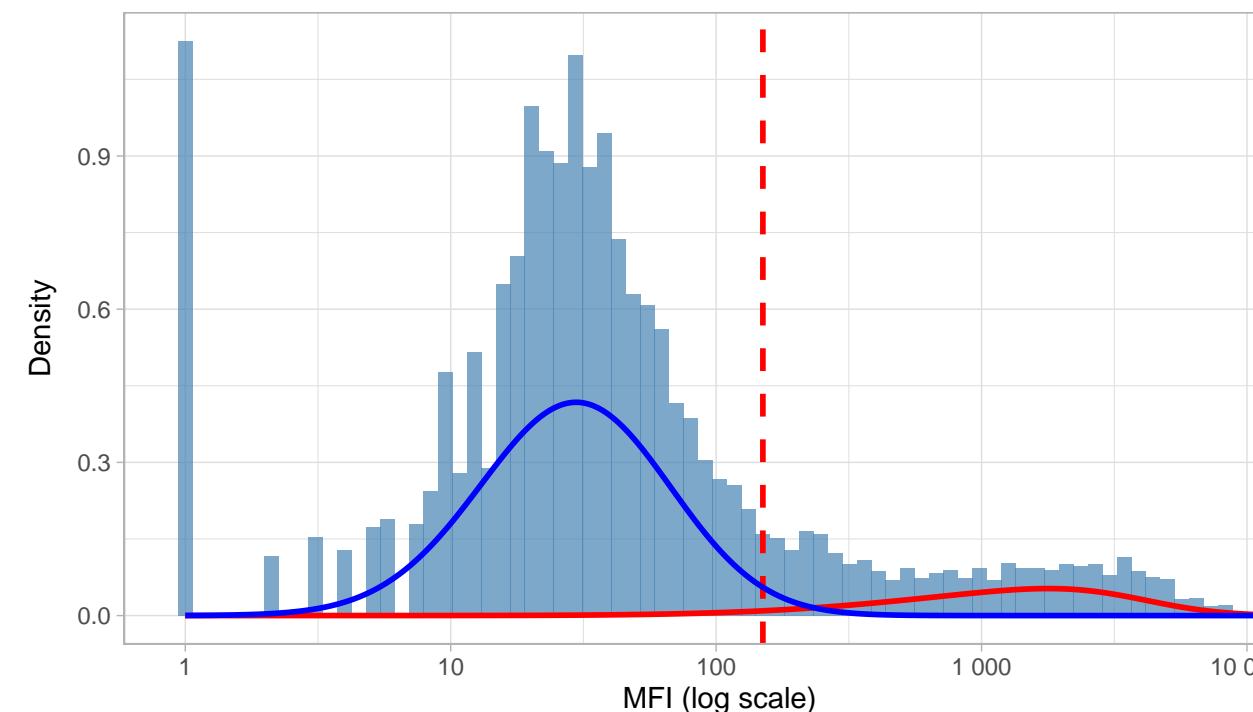


Diagnostics: hsv2

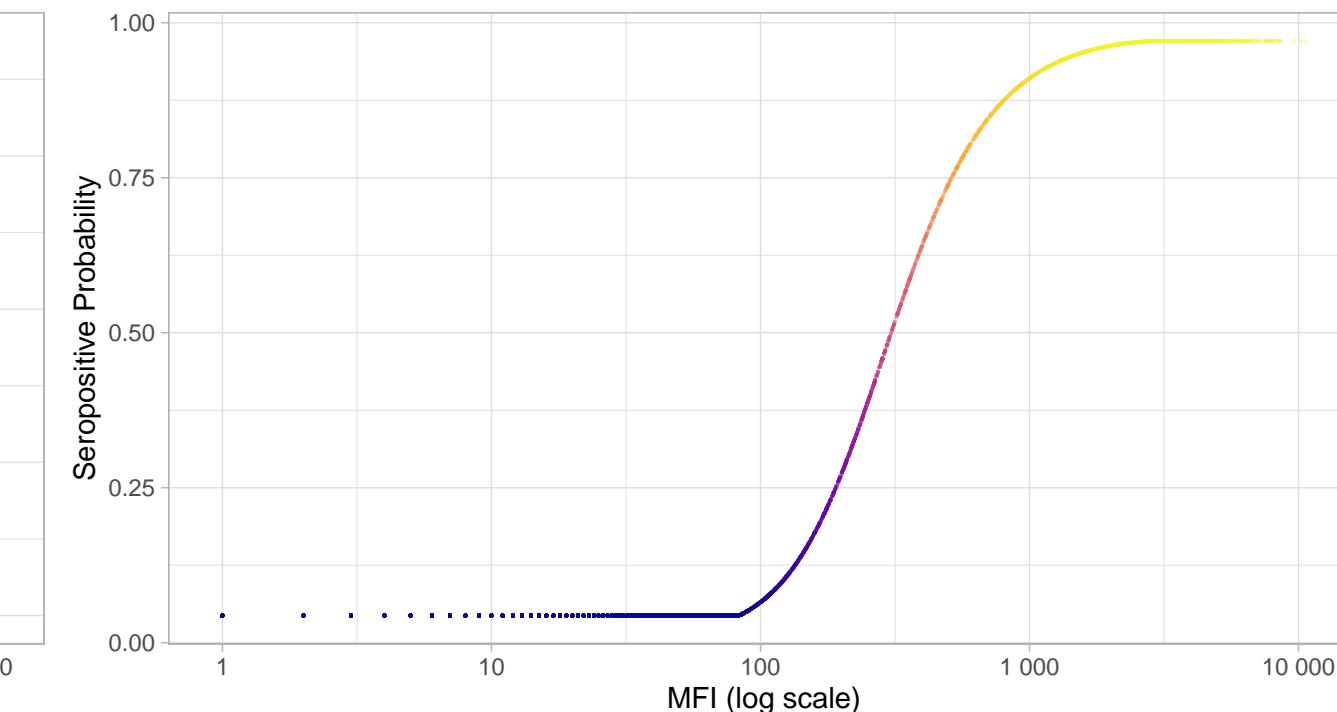
N=9424 | >0.95=528 | <0.05=7378 | Ambig=1518

Original MFI Distribution: hsv2

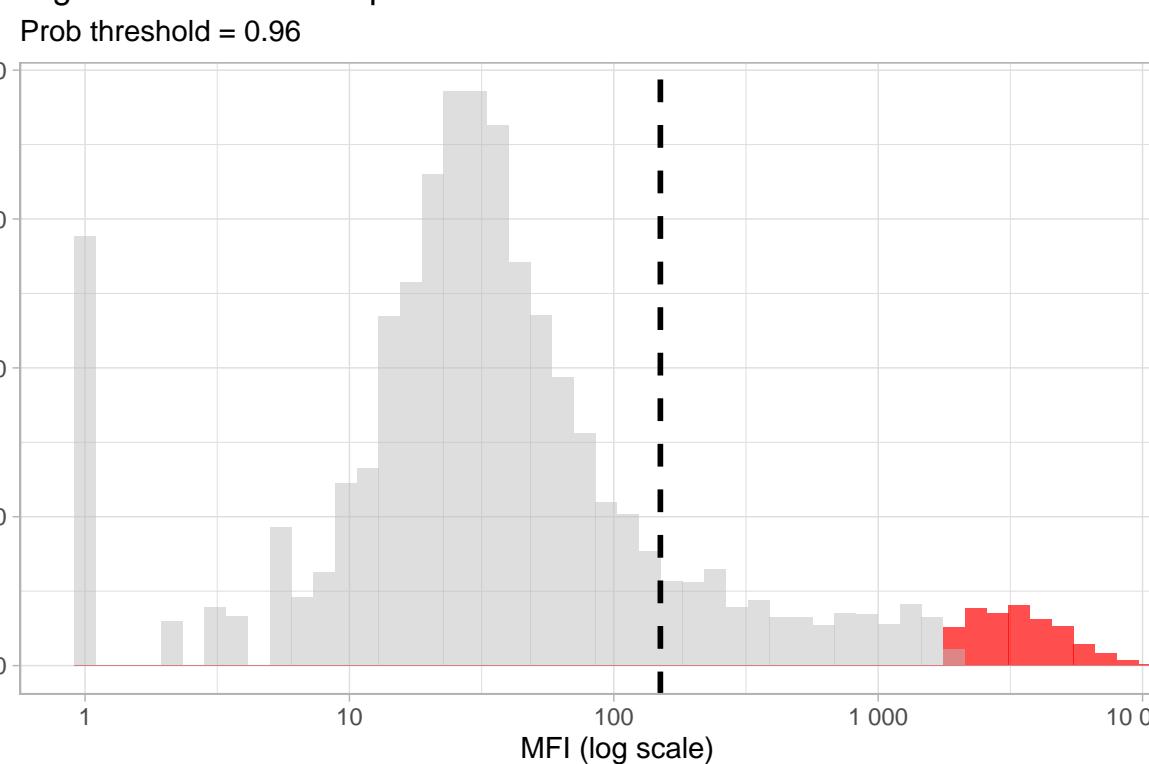
Hard cutoff threshold = 150



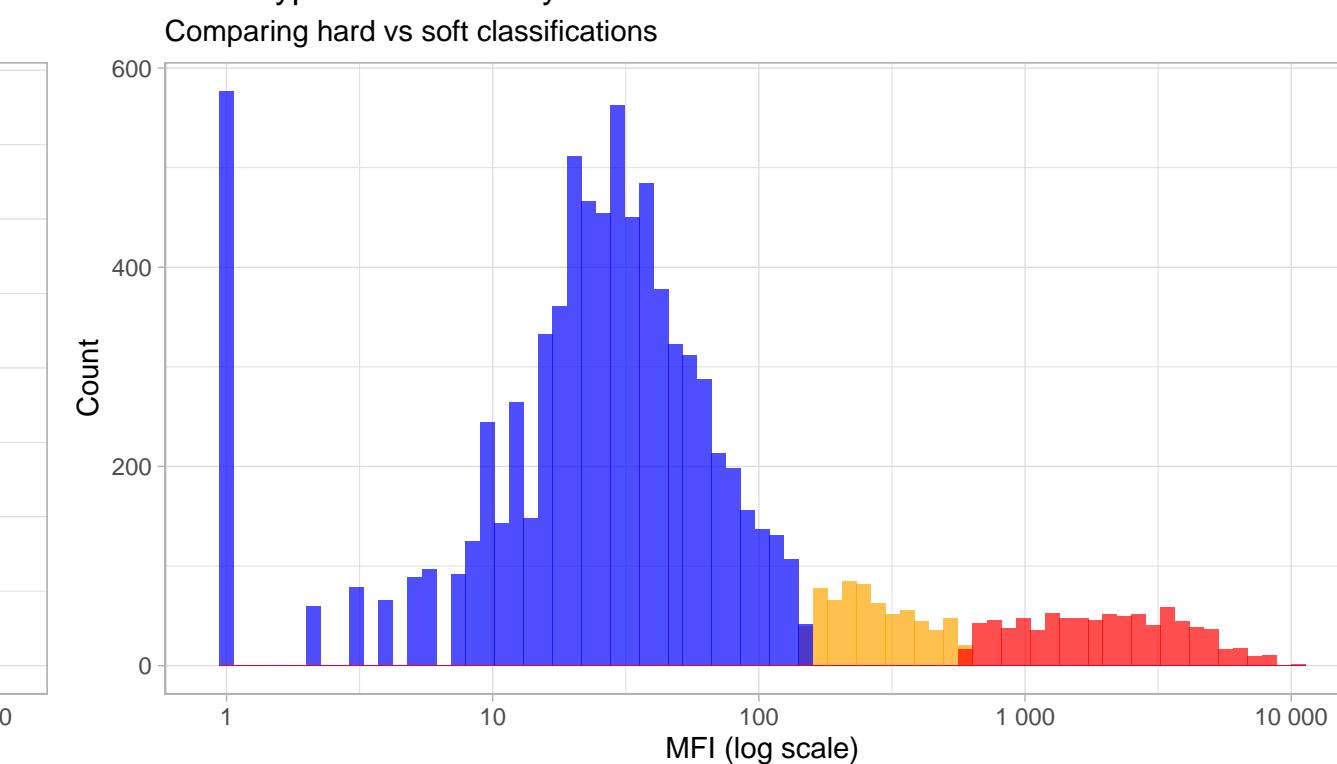
IgG vs Seropositive Probability: hsv2



High-Confidence Seropositive Distribution: hsv2

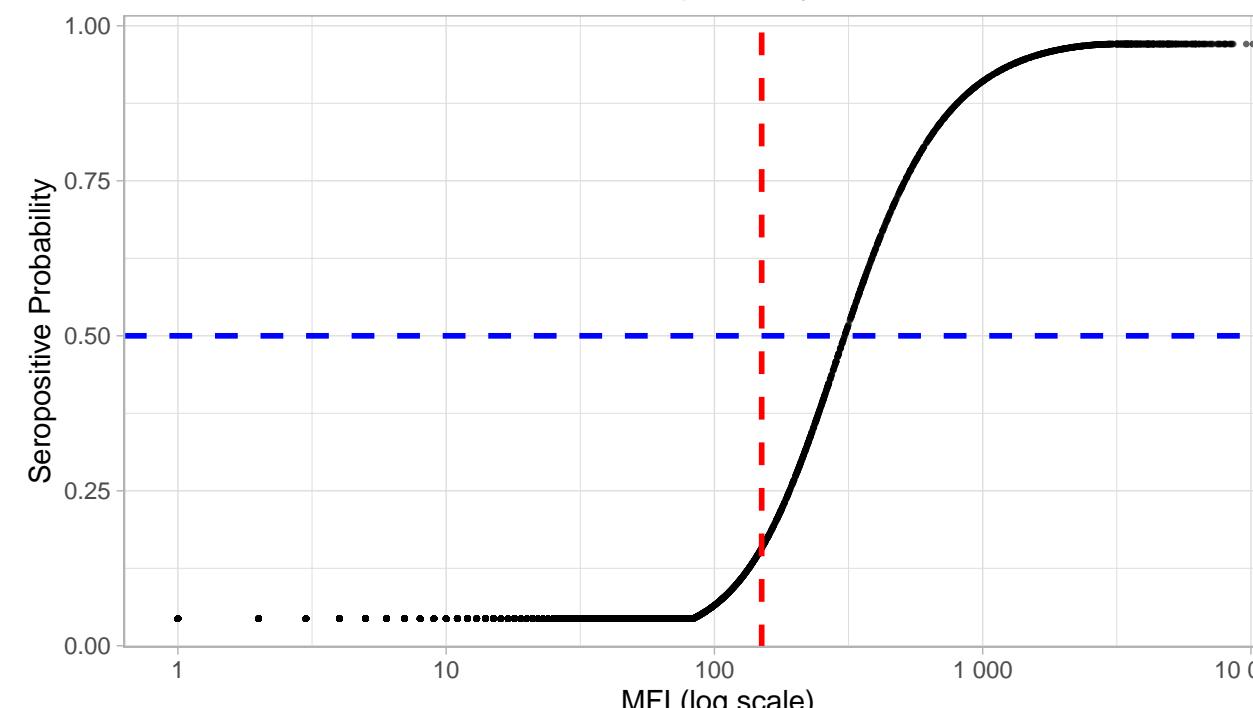


Phenotype Distribution by Classification: hsv2



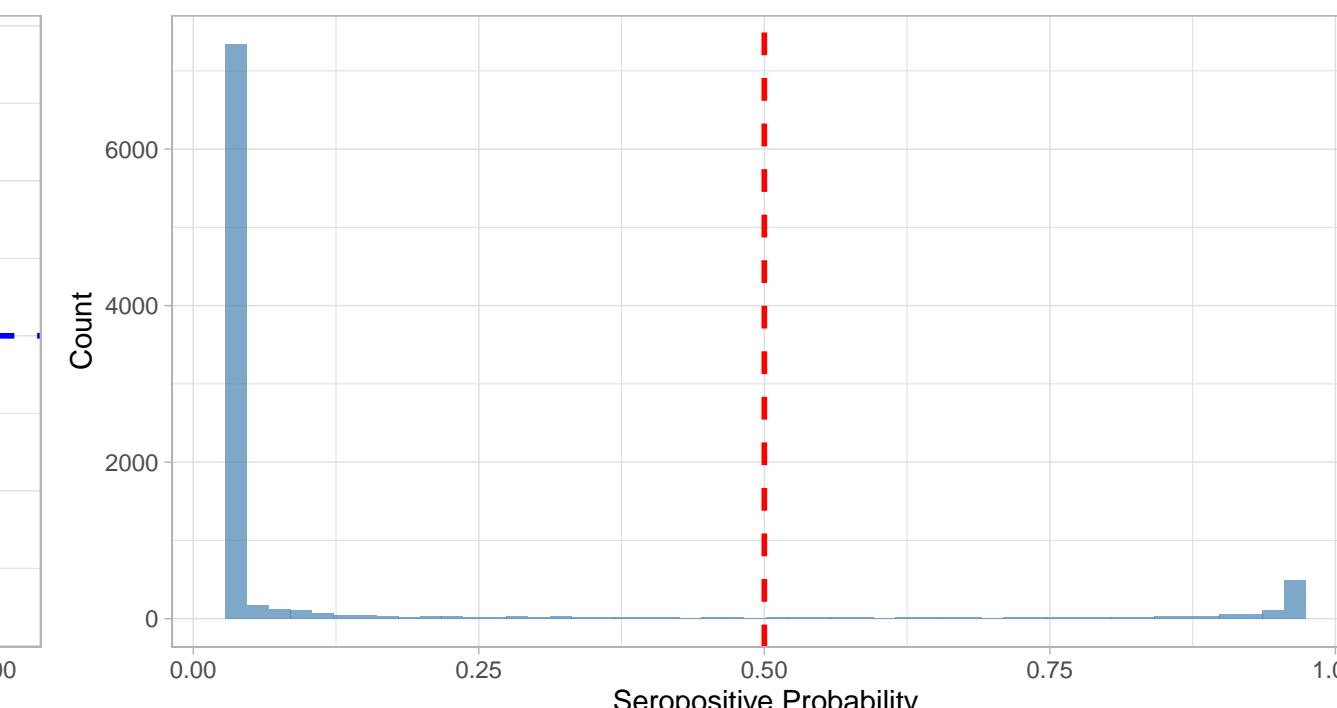
IgG Level vs Seropositive Probability: hsv2

Red line = hard threshold, Blue line = 50% probability



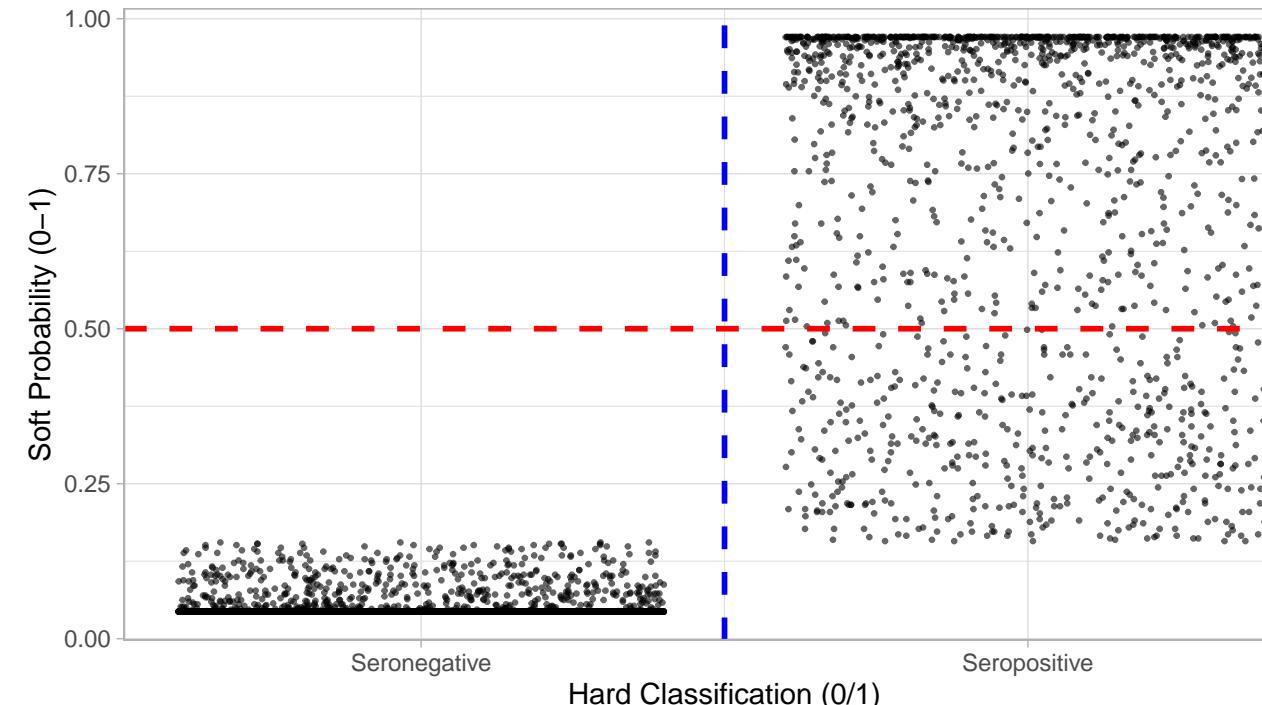
Distribution of Seropositive Probabilities: hsv2

Red line = 50% threshold



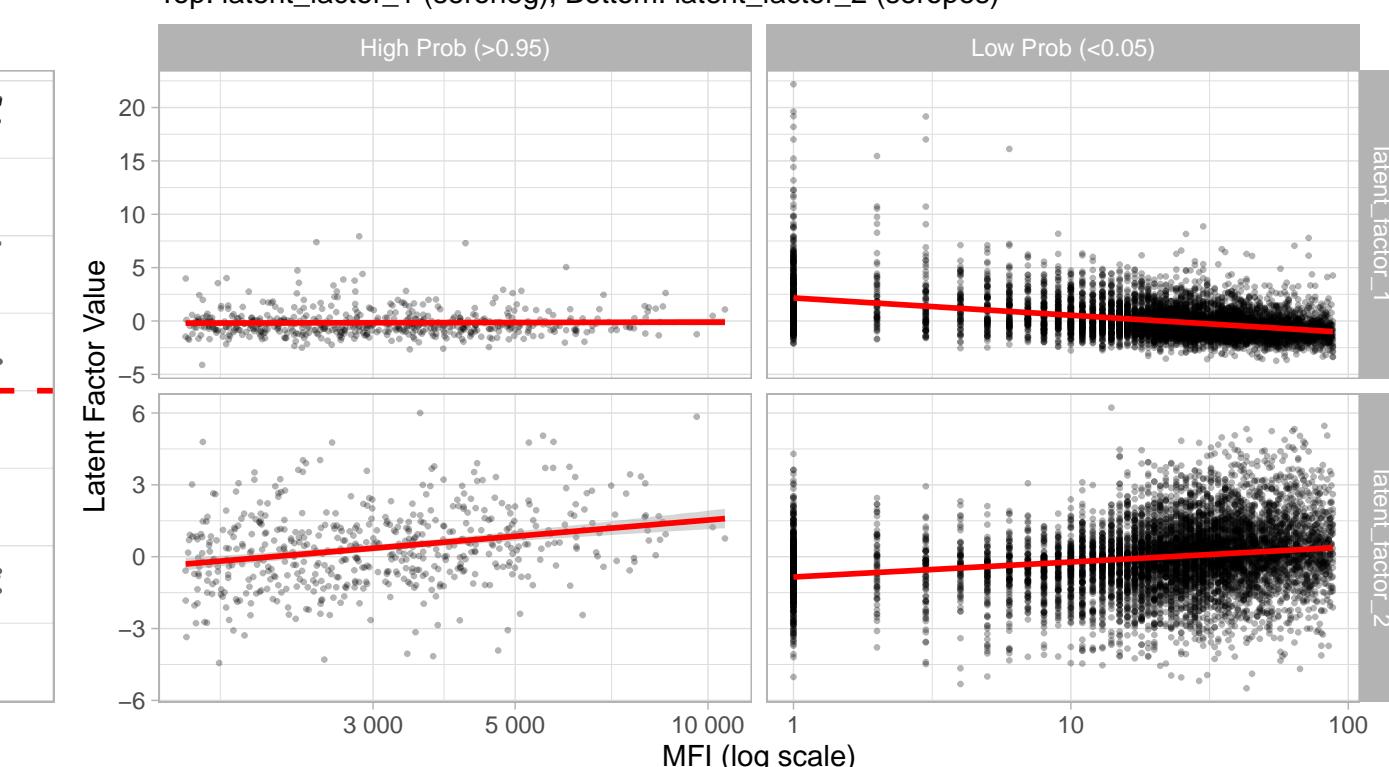
Hard vs Soft Classification: hsv2

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hsv2

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

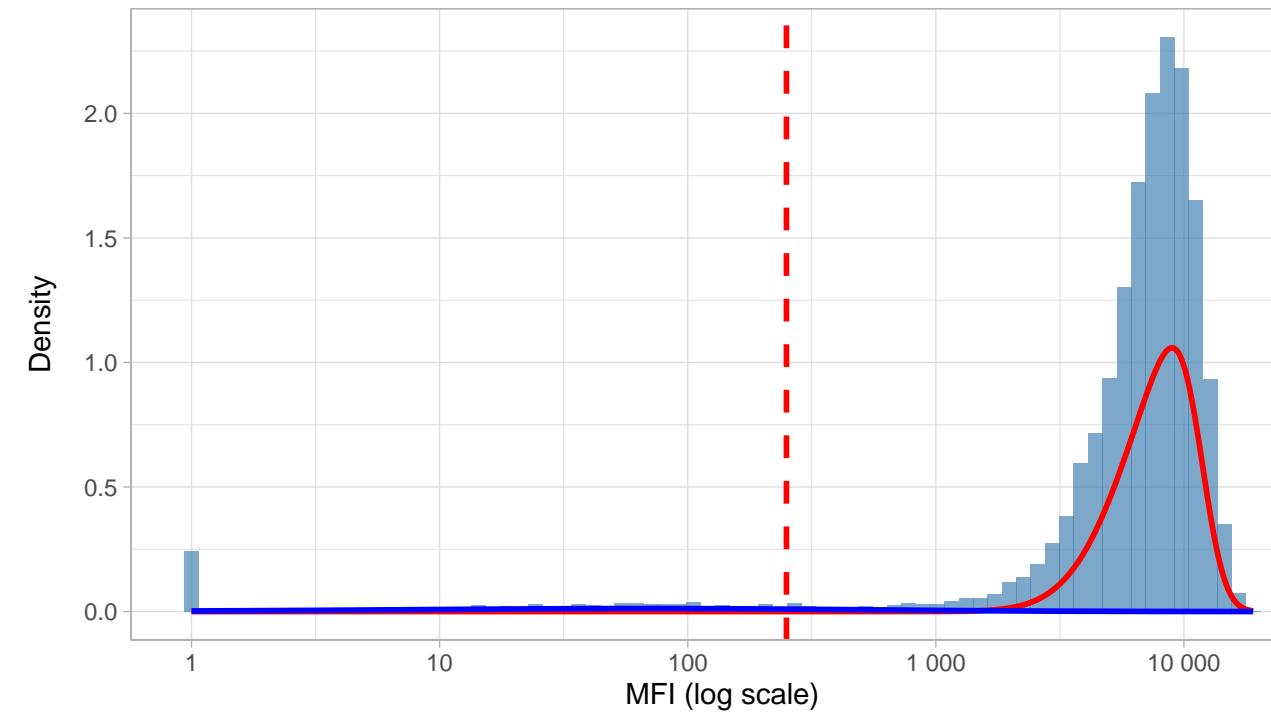


Diagnostics: ebv_vca

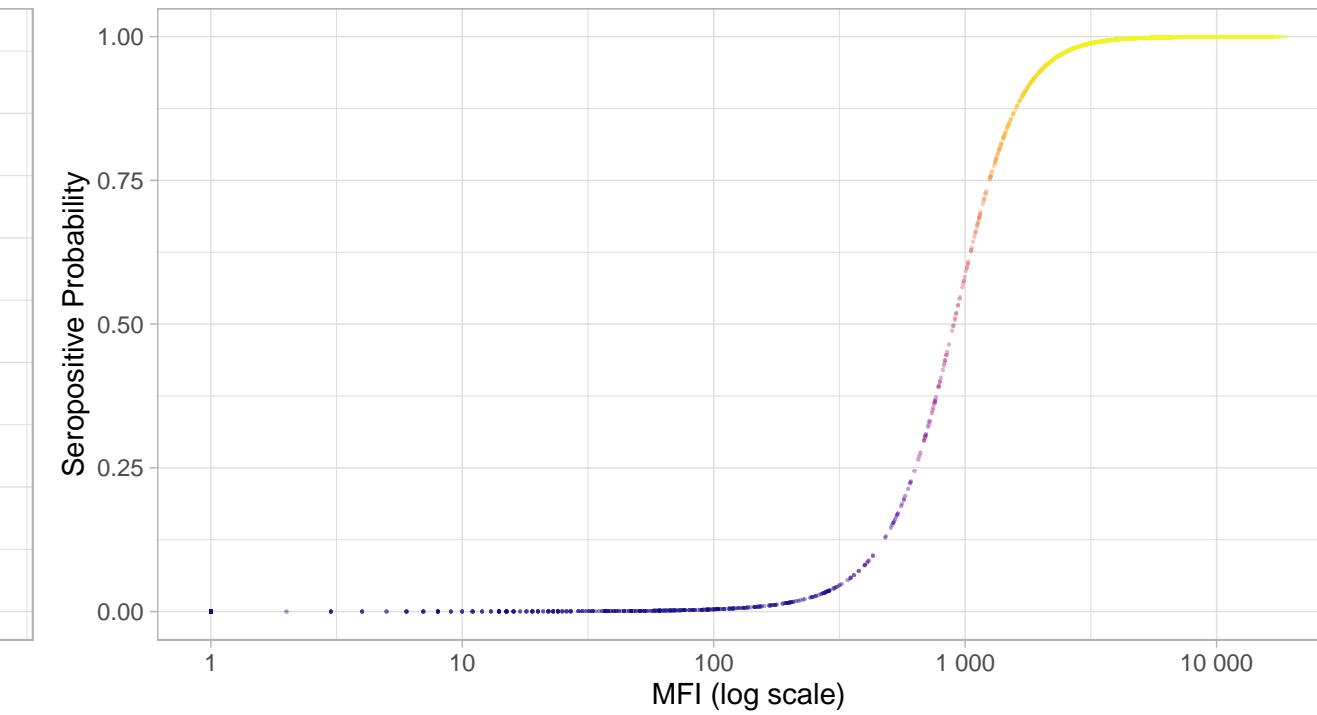
N=9424 | >0.95=8641 | <0.05=502 | Ambig=281

Original MFI Distribution: ebv_vca

Hard cutoff threshold = 250

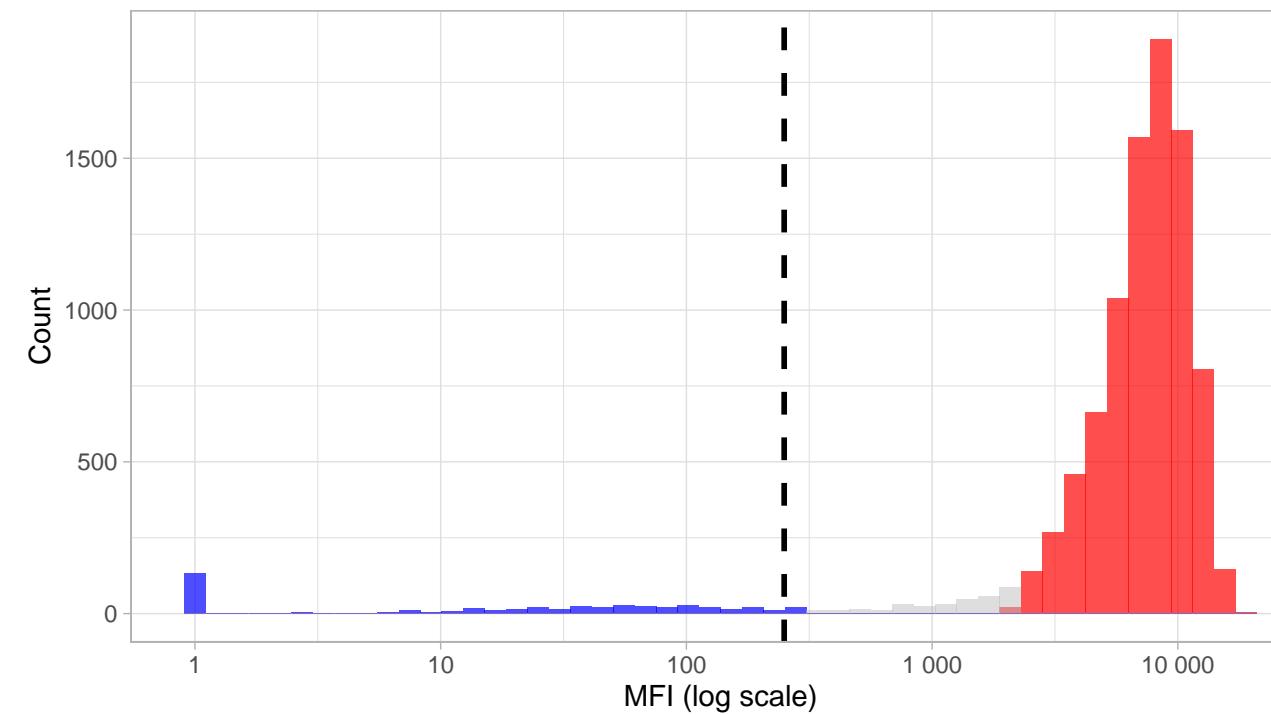


IgG vs Seropositive Probability: ebv_vca



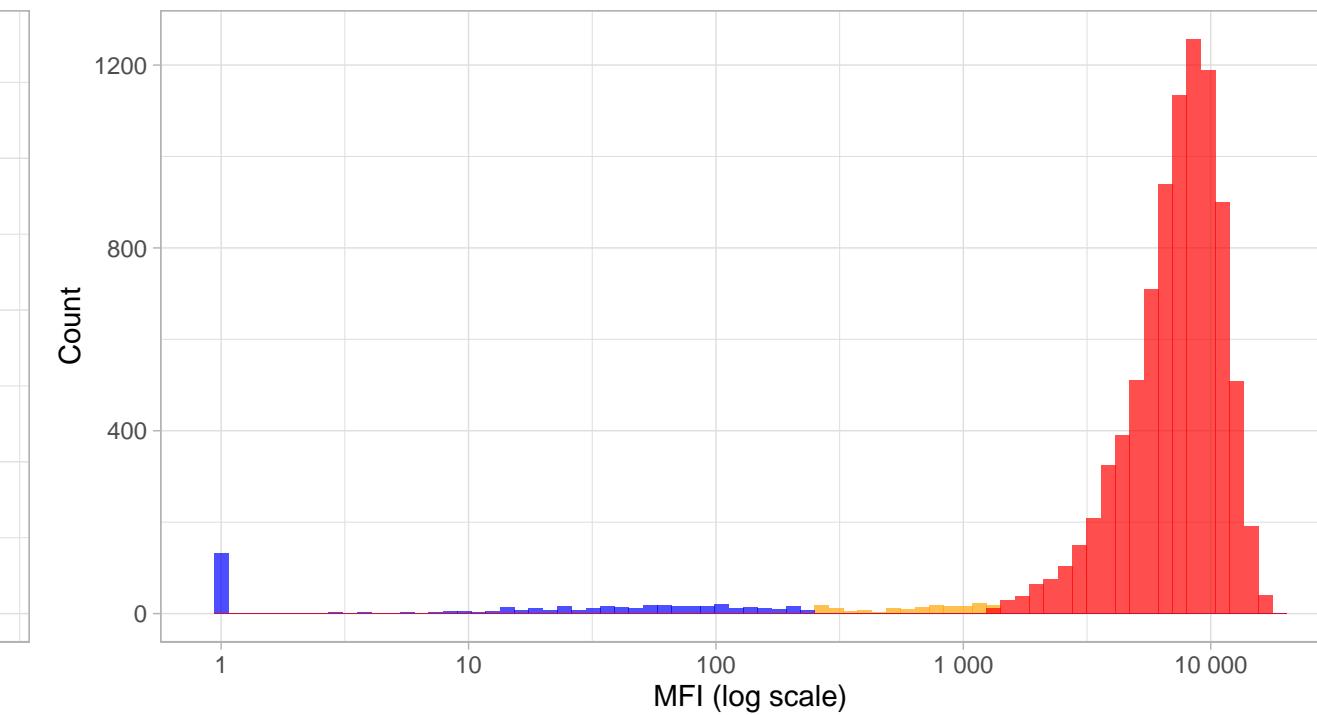
High-Confidence Seropositive Distribution: ebv_vca

Prob threshold = 0.96



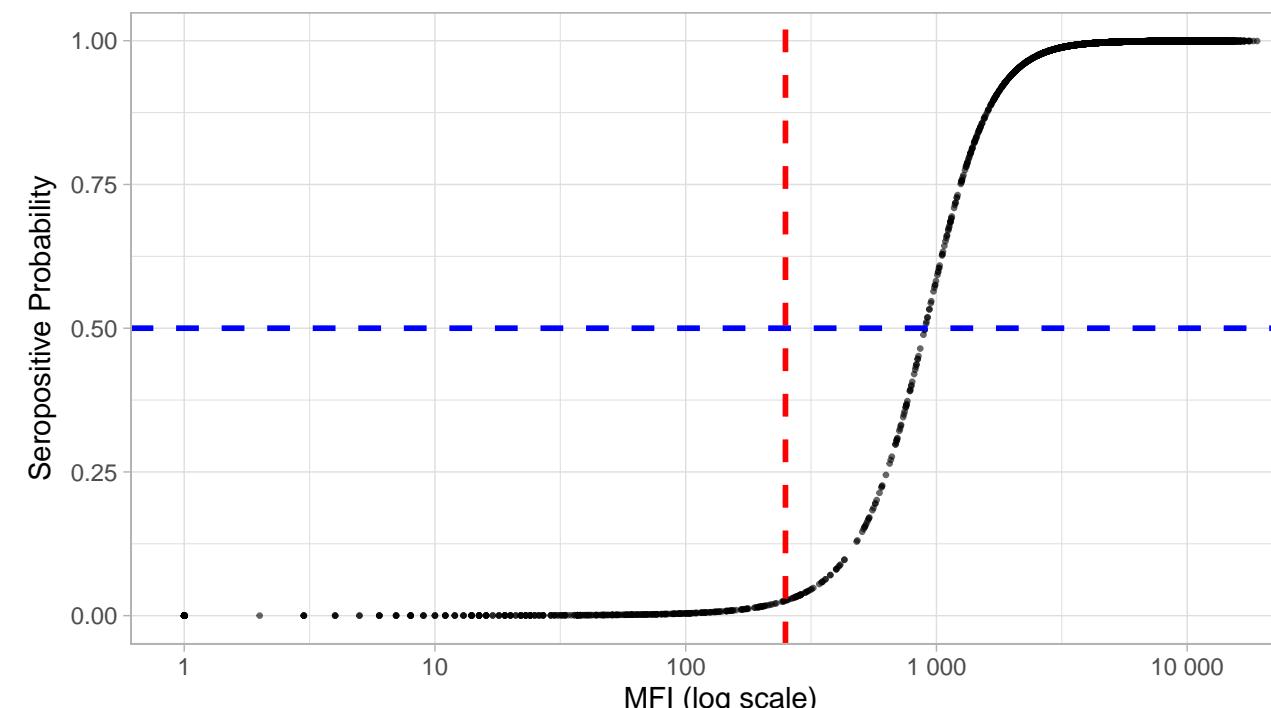
Phenotype Distribution by Classification: ebv_vca

Comparing hard vs soft classifications



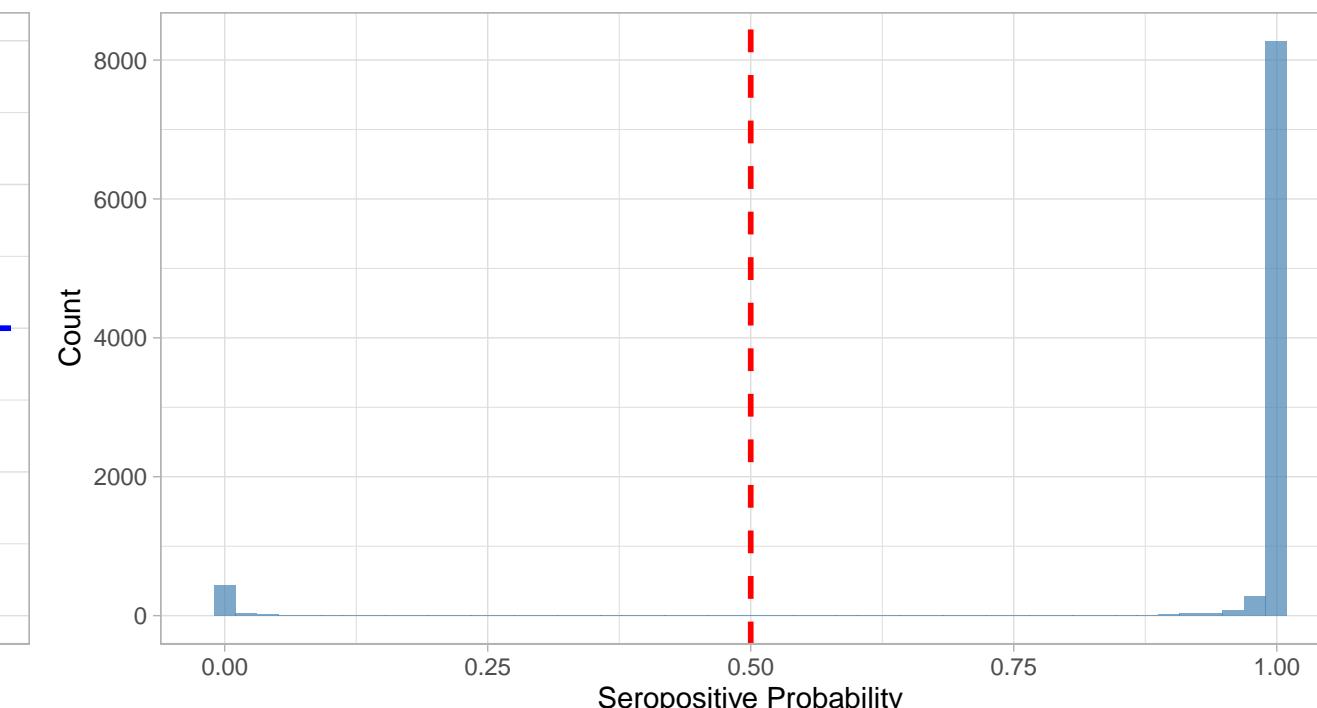
IgG Level vs Seropositive Probability: ebv_vca

Red line = hard threshold, Blue line = 50% probability



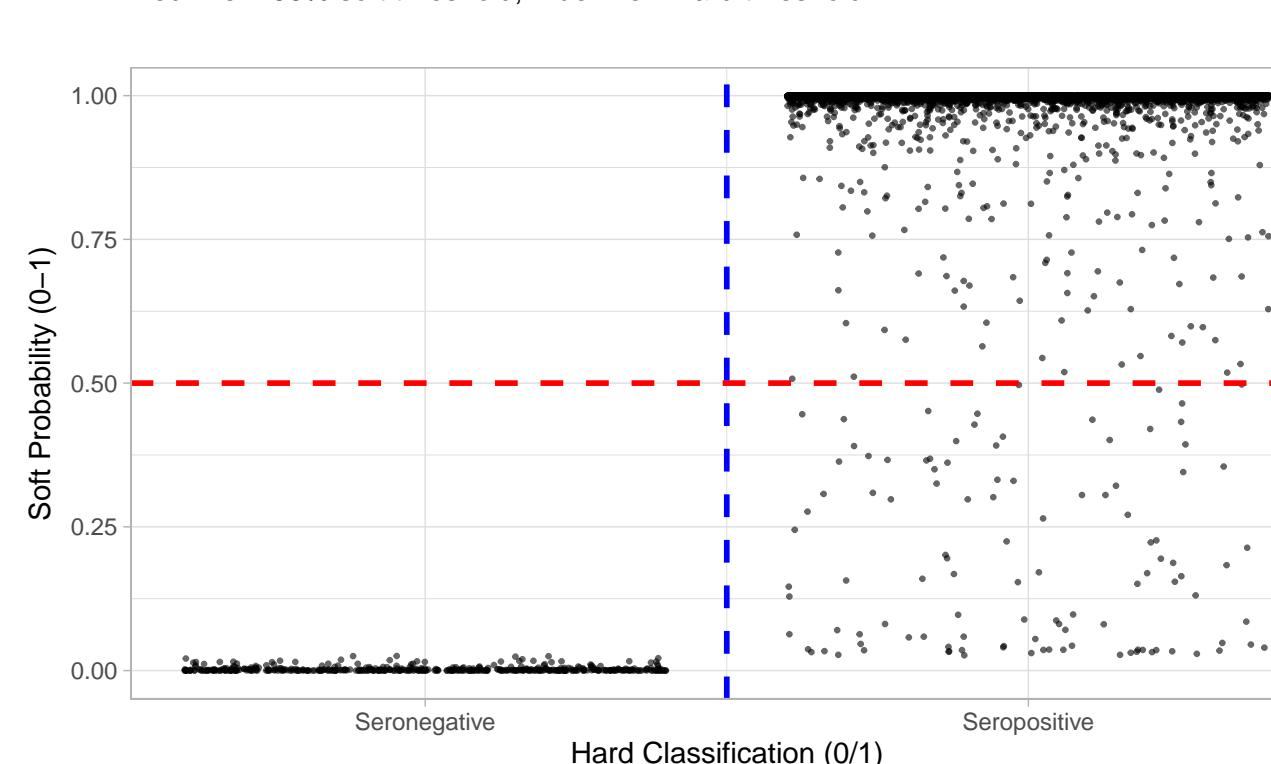
Distribution of Seropositive Probabilities: ebv_vca

Red line = 50% threshold



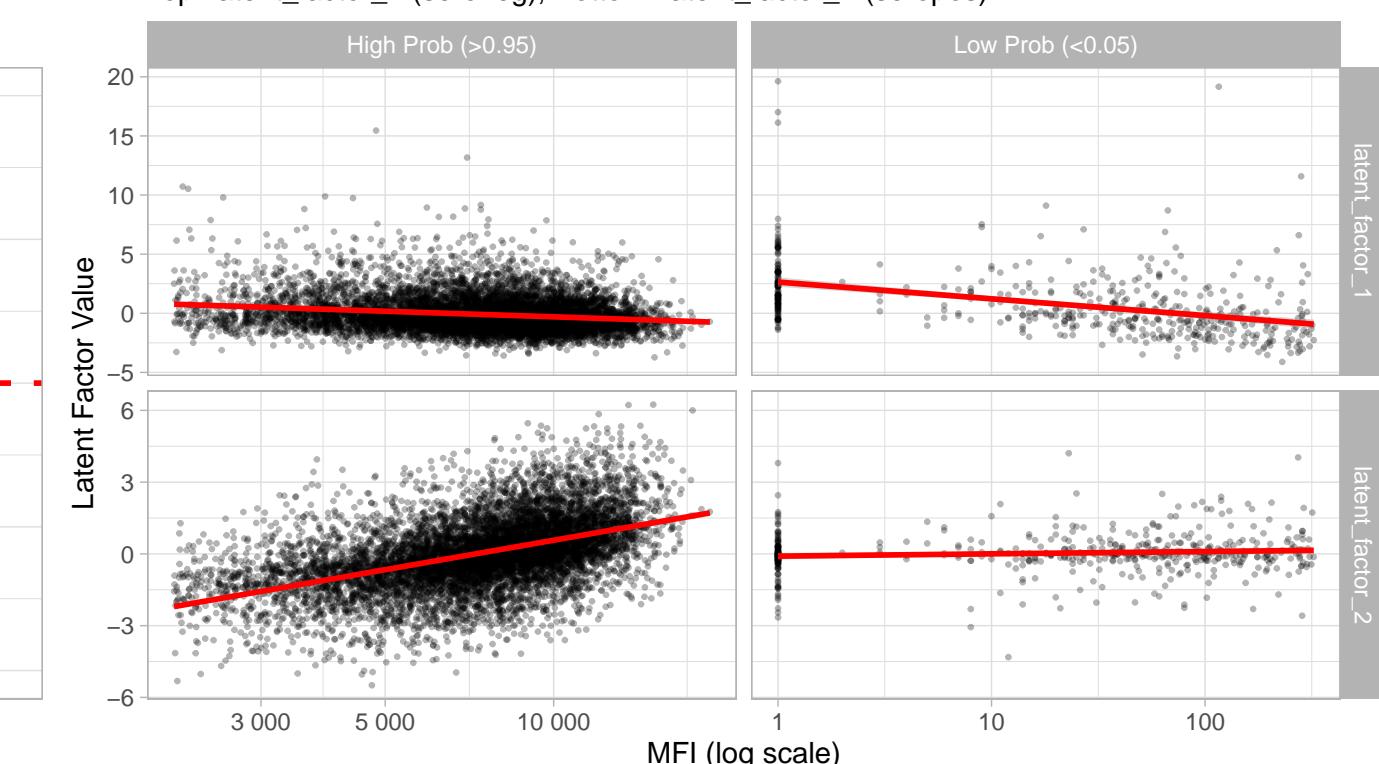
Hard vs Soft Classification: ebv_vca

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: ebv_vca

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

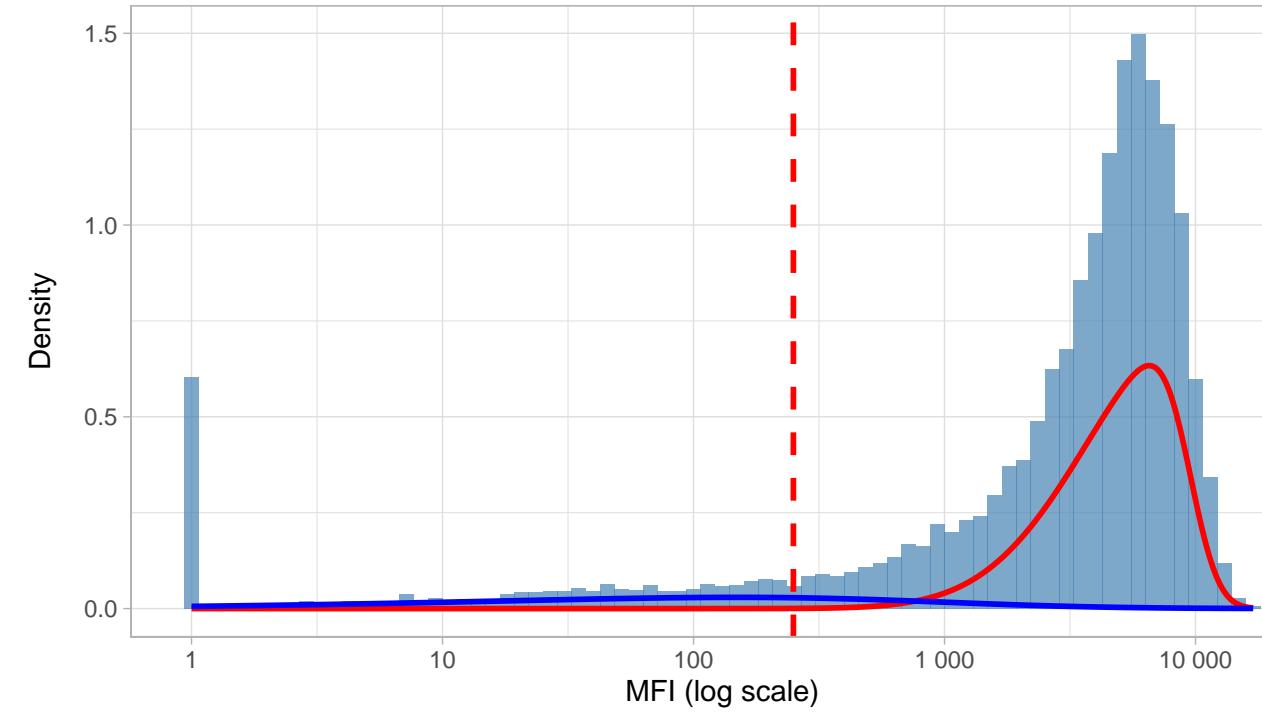


Diagnostics: ebv_ebna1

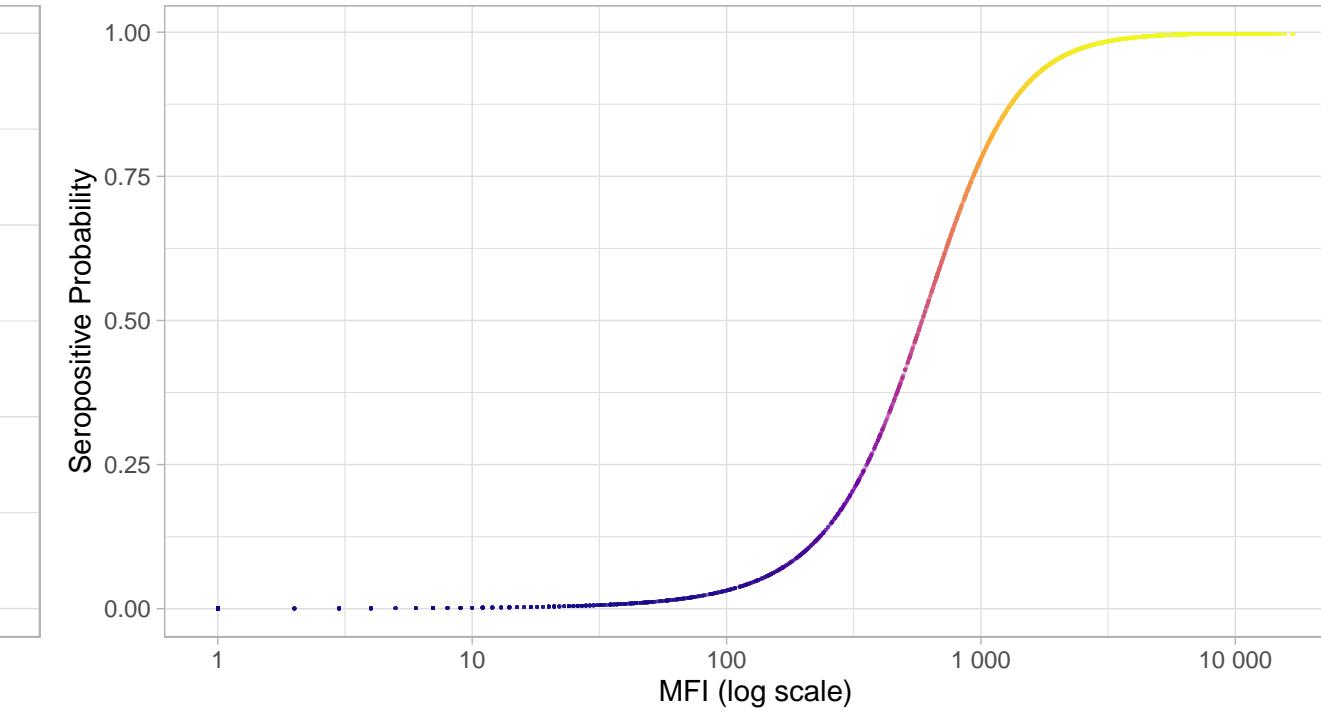
N=9424 | >0.95=6943 | <0.05=876 | Ambig=1605

Original MFI Distribution: ebv_ebna1

Hard cutoff threshold = 250

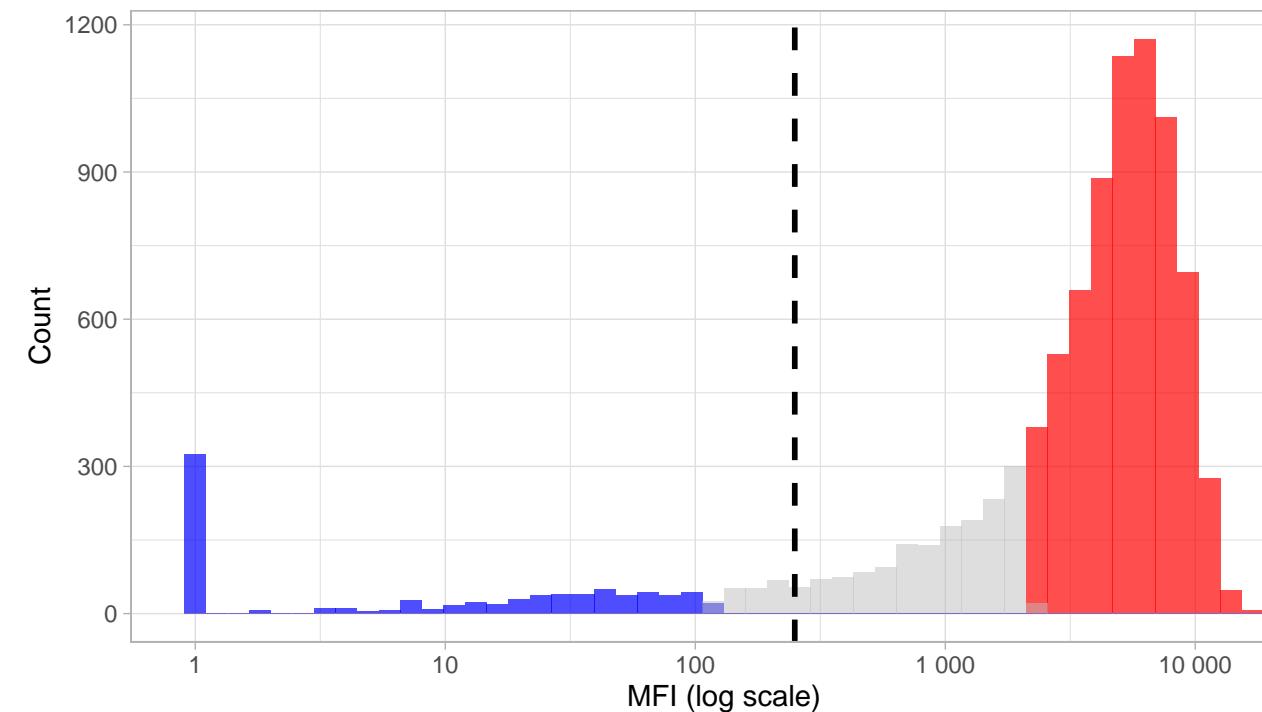


IgG vs Seropositive Probability: ebv_ebna1



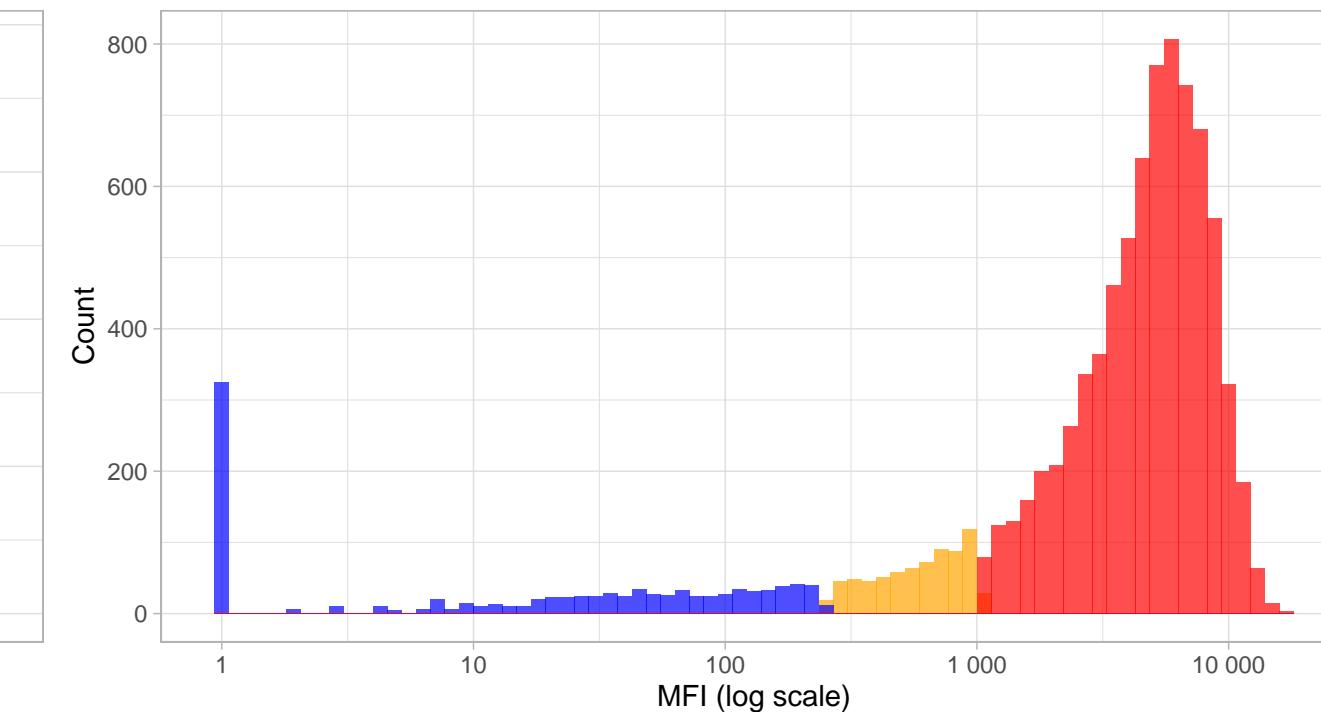
High-Confidence Seropositive Distribution: ebv_ebna1

Prob threshold = 0.96



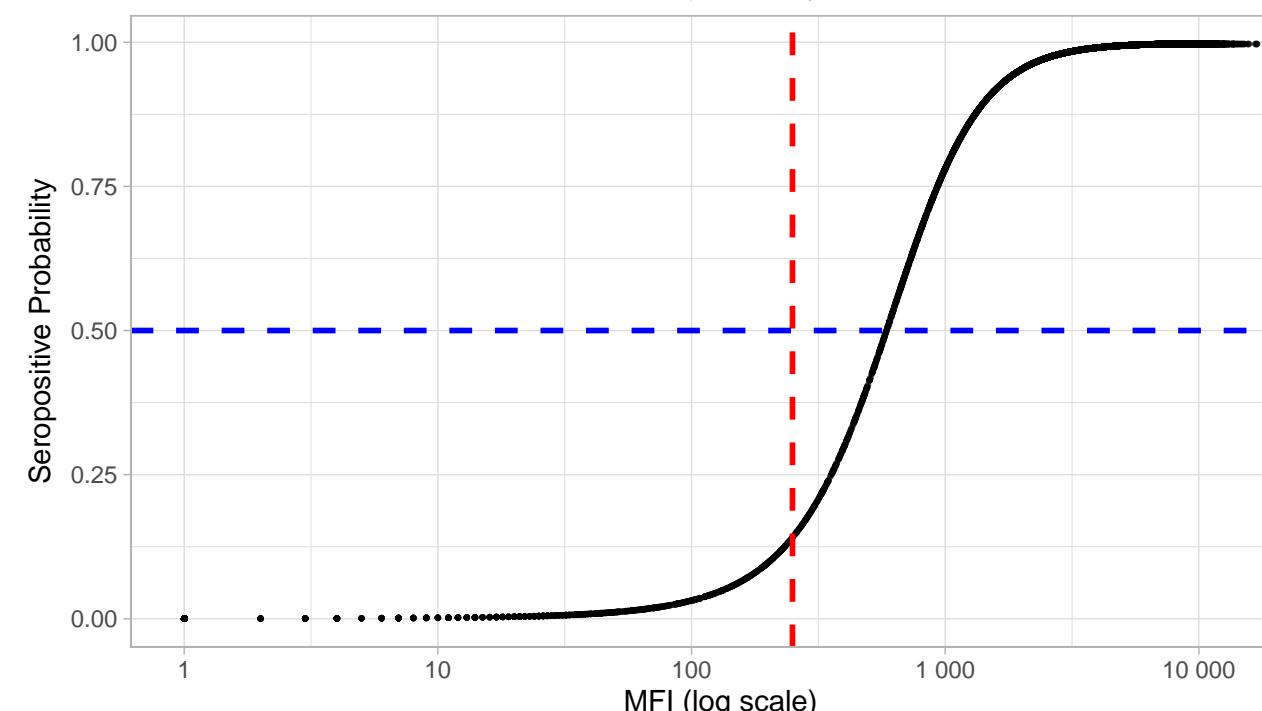
Phenotype Distribution by Classification: ebv_ebna1

Comparing hard vs soft classifications



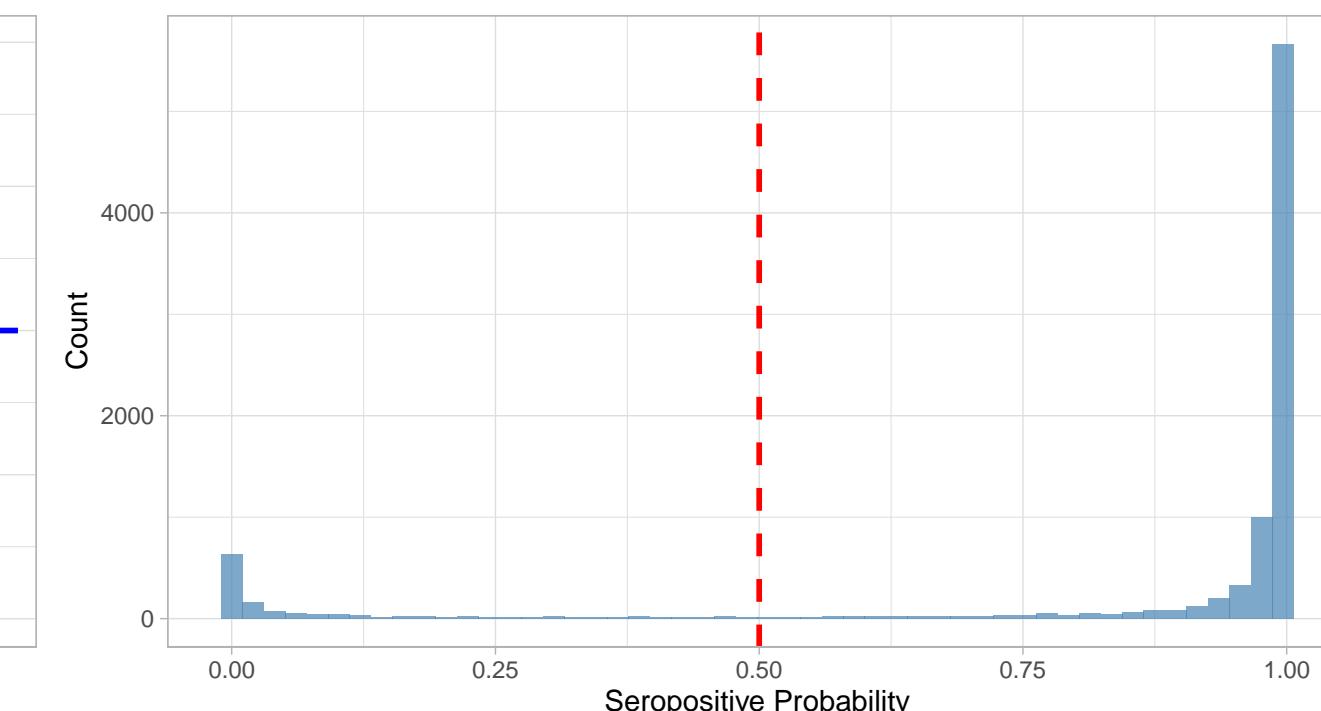
IgG Level vs Seropositive Probability: ebv_ebna1

Red line = hard threshold, Blue line = 50% probability



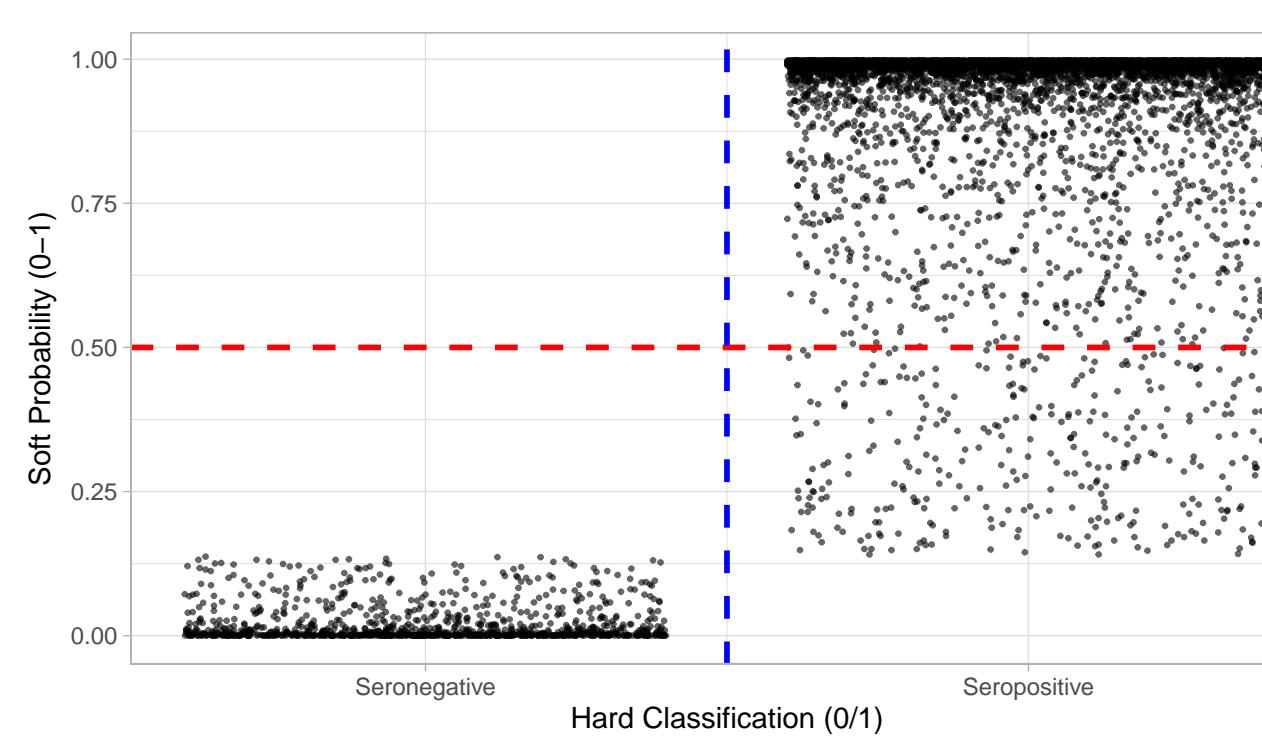
Distribution of Seropositive Probabilities: ebv_ebna1

Red line = 50% threshold



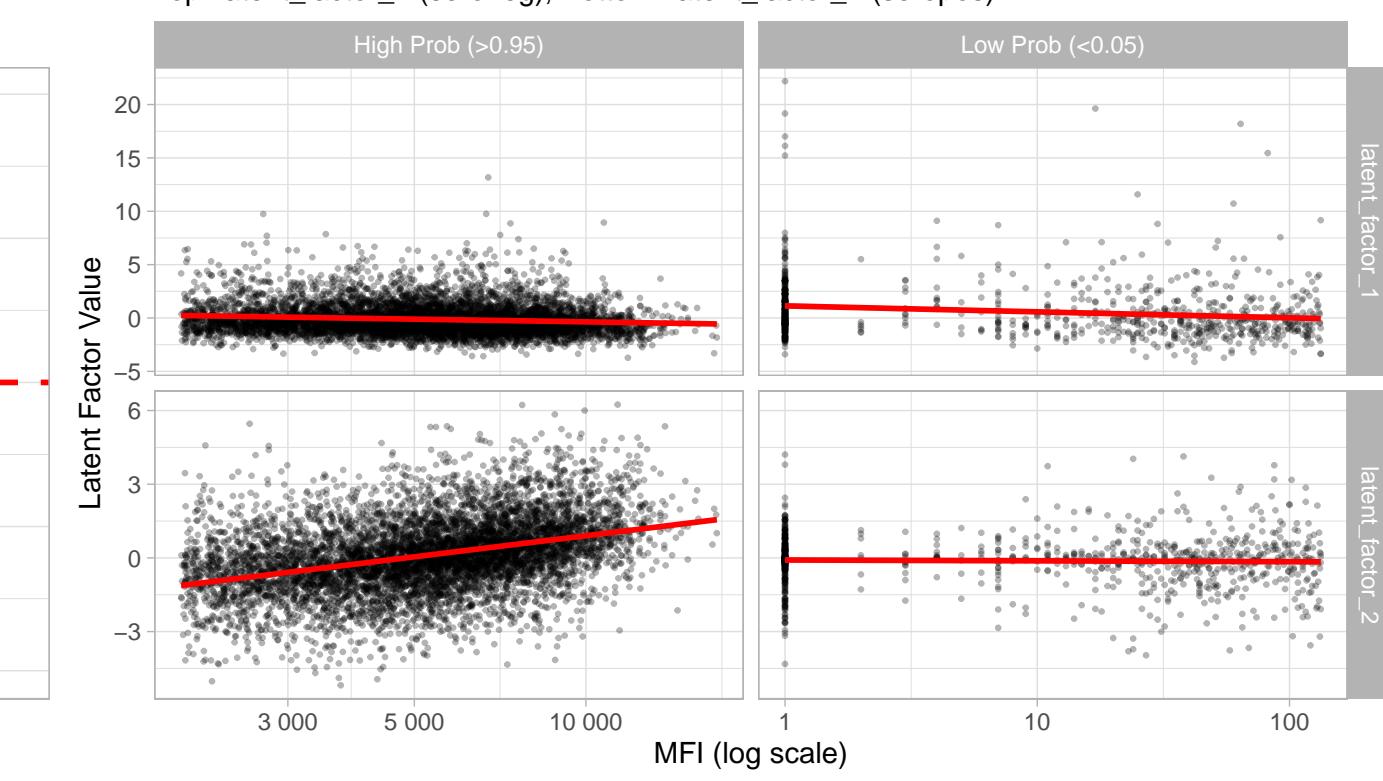
Hard vs Soft Classification: ebv_ebna1

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: ebv_ebna1

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

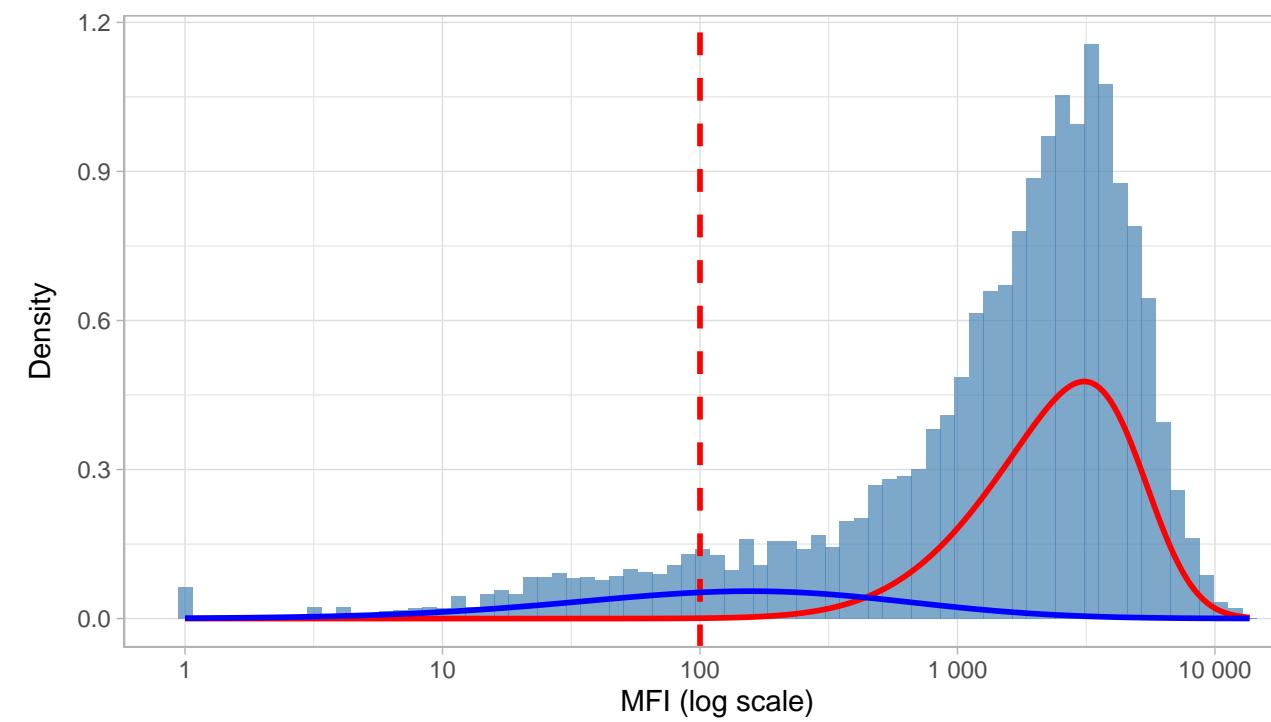


Diagnostics: ebv_zebra

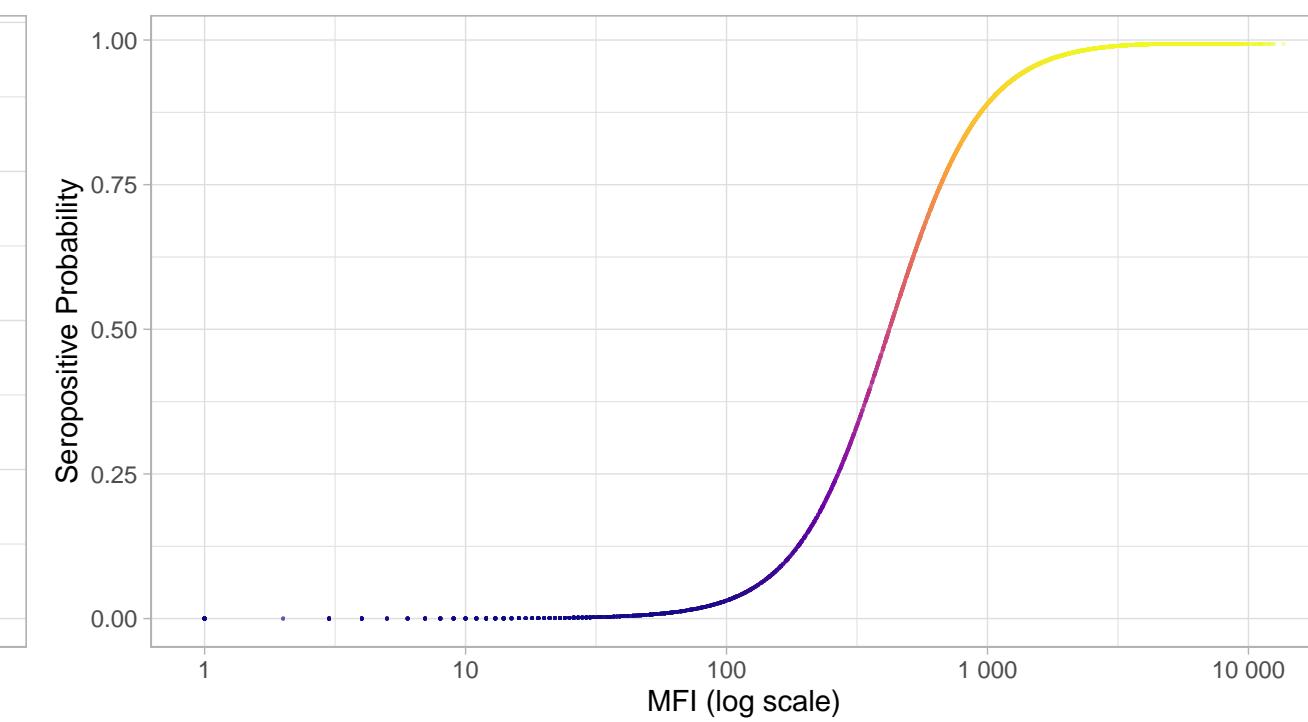
N=9424 | >0.95=5705 | <0.05=950 | Ambig=2769

Original MFI Distribution: ebv_zebra

Hard cutoff threshold = 100

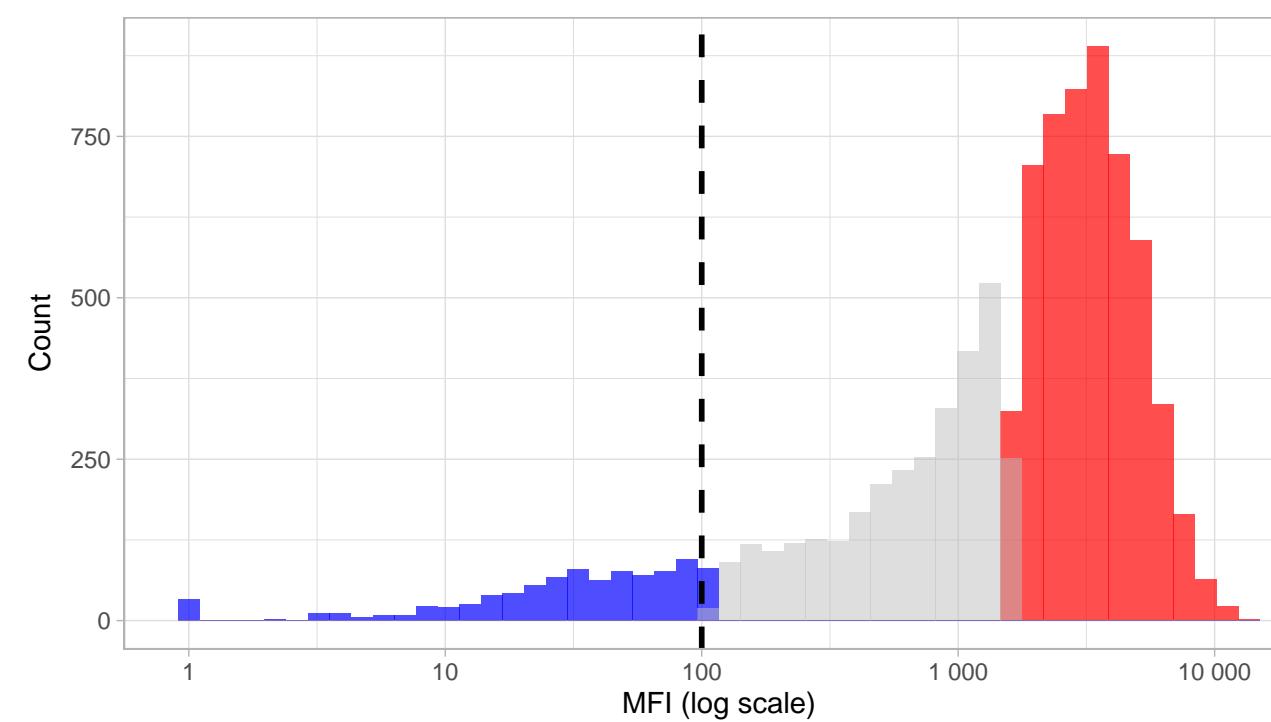


IgG vs Seropositive Probability: ebv_zebra



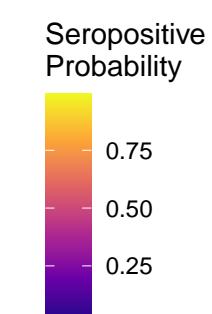
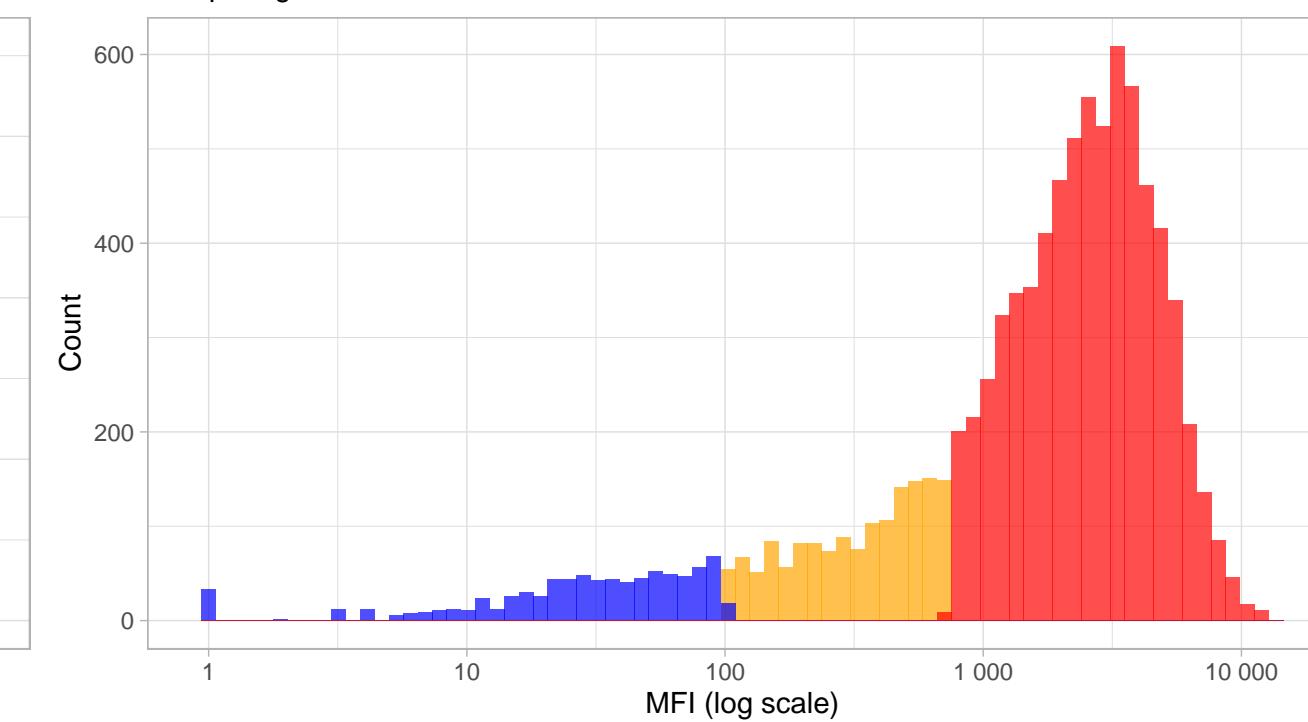
High-Confidence Seropositive Distribution: ebv_zebra

Prob threshold = 0.96



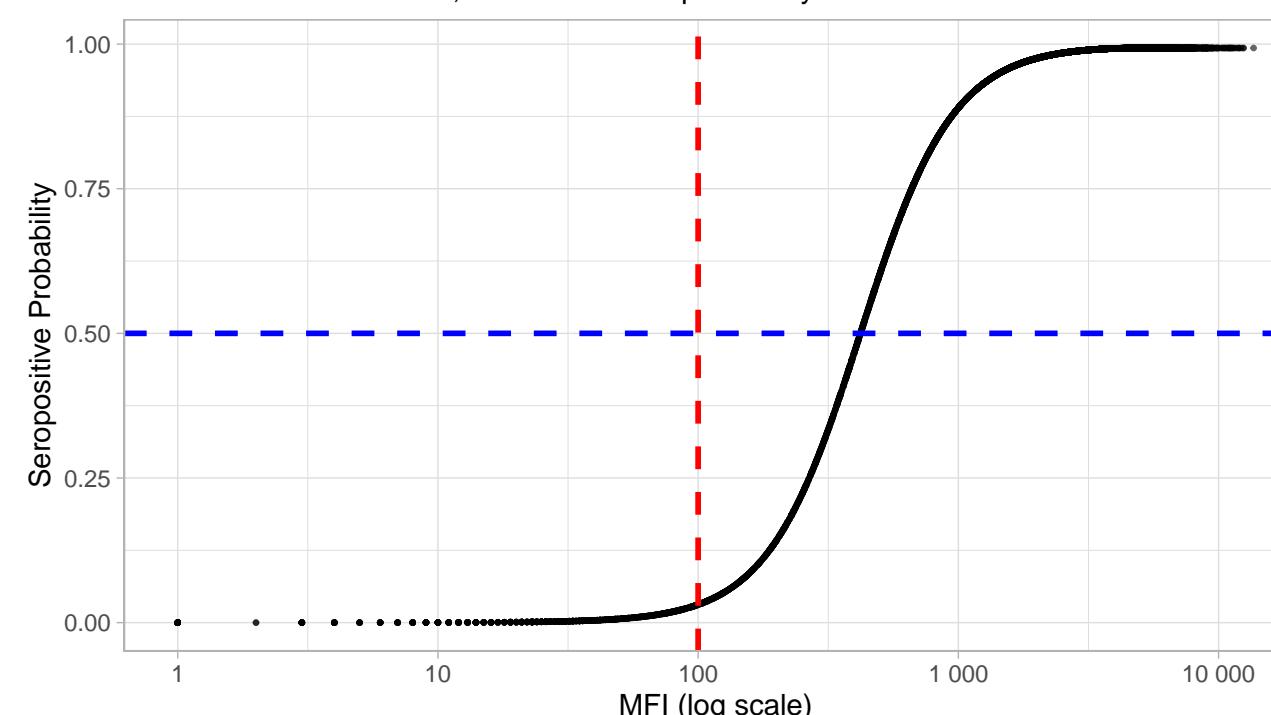
Phenotype Distribution by Classification: ebv_zebra

Comparing hard vs soft classifications



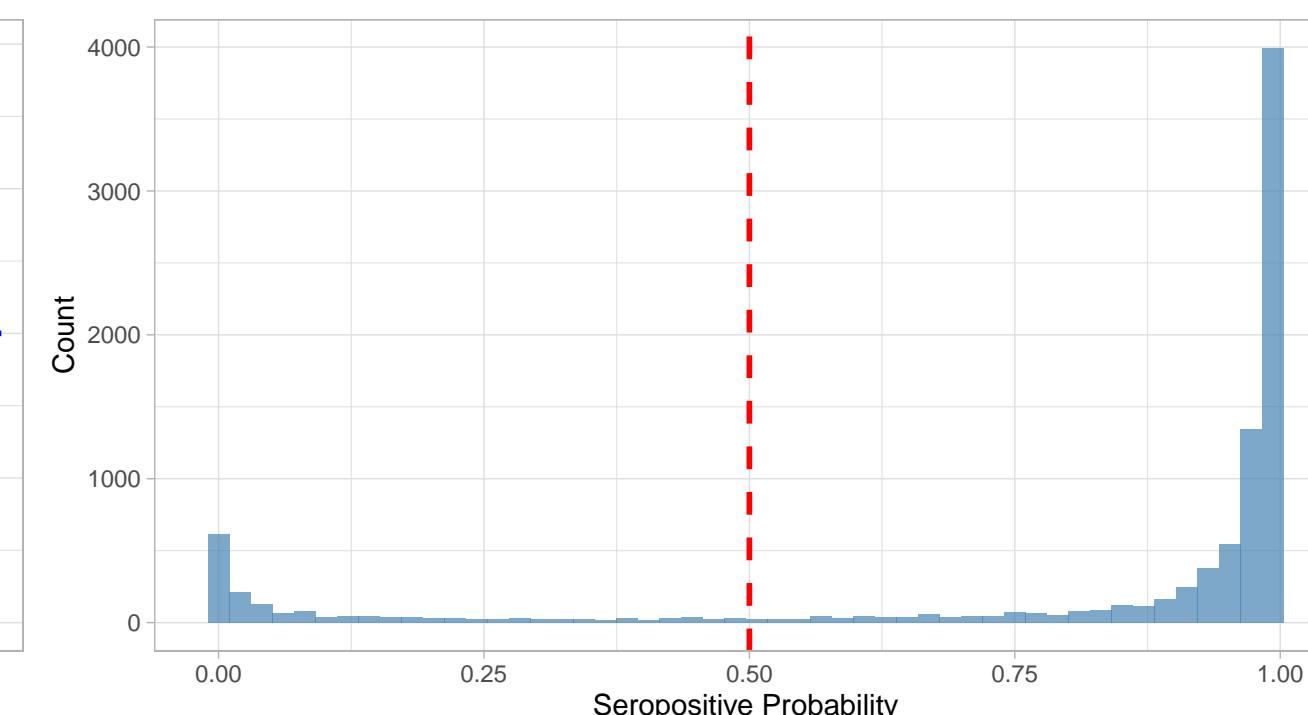
IgG Level vs Seropositive Probability: ebv_zebra

Red line = hard threshold, Blue line = 50% probability



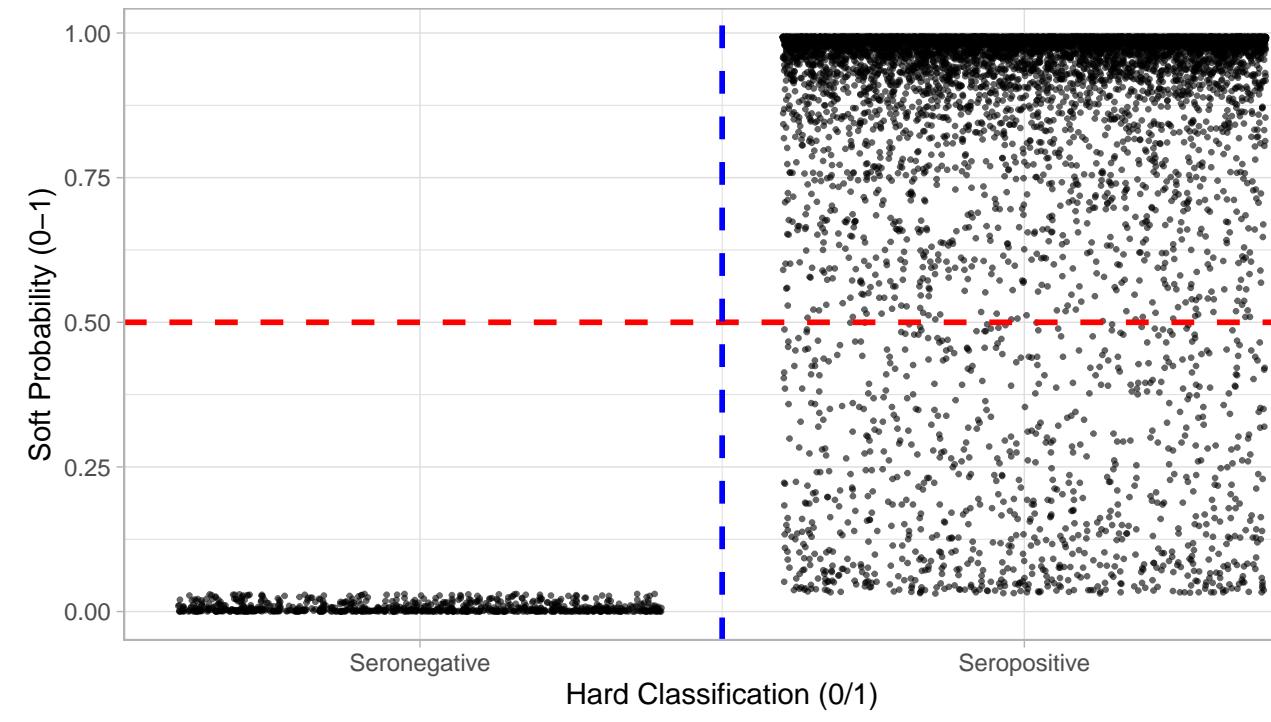
Distribution of Seropositive Probabilities: ebv_zebra

Red line = 50% threshold



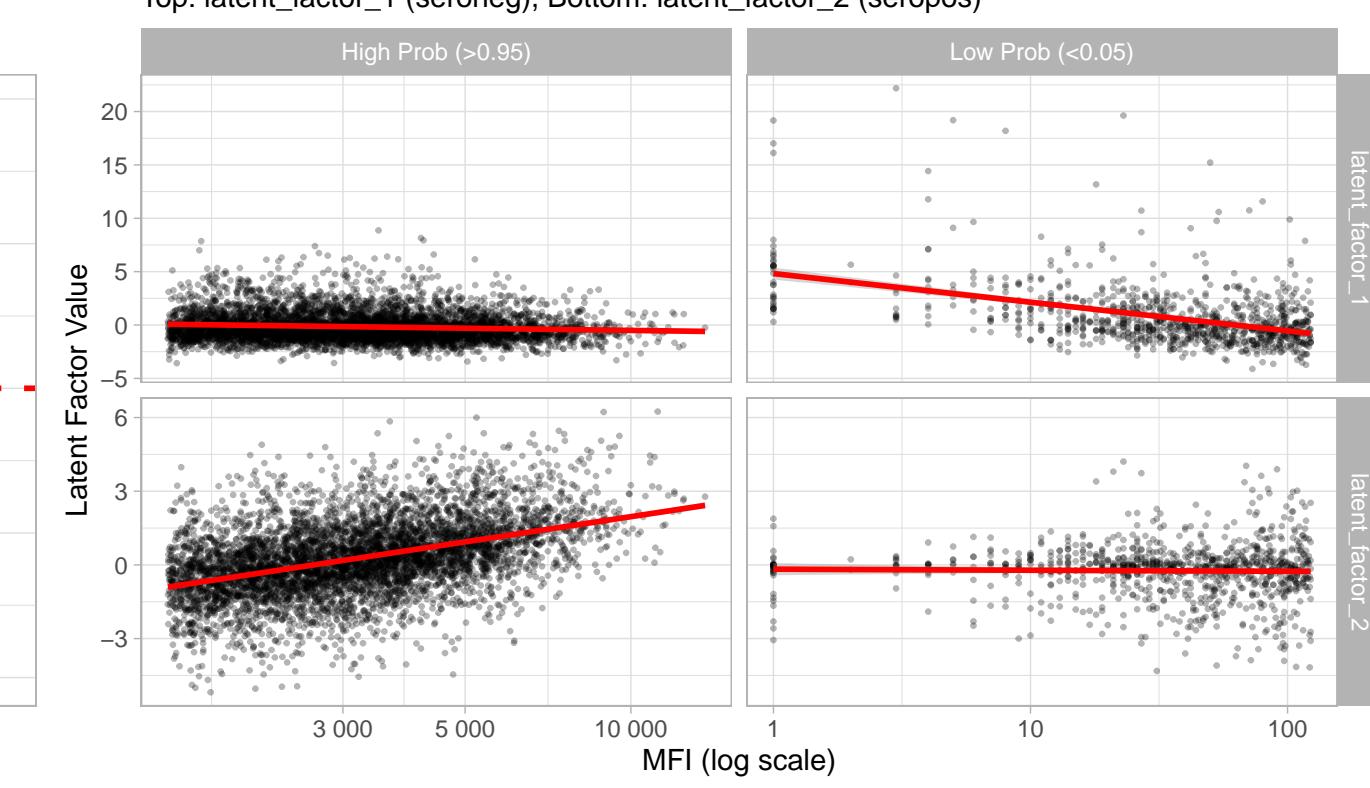
Hard vs Soft Classification: ebv_zebra

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: ebv_zebra

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

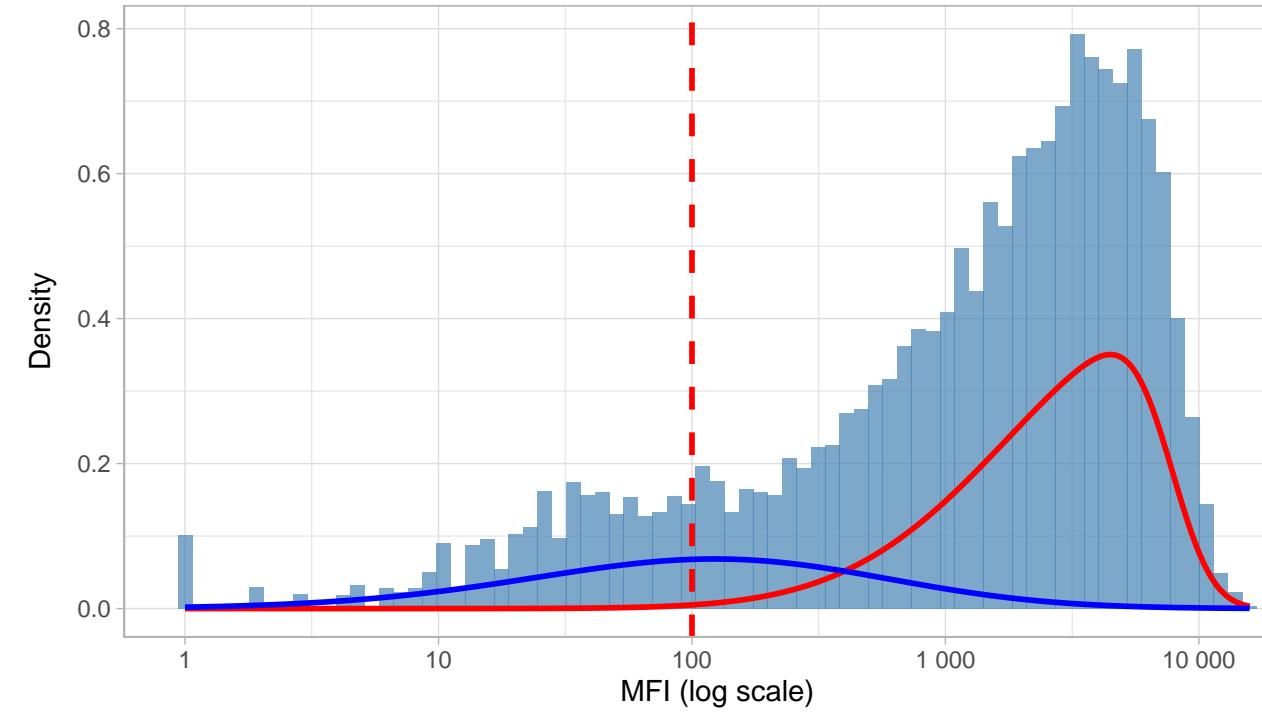


Diagnostics: ebv_ead

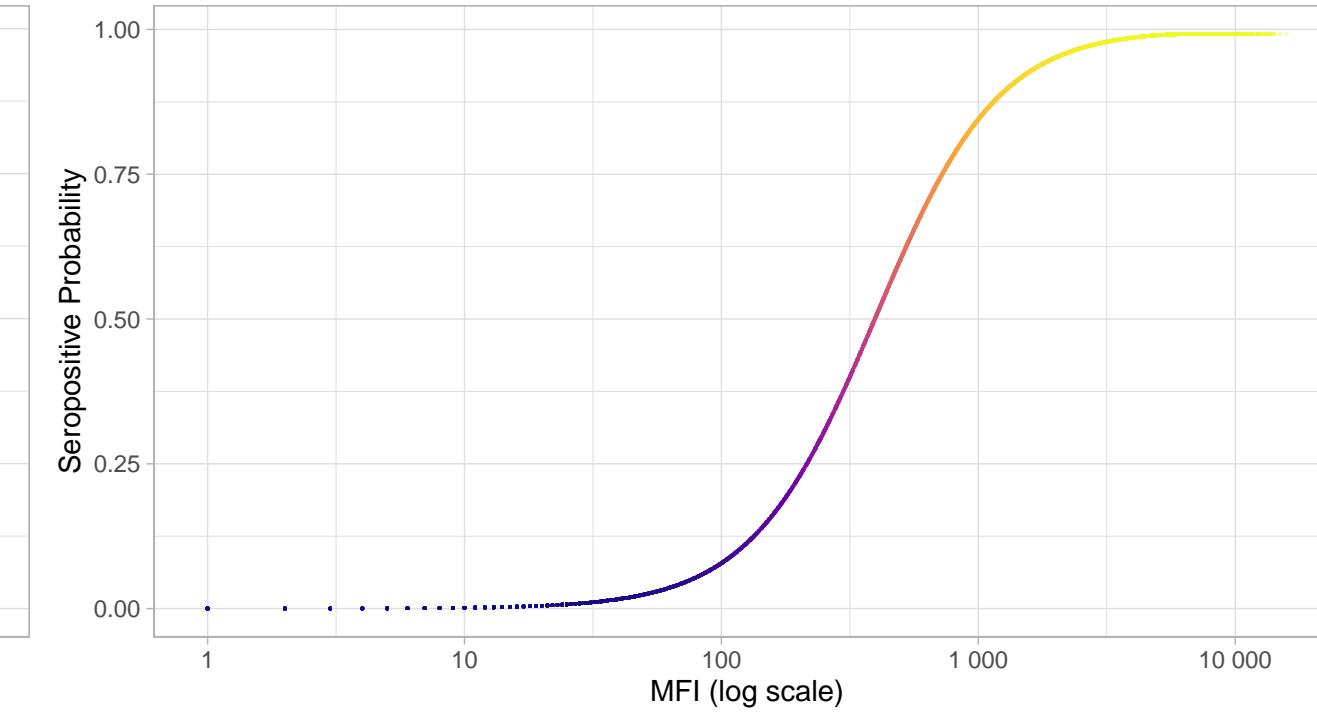
N=9424 | >0.95=4388 | <0.05=1148 | Ambig=3888

Original MFI Distribution: ebv_ead

Hard cutoff threshold = 100

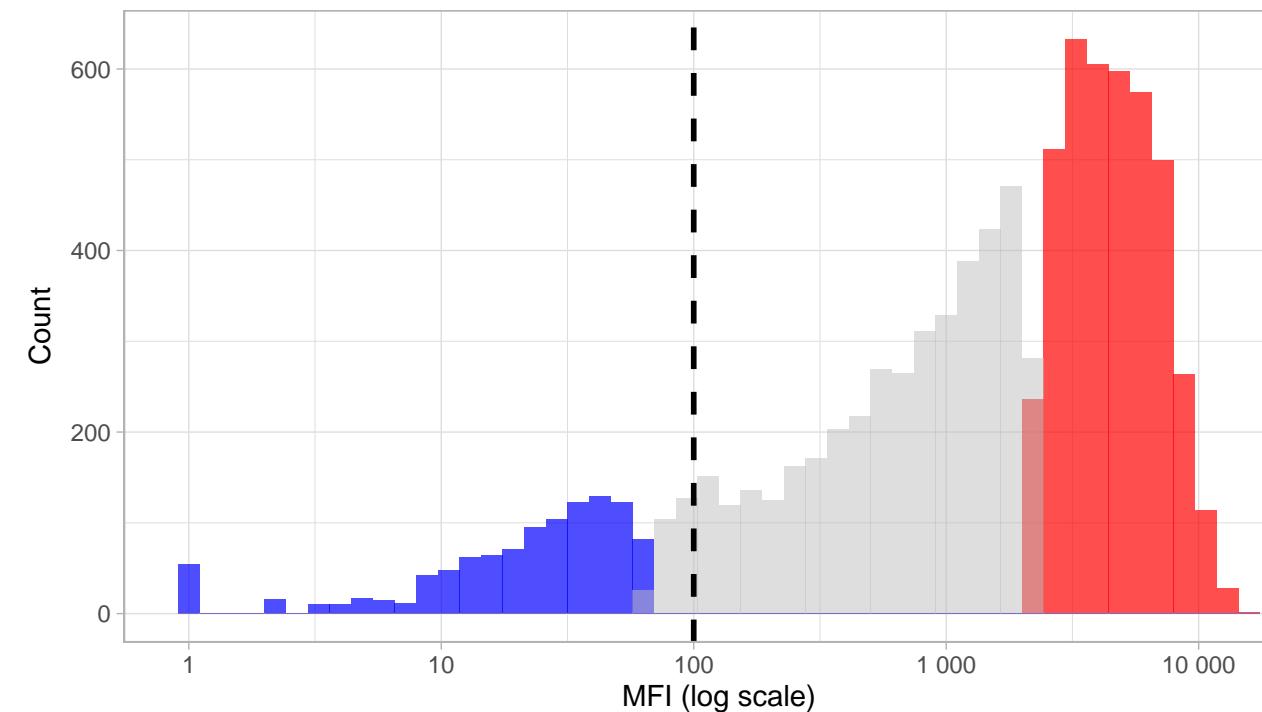


IgG vs Seropositive Probability: ebv_ead



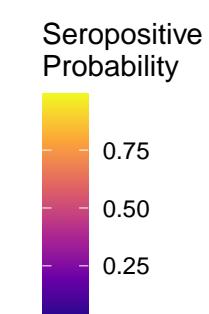
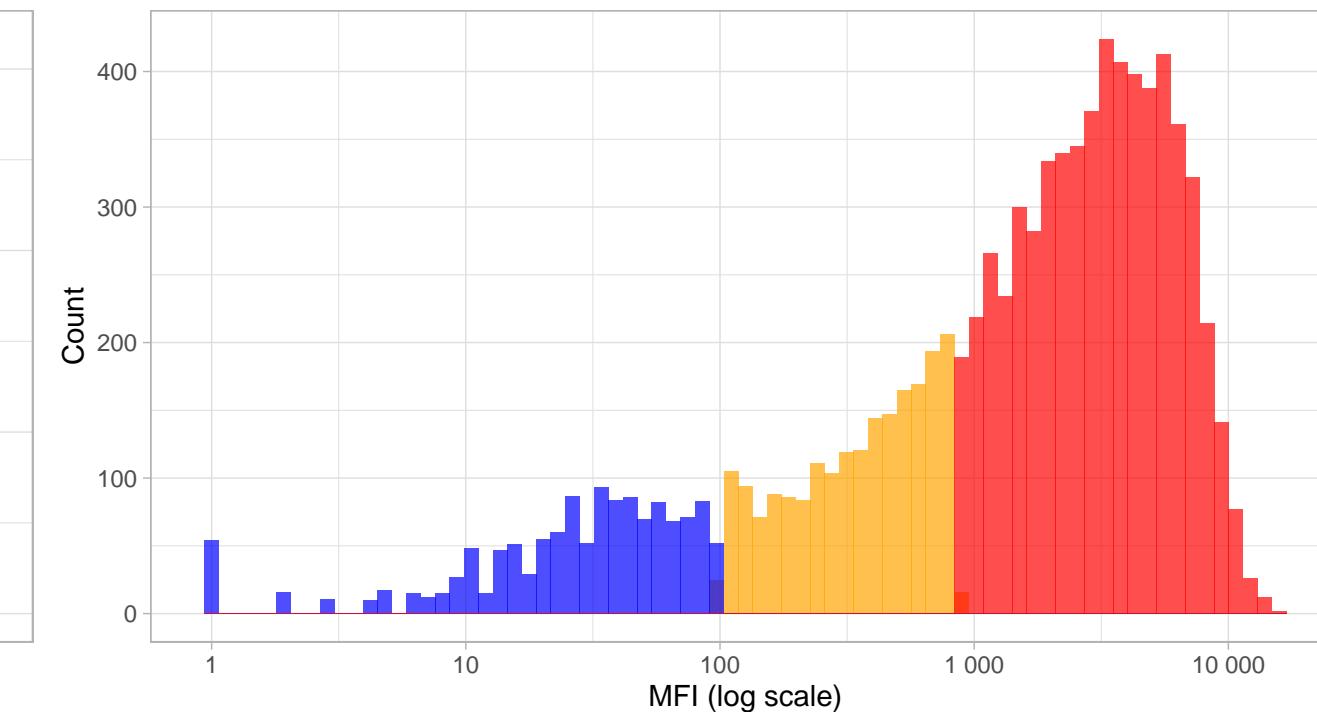
High-Confidence Seropositive Distribution: ebv_ead

Prob threshold = 0.96



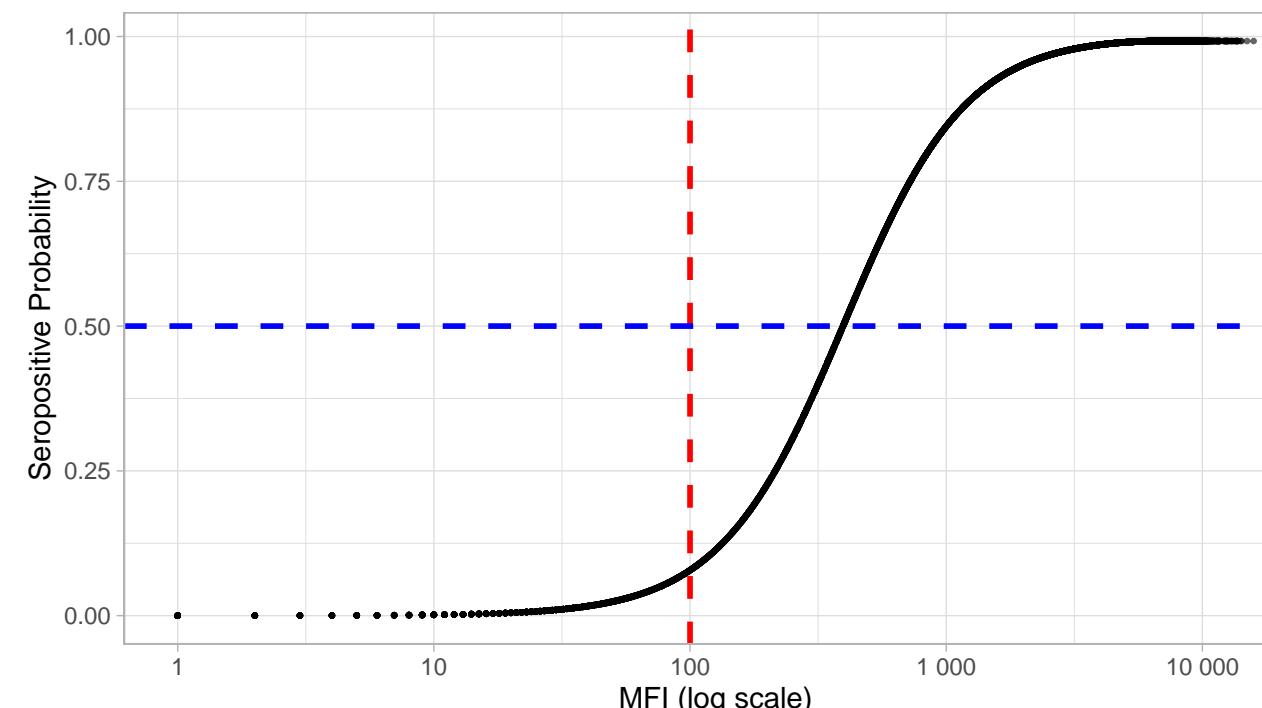
Phenotype Distribution by Classification: ebv_ead

Comparing hard vs soft classifications



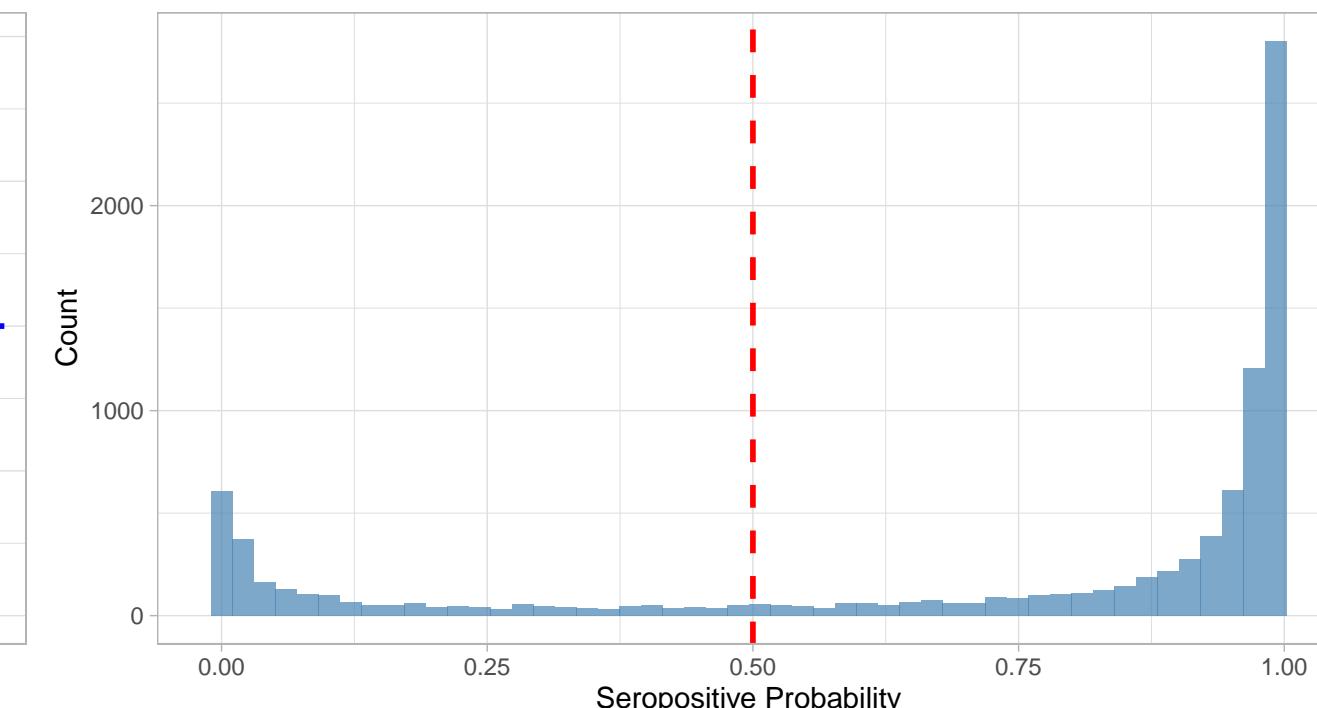
IgG Level vs Seropositive Probability: ebv_ead

Red line = hard threshold, Blue line = 50% probability



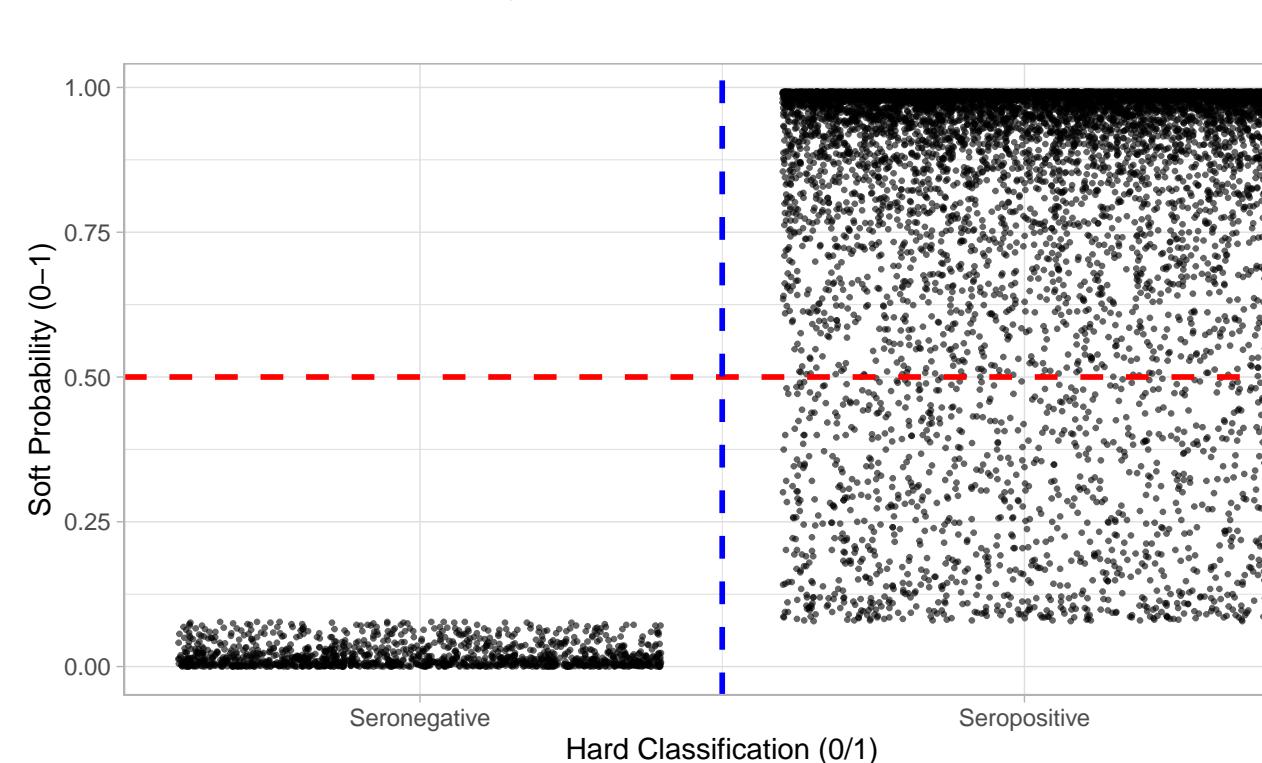
Distribution of Seropositive Probabilities: ebv_ead

Red line = 50% threshold



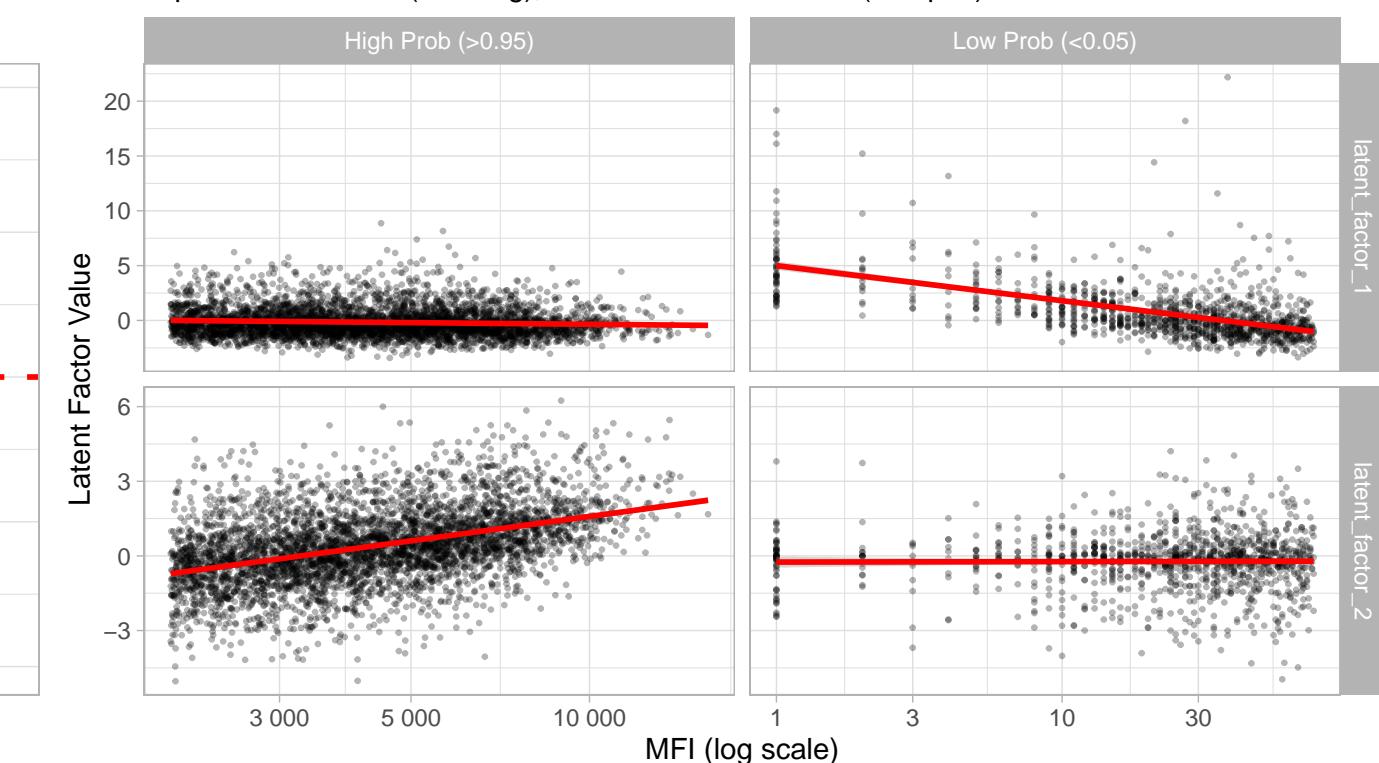
Hard vs Soft Classification: ebv_ead

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: ebv_ead

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

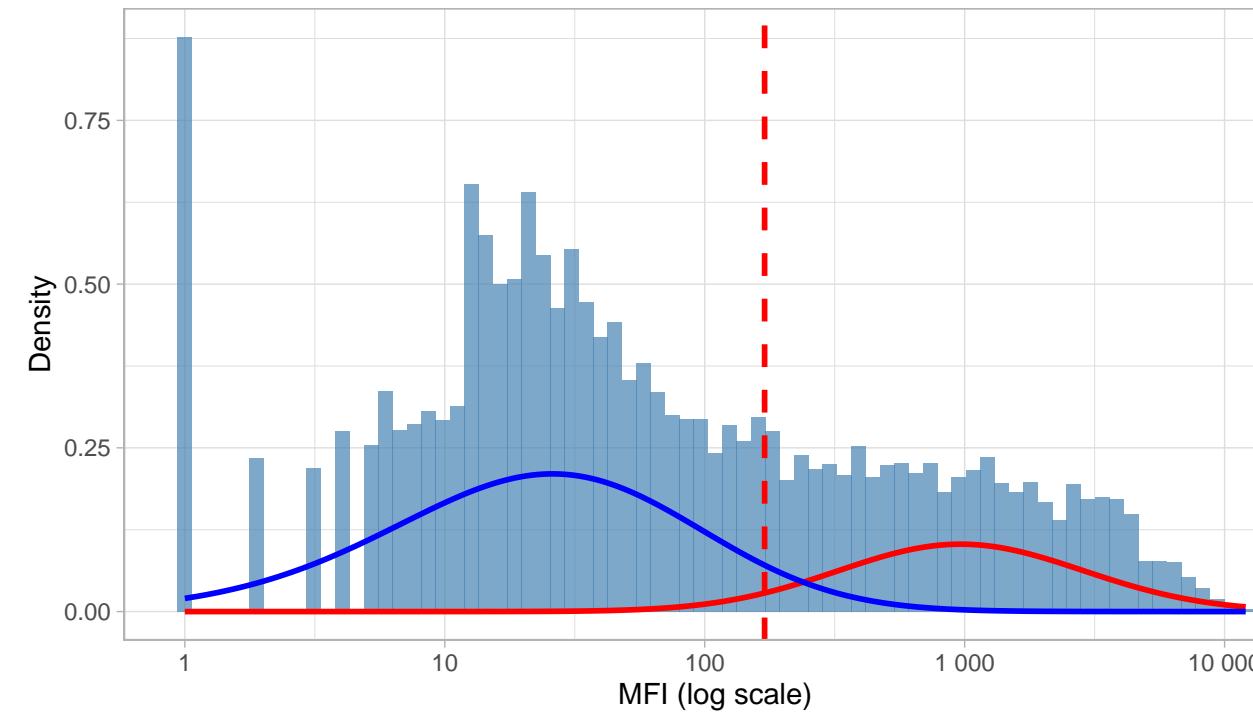


Diagnostics: hp_omp

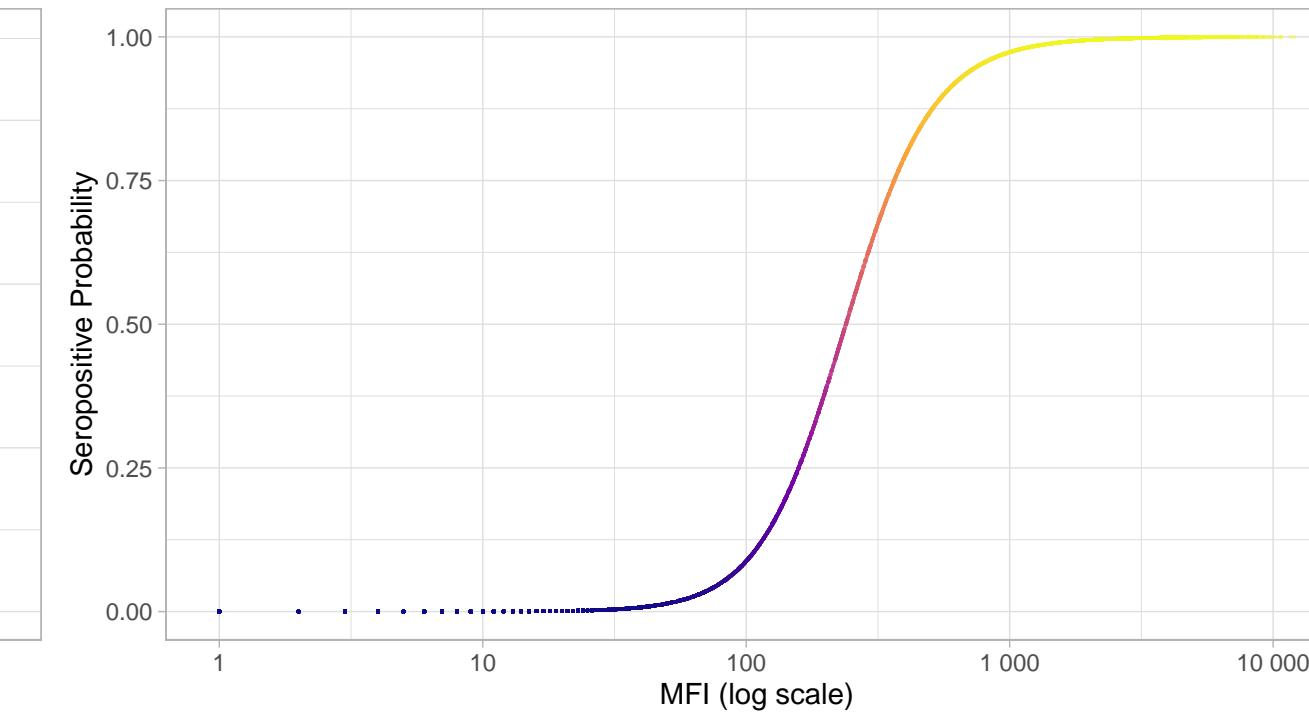
N=9424 | >0.95=1550 | <0.05=5635 | Ambig=2239

Original MFI Distribution: hp_omp

Hard cutoff threshold = 170

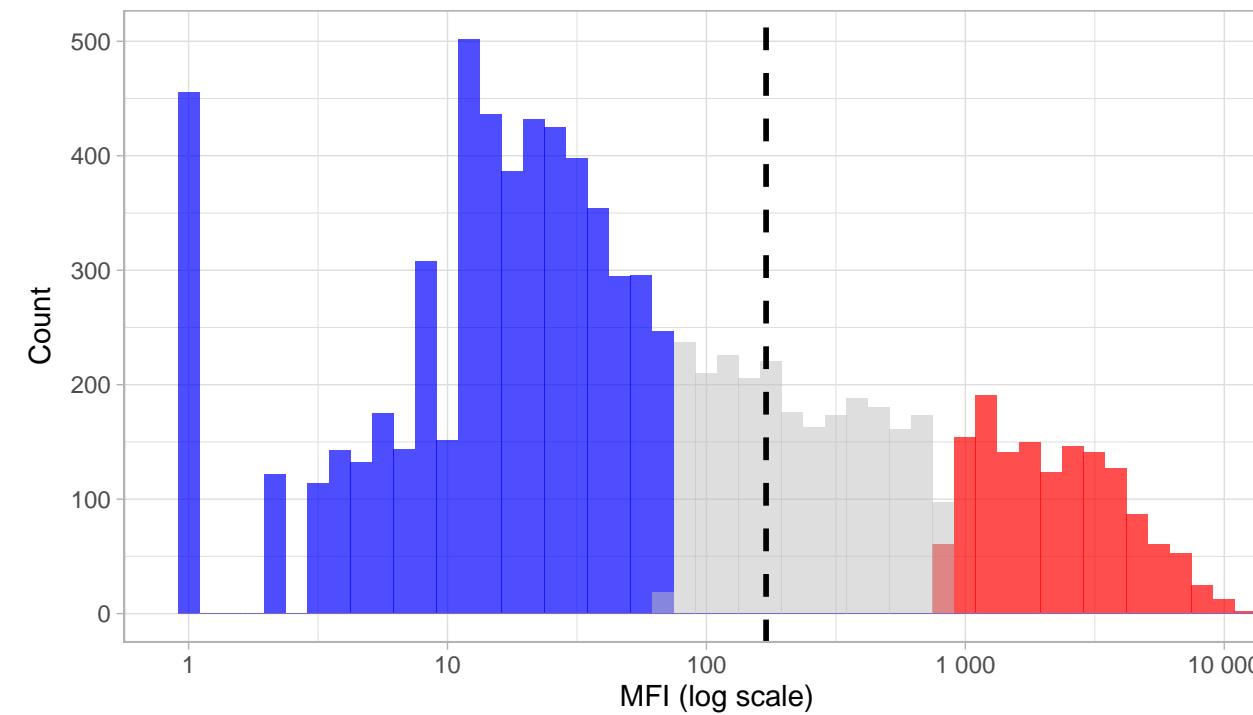


IgG vs Seropositive Probability: hp_omp



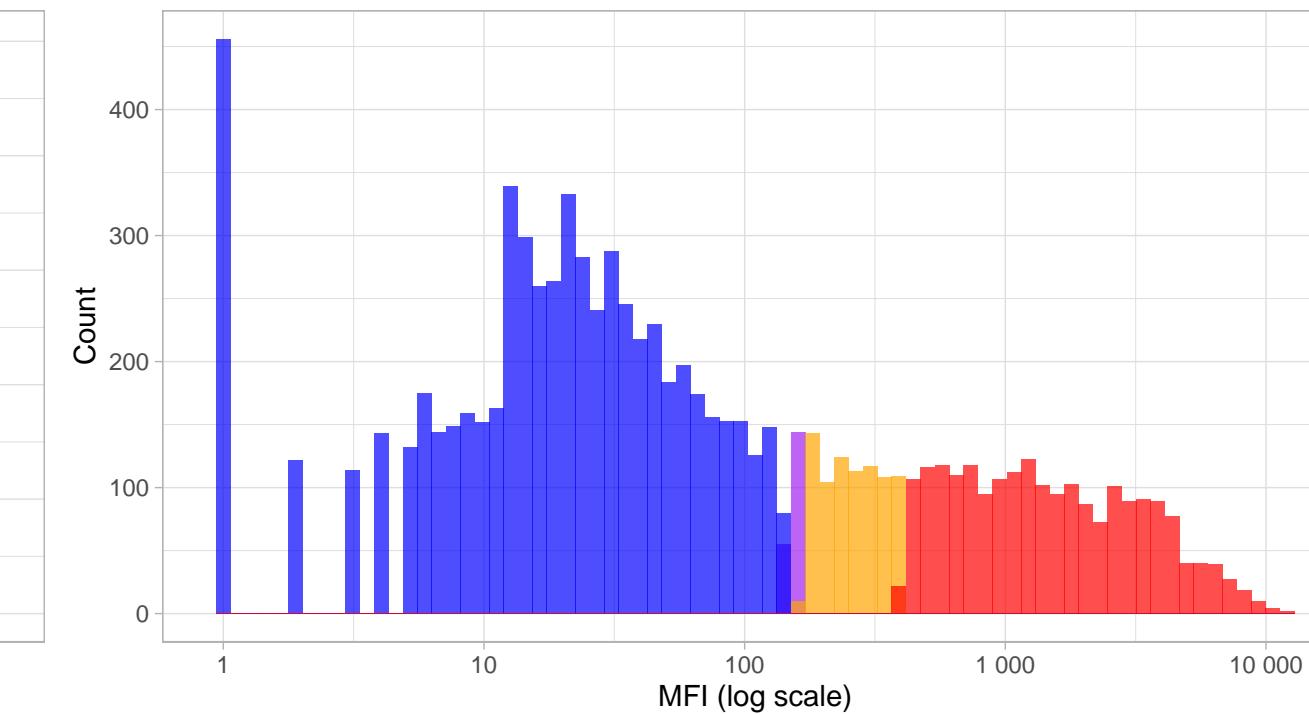
High-Confidence Seropositive Distribution: hp_omp

Prob threshold = 0.96



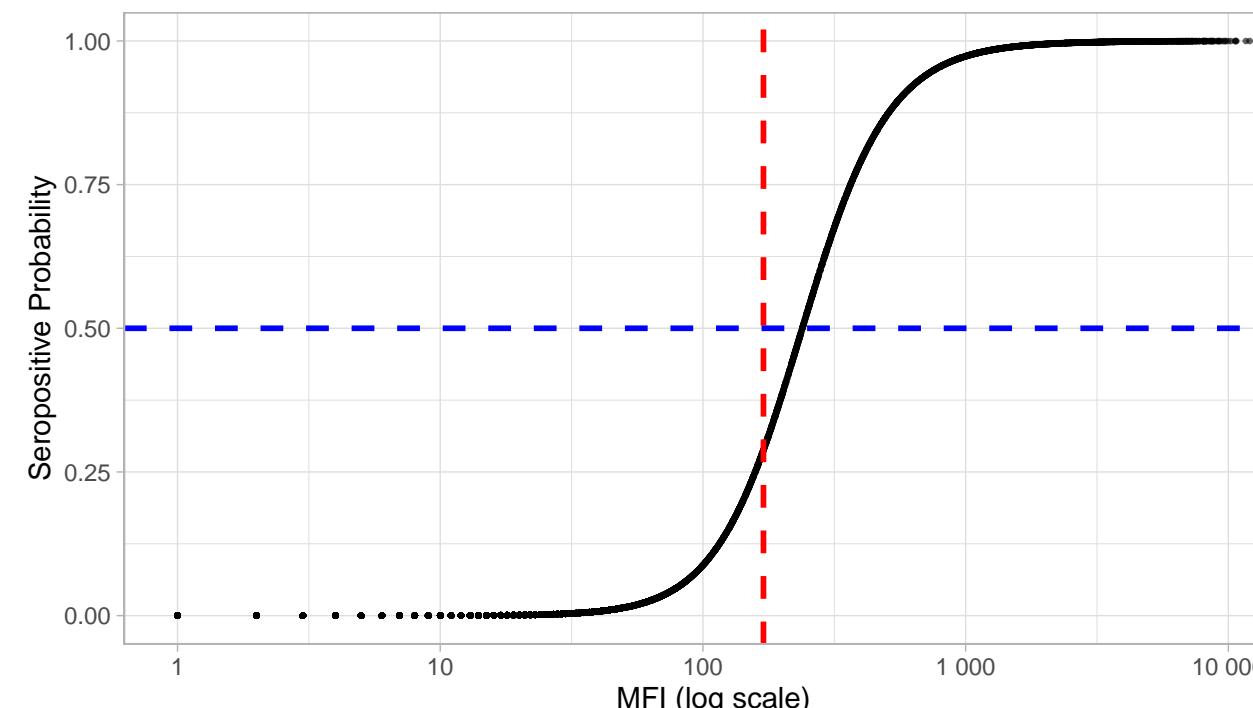
Phenotype Distribution by Classification: hp_omp

Comparing hard vs soft classifications



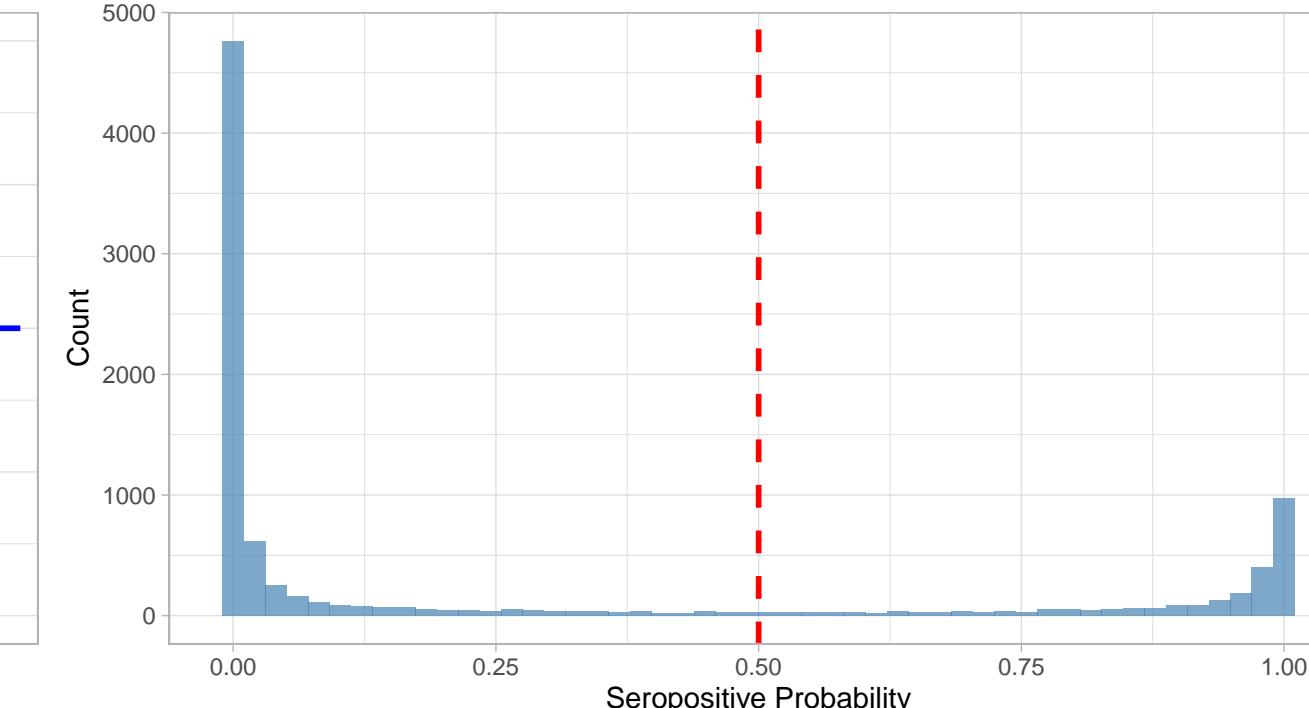
IgG Level vs Seropositive Probability: hp_omp

Red line = hard threshold, Blue line = 50% probability



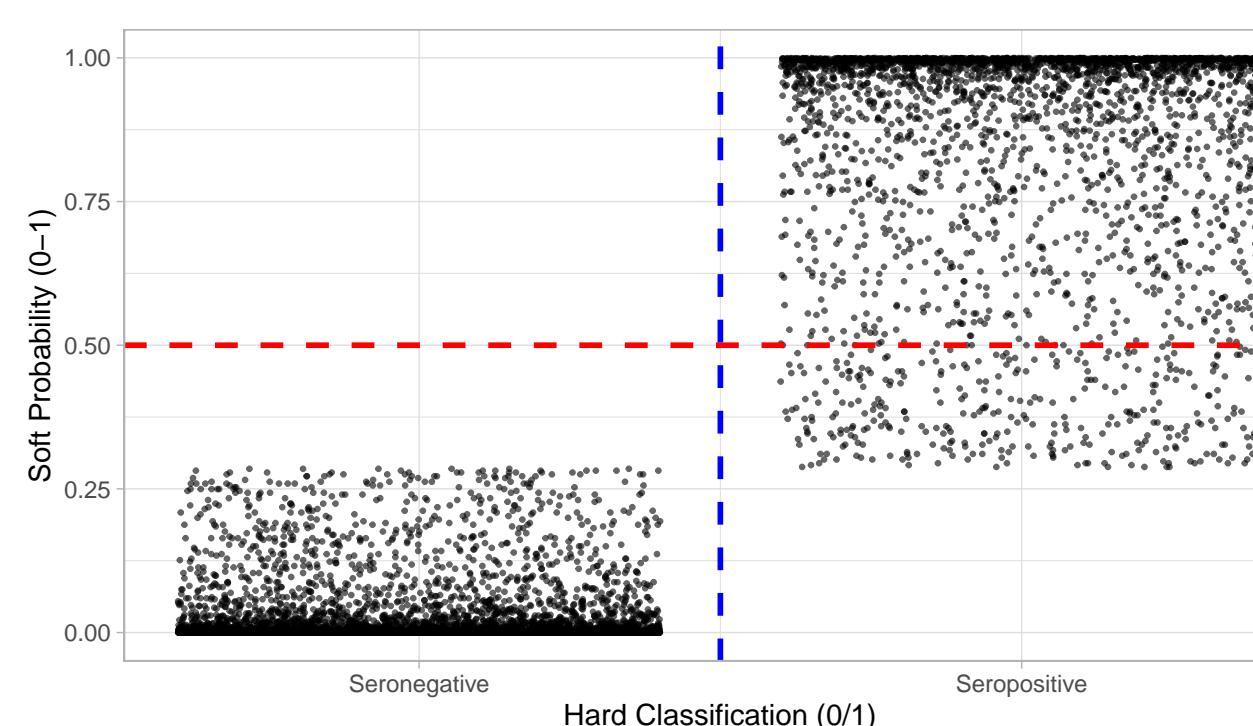
Distribution of Seropositive Probabilities: hp_omp

Red line = 50% threshold



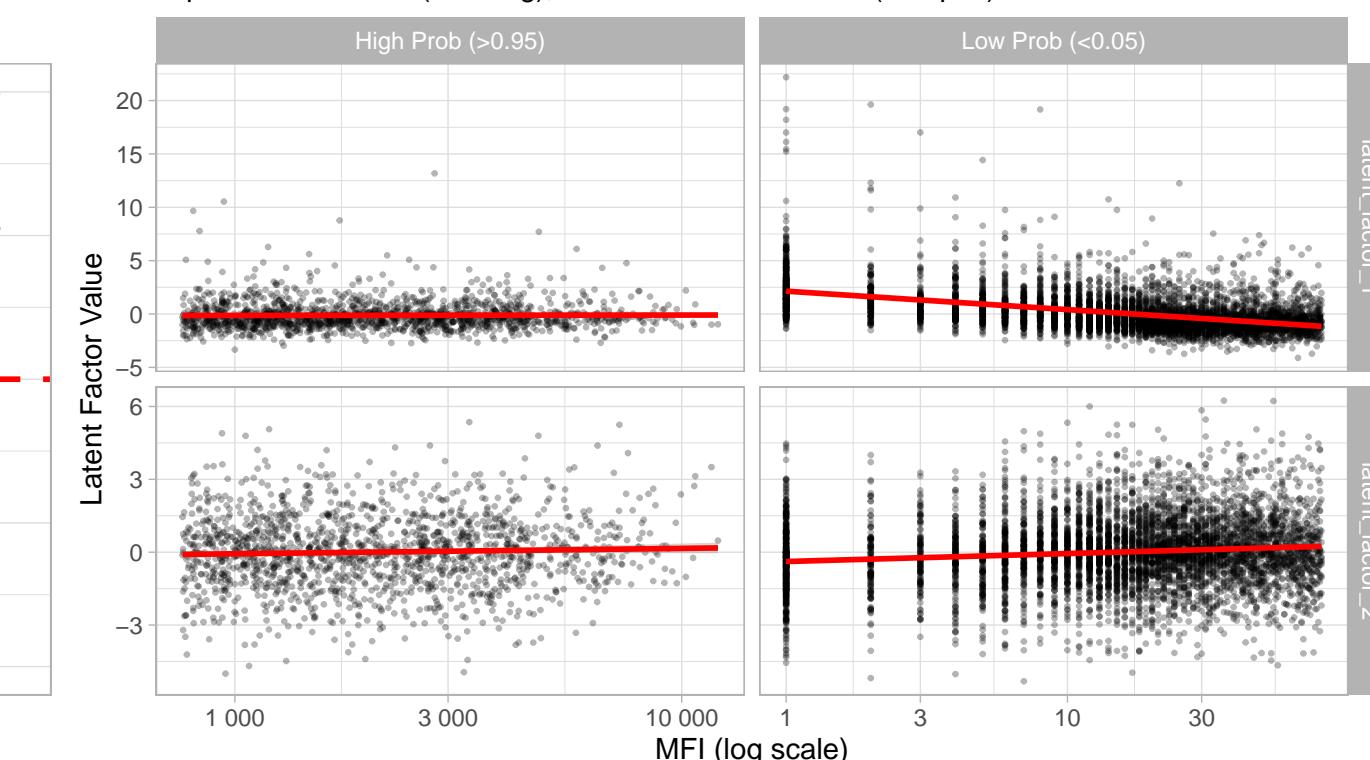
Hard vs Soft Classification: hp_omp

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hp_omp

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

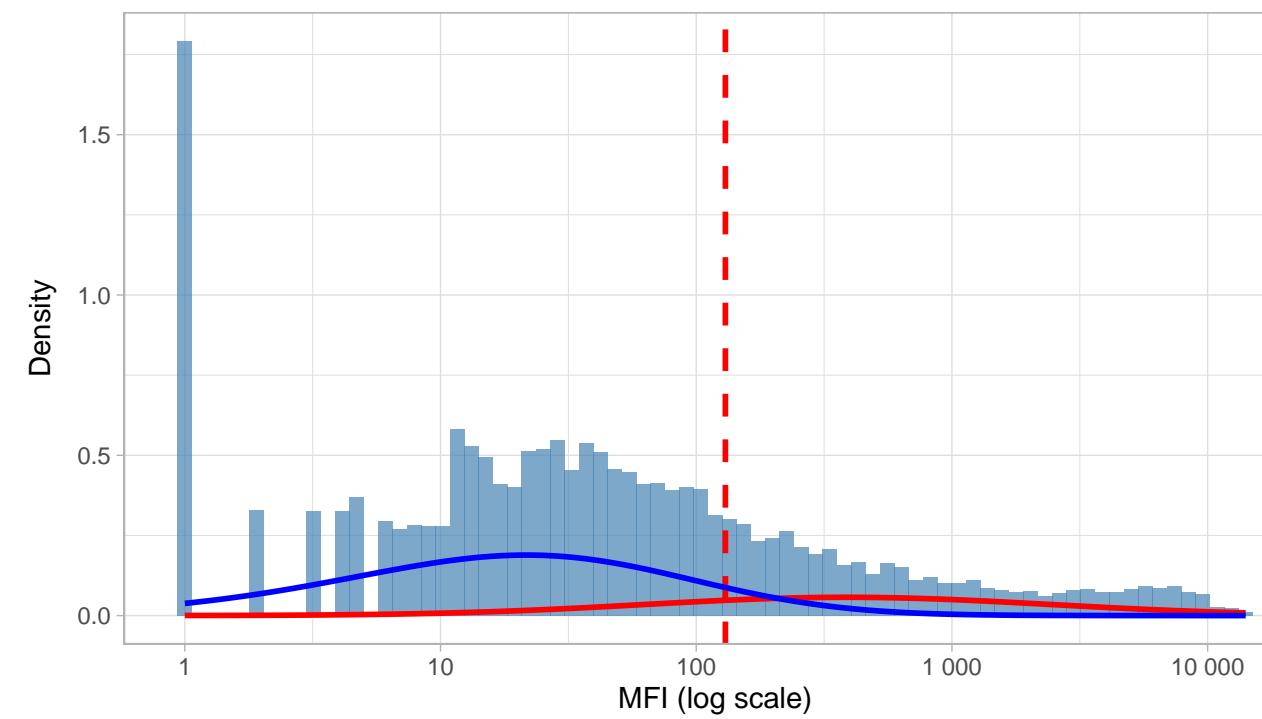


Diagnostics: hp_urea

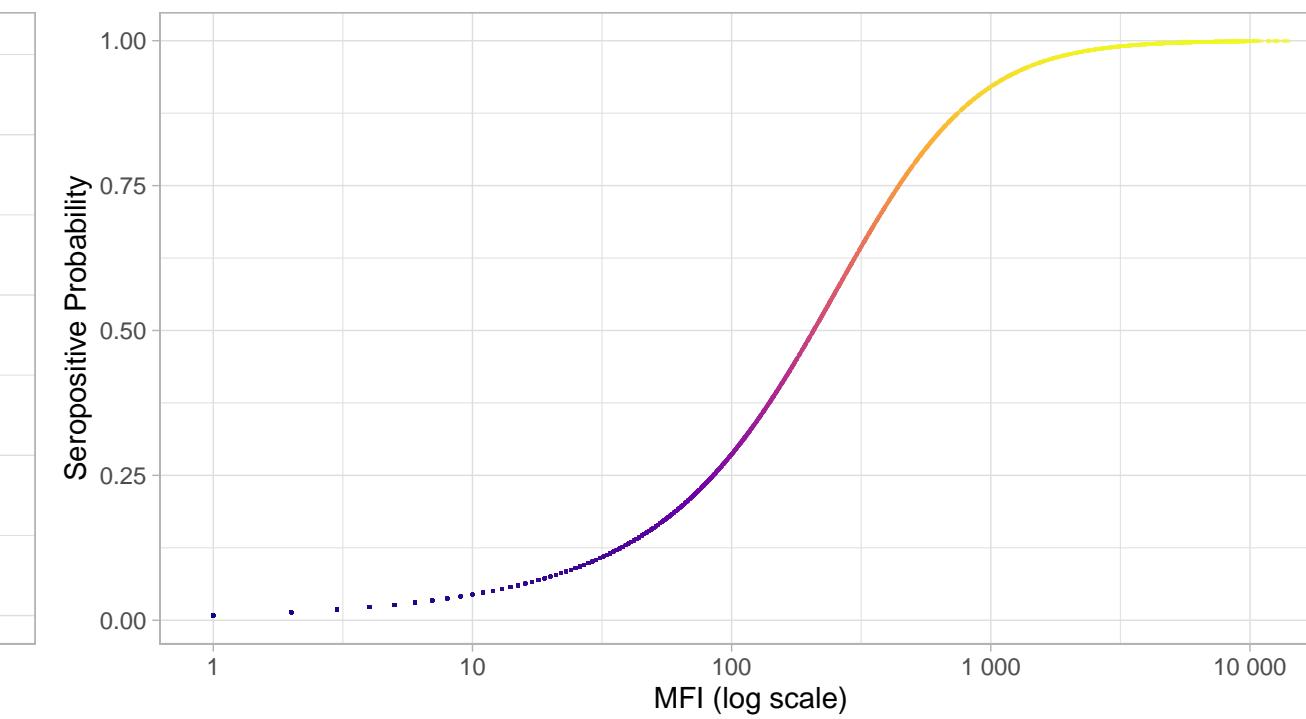
N=9424 | >0.95=685 | <0.05=2564 | Ambig=6175

Original MFI Distribution: hp_urea

Hard cutoff threshold = 130

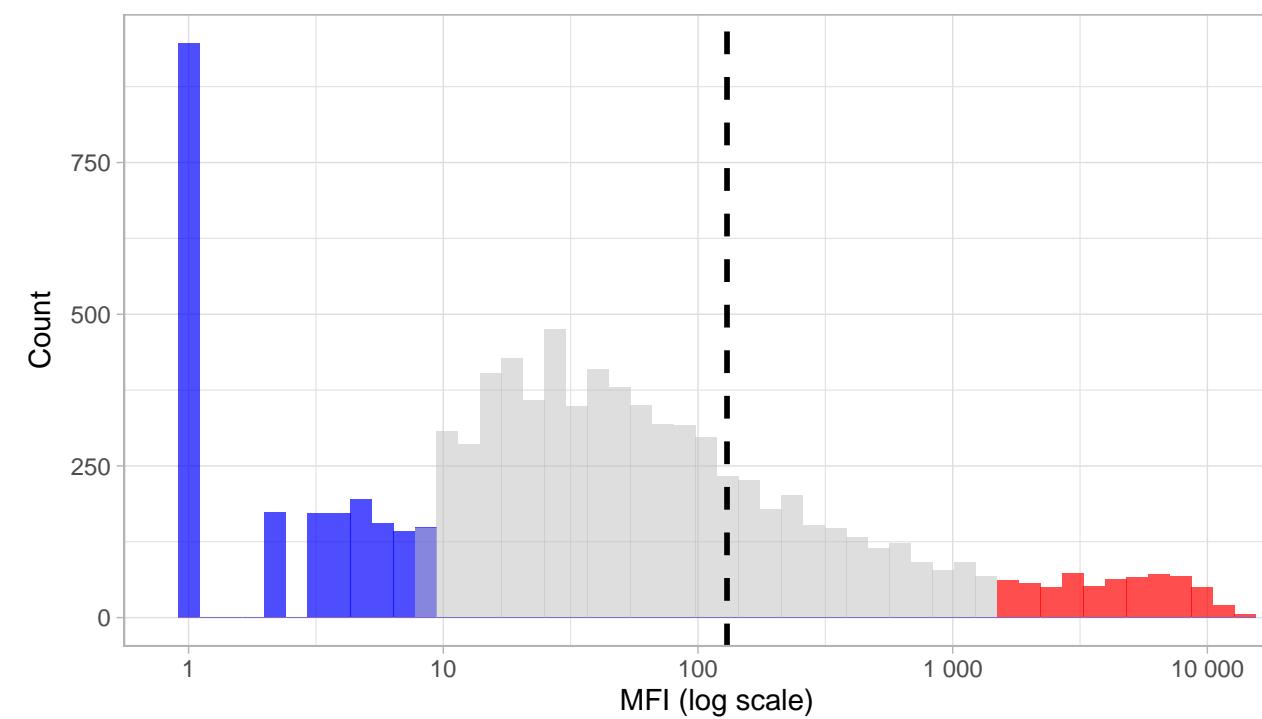


IgG vs Seropositive Probability: hp_urea



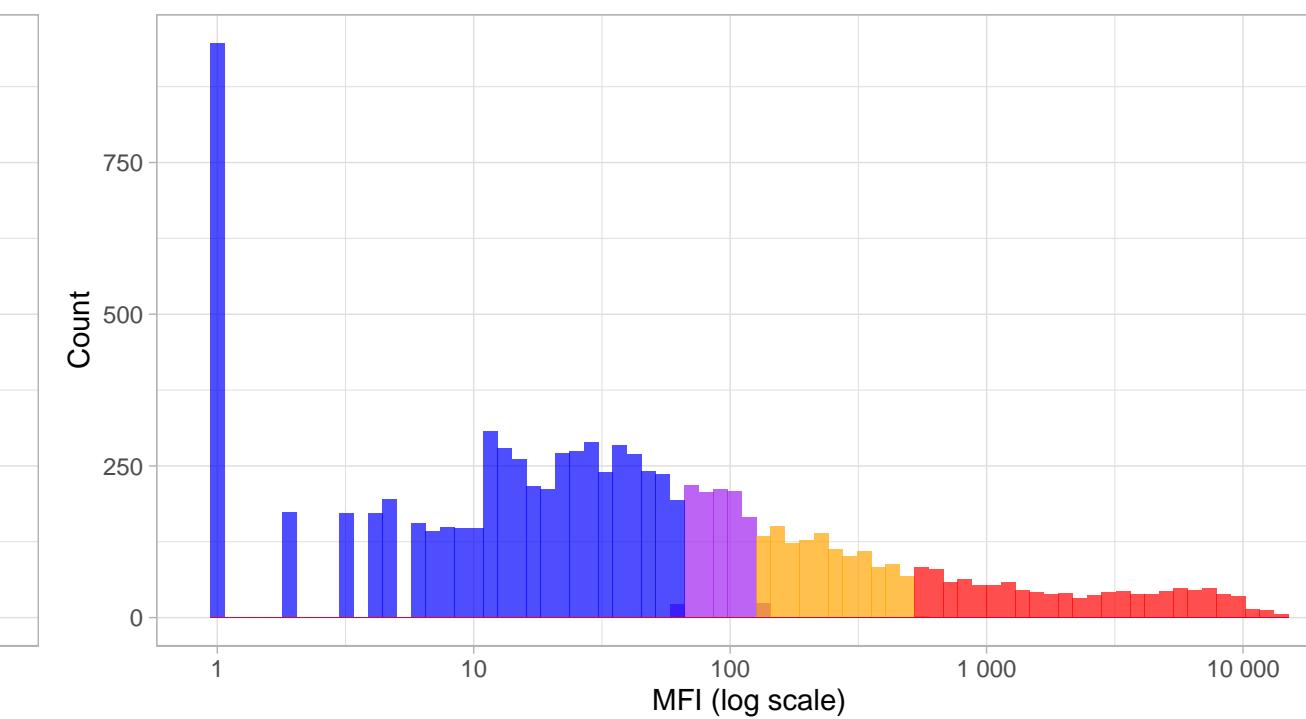
High-Confidence Seropositive Distribution: hp_urea

Prob threshold = 0.96



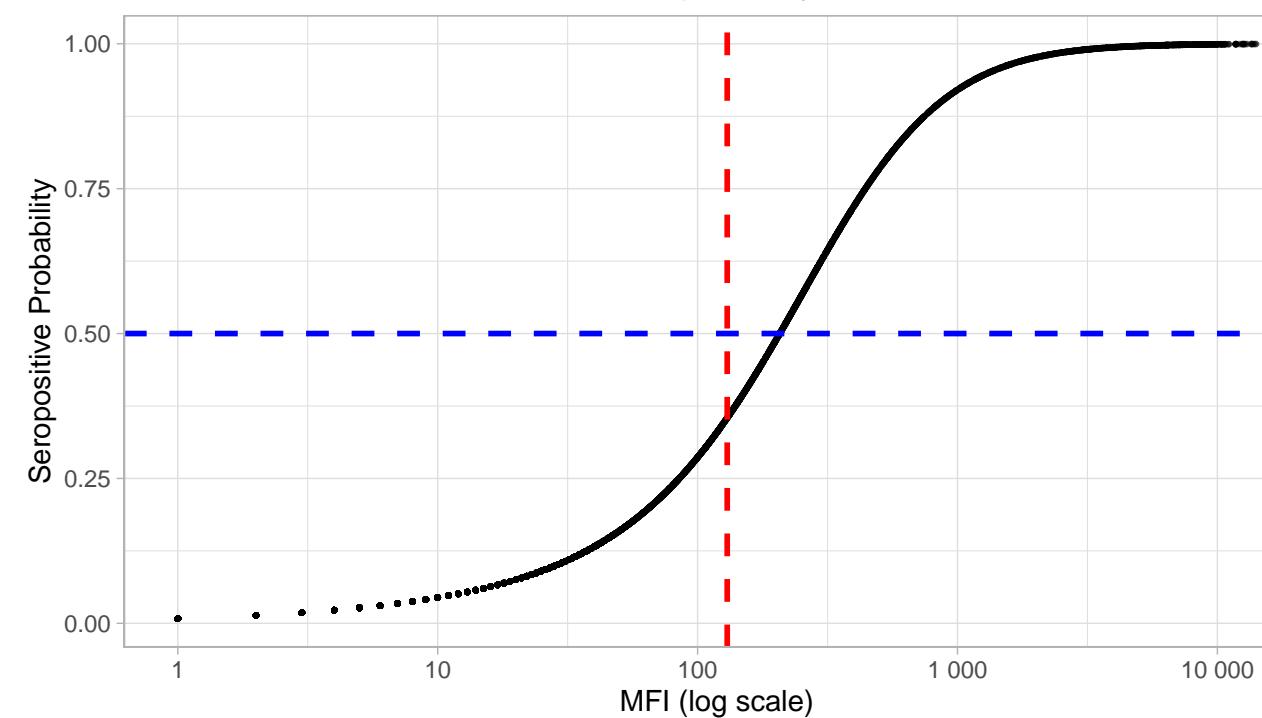
Phenotype Distribution by Classification: hp_urea

Comparing hard vs soft classifications



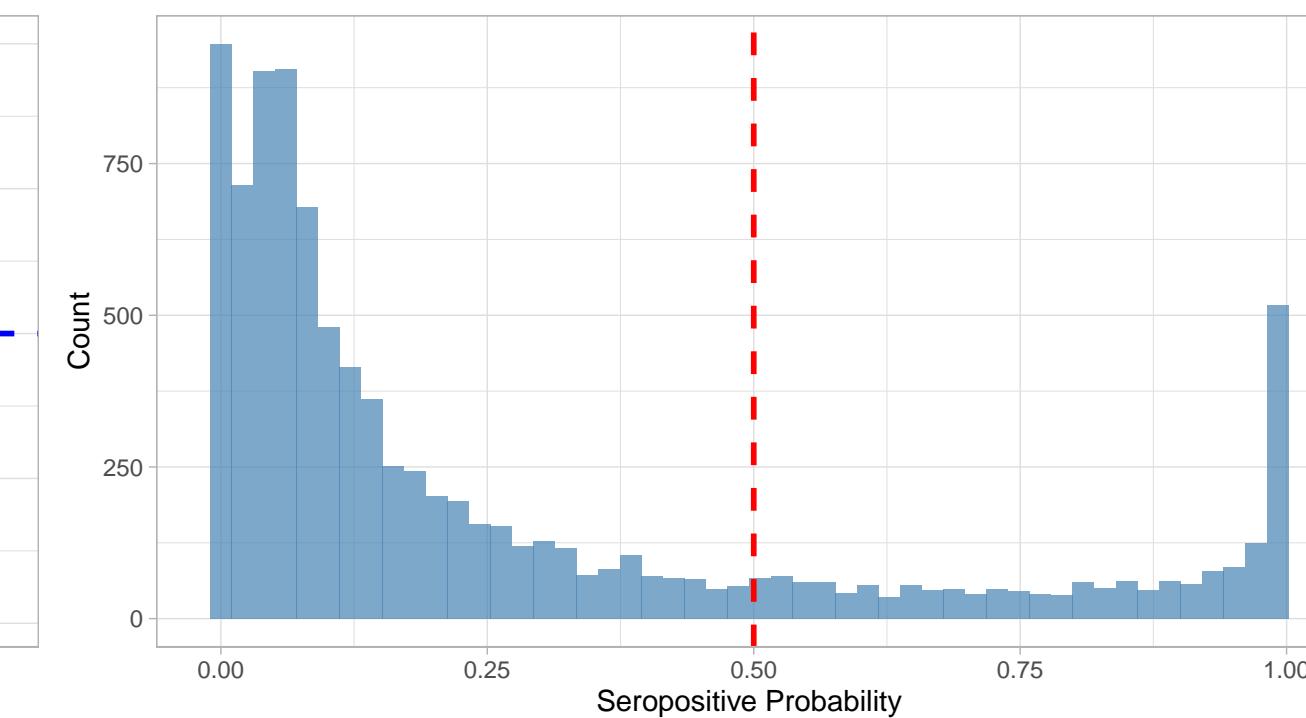
IgG Level vs Seropositive Probability: hp_urea

Red line = hard threshold, Blue line = 50% probability



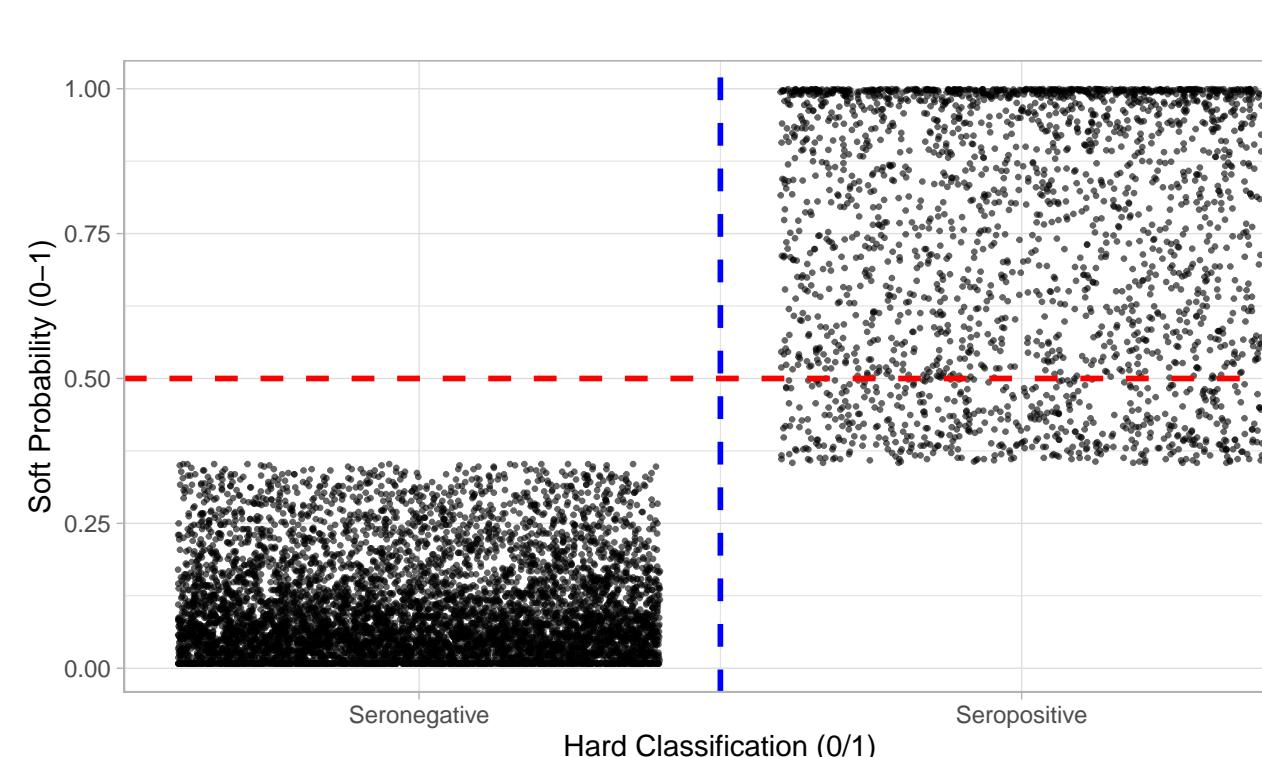
Distribution of Seropositive Probabilities: hp_urea

Red line = 50% threshold



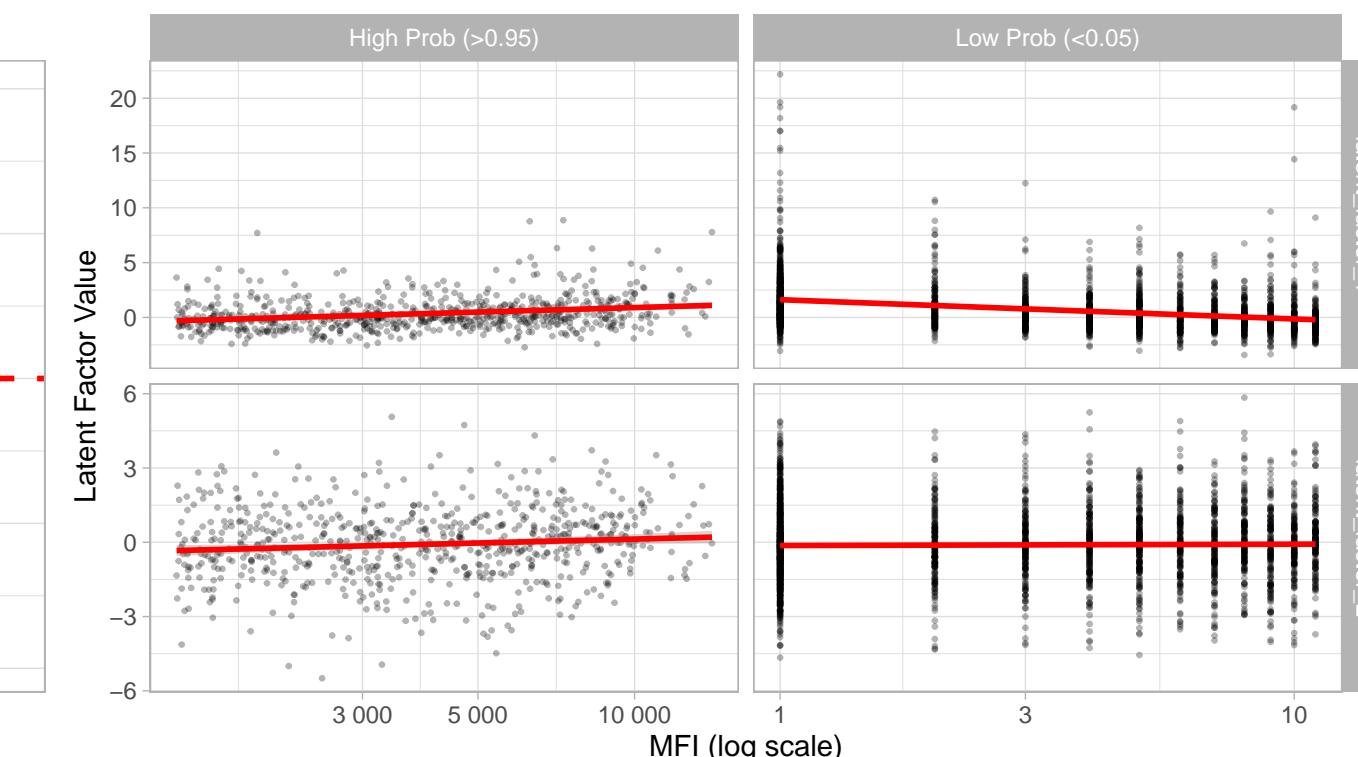
Hard vs Soft Classification: hp_urea

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hp_urea

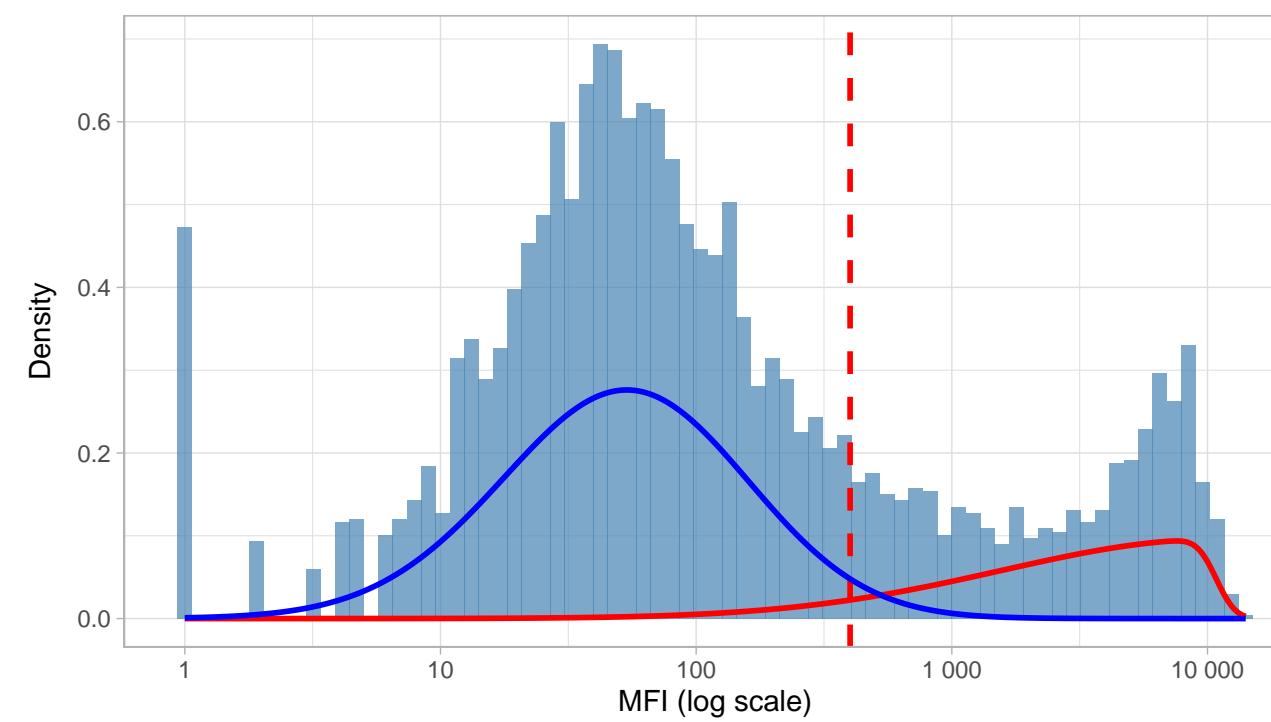
Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)



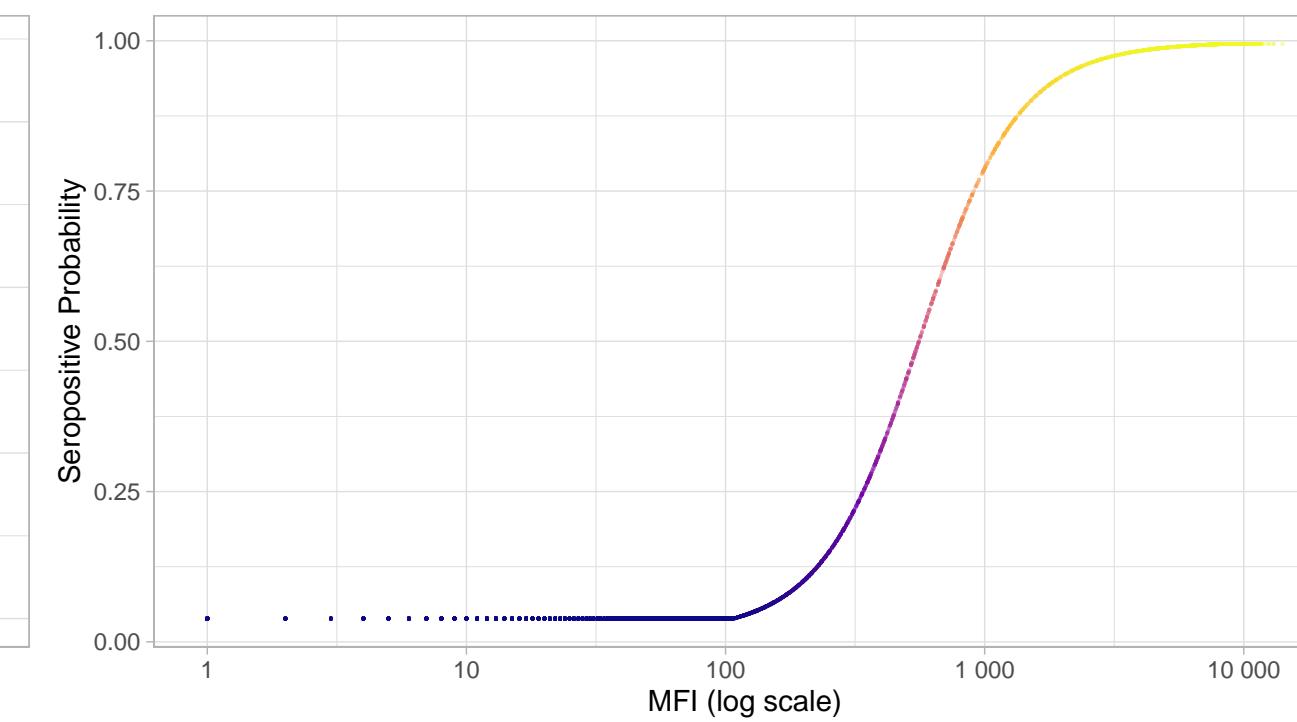
Diagnostics: hp_caga

N=4754 | >0.95=642 | <0.05=2955 | Ambig=1157

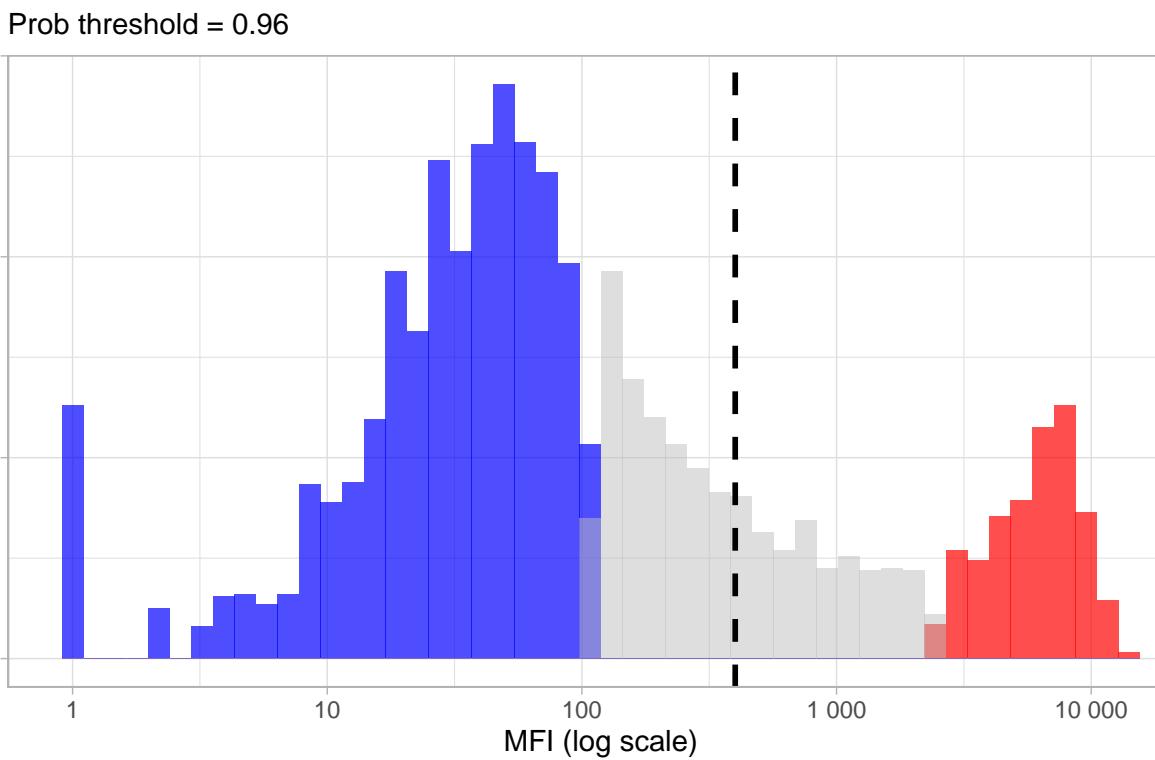
Original MFI Distribution: hp_caga
Hard cutoff threshold = 400



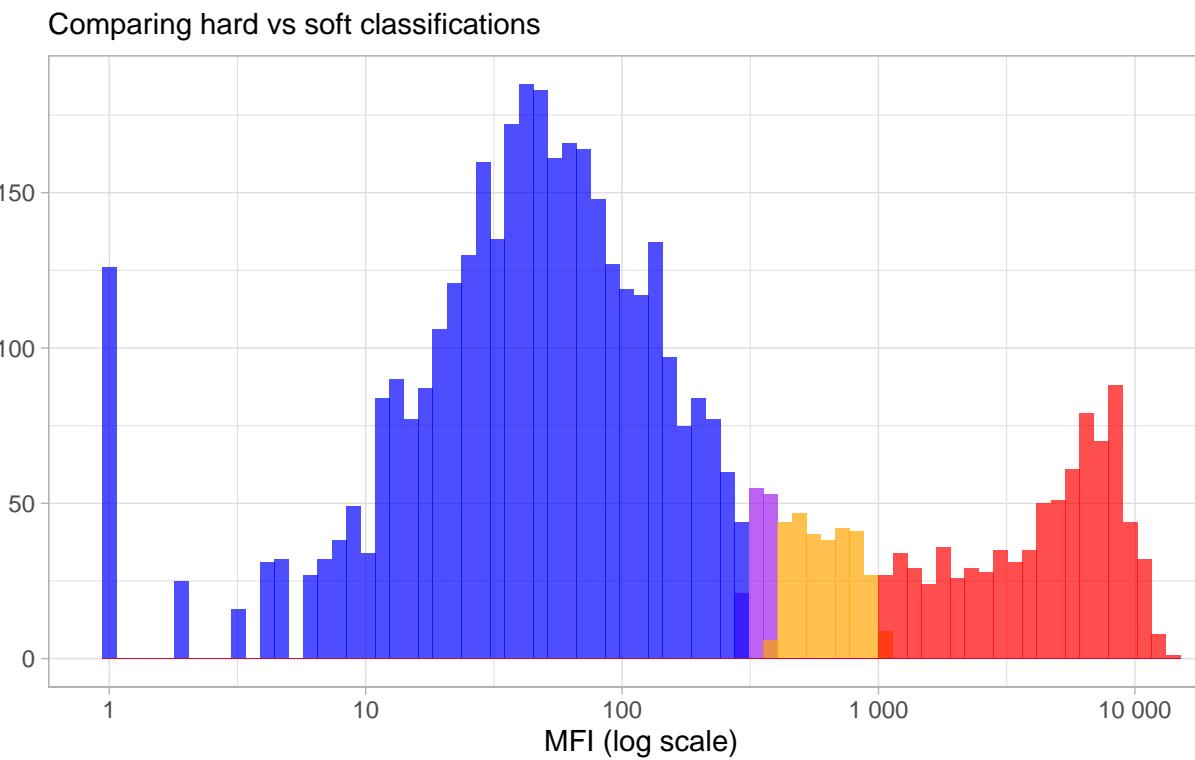
IgG vs Seropositive Probability: hp_caga



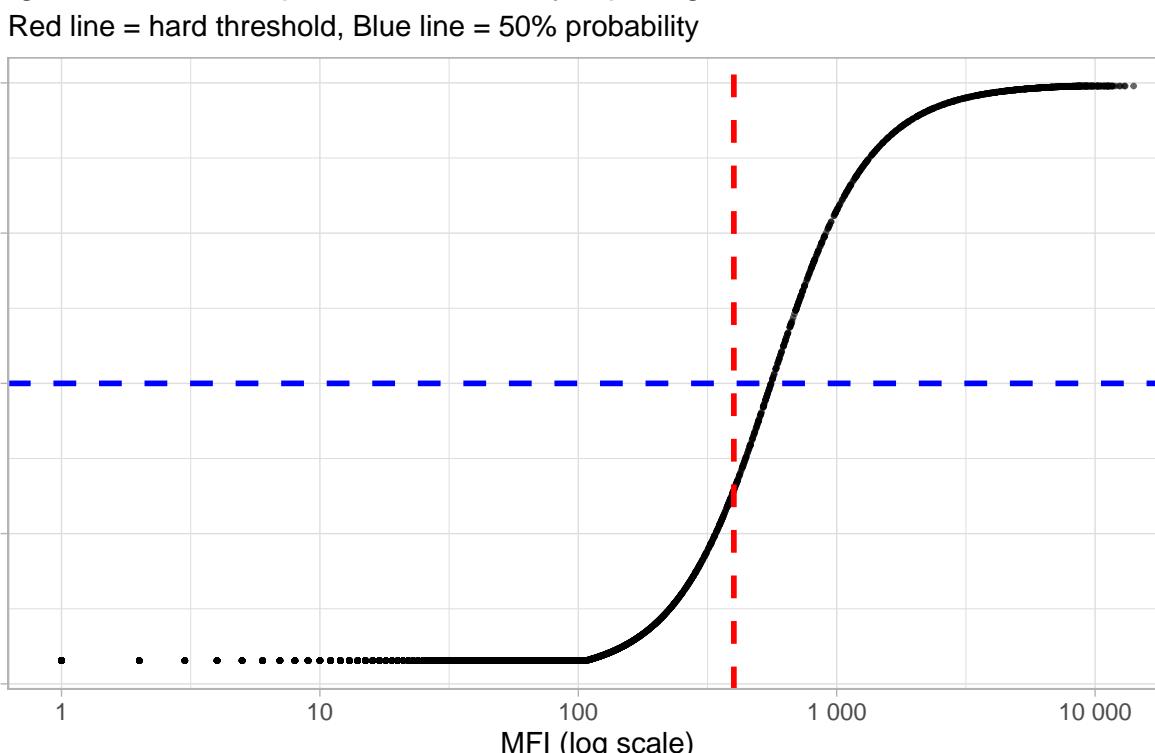
High-Confidence Seropositive Distribution: hp_caga



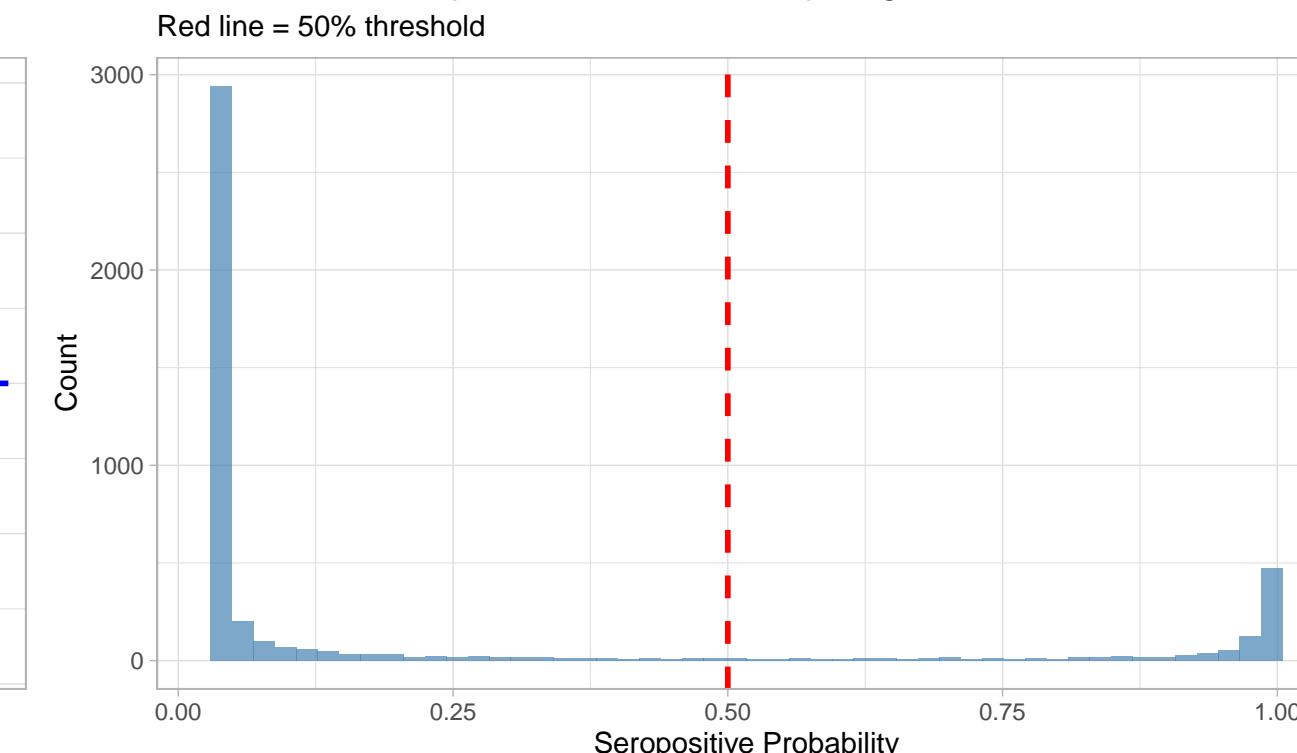
Phenotype Distribution by Classification: hp_caga



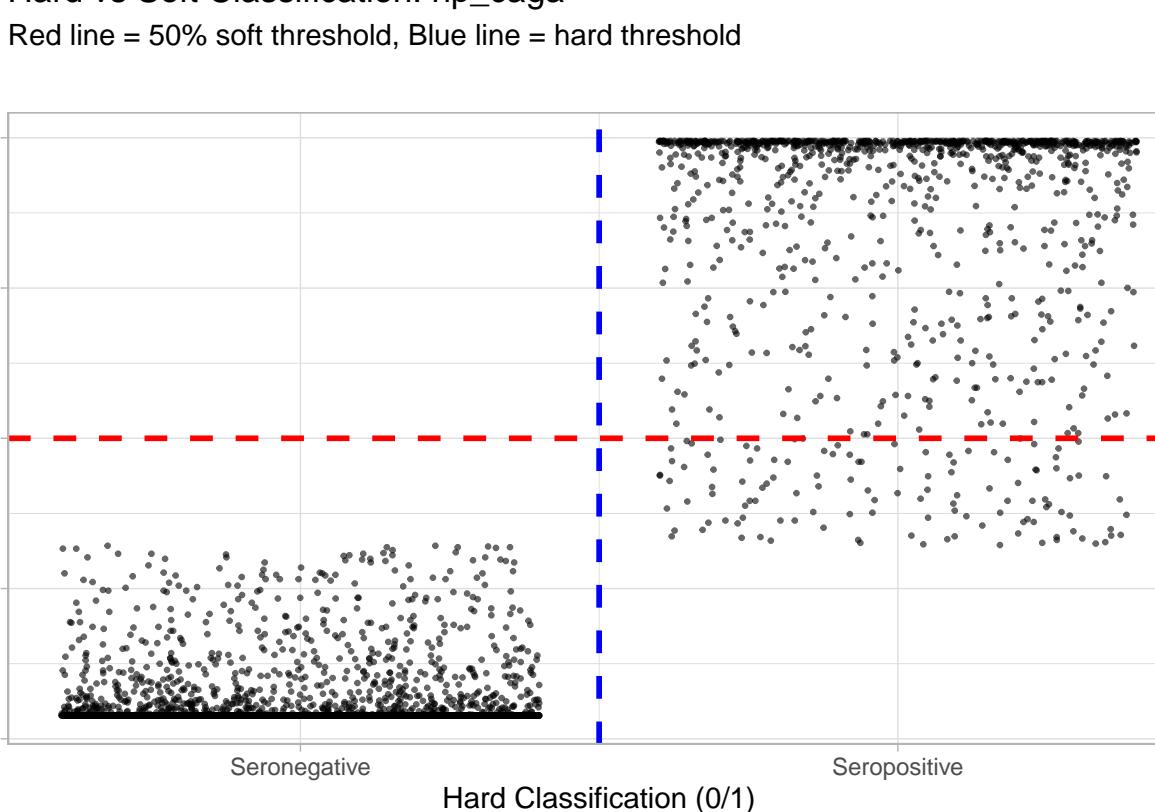
IgG Level vs Seropositive Probability: hp_caga



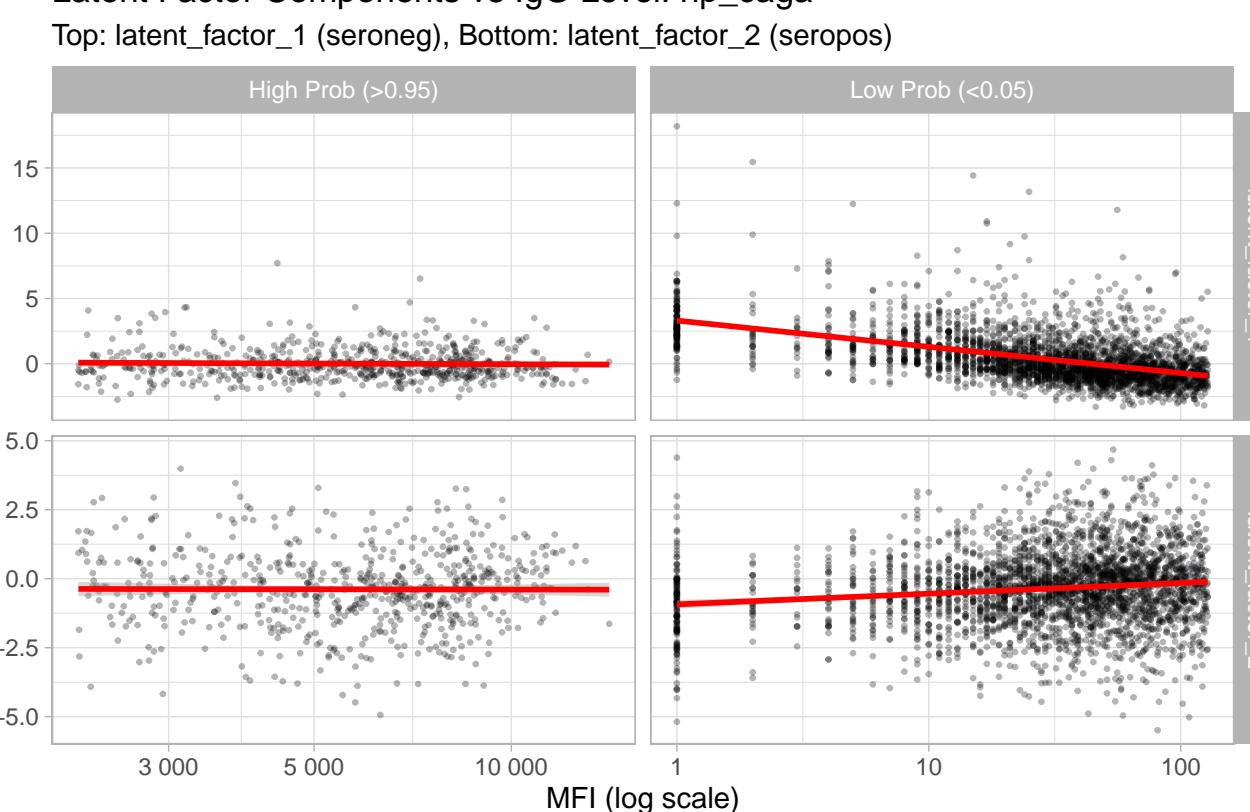
Distribution of Seropositive Probabilities: hp_caga



Hard vs Soft Classification: hp_caga



Latent Factor Components vs IgG Level: hp_caga

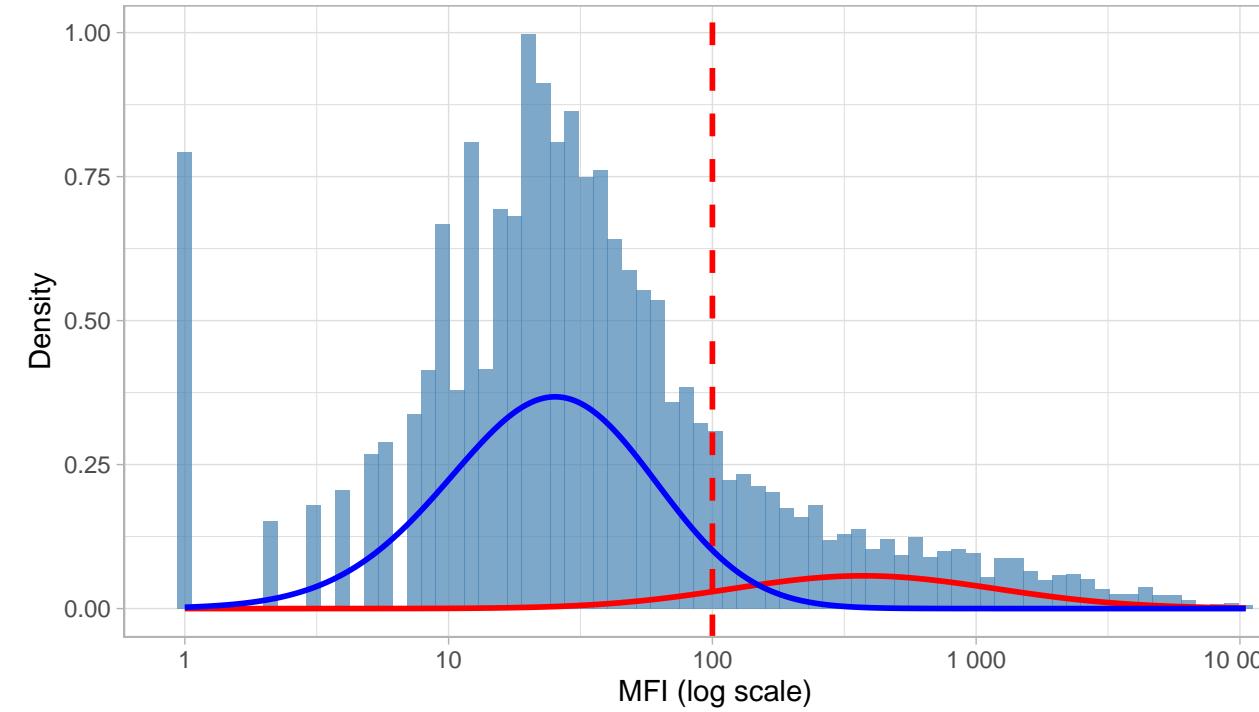


Diagnostics: hp_vaca

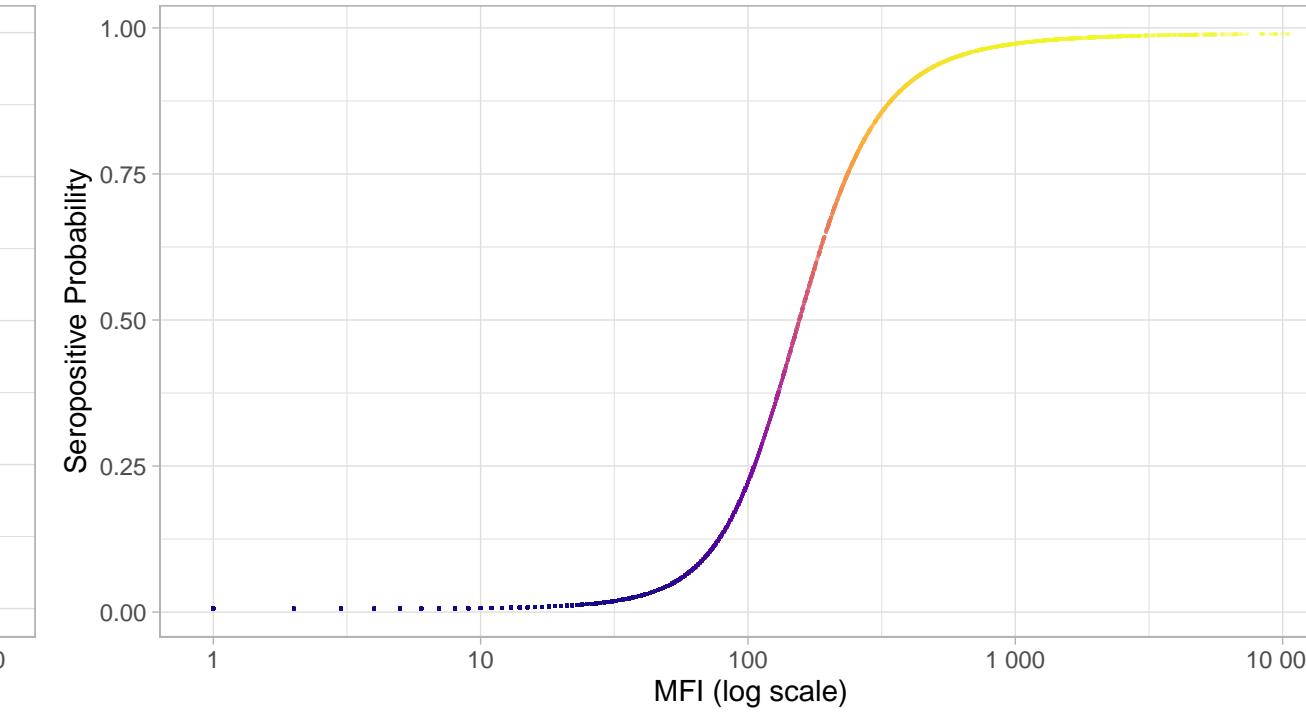
N=9424 | >0.95=601 | <0.05=6501 | Ambig=2322

Original MFI Distribution: hp_vaca

Hard cutoff threshold = 100

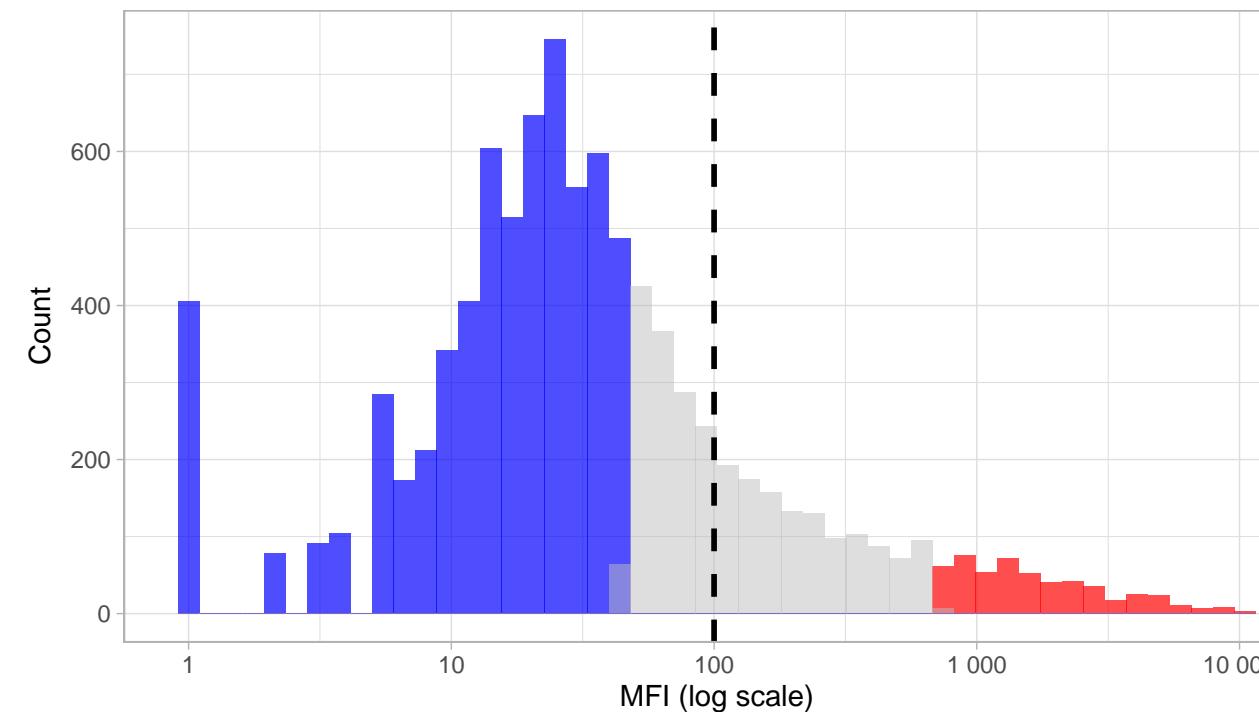


IgG vs Seropositive Probability: hp_vaca



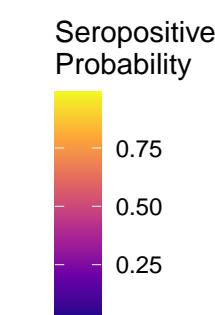
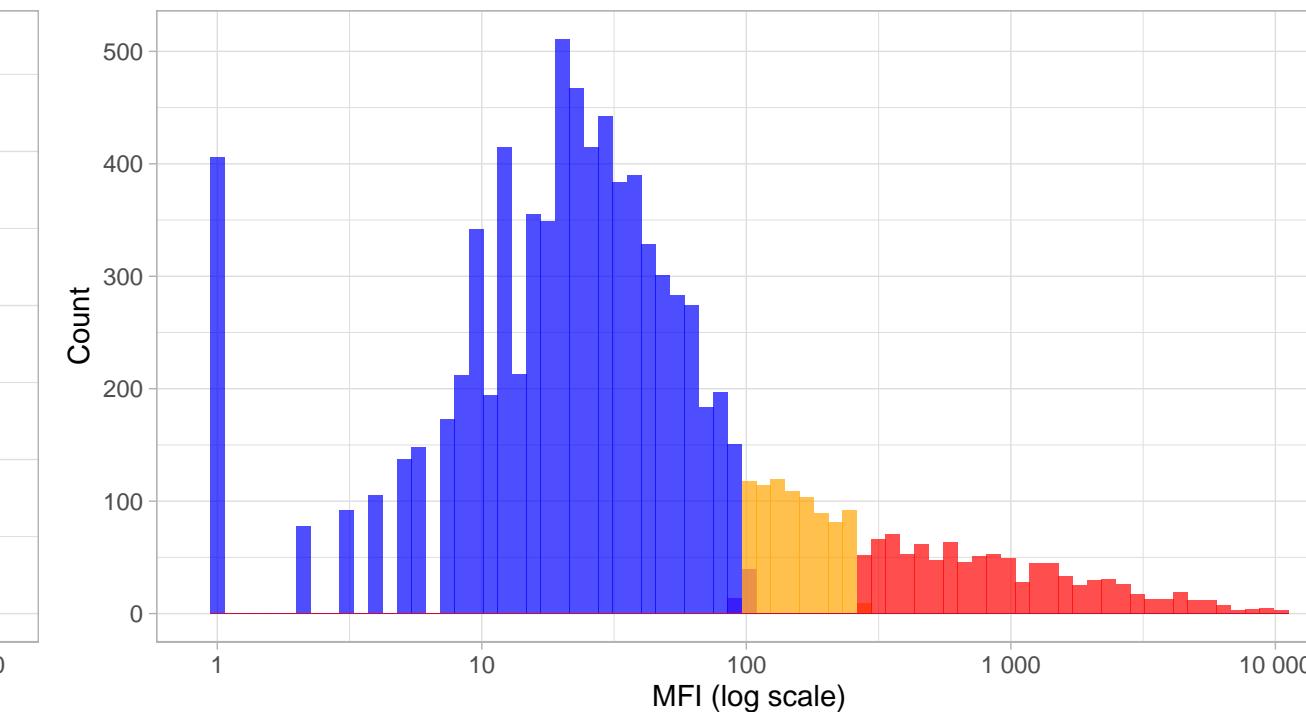
High-Confidence Seropositive Distribution: hp_vaca

Prob threshold = 0.96

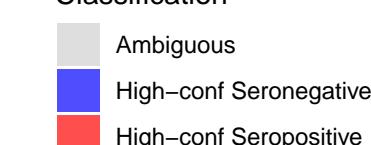


Phenotype Distribution by Classification: hp_vaca

Comparing hard vs soft classifications

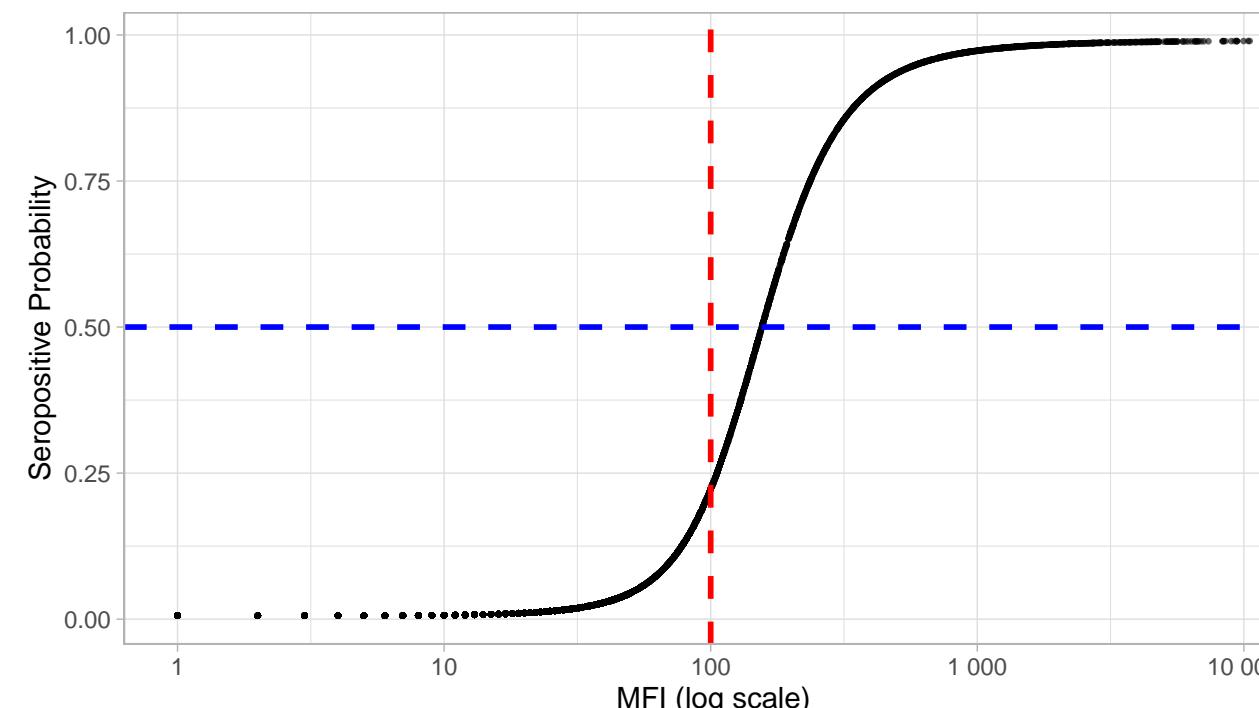


Classification



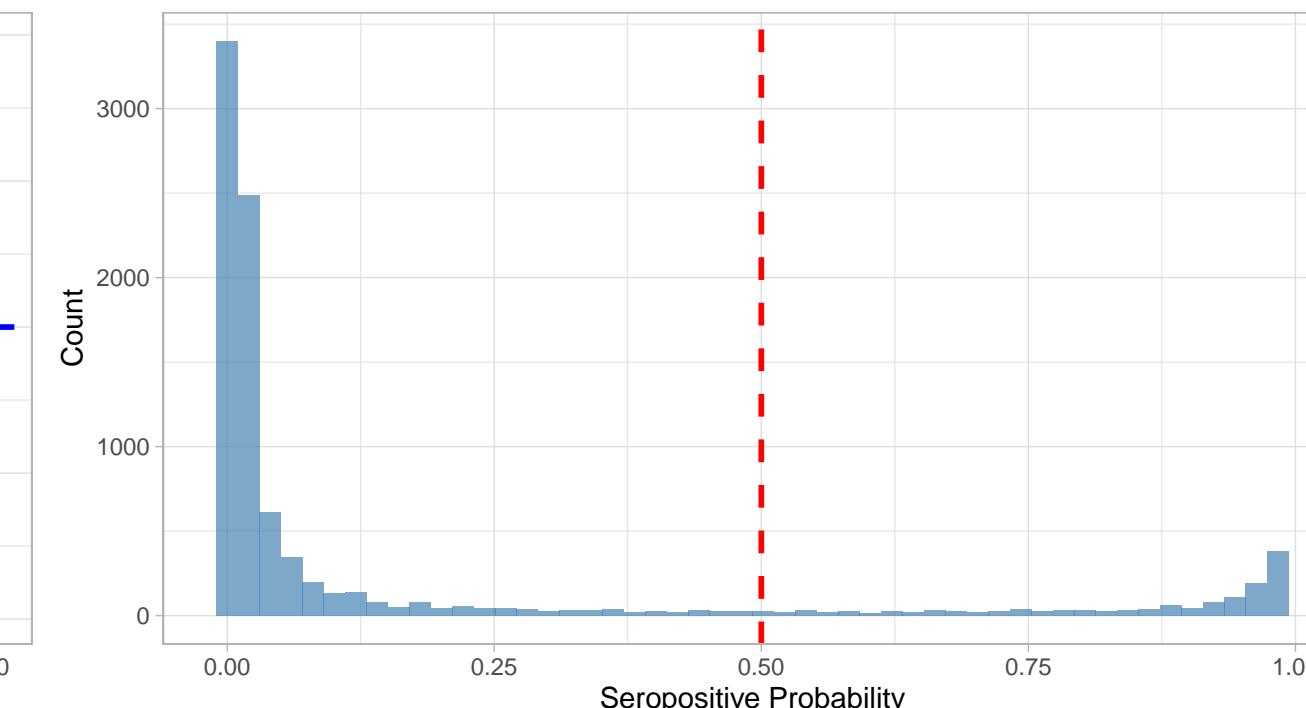
IgG Level vs Seropositive Probability: hp_vaca

Red line = hard threshold, Blue line = 50% probability



Distribution of Seropositive Probabilities: hp_vaca

Red line = 50% threshold

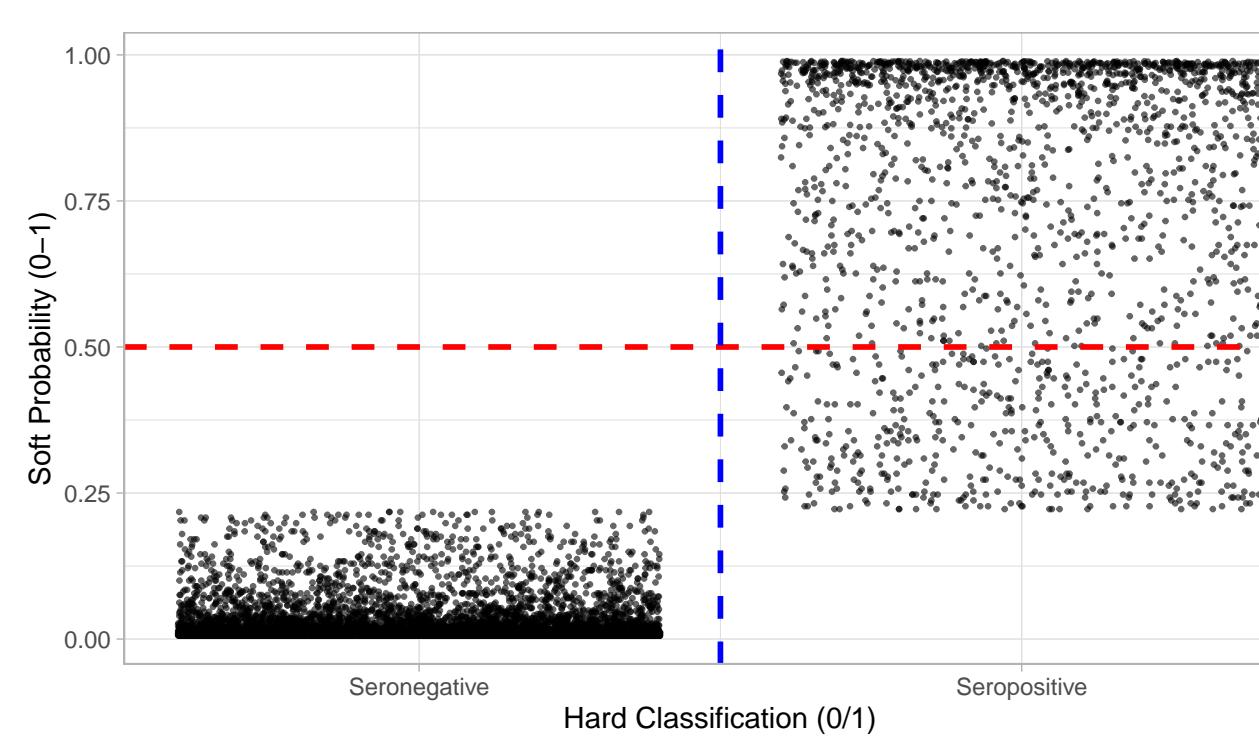


Classification



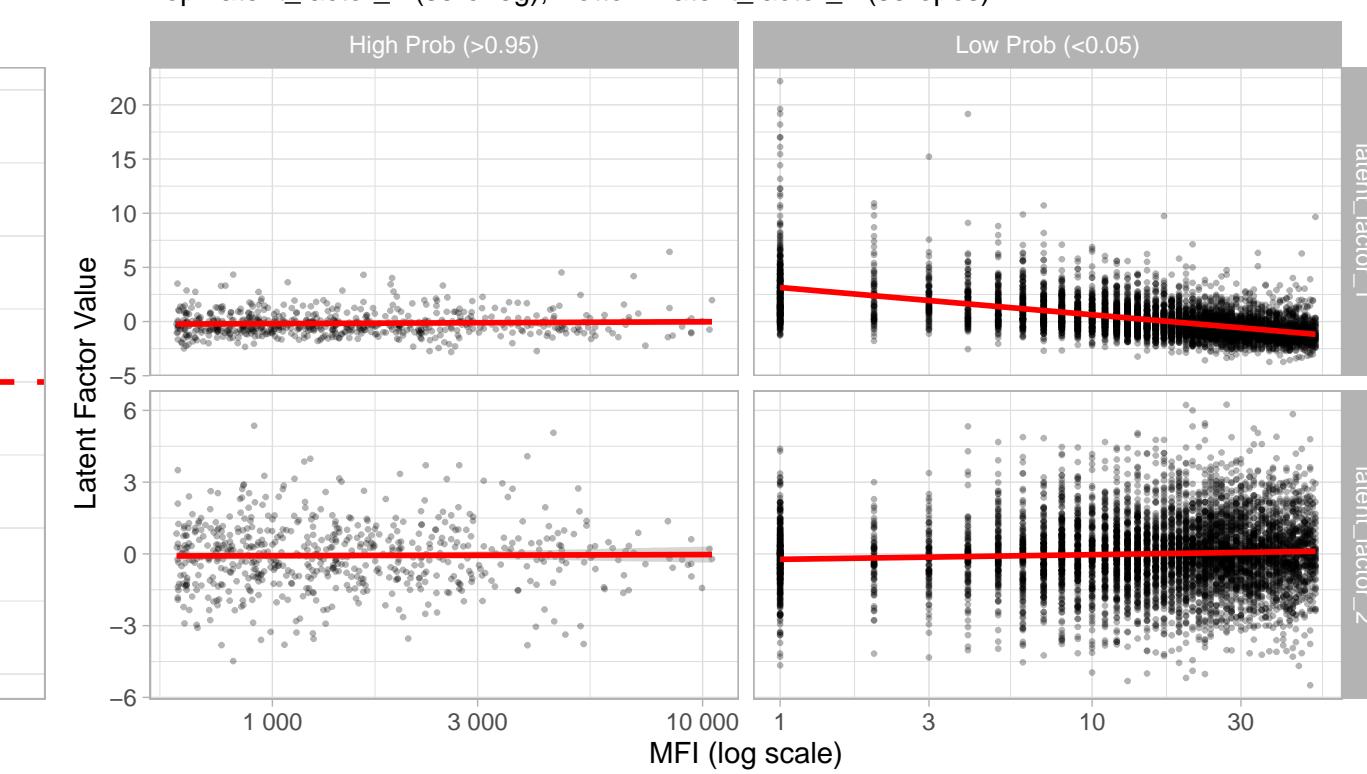
Hard vs Soft Classification: hp_vaca

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hp_vaca

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

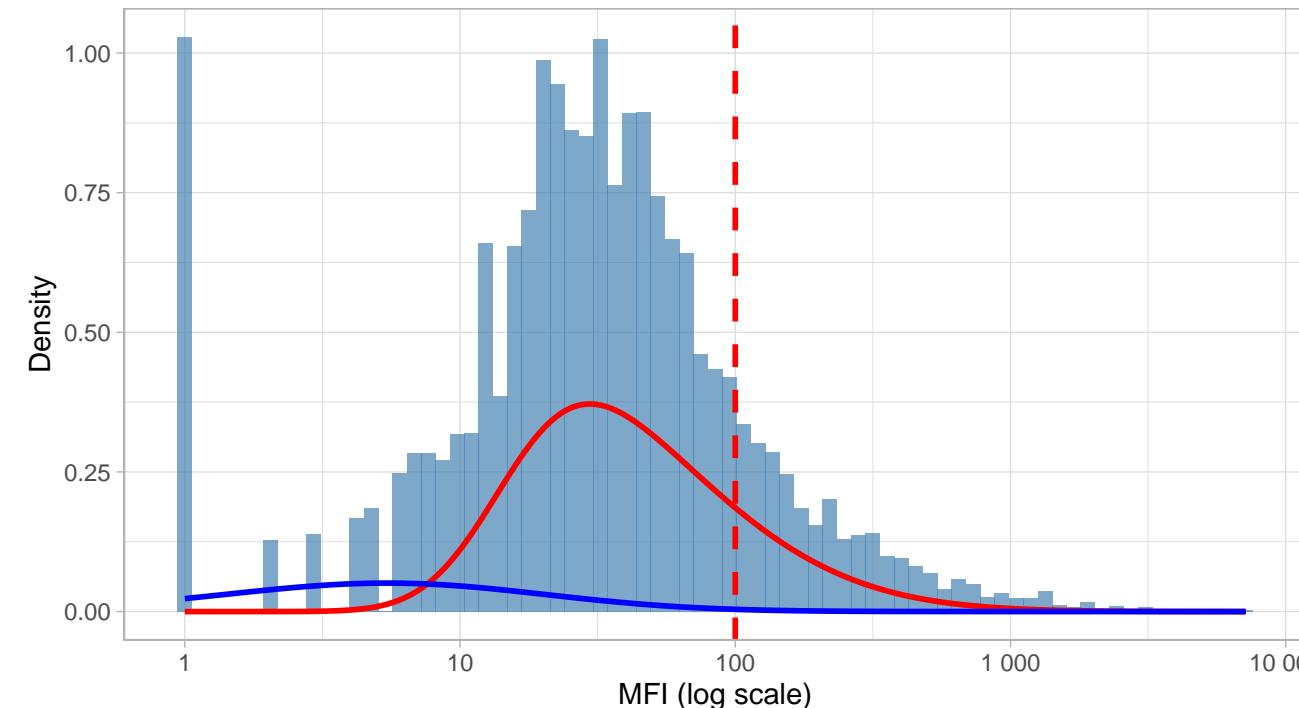


Diagnostics: toxo_p22

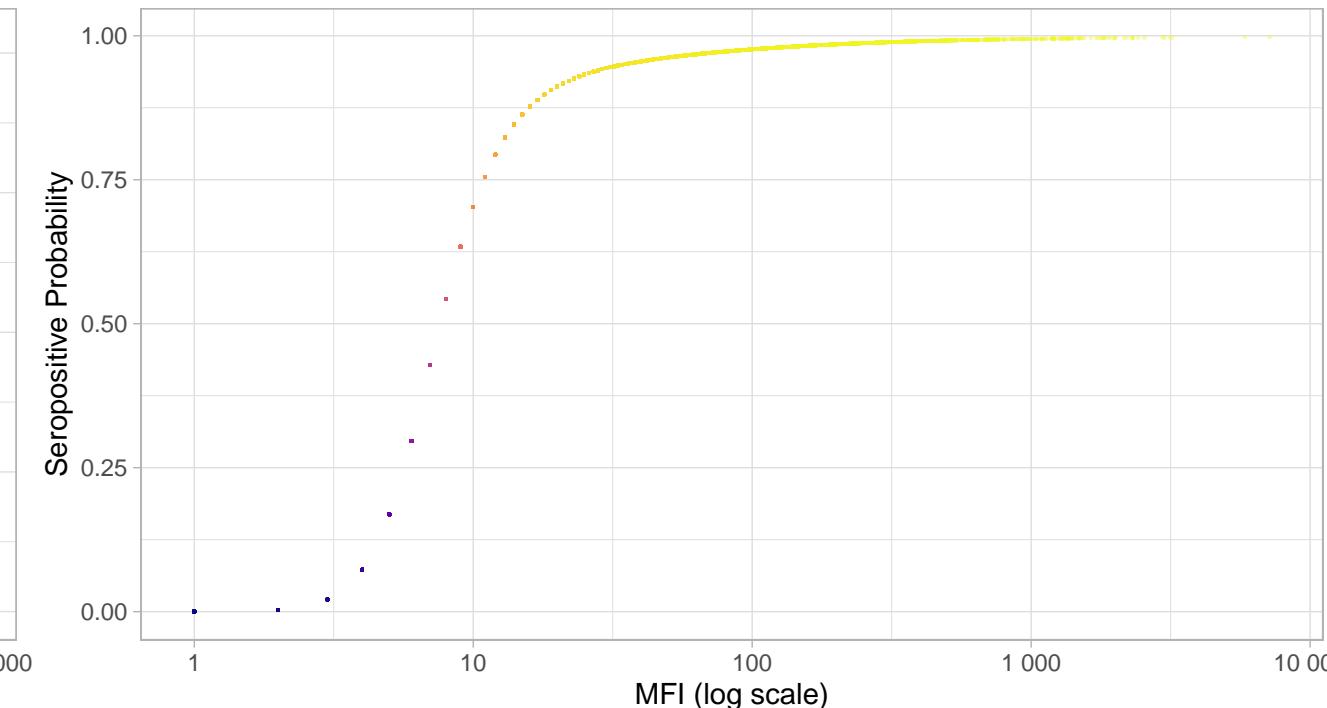
N=9424 | >0.95=4289 | <0.05=636 | Ambig=4499

Original MFI Distribution: toxo_p22

Hard cutoff threshold = 100

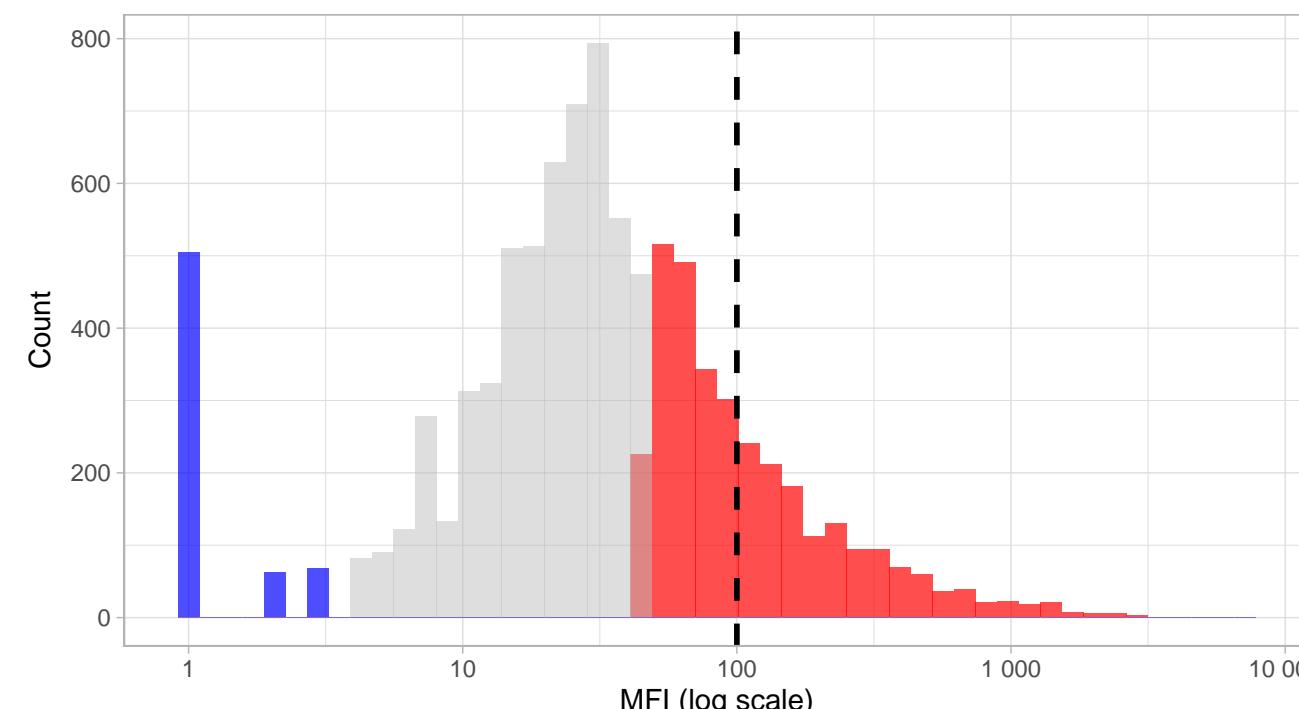


IgG vs Seropositive Probability: toxo_p22



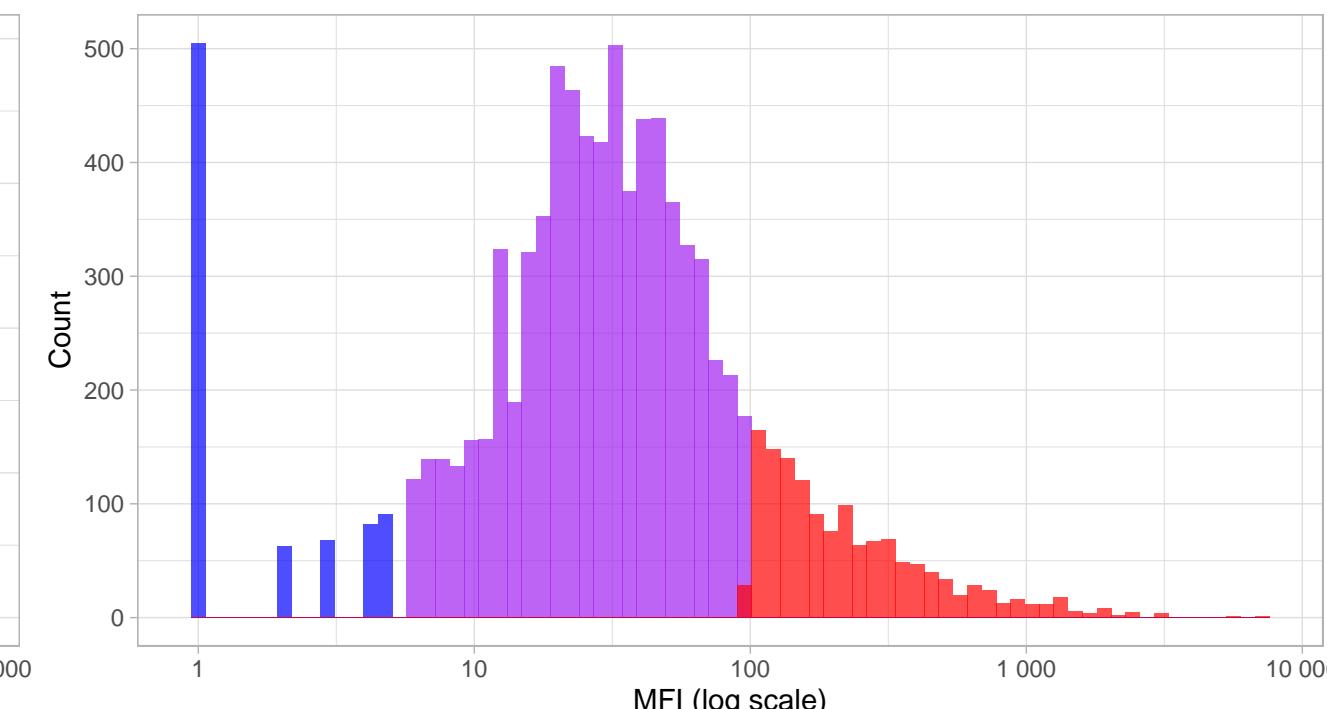
High-Confidence Seropositive Distribution: toxo_p22

Prob threshold = 0.96



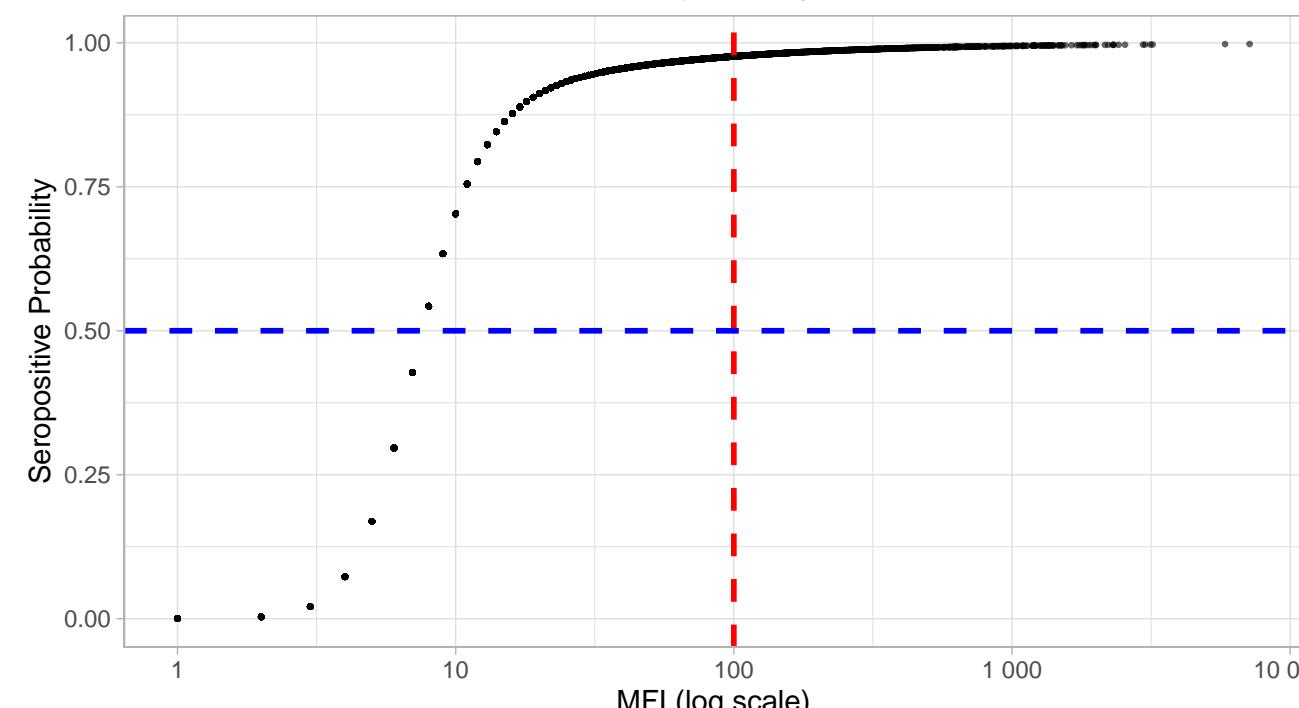
Phenotype Distribution by Classification: toxo_p22

Comparing hard vs soft classifications



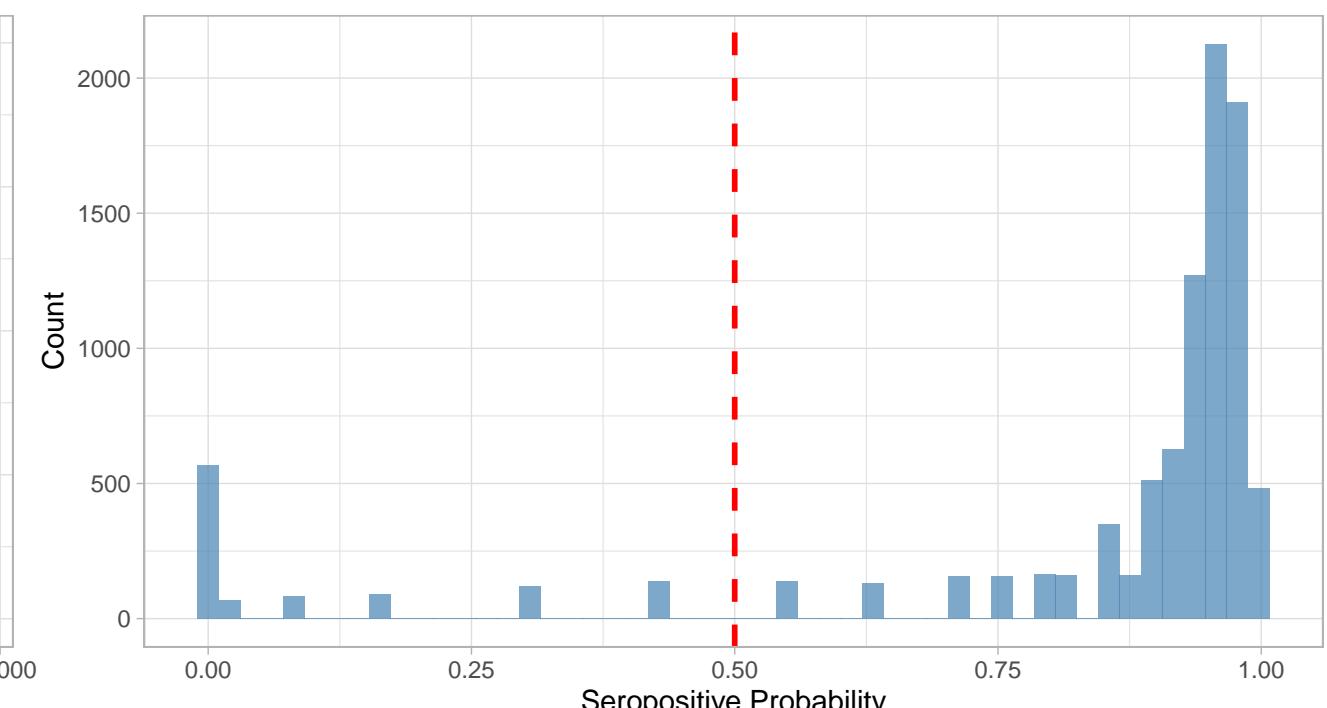
IgG Level vs Seropositive Probability: toxo_p22

Red line = hard threshold, Blue line = 50% probability



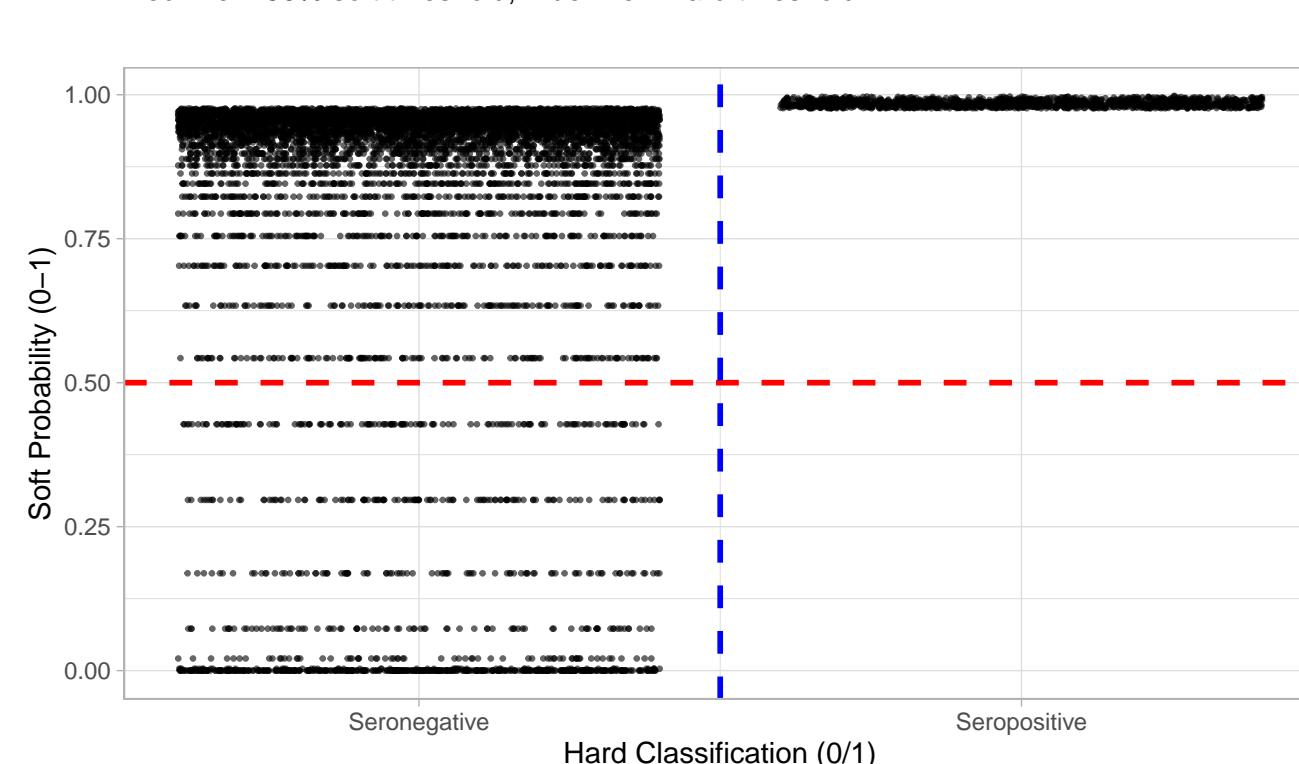
Distribution of Seropositive Probabilities: toxo_p22

Red line = 50% threshold



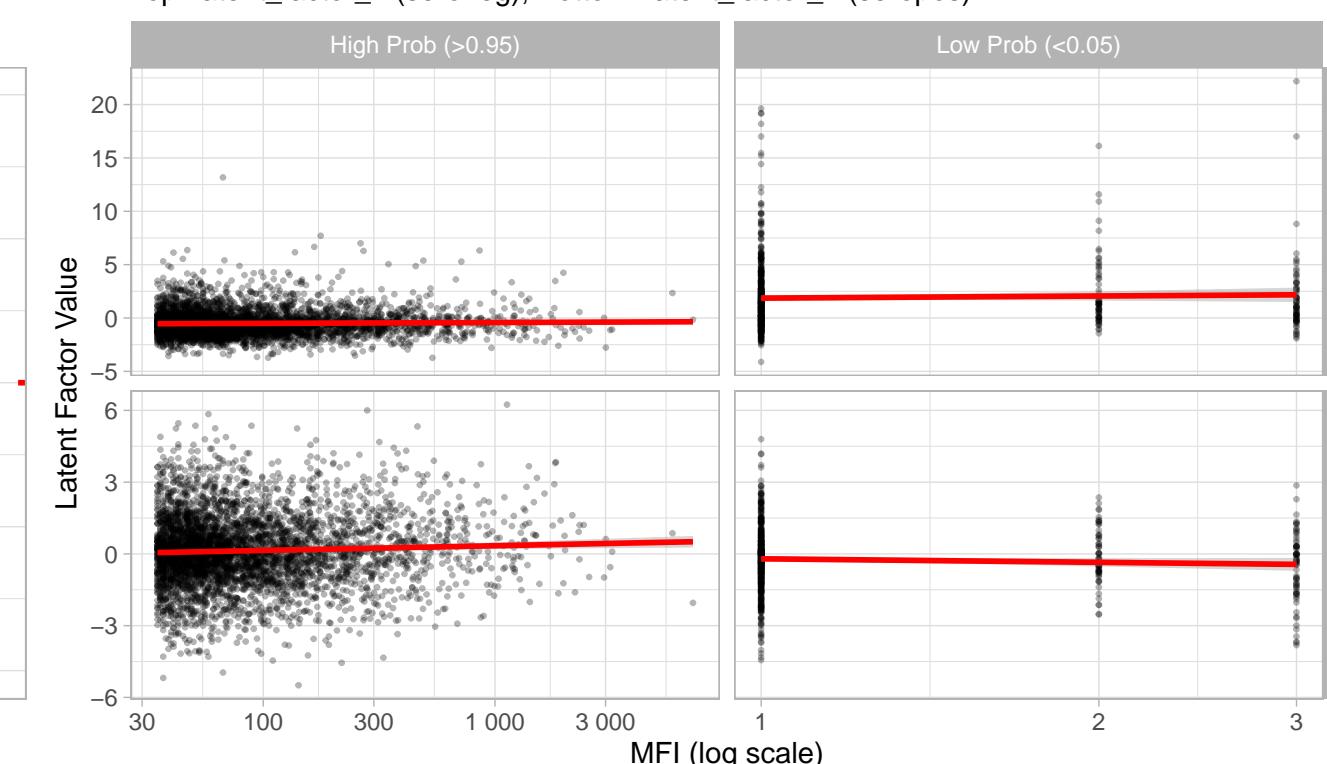
Hard vs Soft Classification: toxo_p22

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: toxo_p22

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

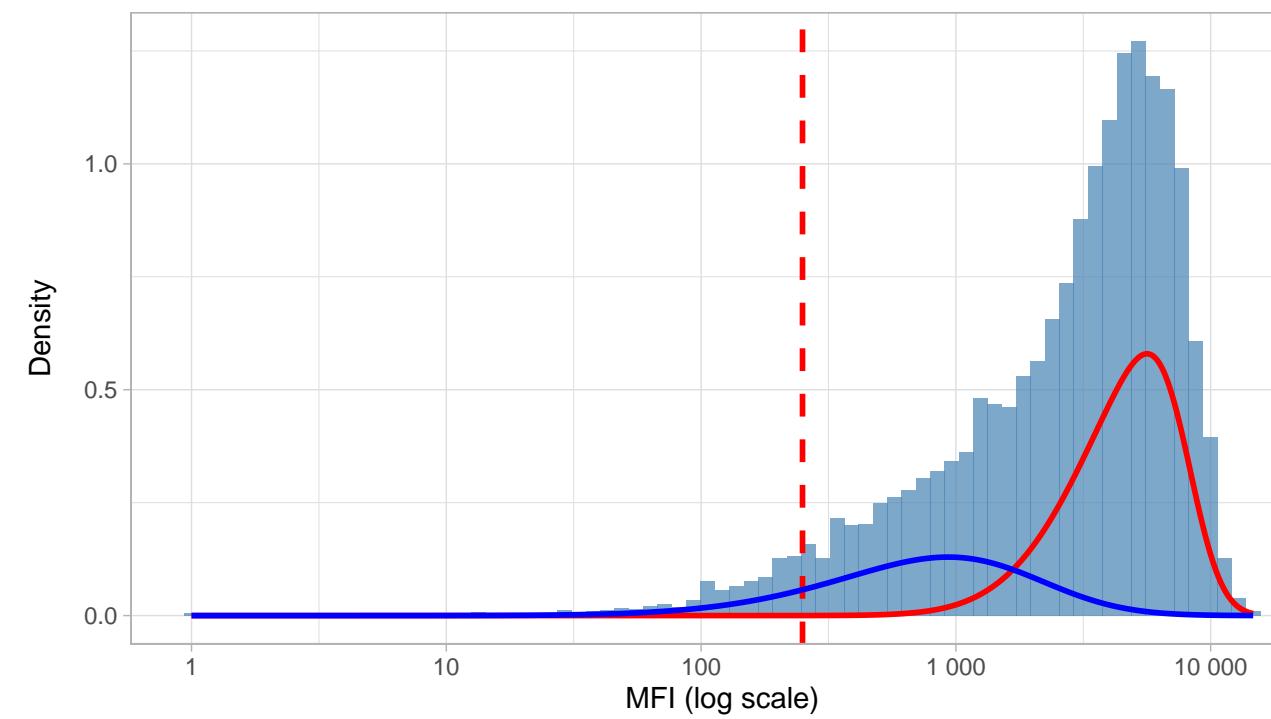


Diagnostics: bkv_vp1

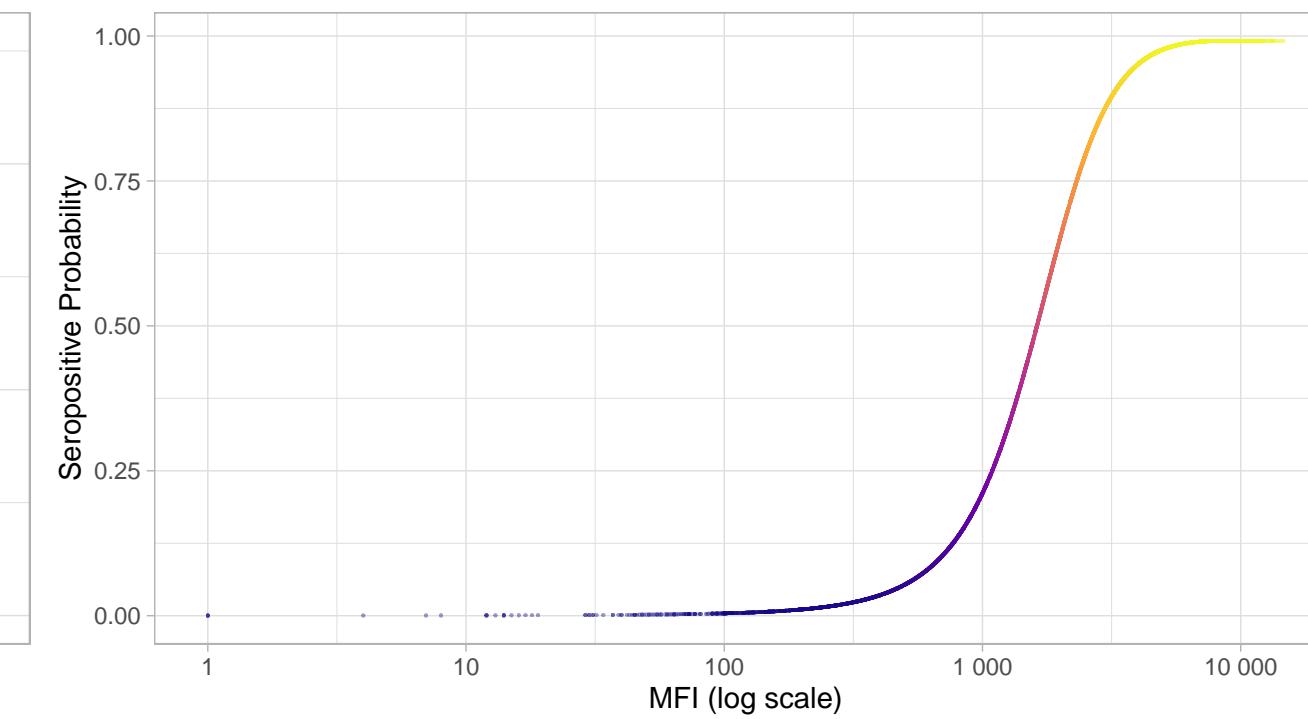
N=9424 | >0.95=4129 | <0.05=932 | Ambig=4363

Original MFI Distribution: bkv_vp1

Hard cutoff threshold = 250

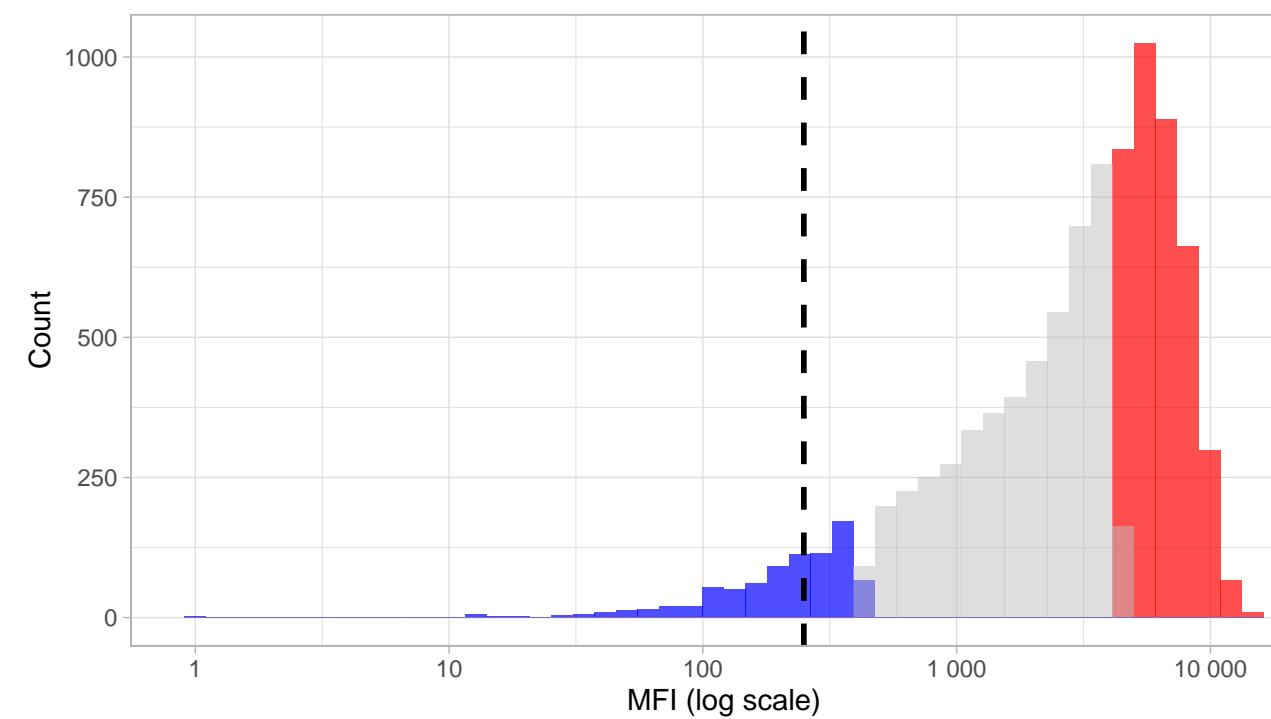


IgG vs Seropositive Probability: bkv_vp1



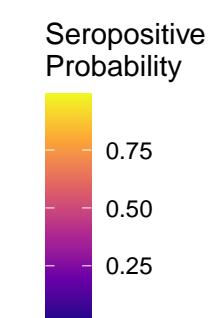
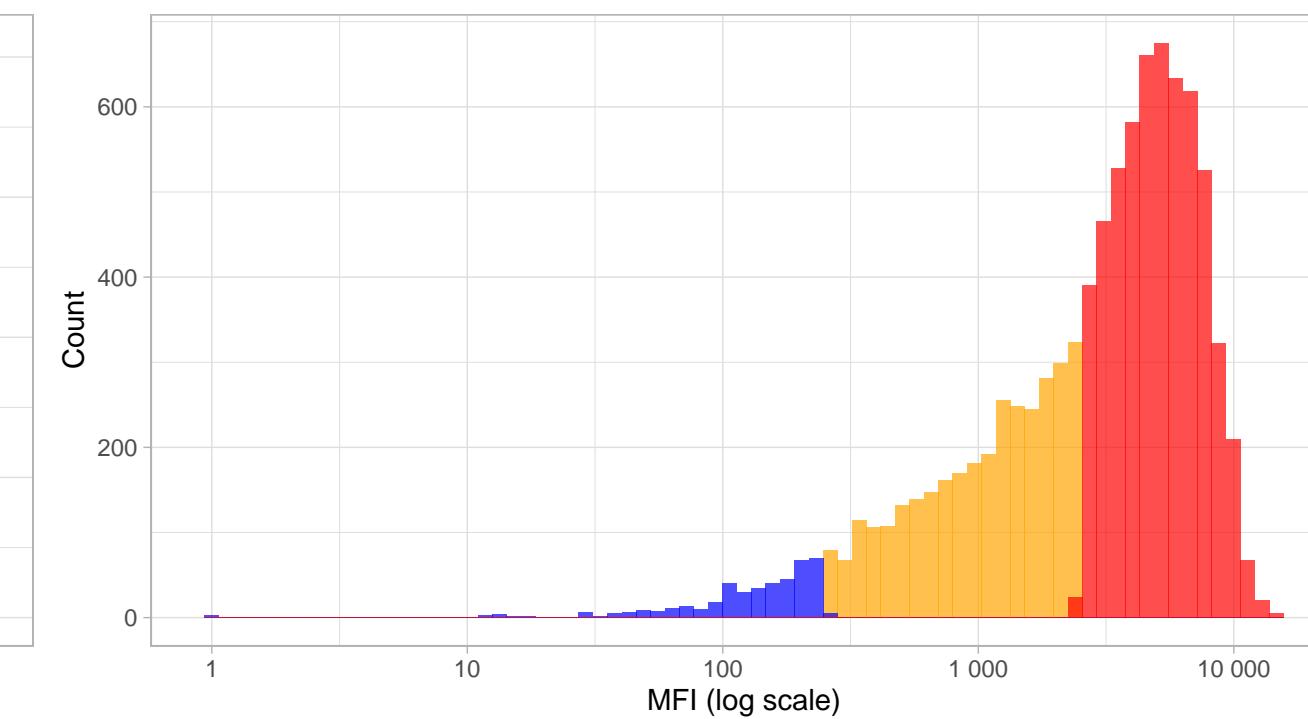
High-Confidence Seropositive Distribution: bkv_vp1

Prob threshold = 0.96



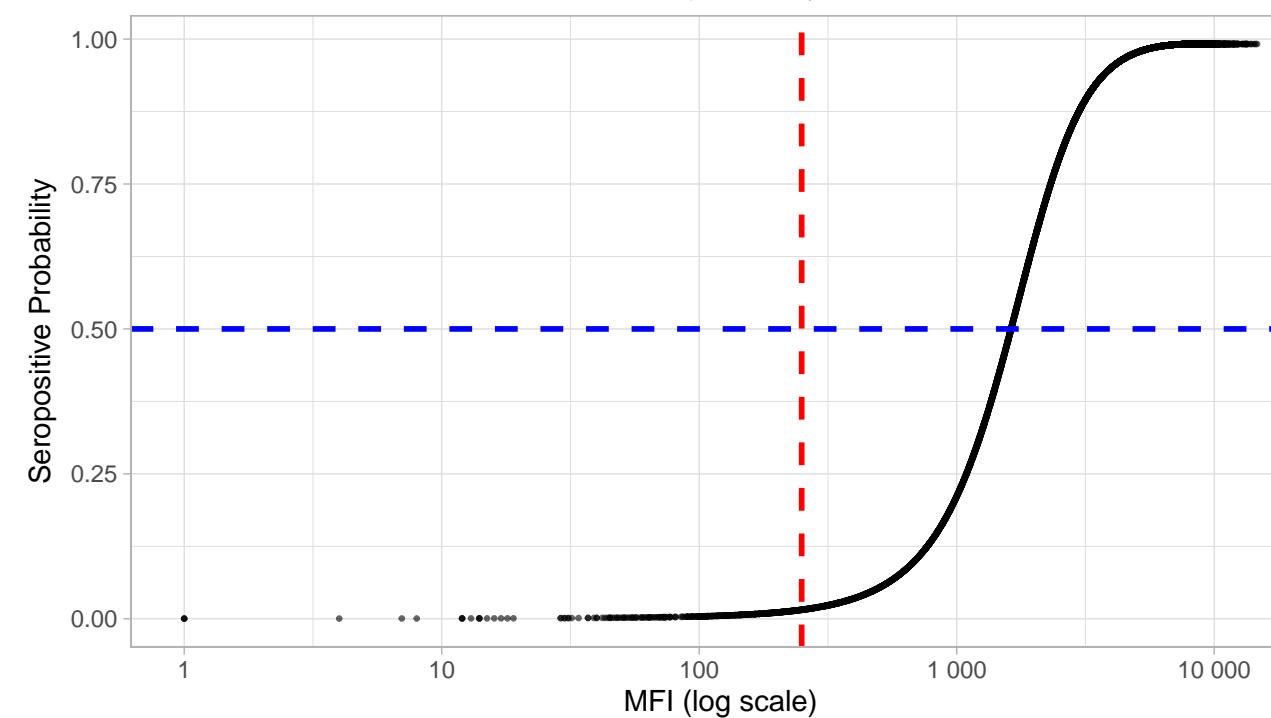
Phenotype Distribution by Classification: bkv_vp1

Comparing hard vs soft classifications



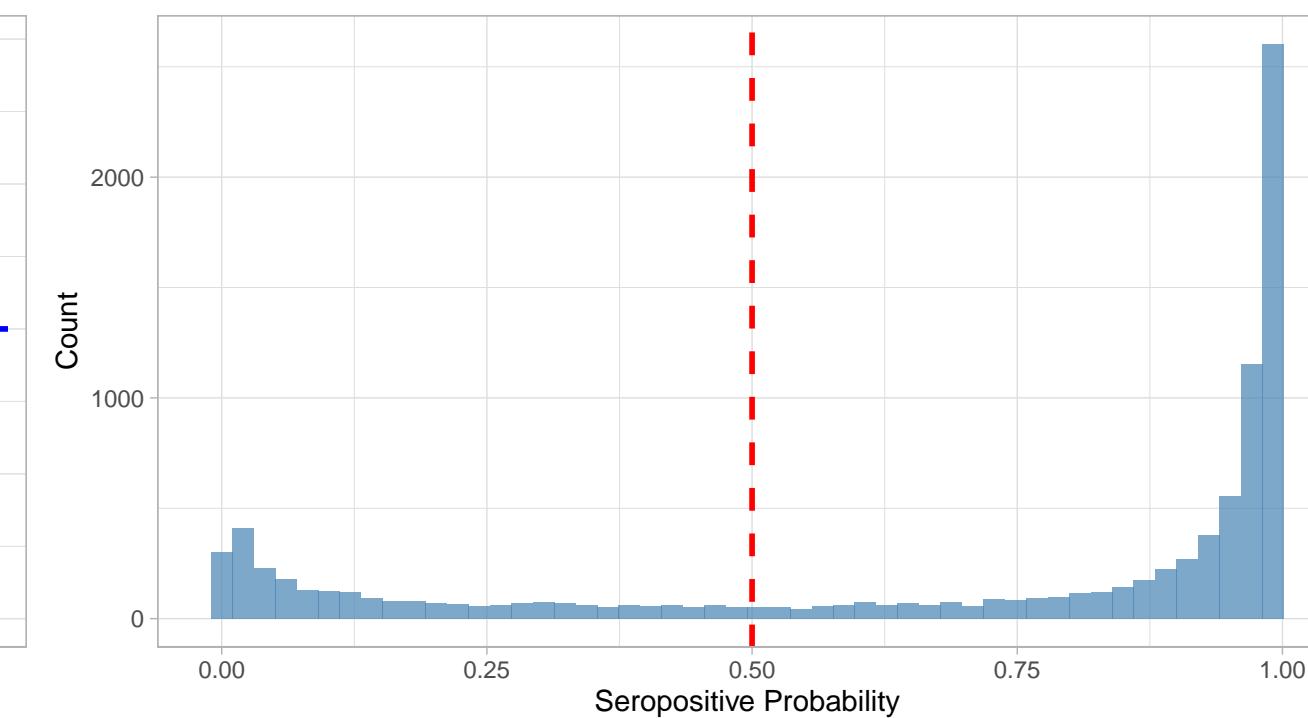
IgG Level vs Seropositive Probability: bkv_vp1

Red line = hard threshold, Blue line = 50% probability



Distribution of Seropositive Probabilities: bkv_vp1

Red line = 50% threshold



Classification

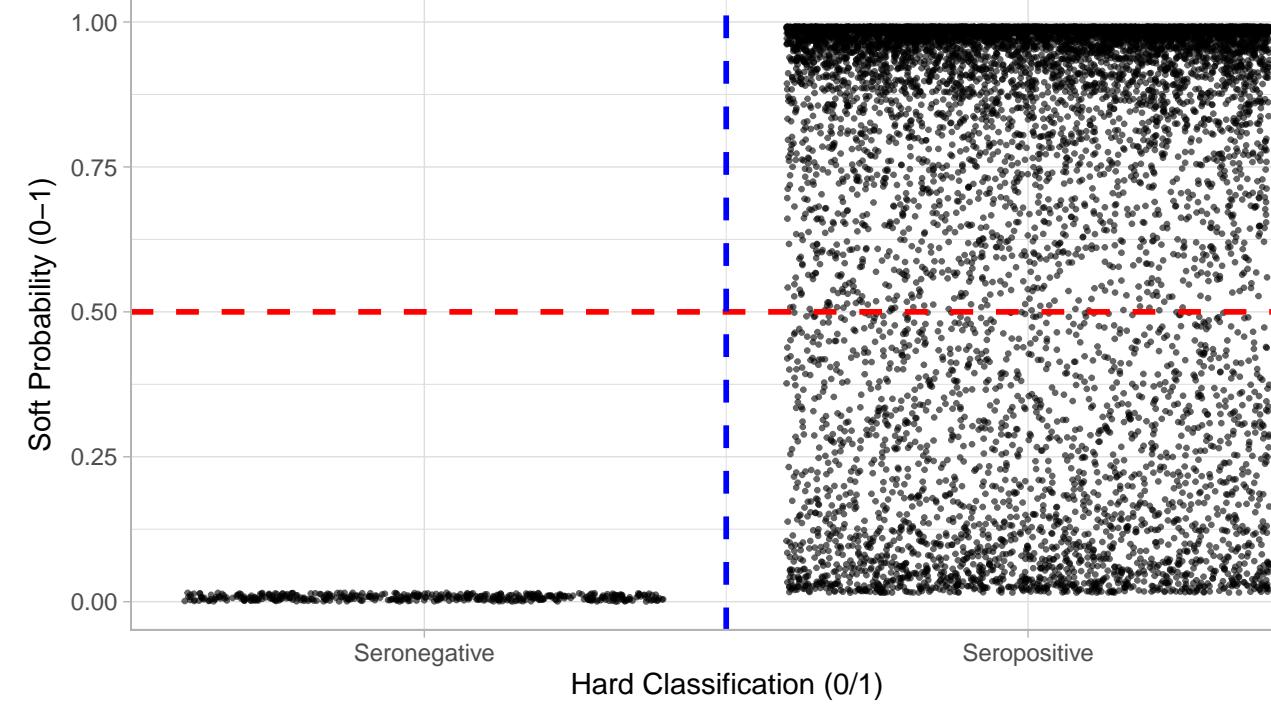
Ambiguous

High-conf Seronegative

High-conf Seropositive

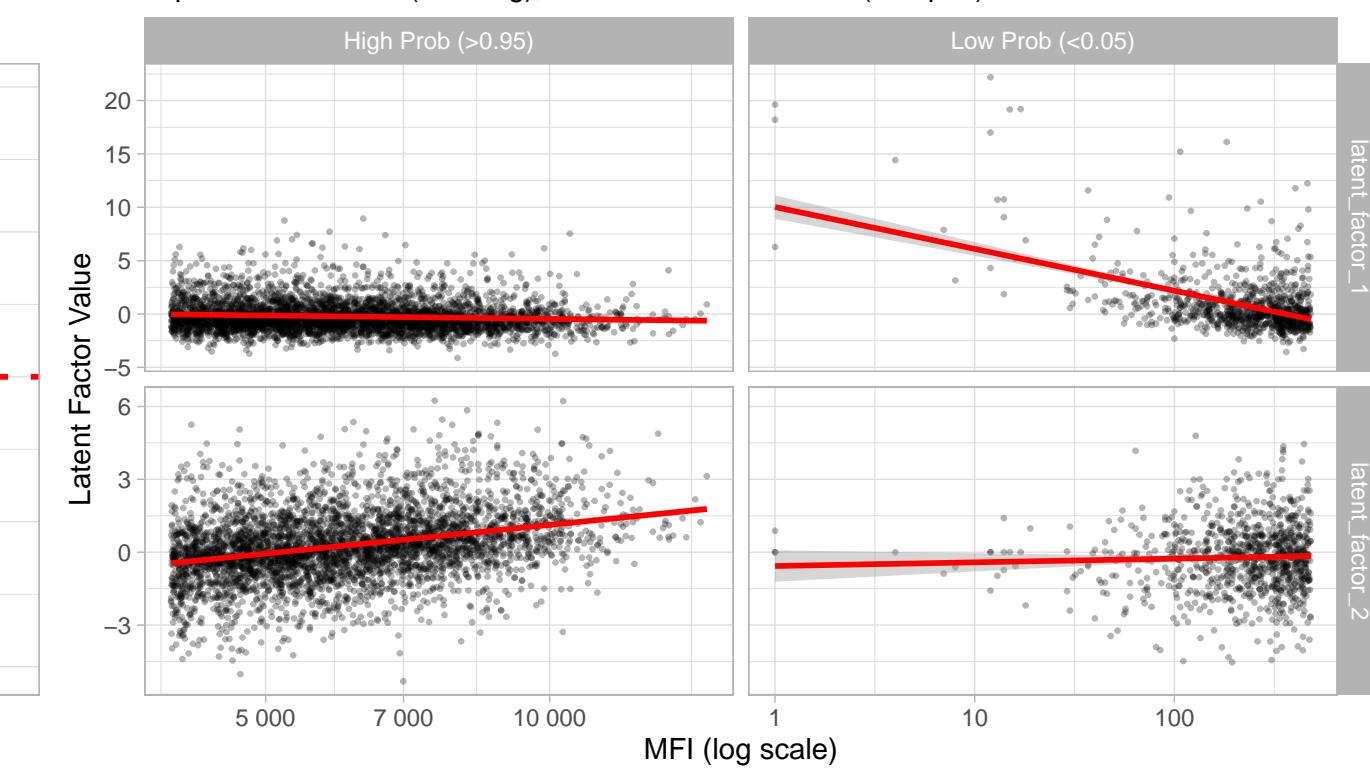
Hard vs Soft Classification: bkv_vp1

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: bkv_vp1

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

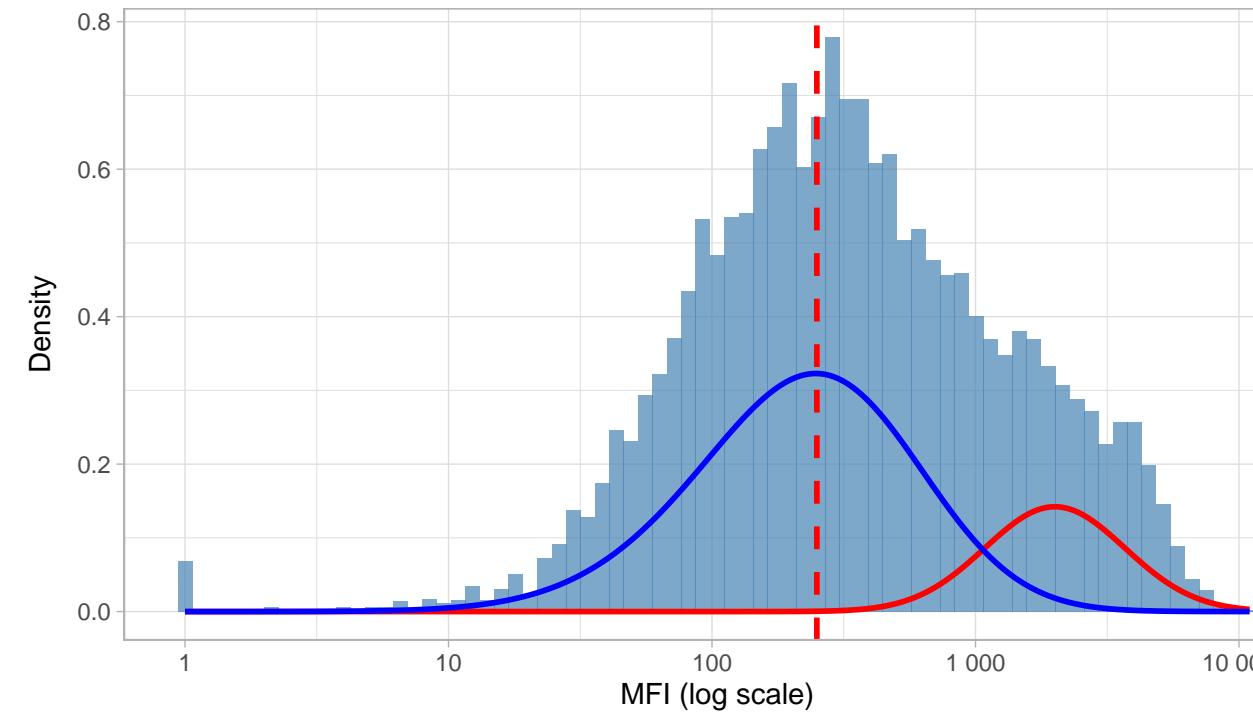


Diagnostics: jcv_vp1

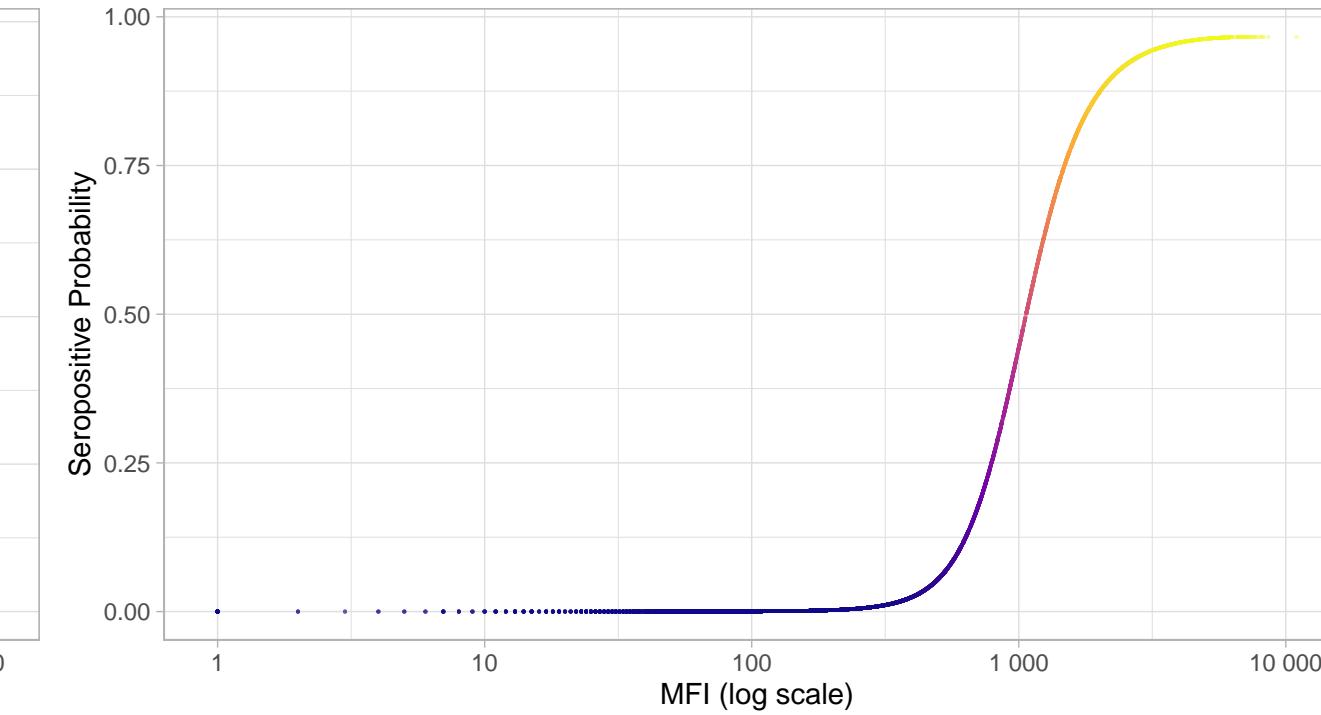
N=9424 | >0.95=483 | <0.05=5852 | Ambig=3089

Original MFI Distribution: jcv_vp1

Hard cutoff threshold = 250

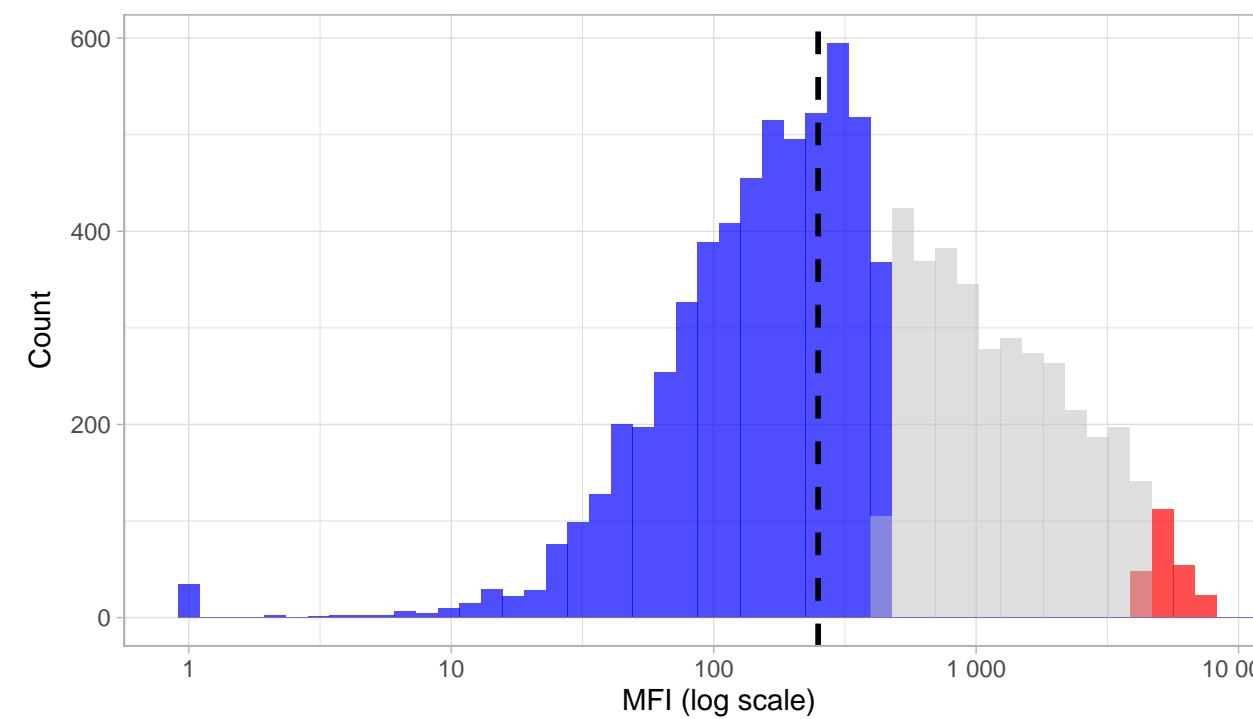


IgG vs Seropositive Probability: jcv_vp1



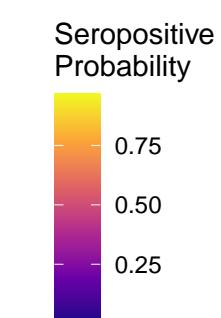
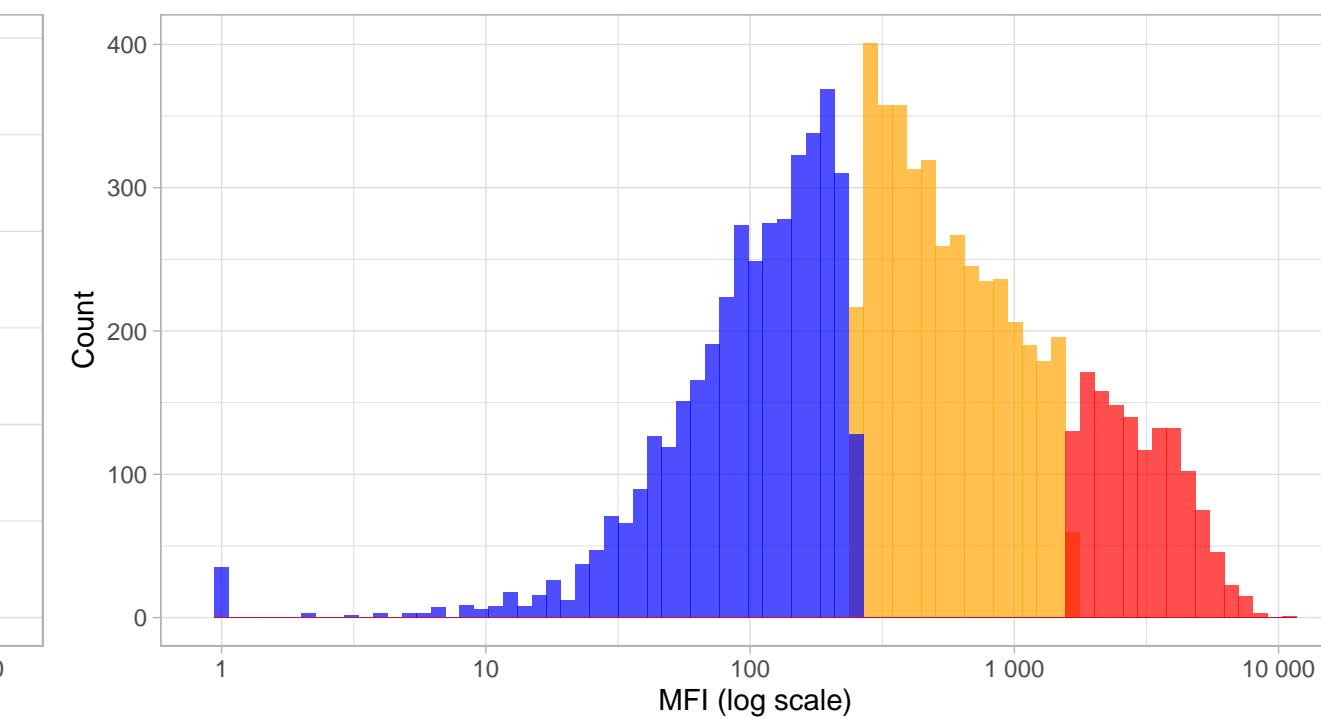
High-Confidence Seropositive Distribution: jcv_vp1

Prob threshold = 0.96



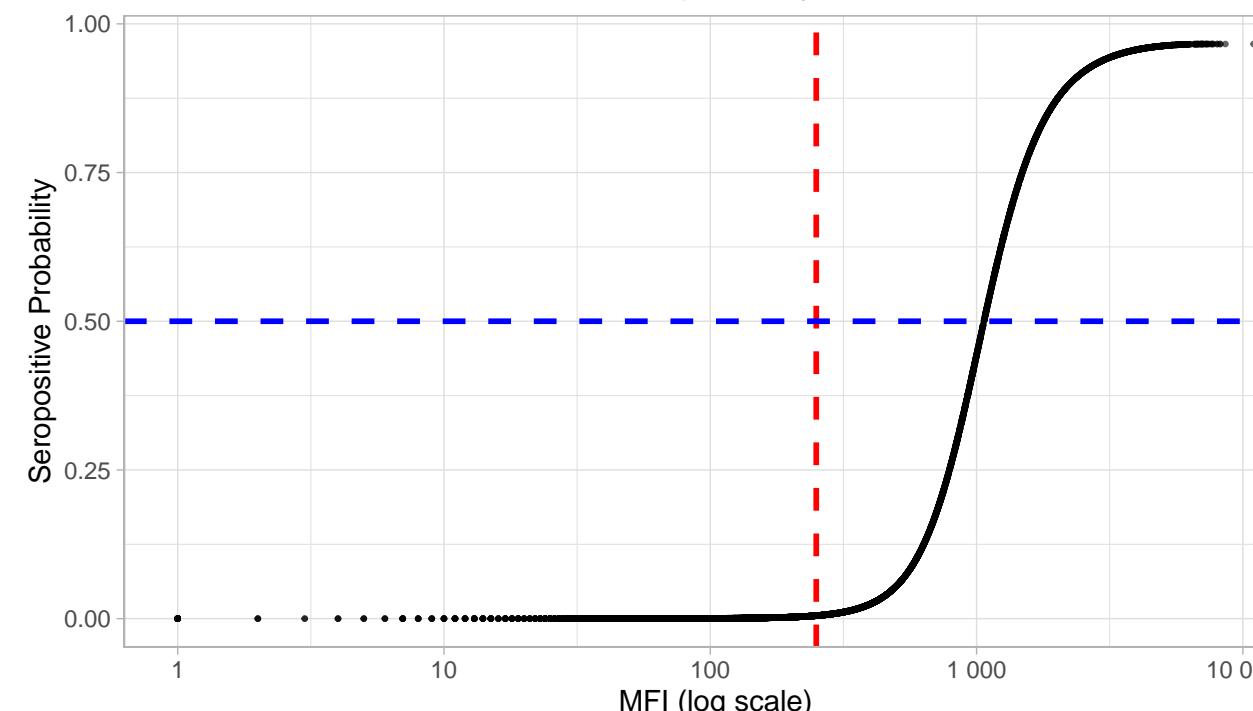
Phenotype Distribution by Classification: jcv_vp1

Comparing hard vs soft classifications



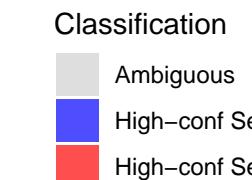
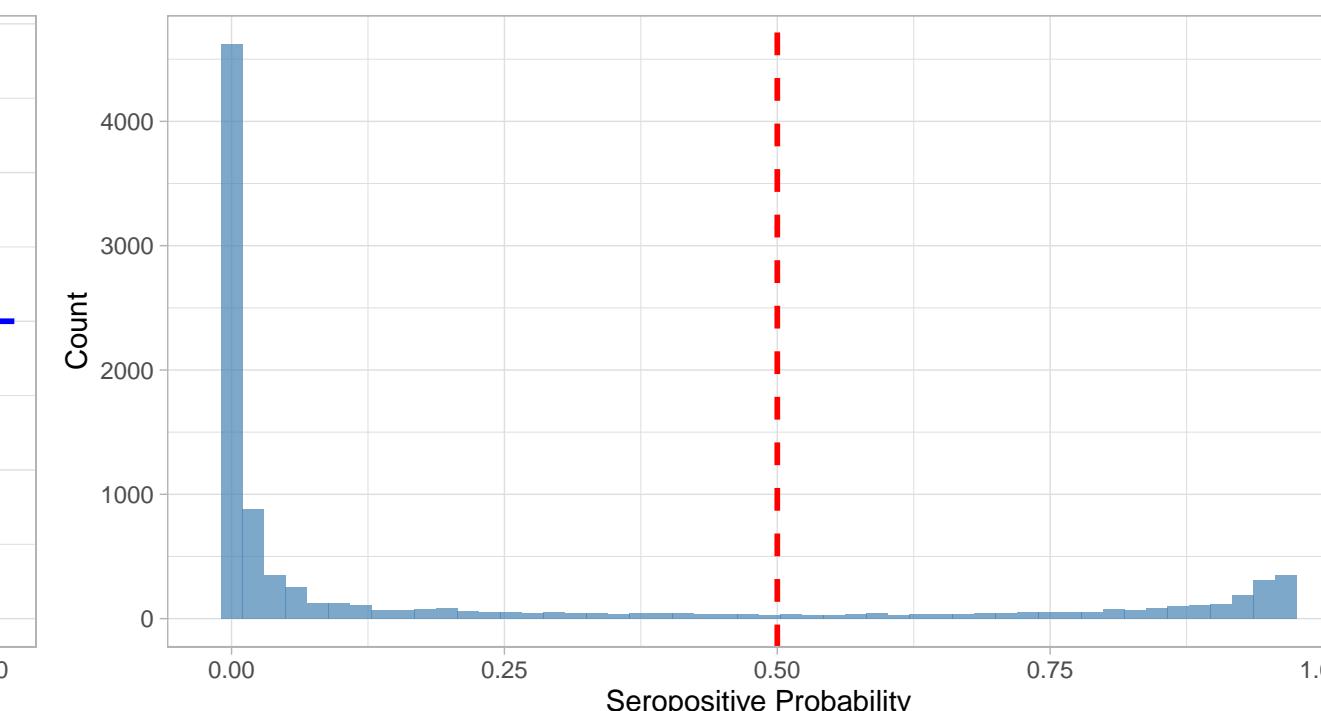
IgG Level vs Seropositive Probability: jcv_vp1

Red line = hard threshold, Blue line = 50% probability



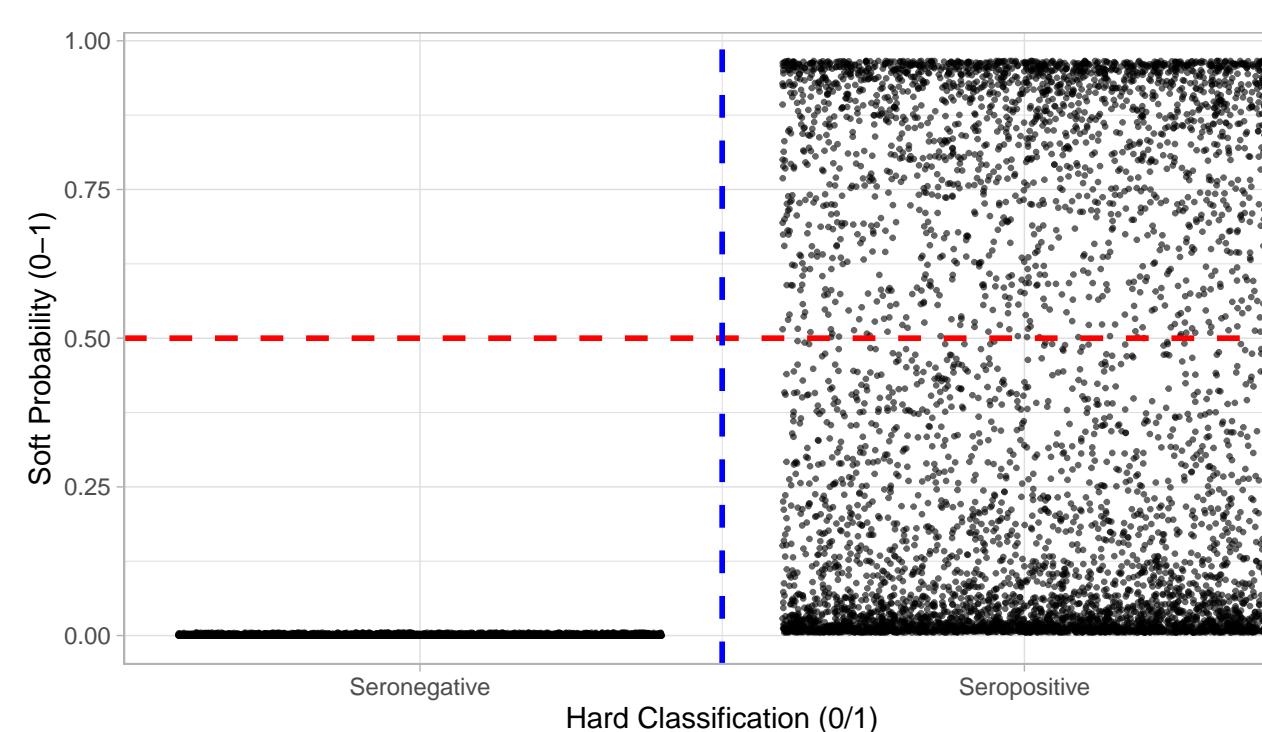
Distribution of Seropositive Probabilities: jcv_vp1

Red line = 50% threshold



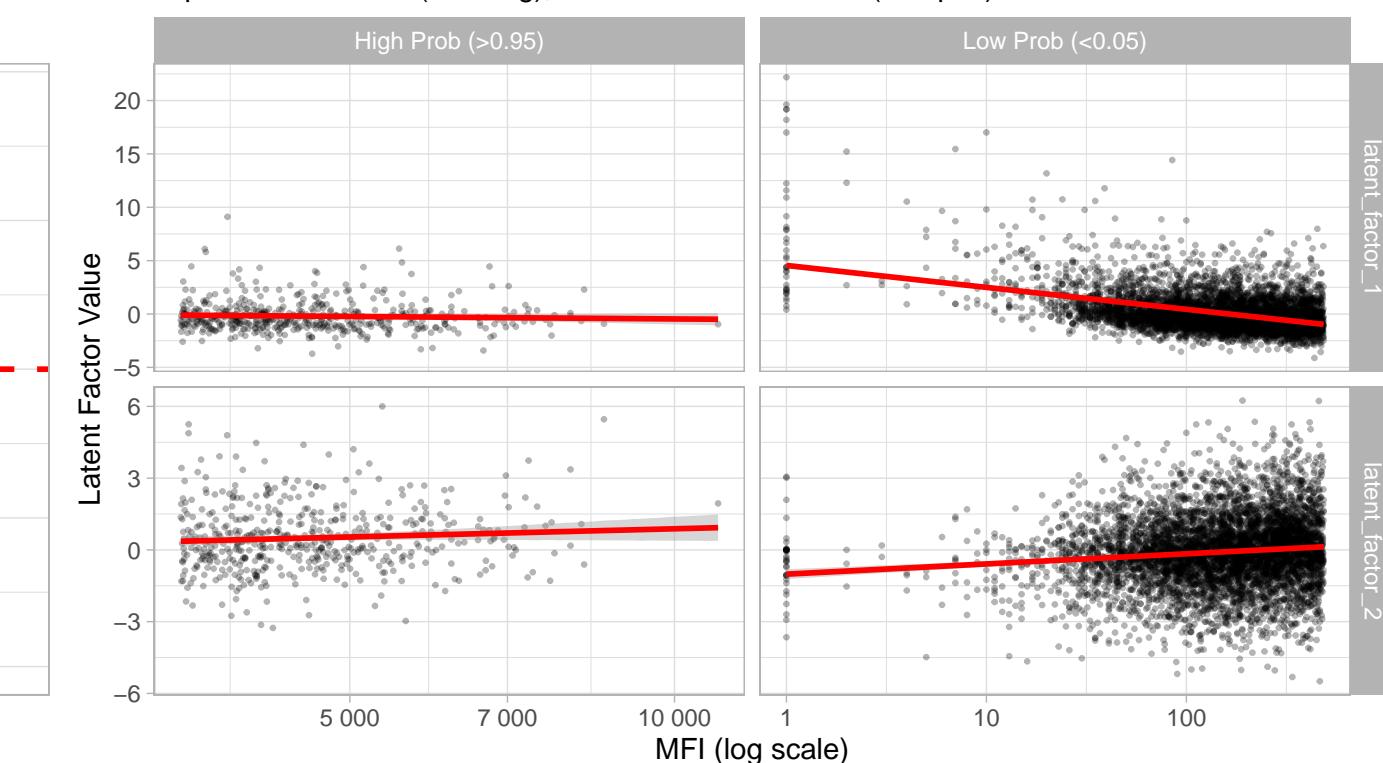
Hard vs Soft Classification: jcv_vp1

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: jcv_vp1

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

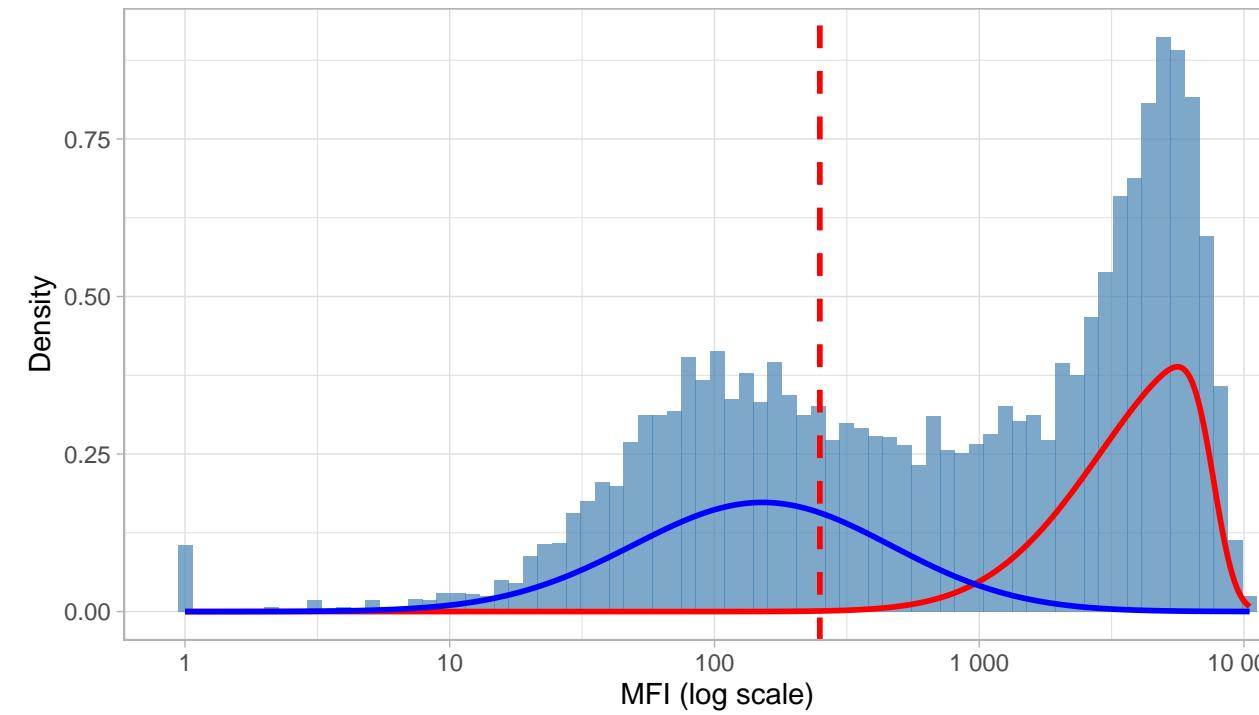


Diagnostics: mcv_vp1

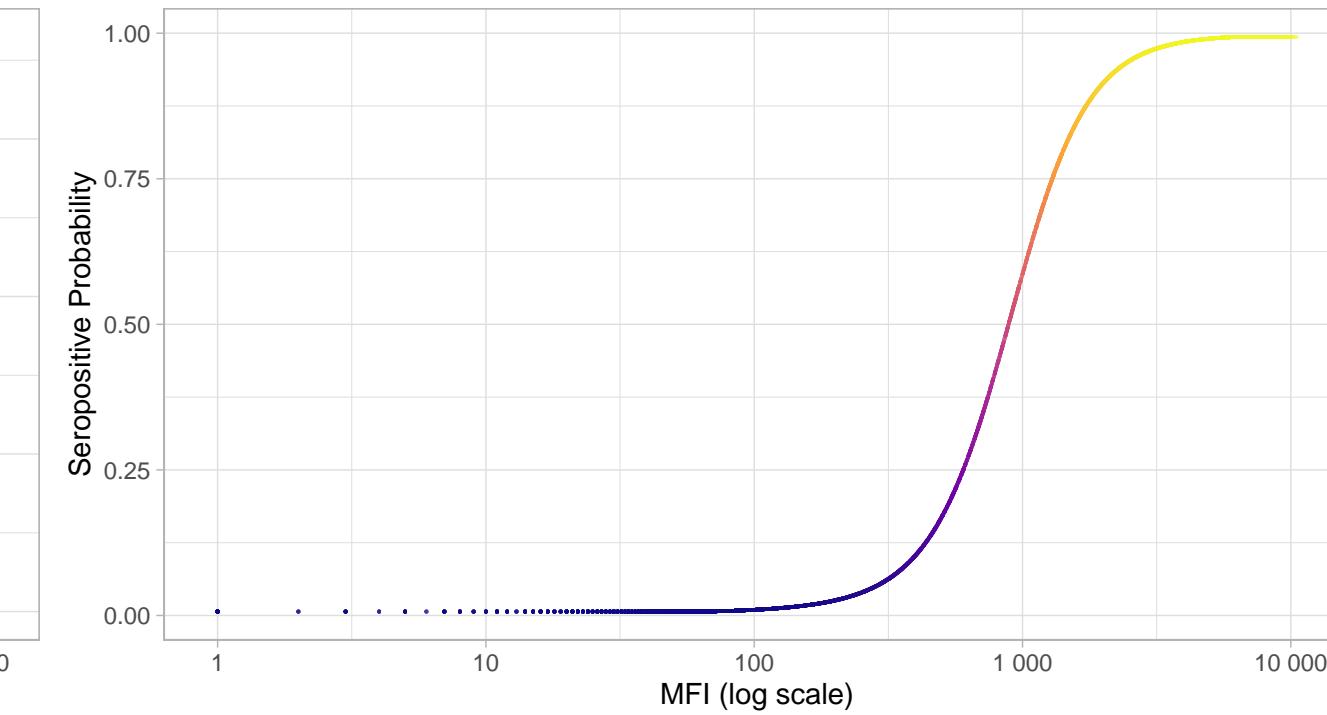
N=9424 | >0.95=3545 | <0.05=3303 | Ambig=2576

Original MFI Distribution: mcv_vp1

Hard cutoff threshold = 250

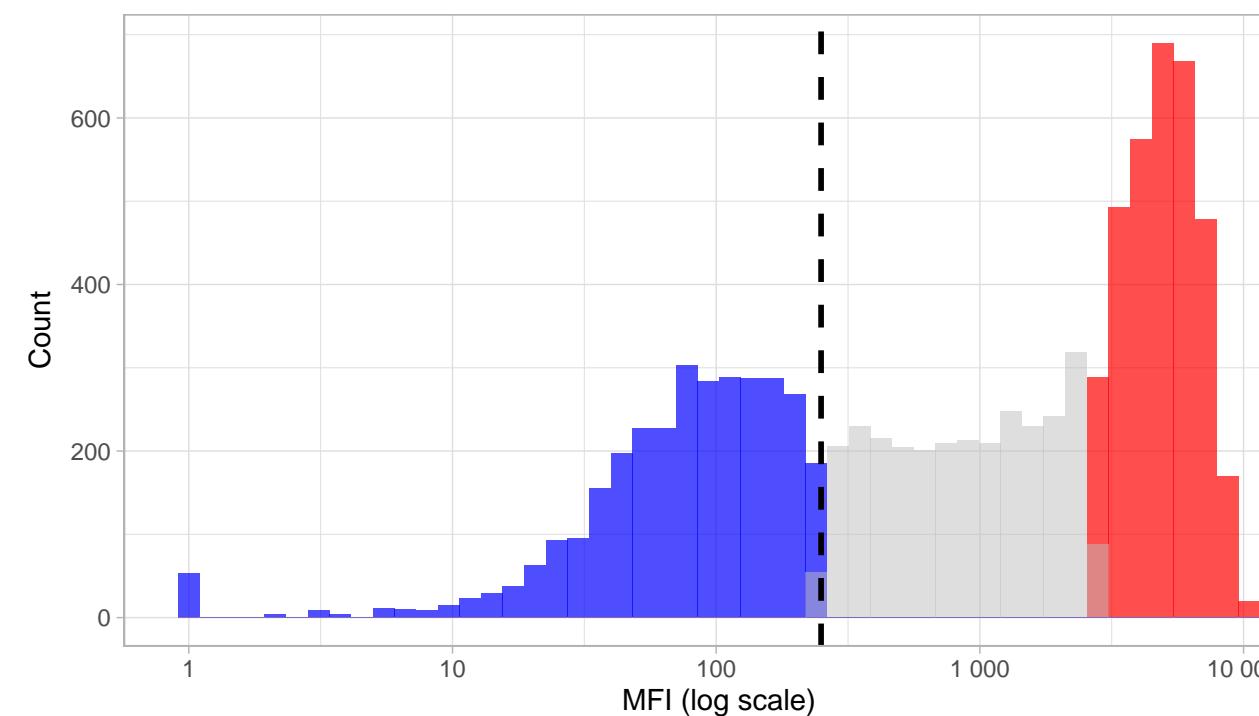


IgG vs Seropositive Probability: mcv_vp1



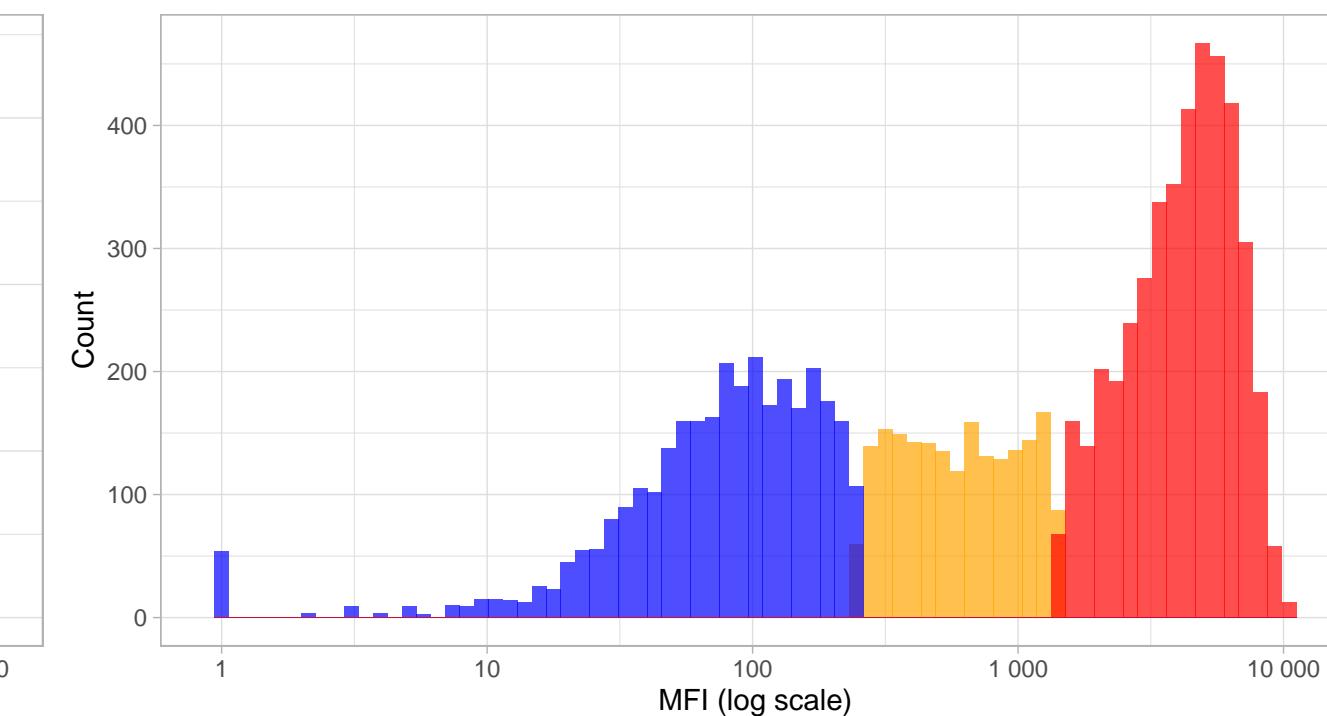
High-Confidence Seropositive Distribution: mcv_vp1

Prob threshold = 0.96



Phenotype Distribution by Classification: mcv_vp1

Comparing hard vs soft classifications

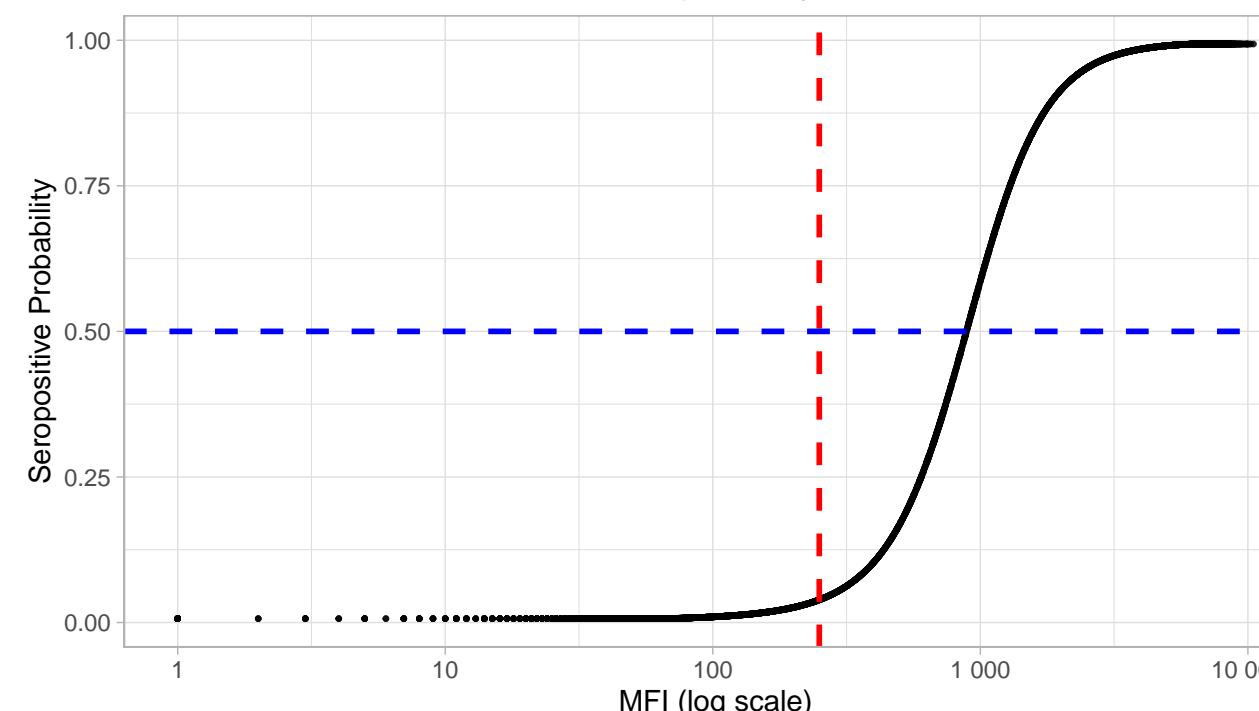


Seropositive Probability

0.25
0.50
0.75

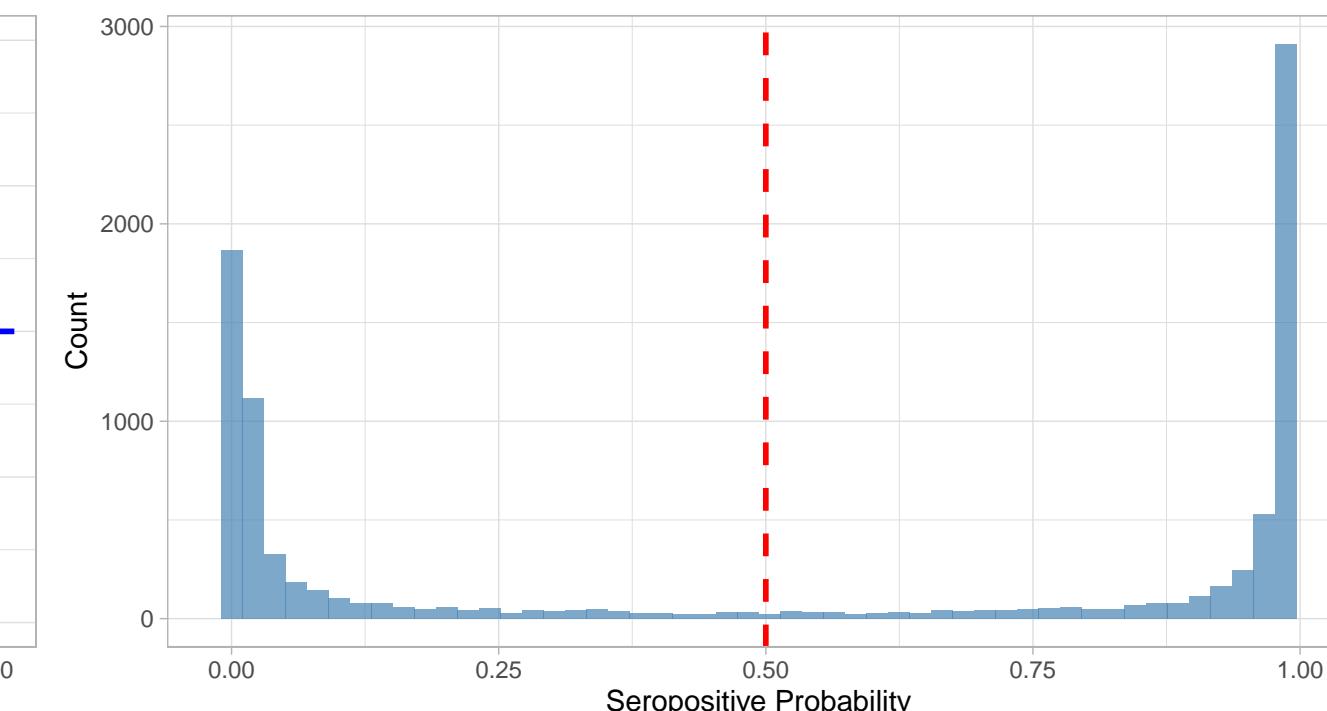
IgG Level vs Seropositive Probability: mcv_vp1

Red line = hard threshold, Blue line = 50% probability



Distribution of Seropositive Probabilities: mcv_vp1

Red line = 50% threshold



Classification

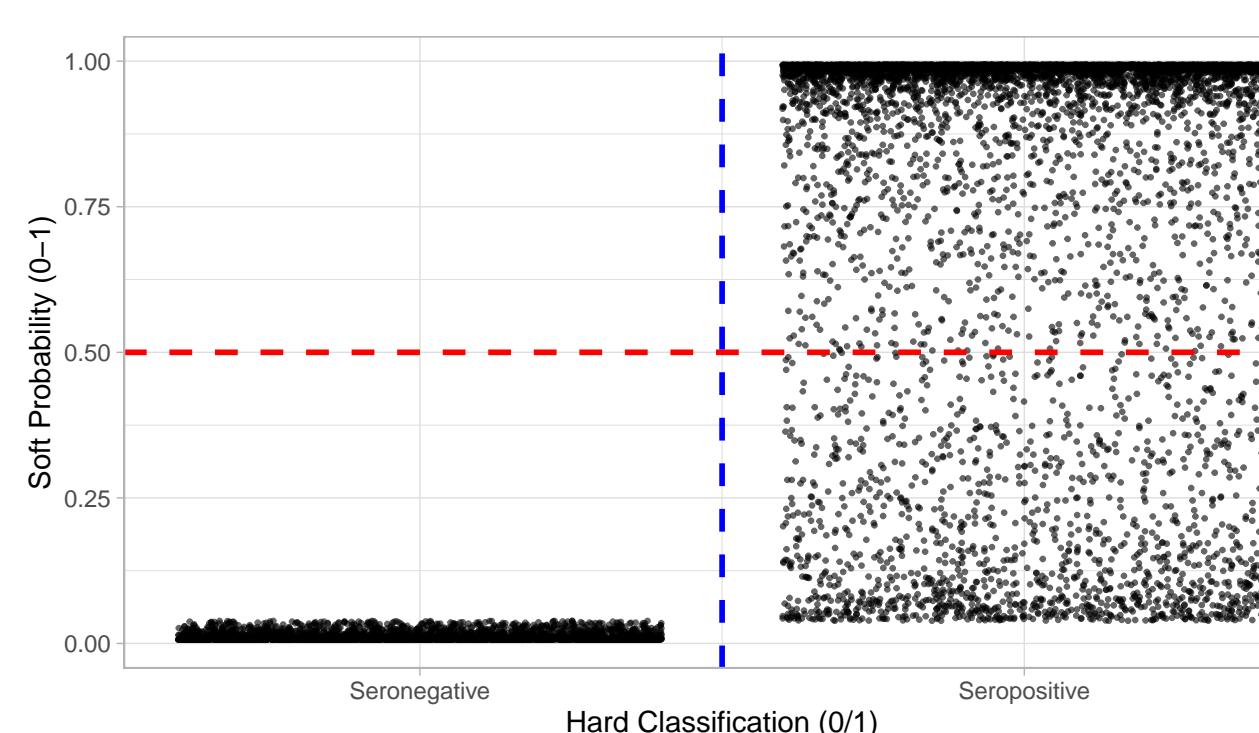
- Ambiguous
- High-conf Seronegative
- High-conf Seropositive

Classification

- Hard Positive, Soft Low
- Hard+Soft Negative
- Hard+Soft Positive

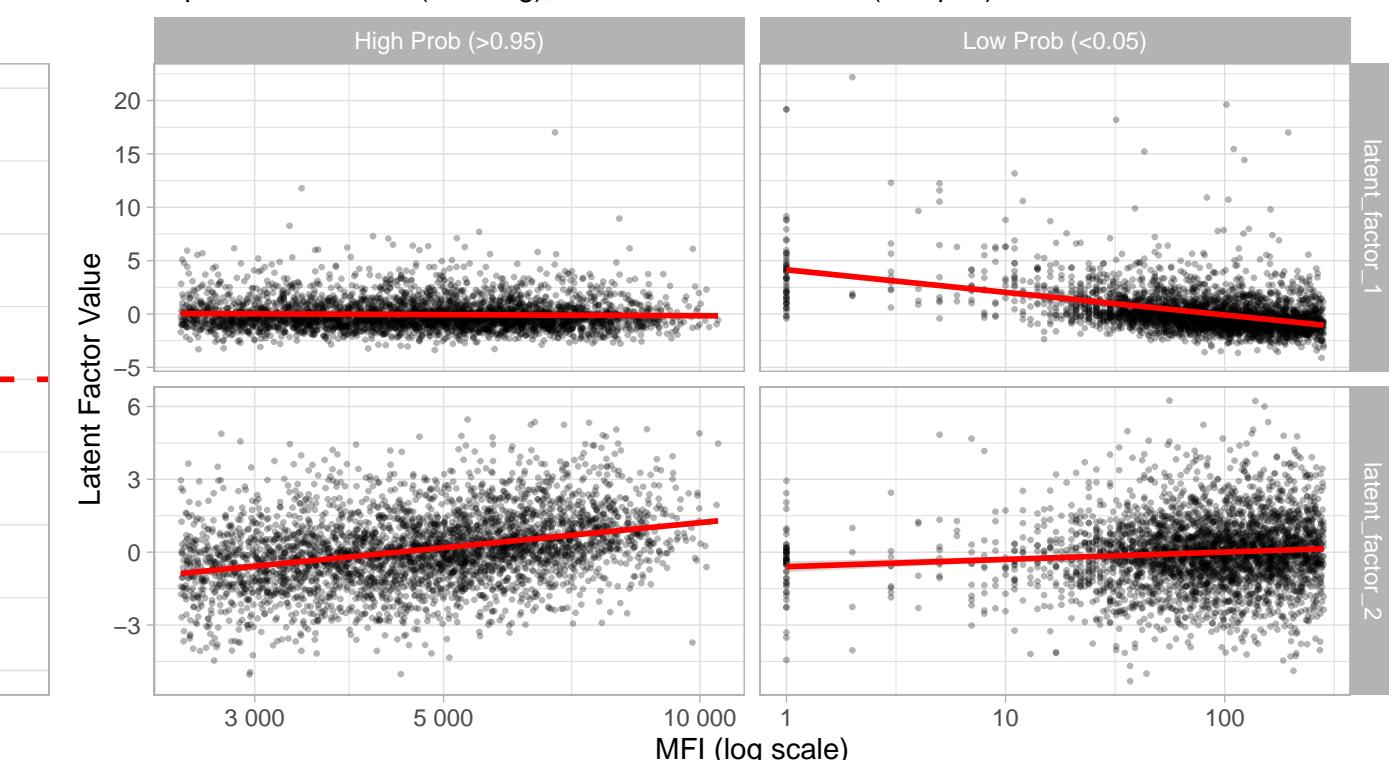
Hard vs Soft Classification: mcv_vp1

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: mcv_vp1

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

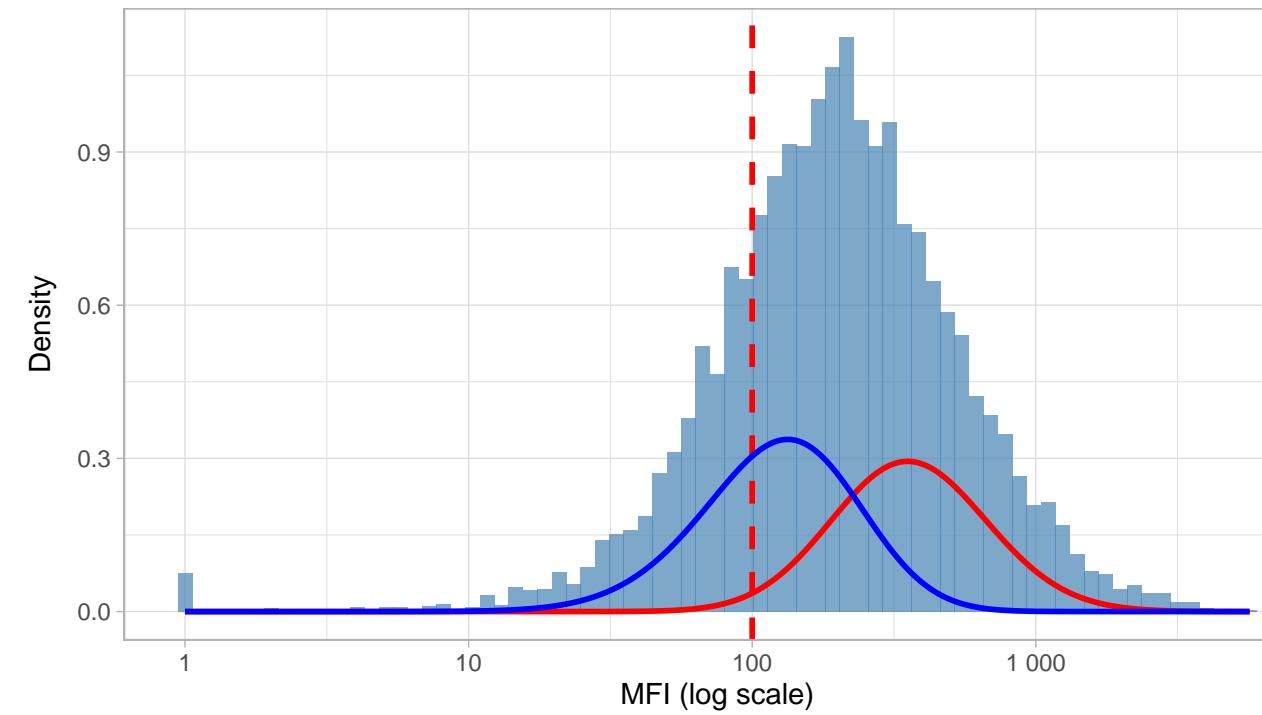


Diagnostics: hhv6_ie1a

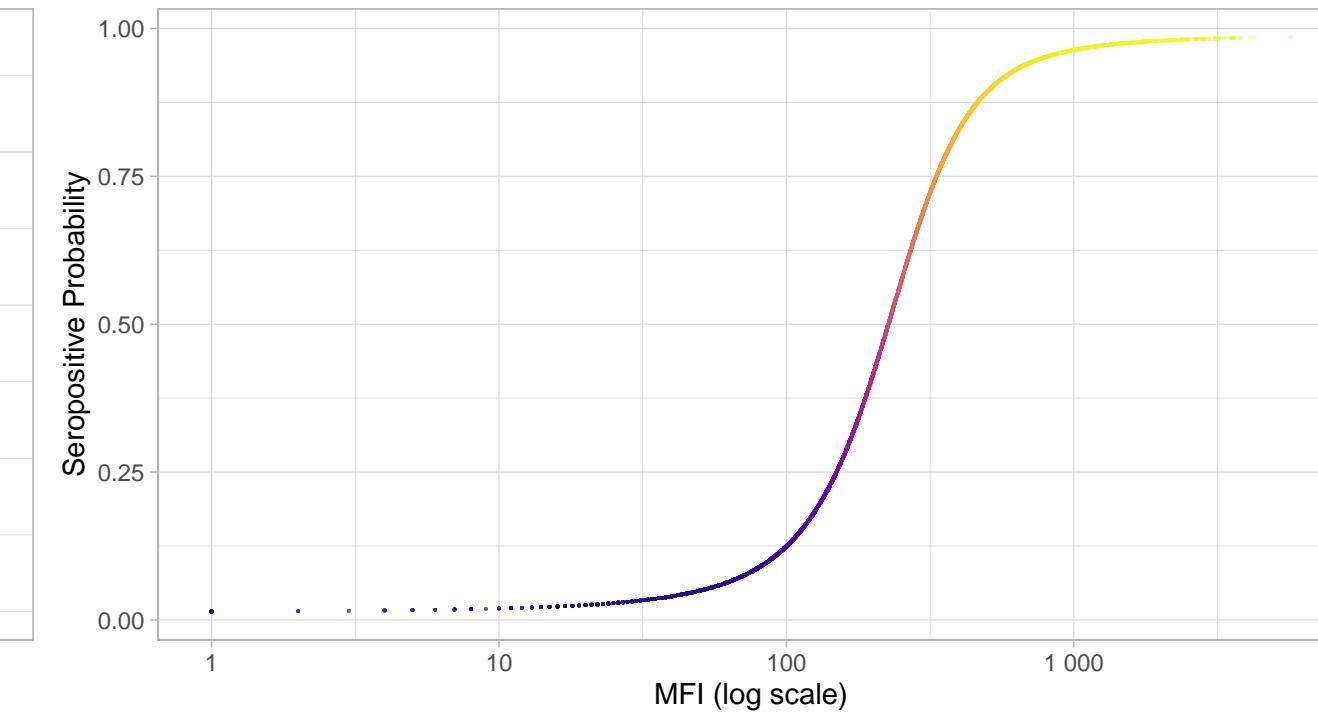
N=9424 | >0.95=718 | <0.05=696 | Ambig=8010

Original MFI Distribution: hhv6_ie1a

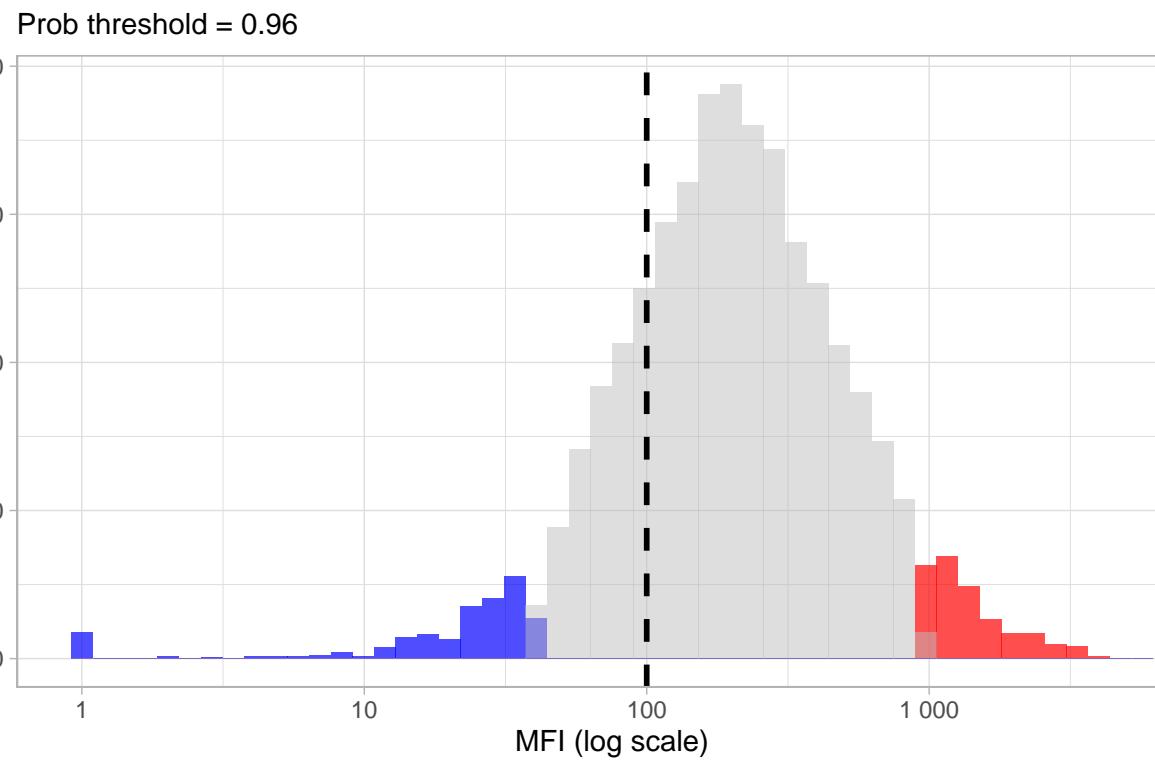
Hard cutoff threshold = 100



IgG vs Seropositive Probability: hhv6_ie1a

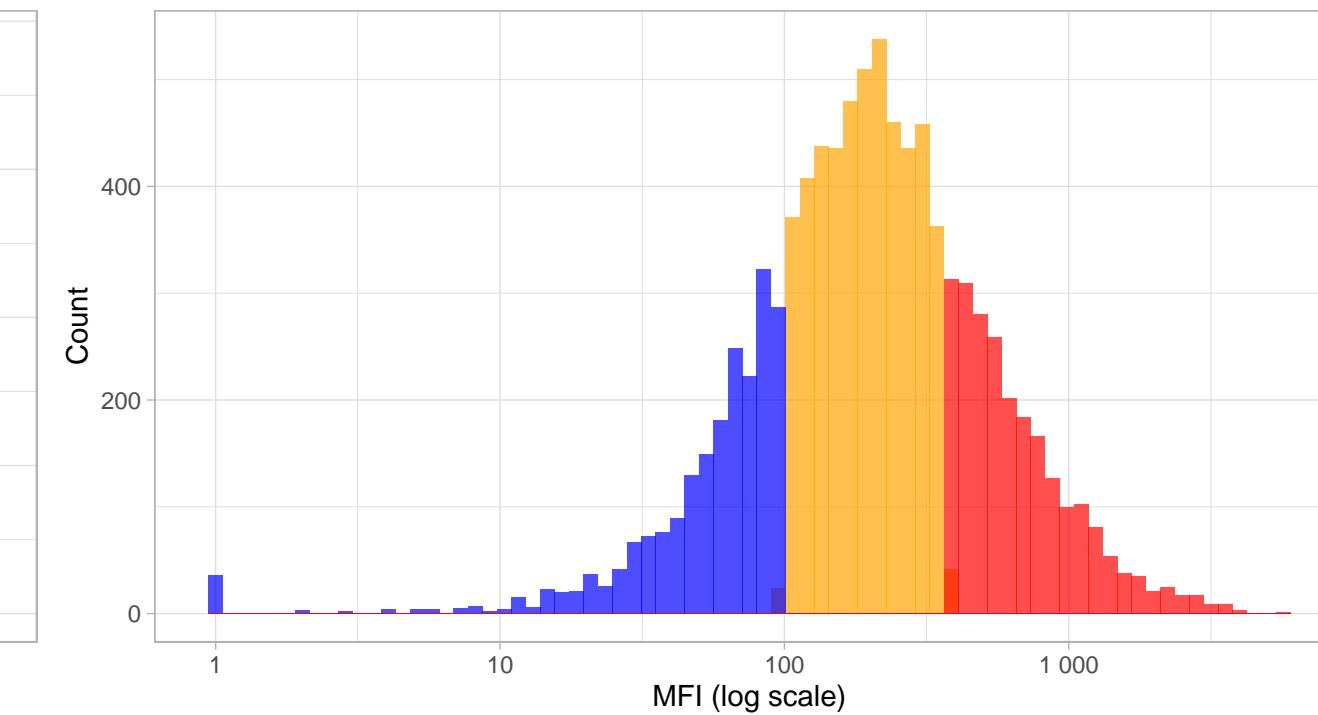


High-Confidence Seropositive Distribution: hhv6_ie1a



Phenotype Distribution by Classification: hhv6_ie1a

Comparing hard vs soft classifications

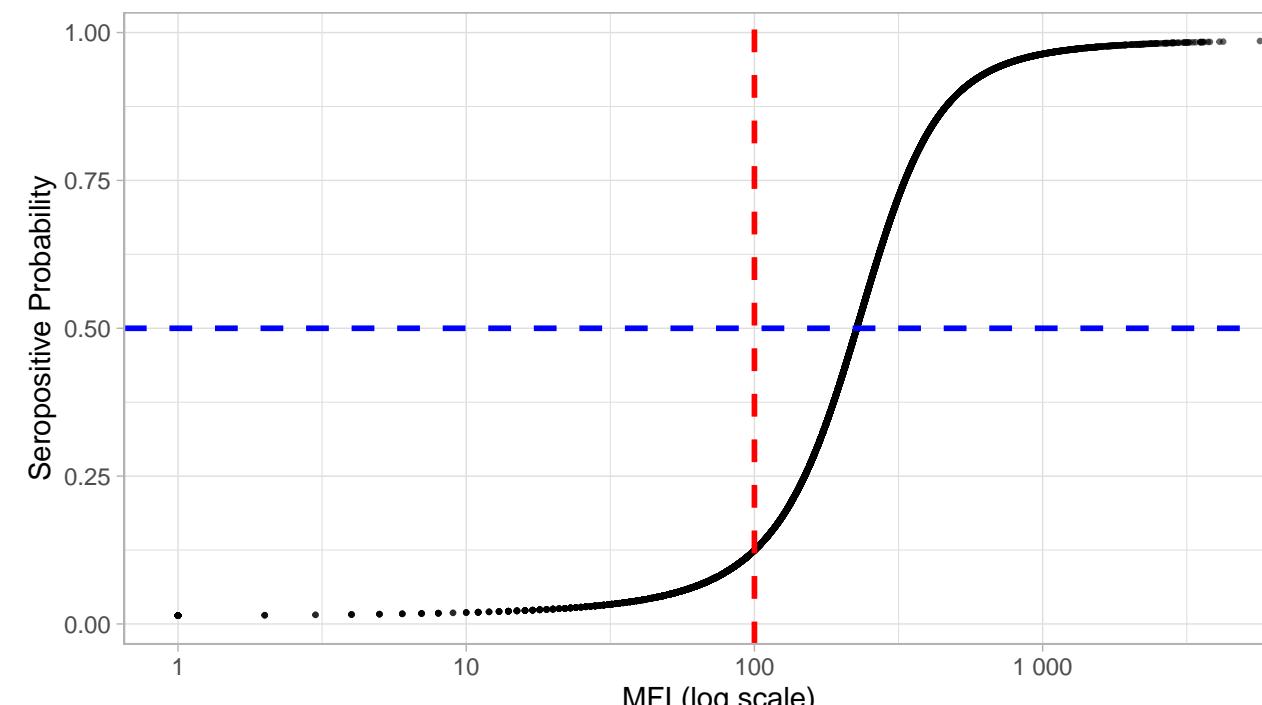


Seropositive Probability

0.75
0.50
0.25

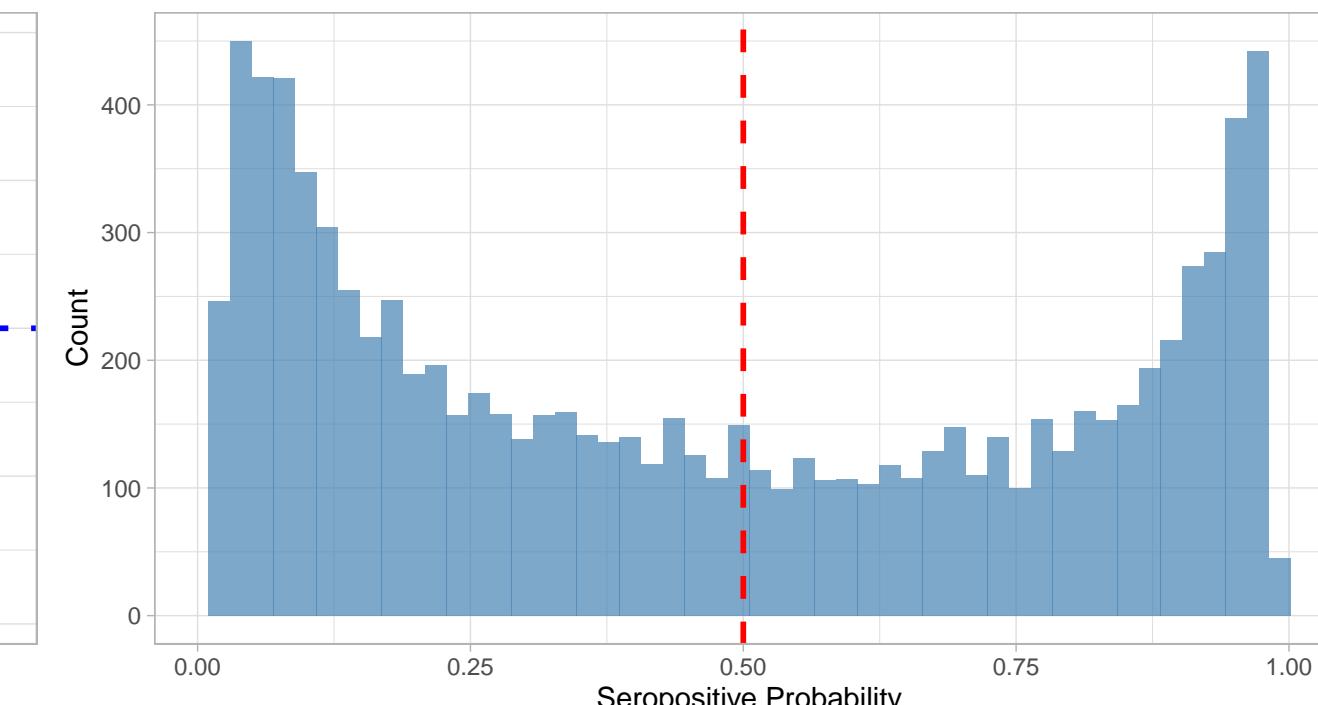
IgG Level vs Seropositive Probability: hhv6_ie1a

Red line = hard threshold, Blue line = 50% probability



Distribution of Seropositive Probabilities: hhv6_ie1a

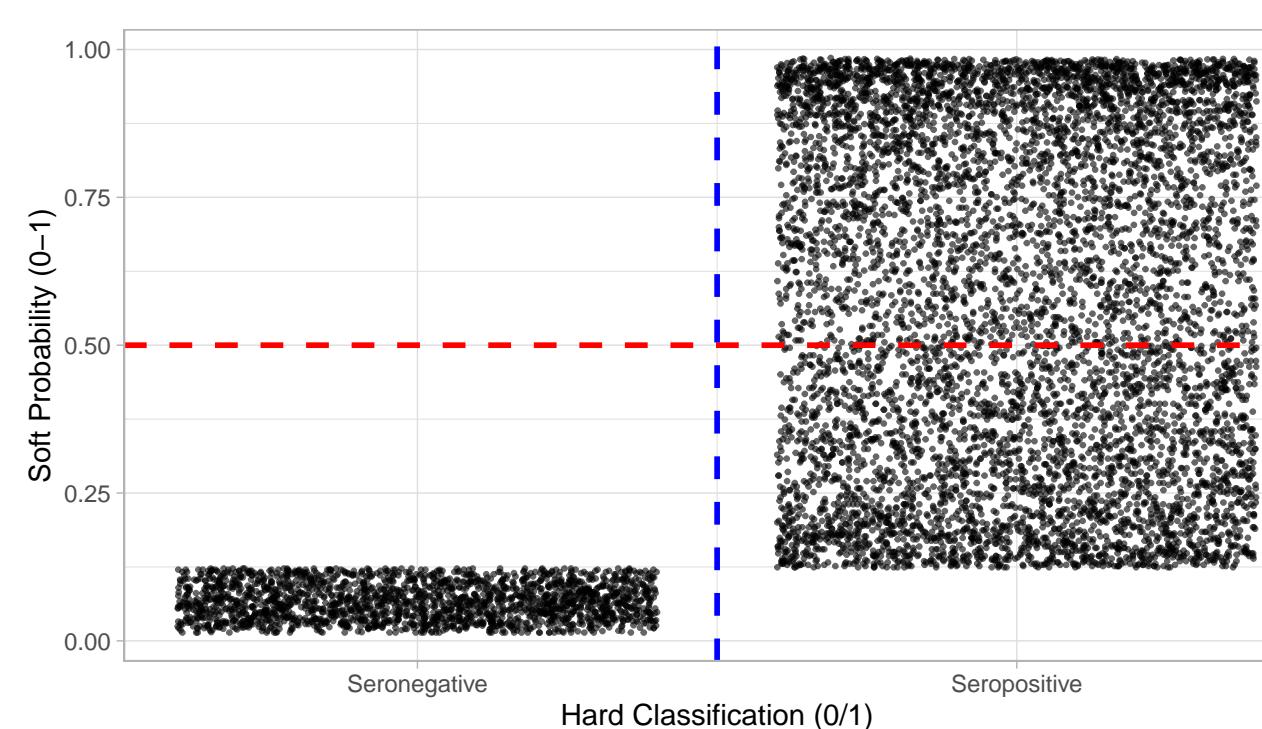
Red line = 50% threshold



- Classification
- Ambiguous
 - High-conf Seronegative
 - High-conf Seropositive
- Classification
- Hard Positive, Soft Low
 - Hard+Soft Negative
 - Hard+Soft Positive

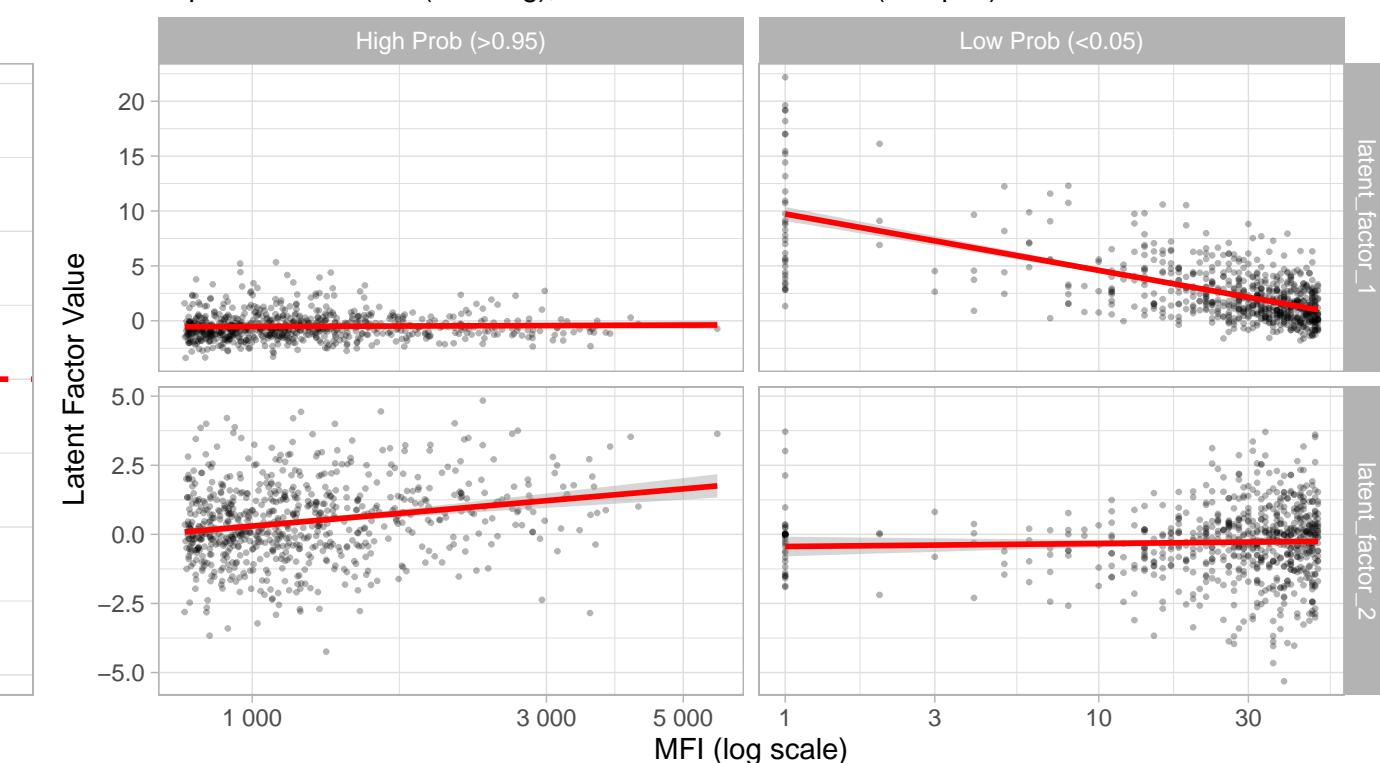
Hard vs Soft Classification: hhv6_ie1a

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hhv6_ie1a

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

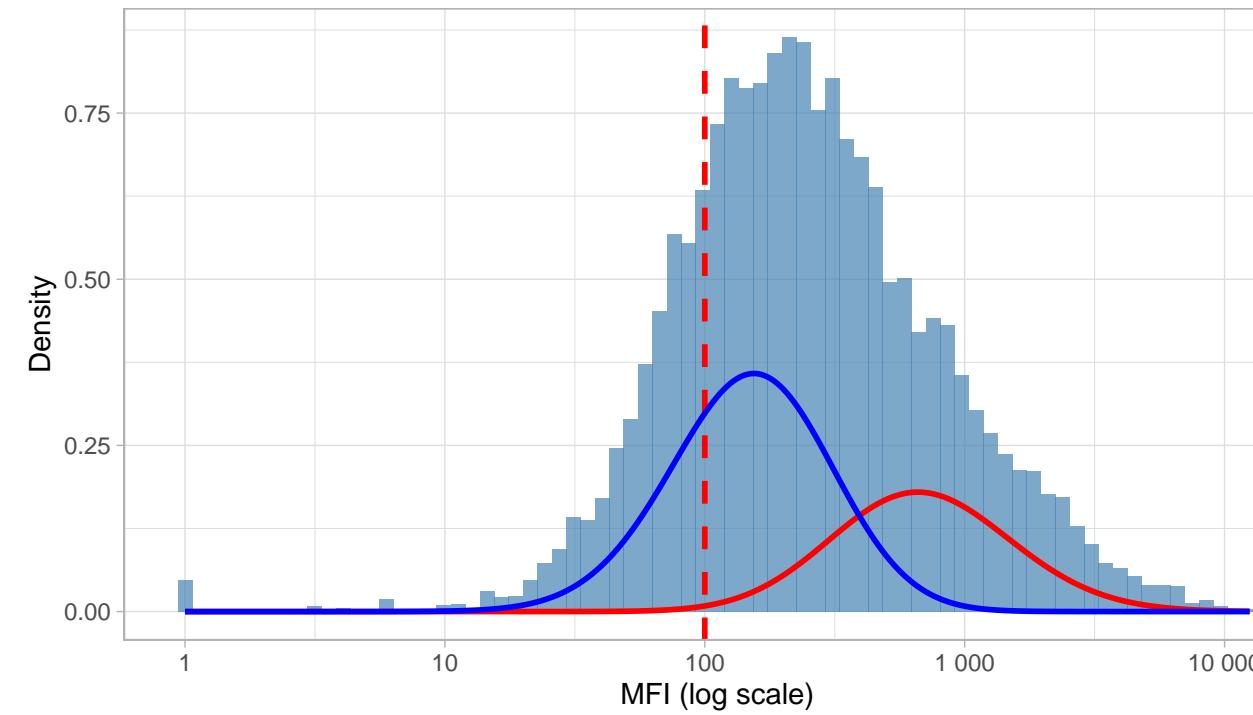


Diagnostics: hhv6_ie1b

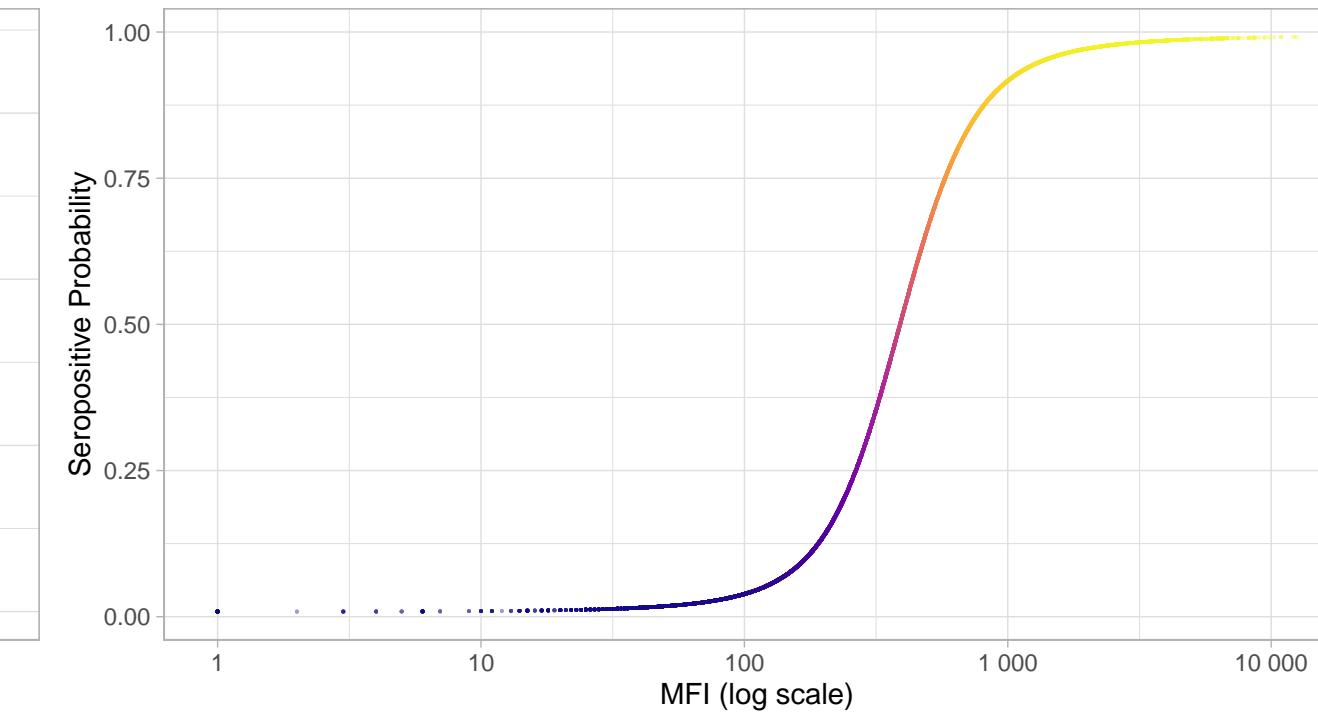
N=9424 | >0.95=833 | <0.05=2415 | Ambig=6176

Original MFI Distribution: hhv6_ie1b

Hard cutoff threshold = 100

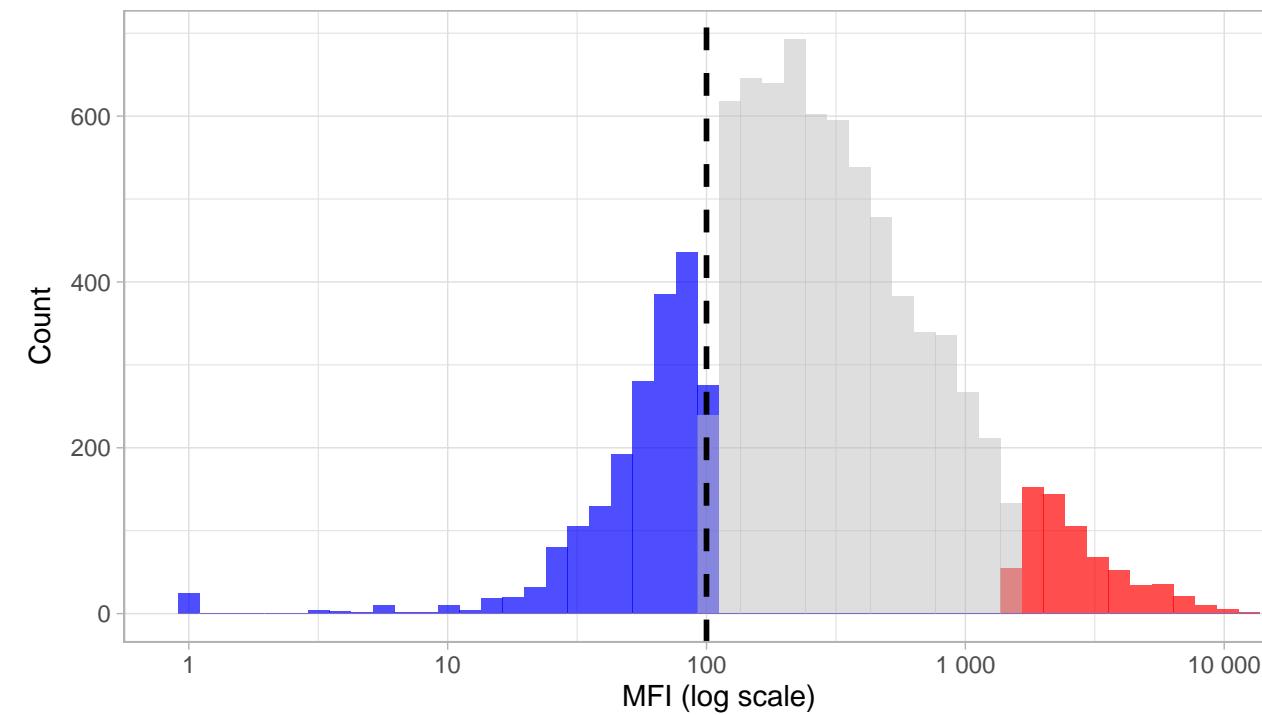


IgG vs Seropositive Probability: hhv6_ie1b



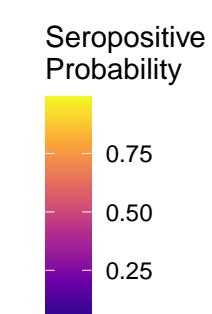
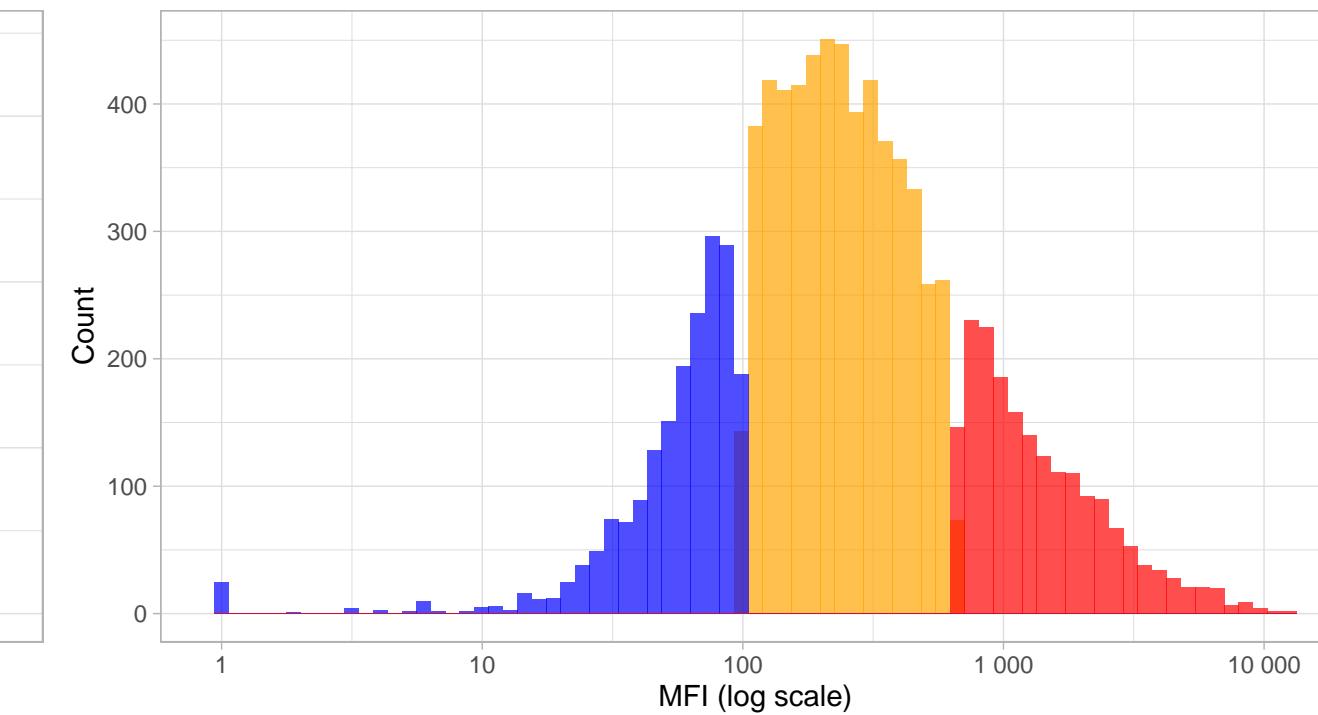
High-Confidence Seropositive Distribution: hhv6_ie1b

Prob threshold = 0.96



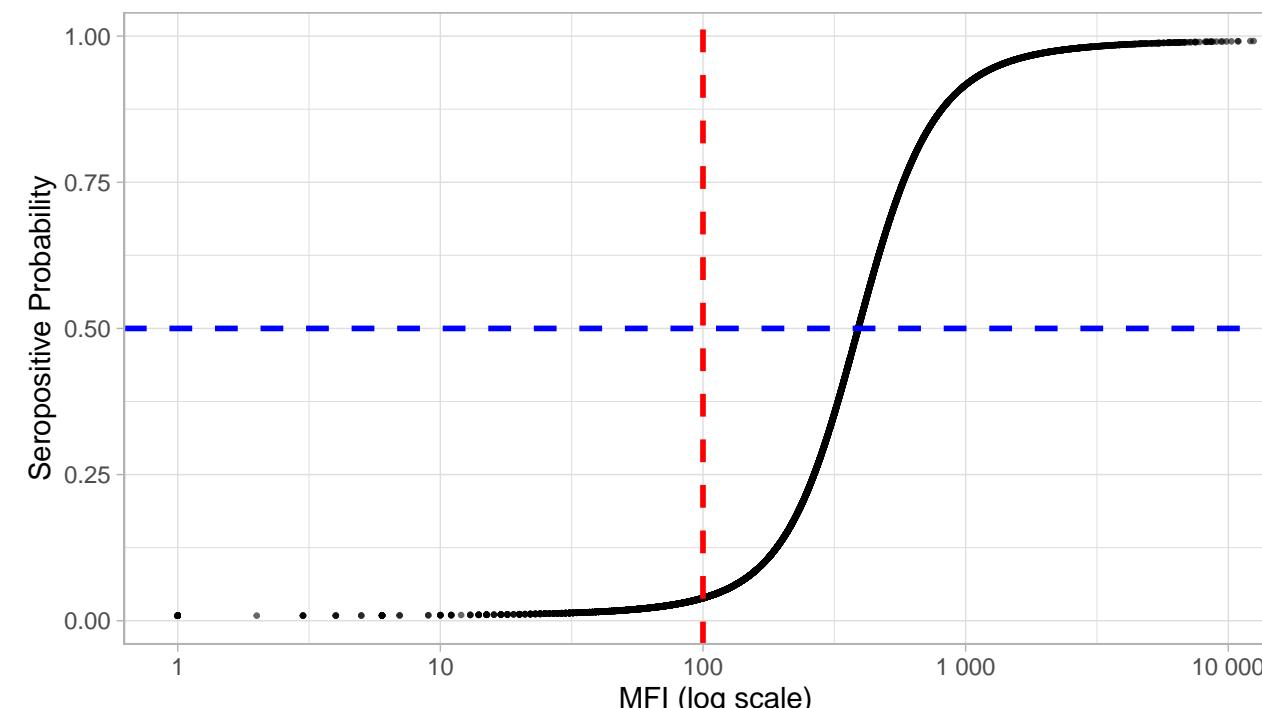
Phenotype Distribution by Classification: hhv6_ie1b

Comparing hard vs soft classifications



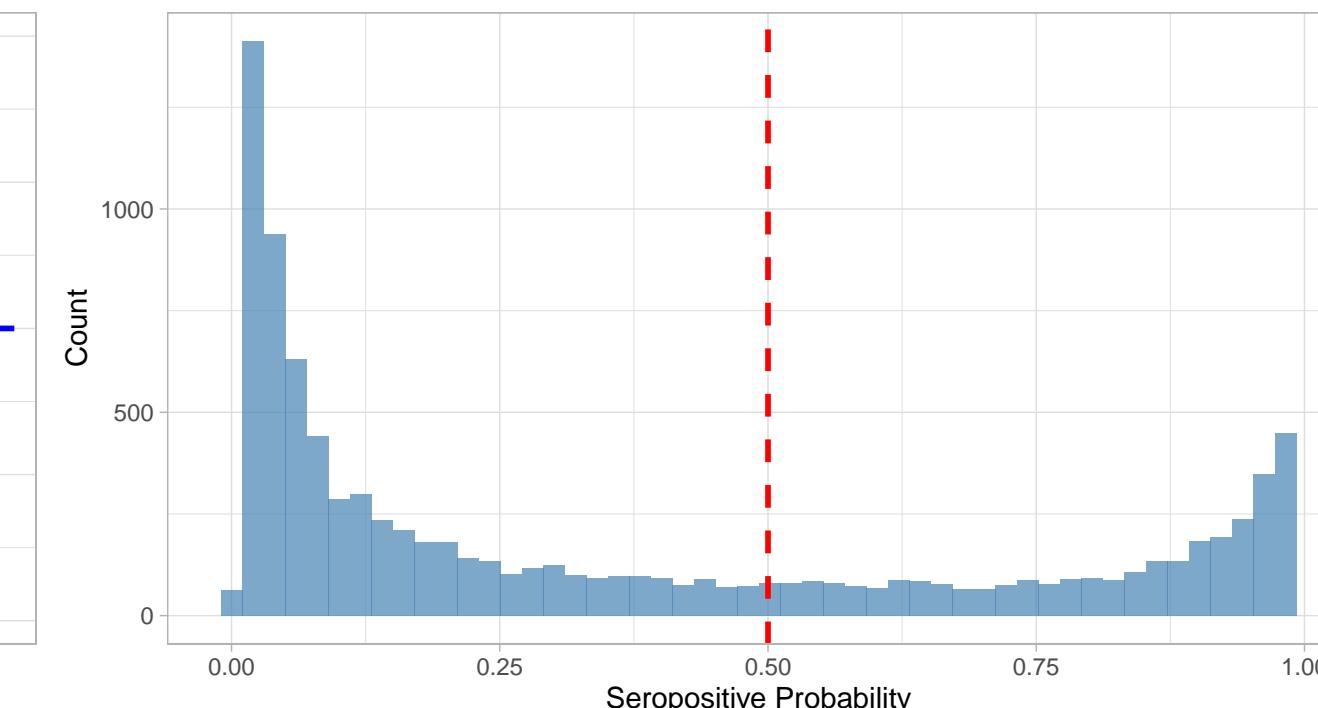
IgG Level vs Seropositive Probability: hhv6_ie1b

Red line = hard threshold, Blue line = 50% probability



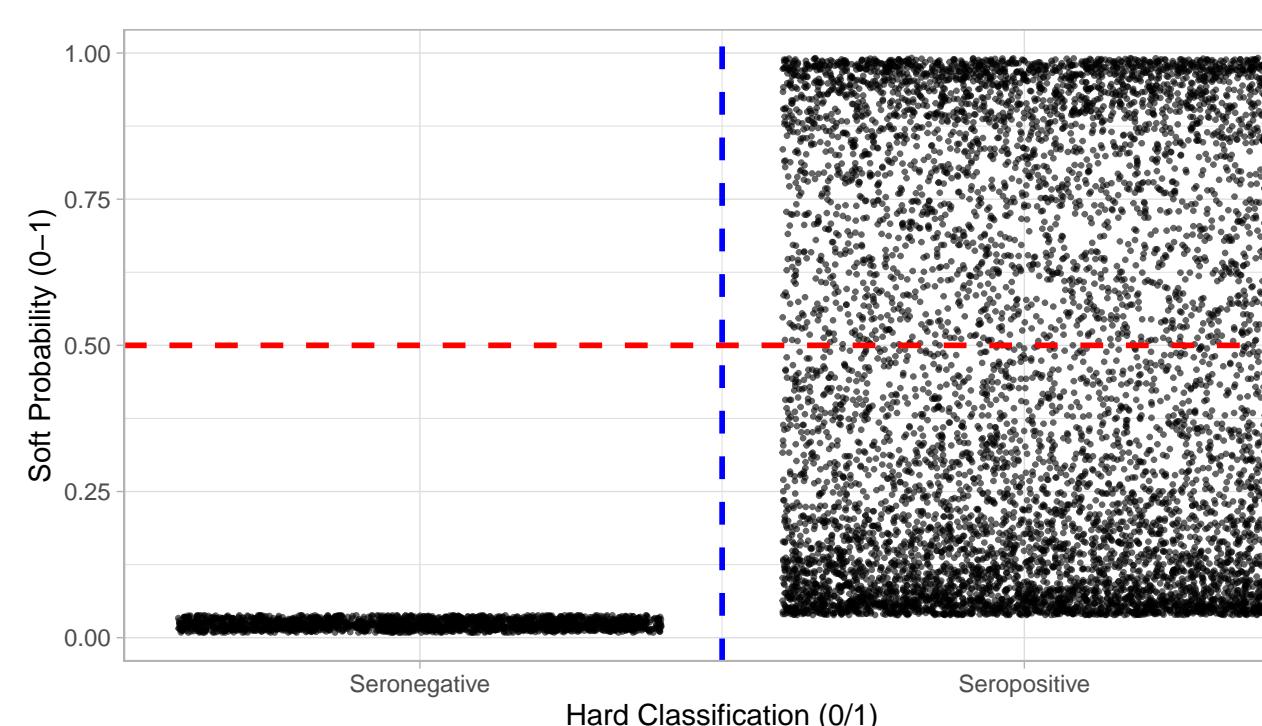
Distribution of Seropositive Probabilities: hhv6_ie1b

Red line = 50% threshold



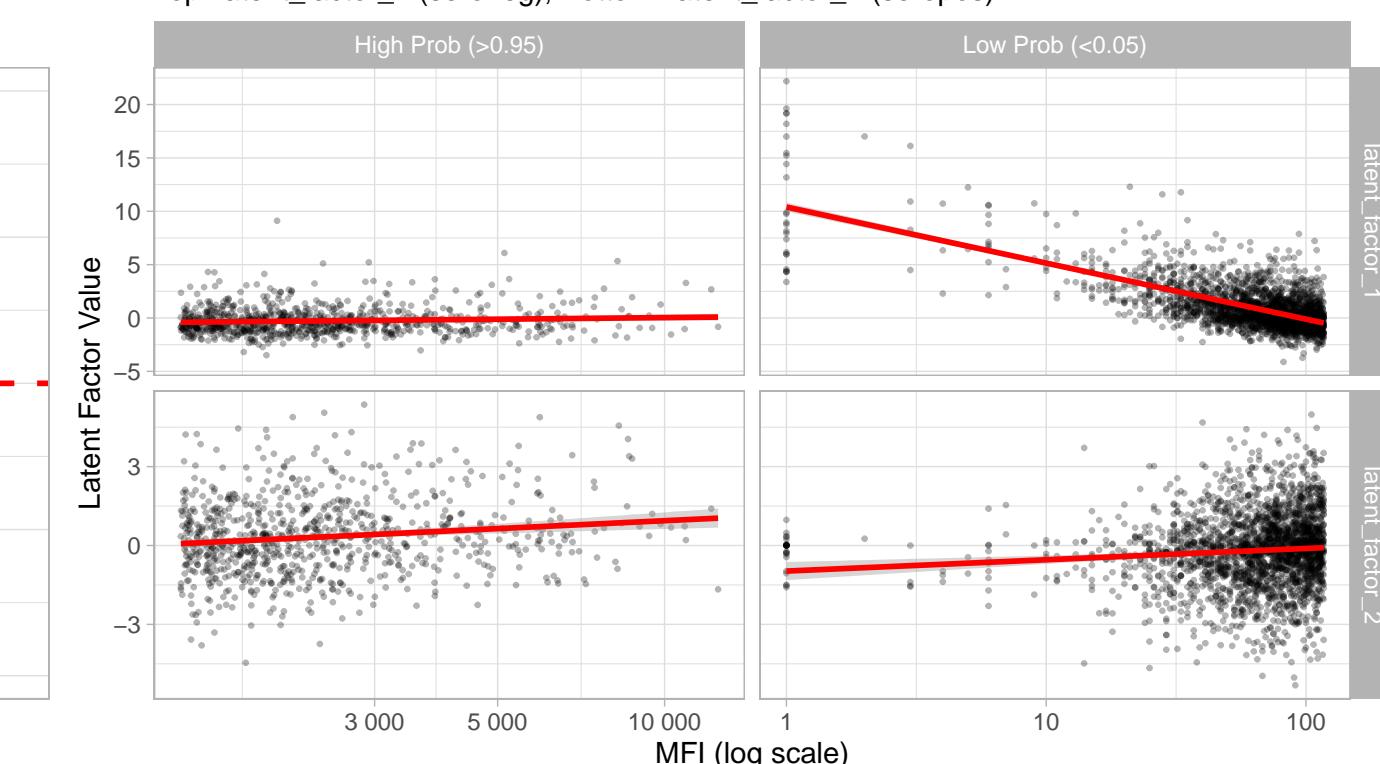
Hard vs Soft Classification: hhv6_ie1b

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hhv6_ie1b

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

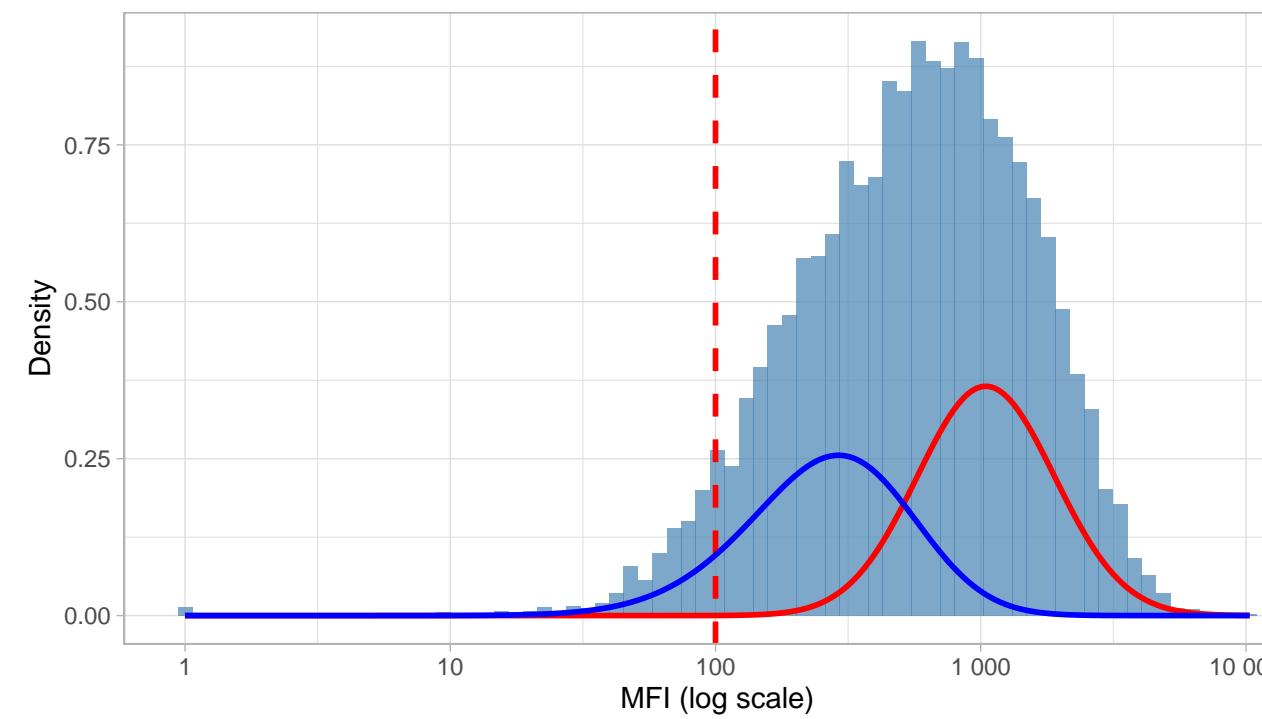


Diagnostics: hhv7_u14

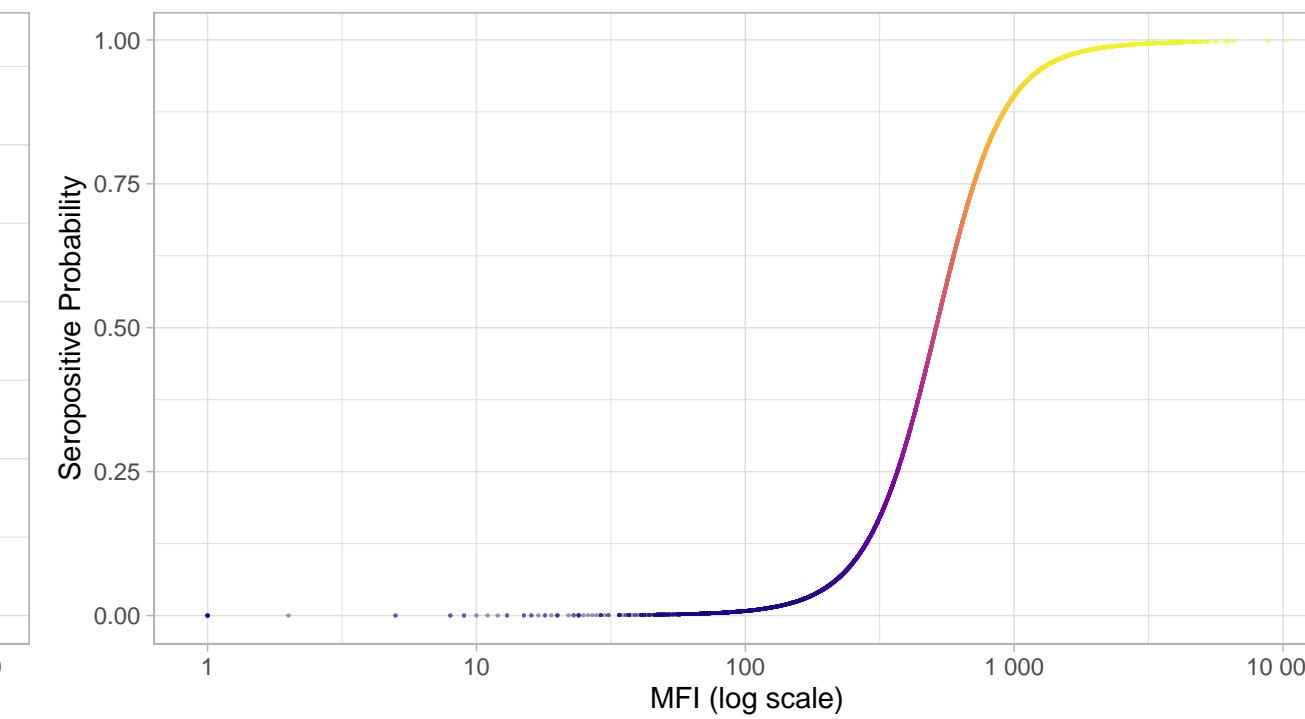
N=9424 | >0.95=2044 | <0.05=1570 | Ambig=5810

Original MFI Distribution: hhv7_u14

Hard cutoff threshold = 100

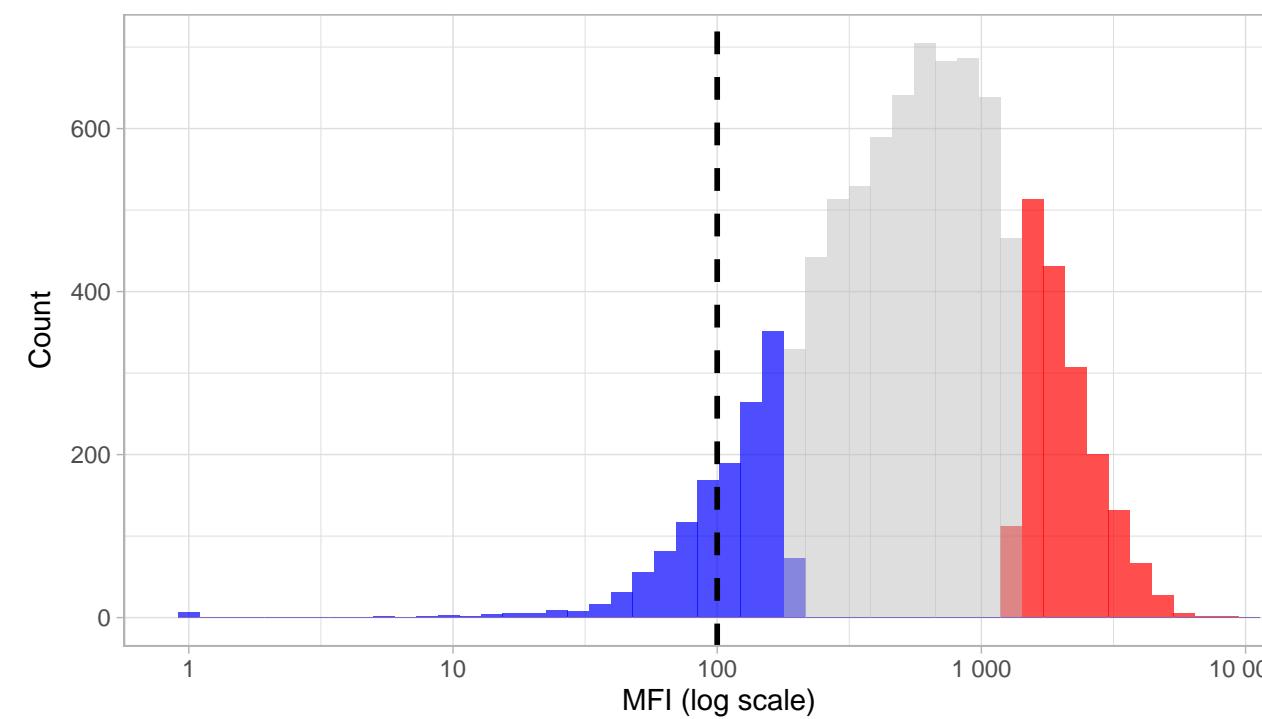


IgG vs Seropositive Probability: hhv7_u14



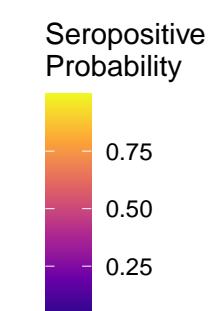
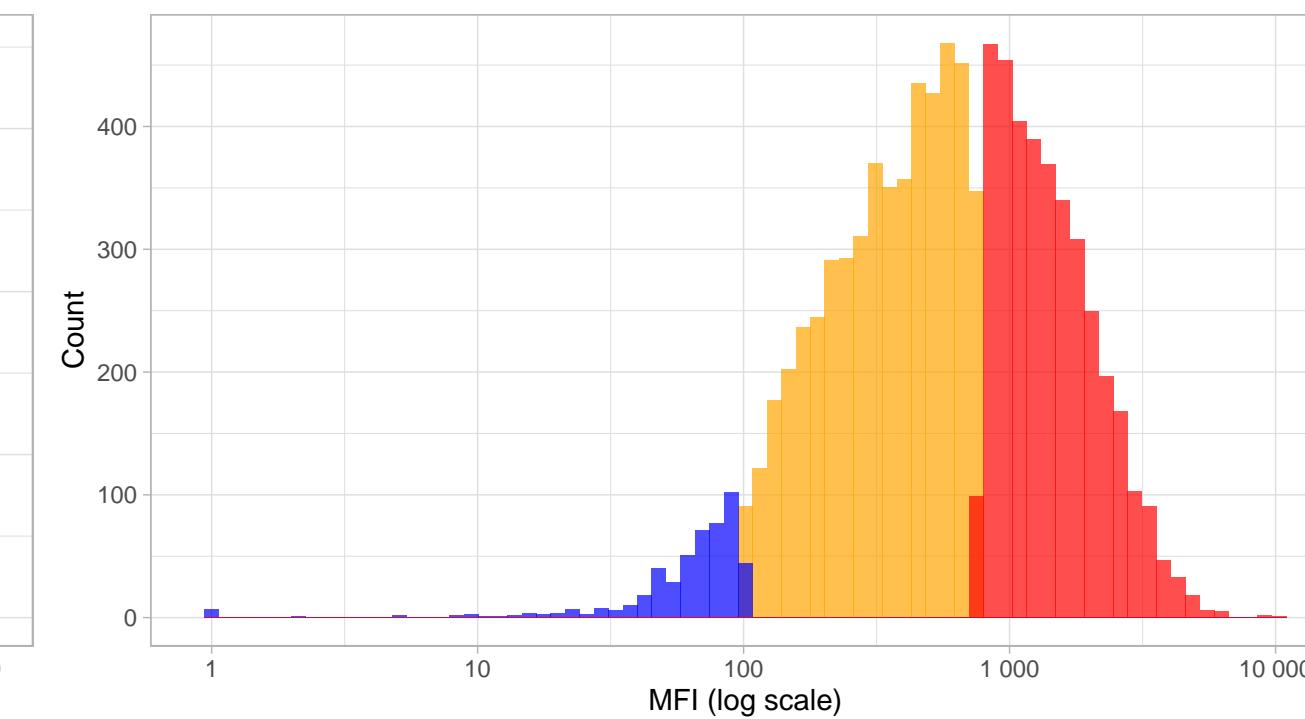
High-Confidence Seropositive Distribution: hhv7_u14

Prob threshold = 0.96



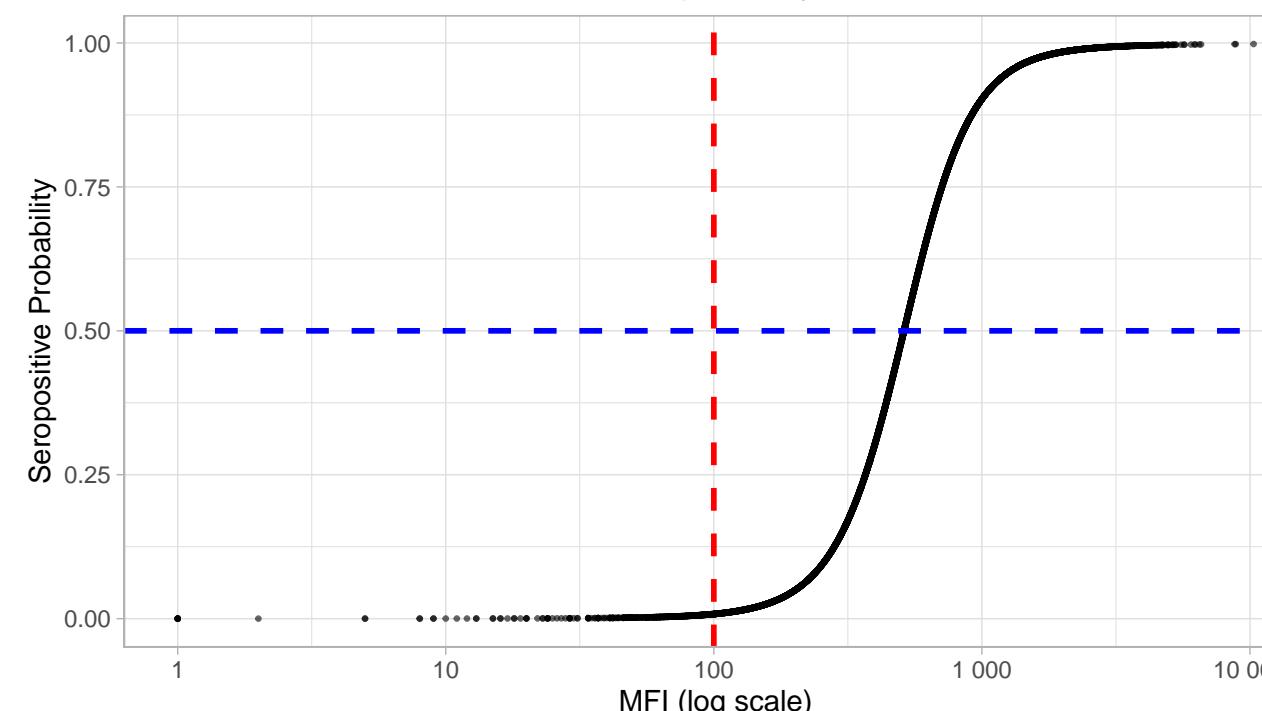
Phenotype Distribution by Classification: hhv7_u14

Comparing hard vs soft classifications



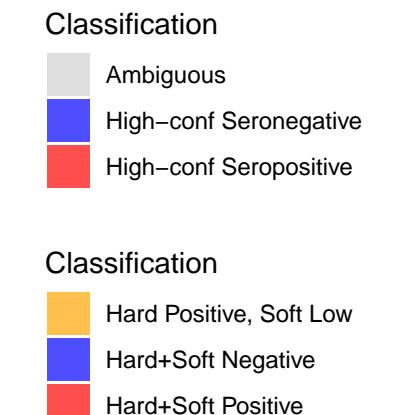
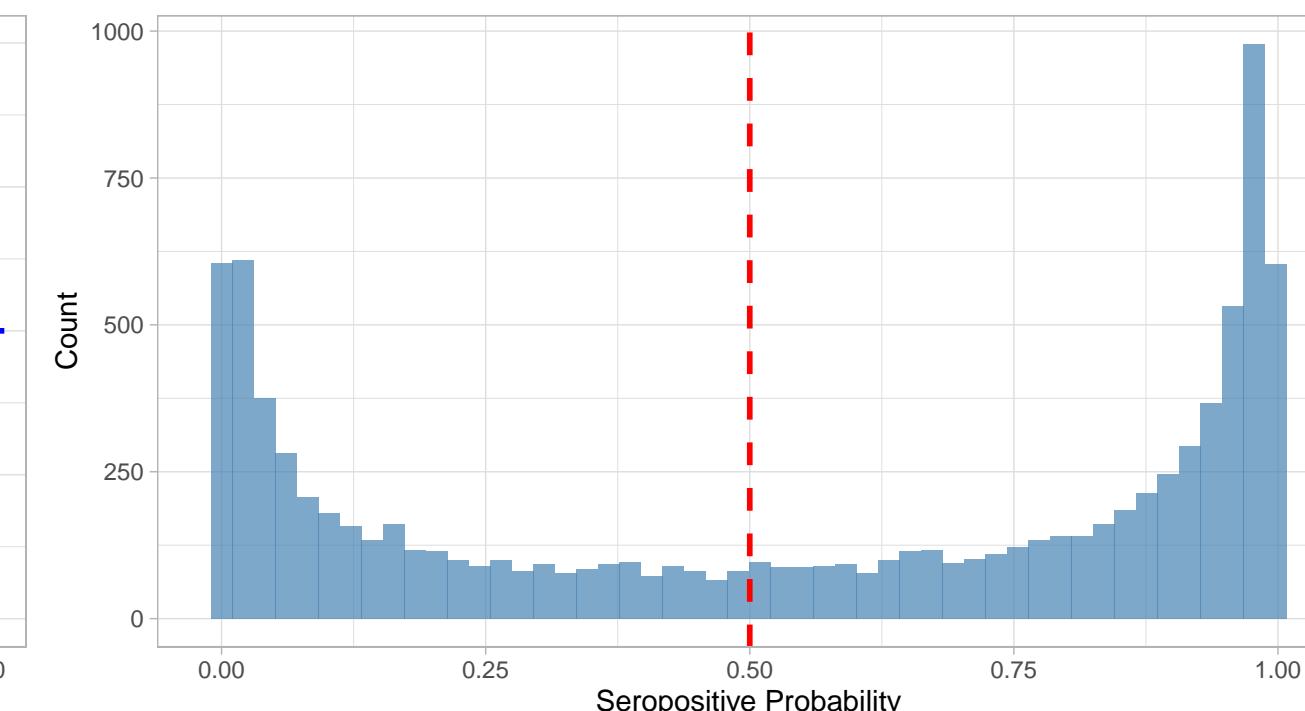
IgG Level vs Seropositive Probability: hhv7_u14

Red line = hard threshold, Blue line = 50% probability



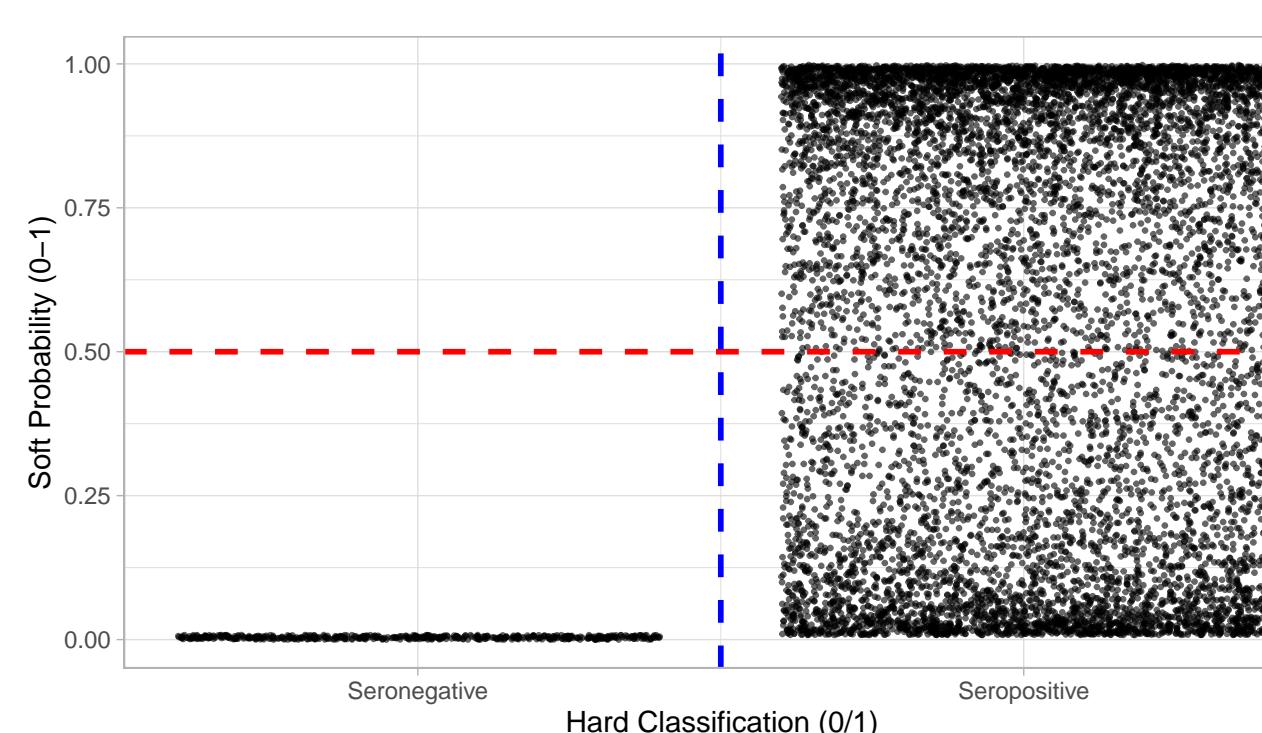
Distribution of Seropositive Probabilities: hhv7_u14

Red line = 50% threshold



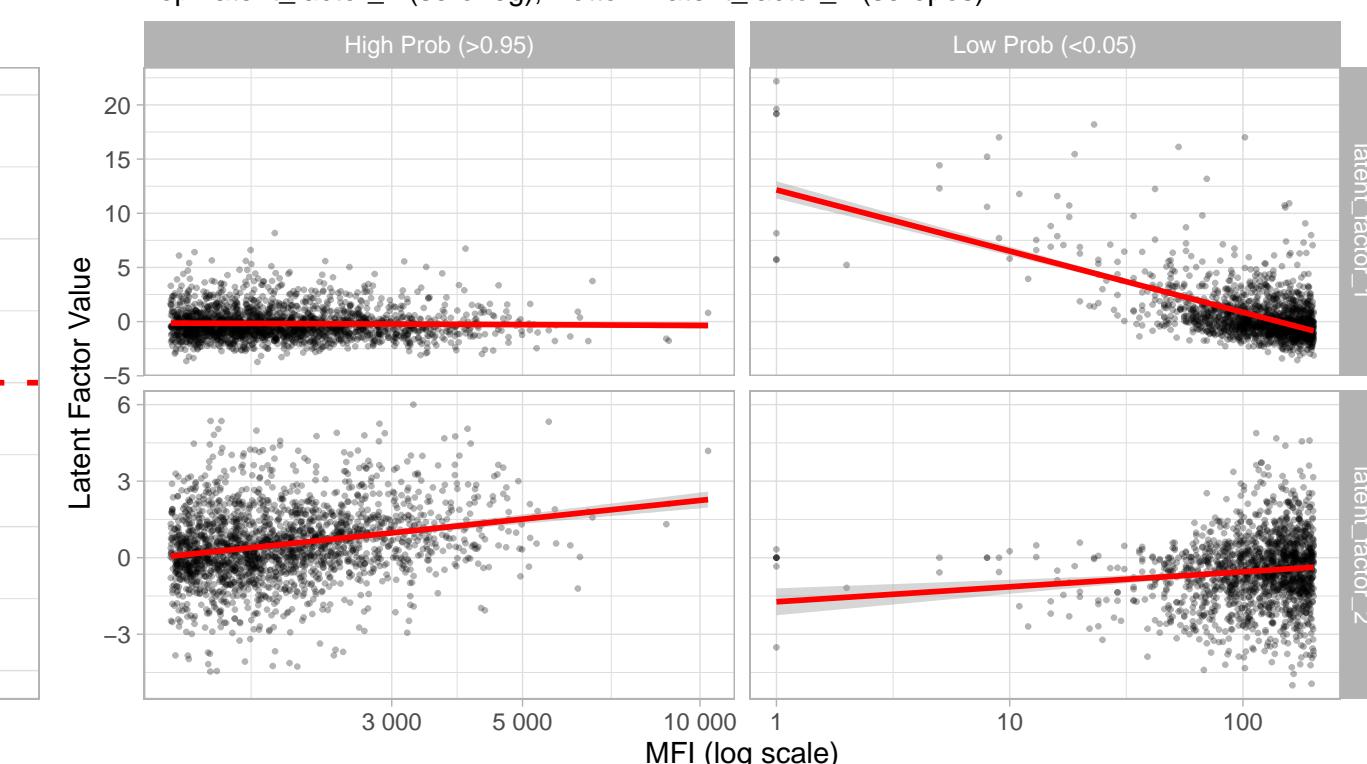
Hard vs Soft Classification: hhv7_u14

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: hhv7_u14

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

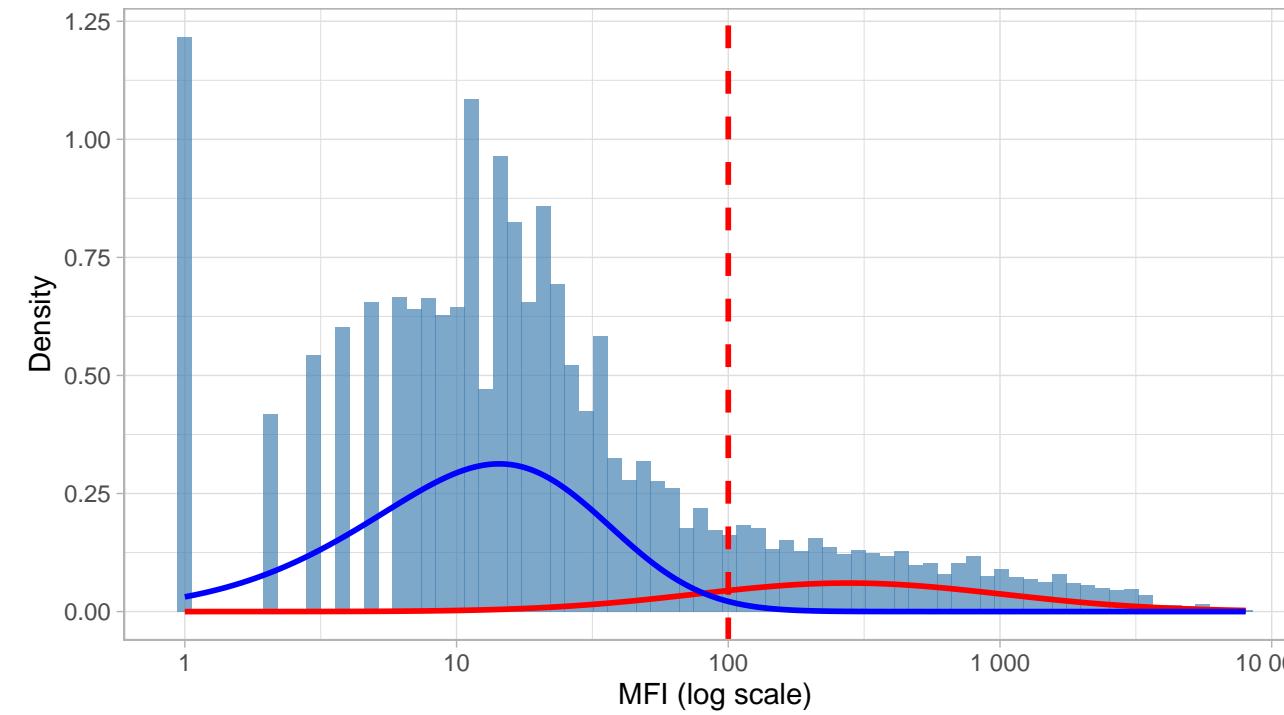


Diagnostics: ct_mompd

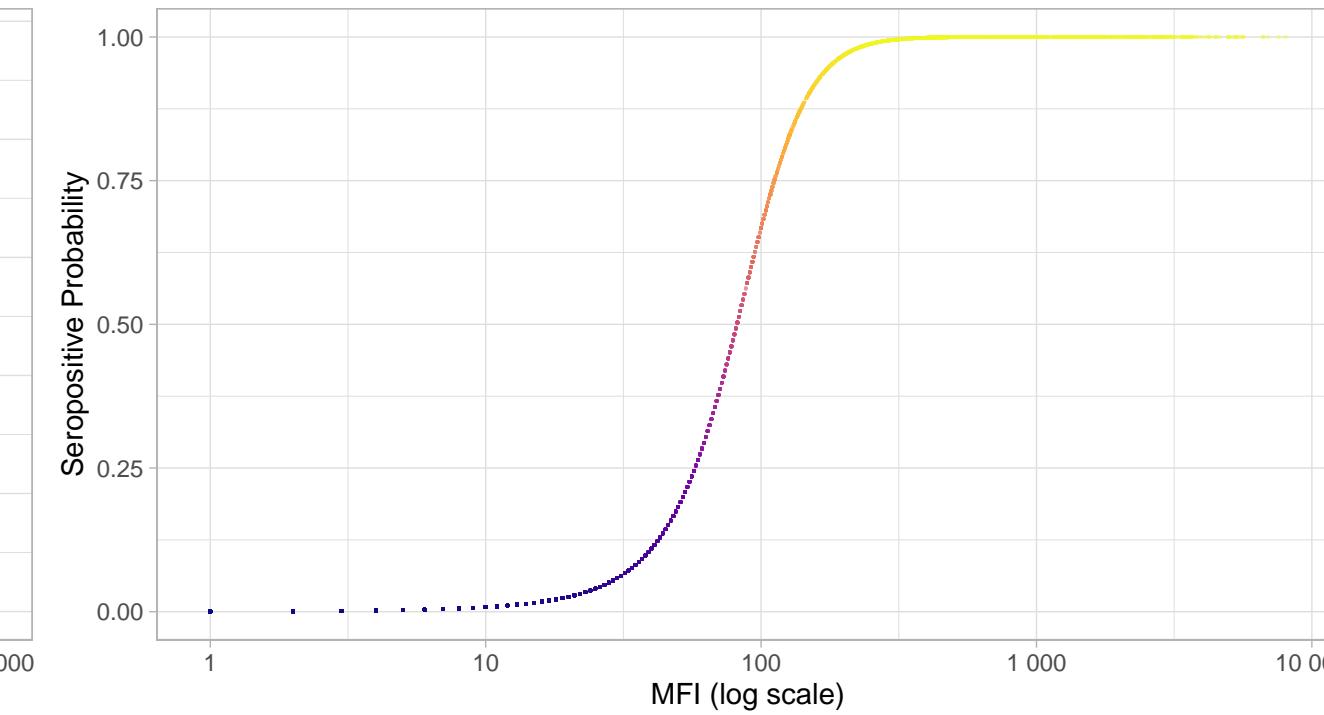
N=9424 | >0.95=1164 | <0.05=6253 | Ambig=2007

Original MFI Distribution: ct_mompd

Hard cutoff threshold = 100

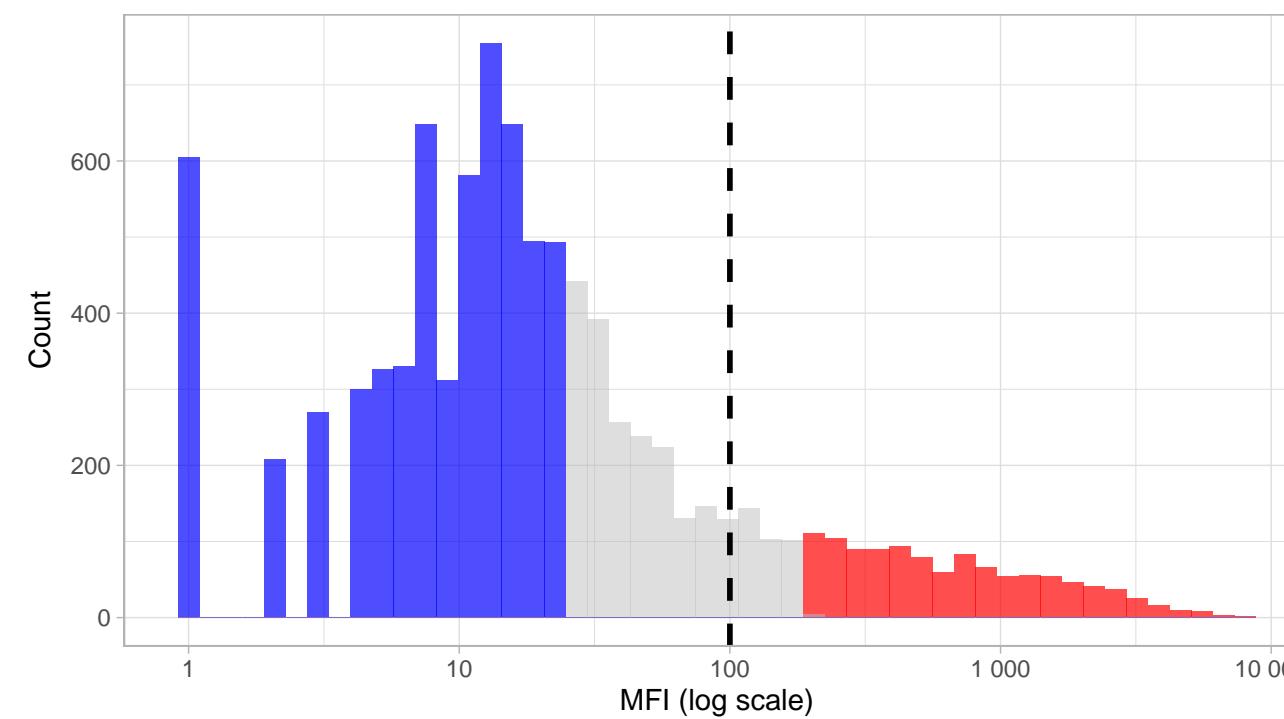


IgG vs Seropositive Probability: ct_mompd



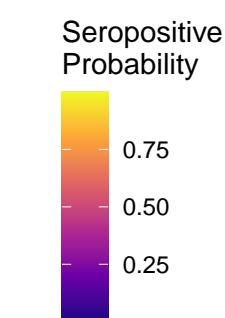
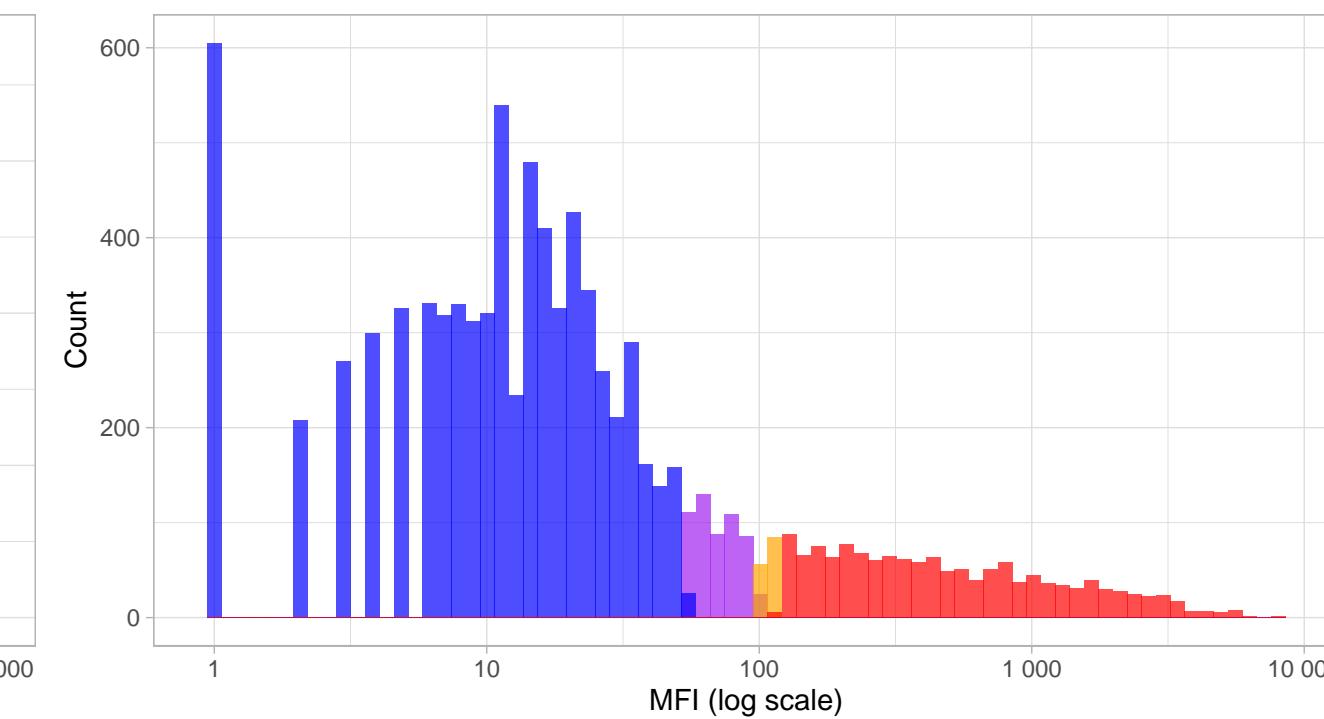
High-Confidence Seropositive Distribution: ct_mompd

Prob threshold = 0.96

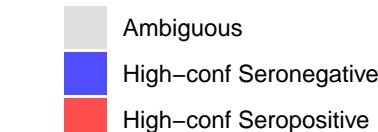


Phenotype Distribution by Classification: ct_mompd

Comparing hard vs soft classifications

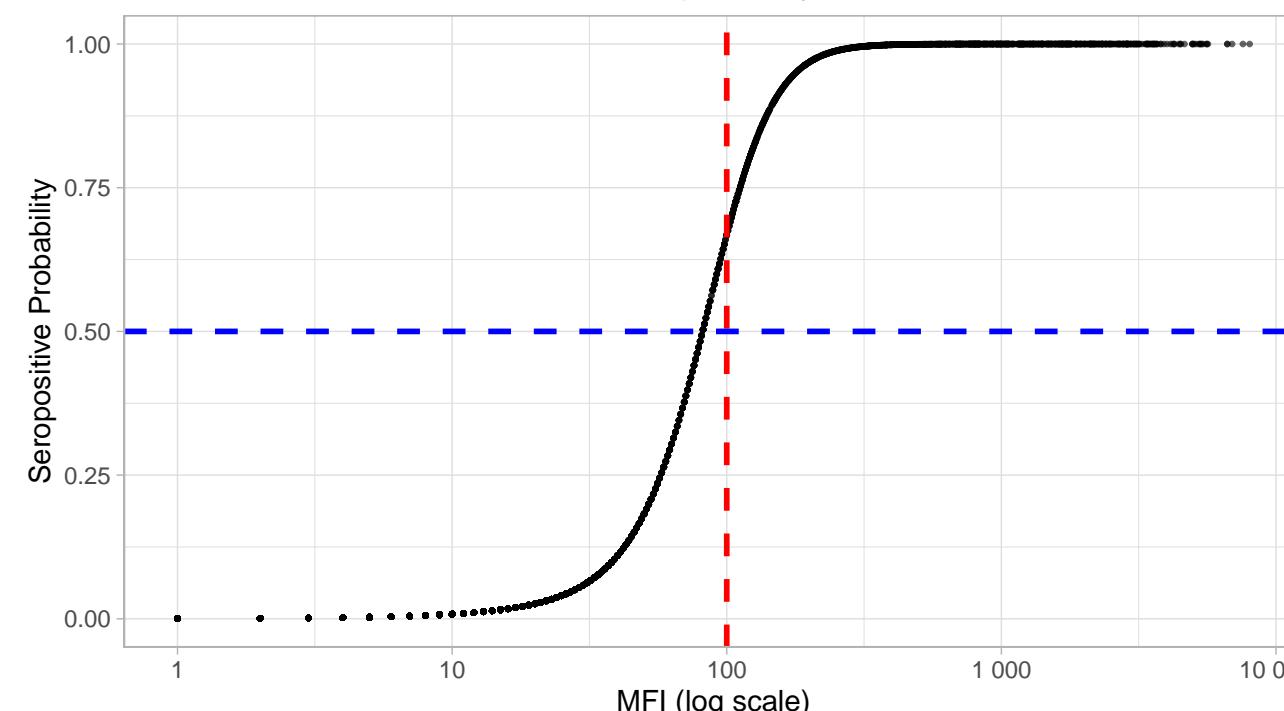


Classification



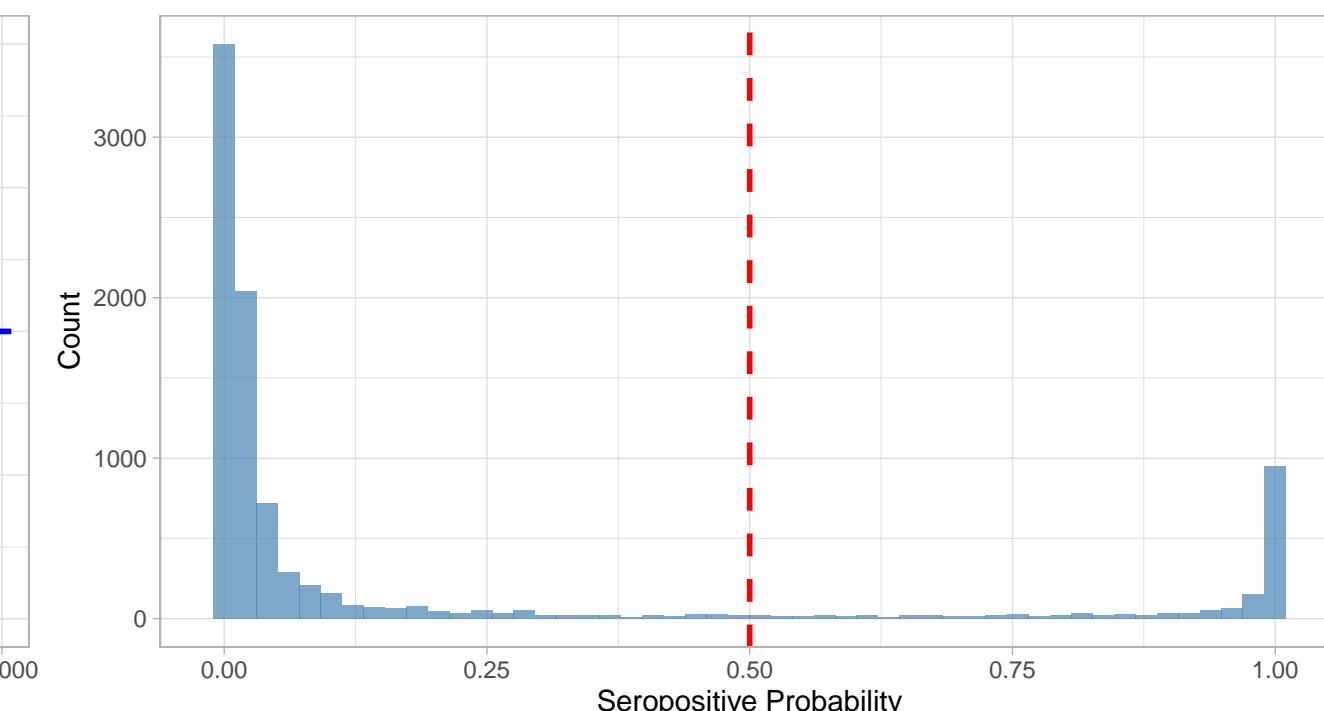
IgG Level vs Seropositive Probability: ct_mompd

Red line = hard threshold, Blue line = 50% probability



Distribution of Seropositive Probabilities: ct_mompd

Red line = 50% threshold

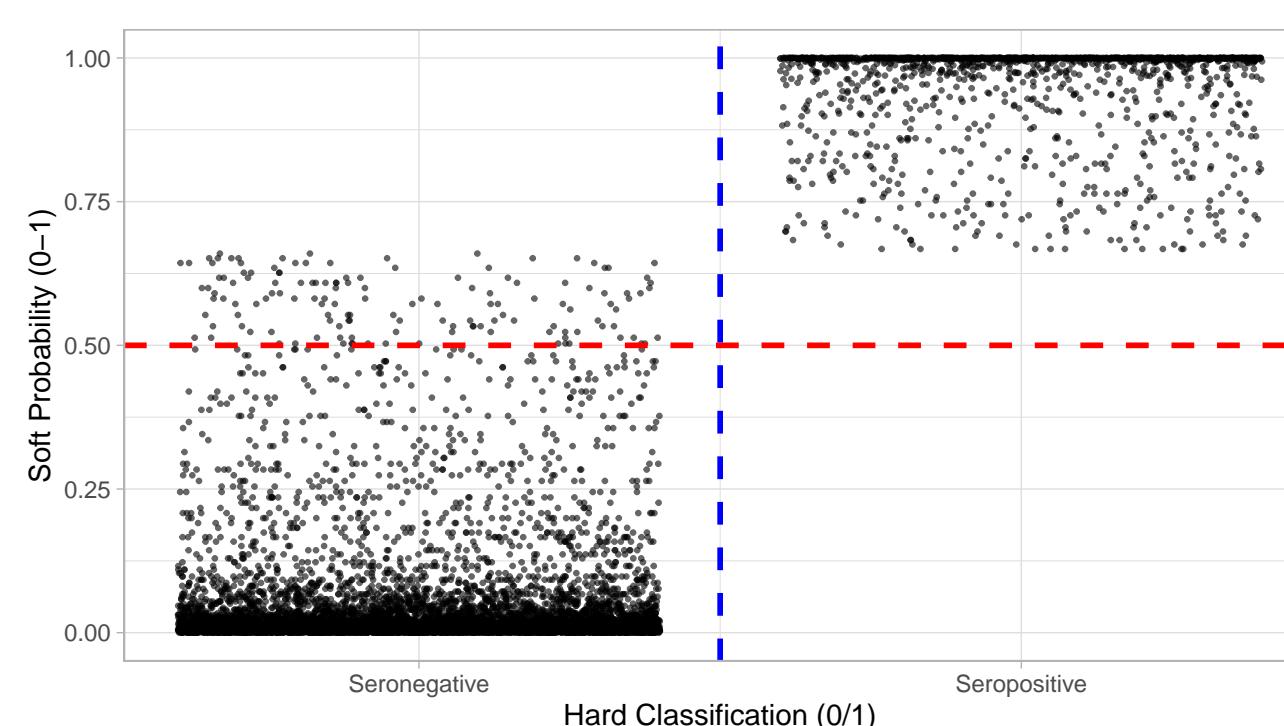


Classification



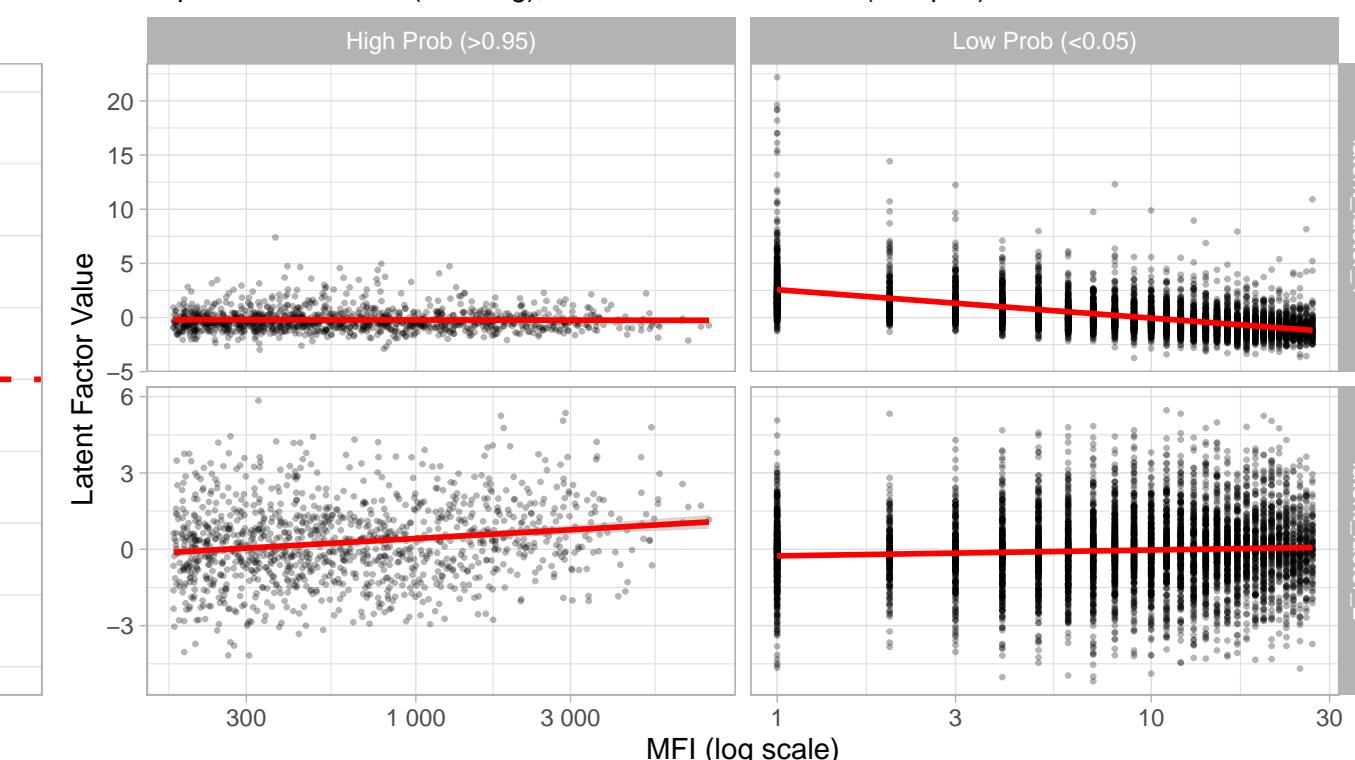
Hard vs Soft Classification: ct_mompd

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: ct_mompd

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

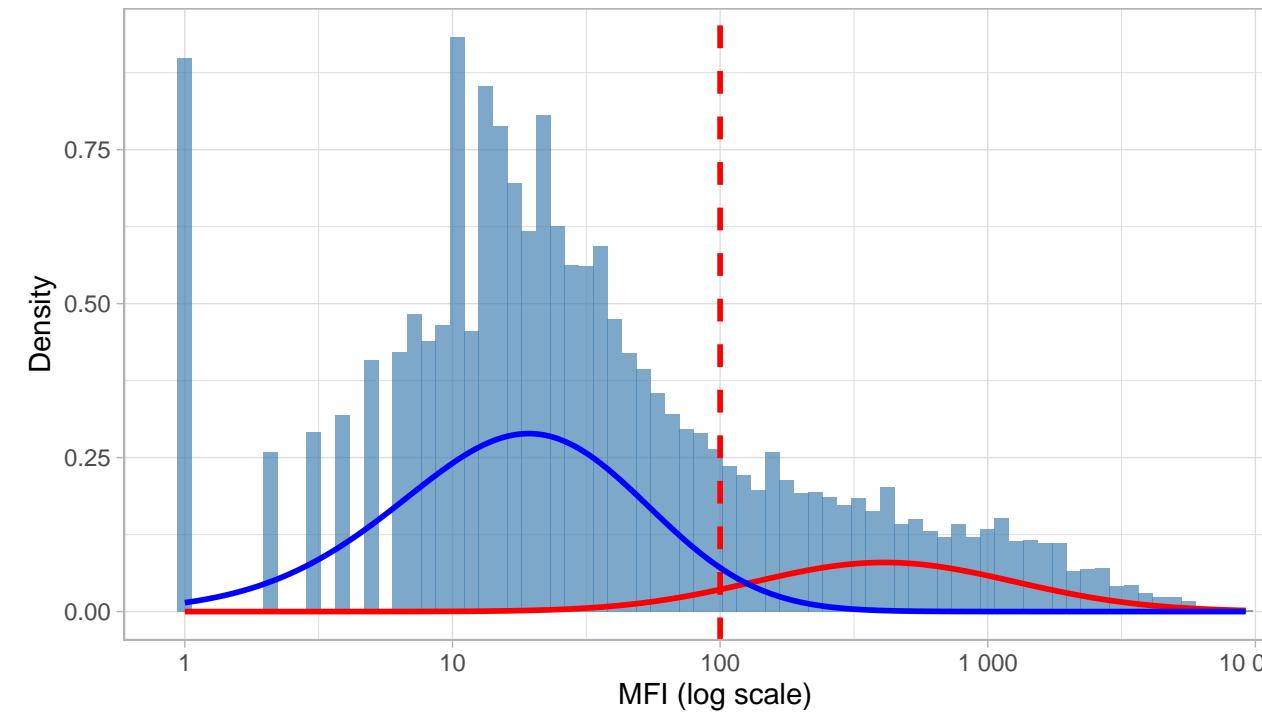


Diagnostics: ct_tarpf2

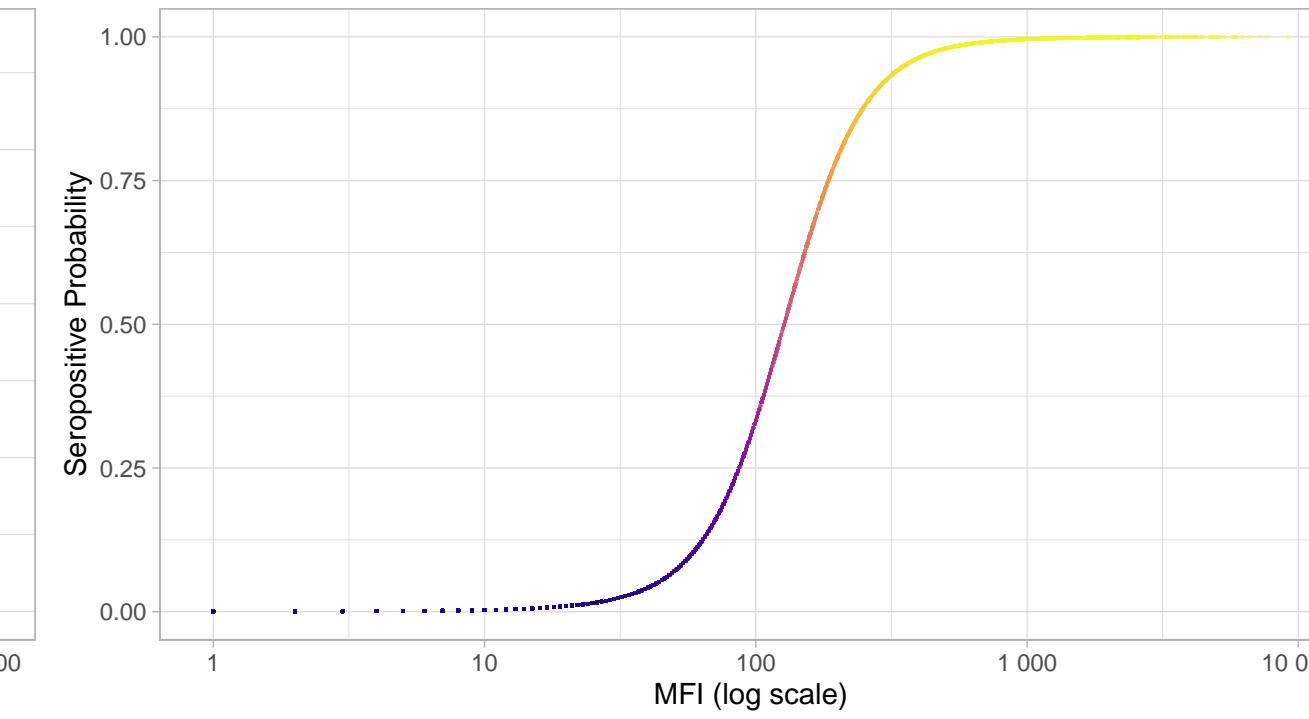
N=9424 | >0.95=1161 | <0.05=6036 | Ambig=2227

Original MFI Distribution: ct_tarpf2

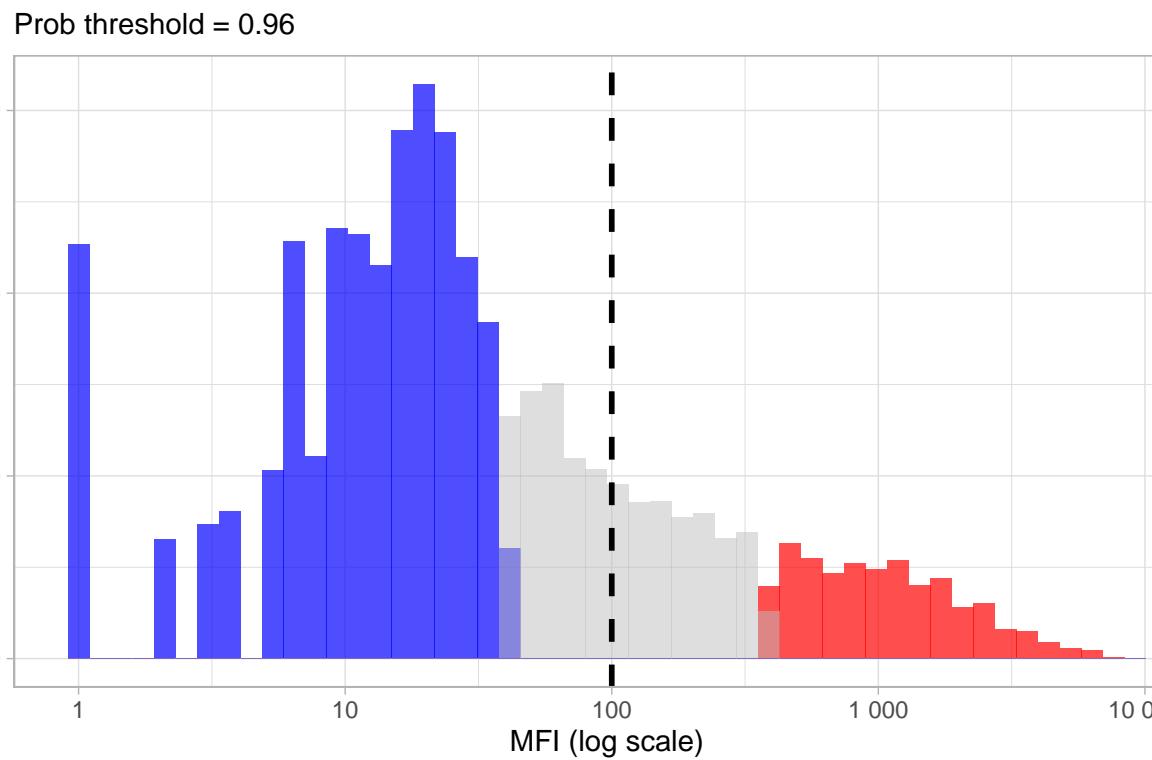
Hard cutoff threshold = 100



IgG vs Seropositive Probability: ct_tarpf2

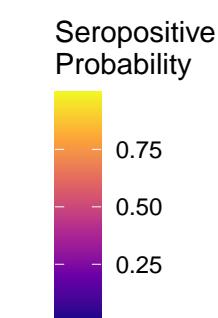
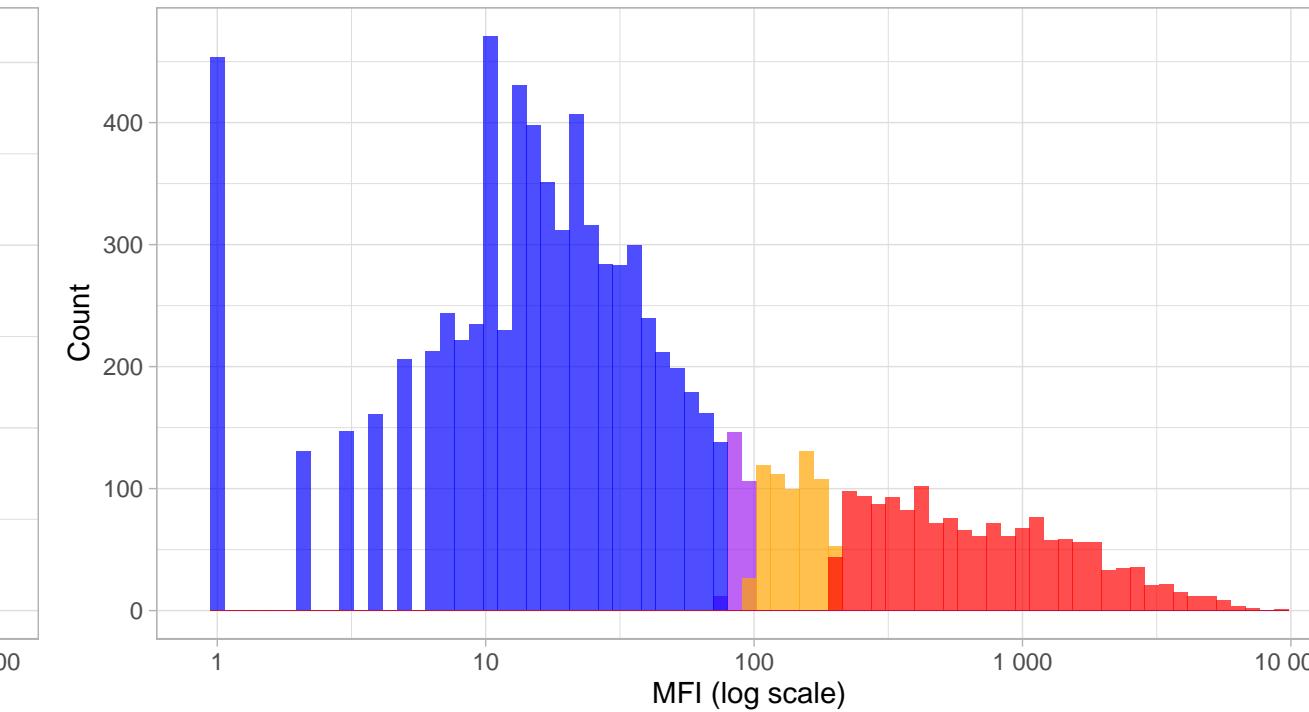


High-Confidence Seropositive Distribution: ct_tarpf2

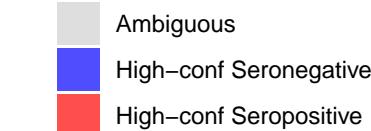


Phenotype Distribution by Classification: ct_tarpf2

Comparing hard vs soft classifications



Classification

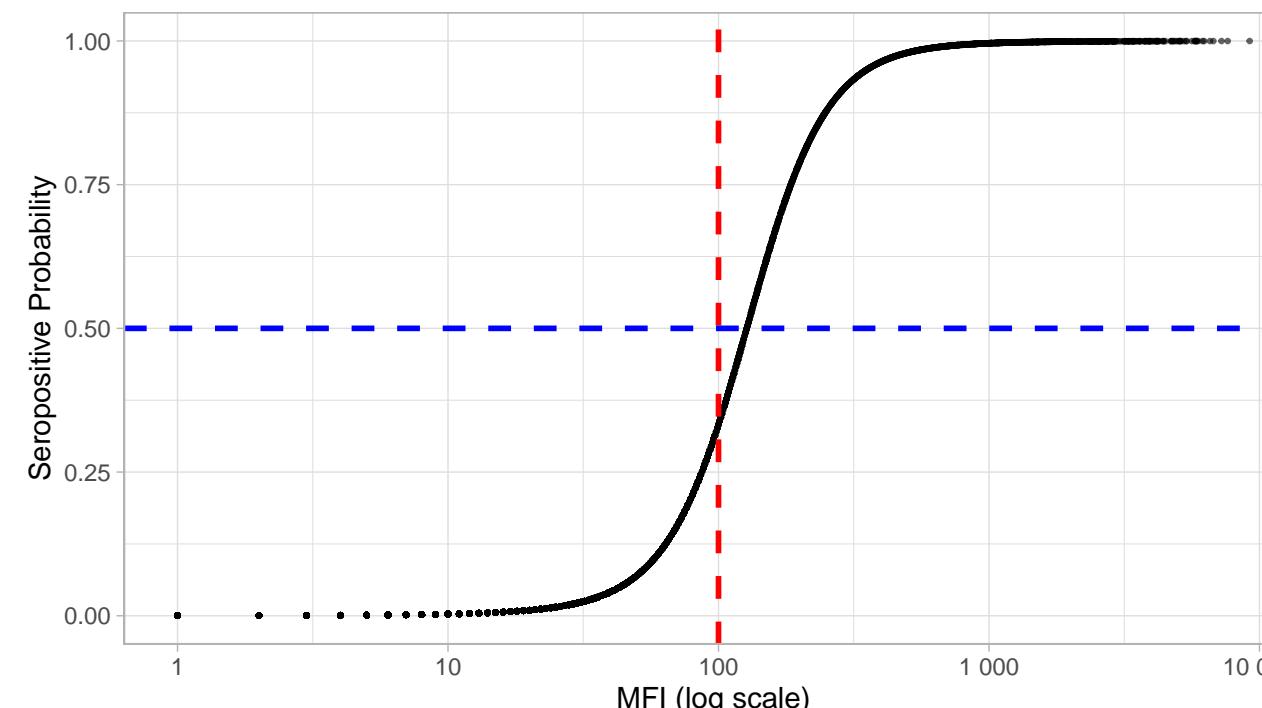


Classification



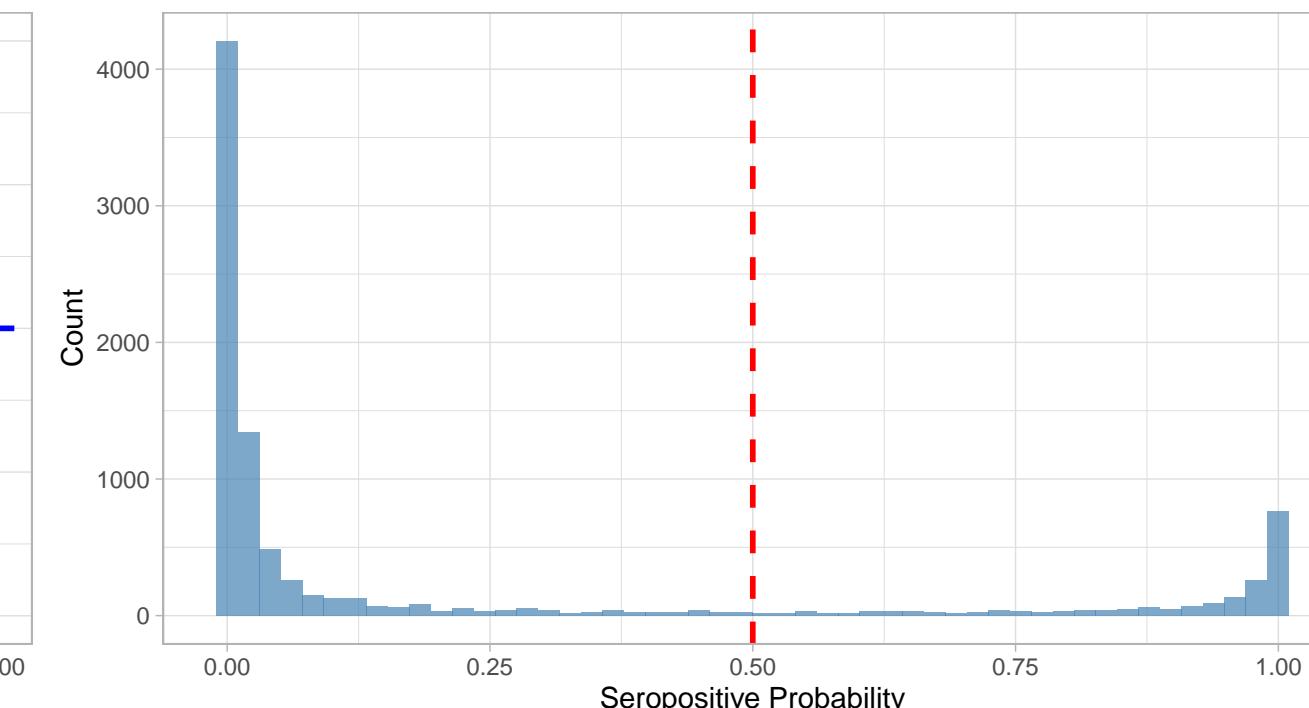
IgG Level vs Seropositive Probability: ct_tarpf2

Red line = hard threshold, Blue line = 50% probability



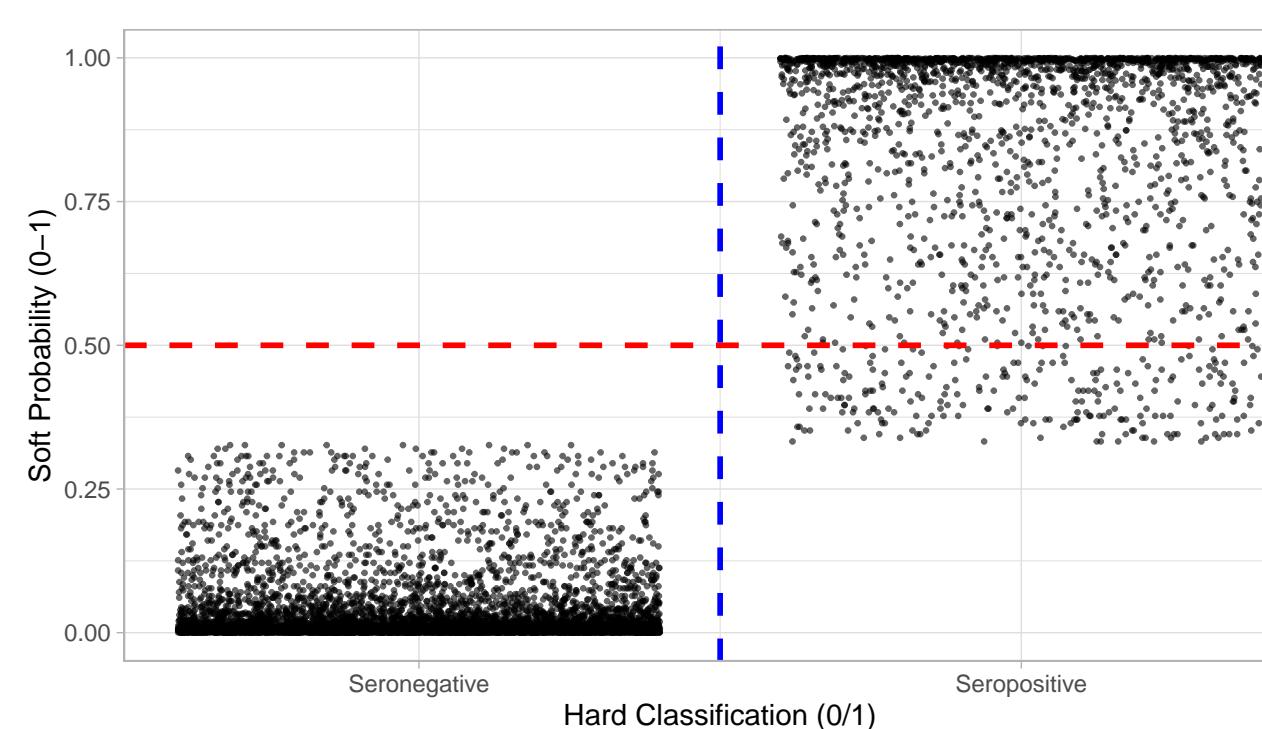
Distribution of Seropositive Probabilities: ct_tarpf2

Red line = 50% threshold



Hard vs Soft Classification: ct_tarpf2

Red line = 50% soft threshold, Blue line = hard threshold



Latent Factor Components vs IgG Level: ct_tarpf2

Top: latent_factor_1 (seroneg), Bottom: latent_factor_2 (seropos)

