##### HRS vs AKI

NGAL,FeNa,Urine.Na

Area under the curve: 0.9485

> auc(b)

Area under the curve: 0.9318

> auc(c)

Area under the curve: 0.8864

# NGAL

CRITERION: Youden

Number of optimal cutoffs: 1

Estimate

cutoff 1104.0000000

Se 0.8000000

Sp 1.0000000

PPV 1.0000000

NPV 0.9428571

DLR.Positive Inf

DLR.Negative 0.2000000

FP 0.0000000

FN 2.0000000

Optimal criterion 0.8000000

# Fena

Estimate

cutoff 1.8800000

Se 0.9000000

Sp 0.9393939

PPV 0.8181818

NPV 0.9687500

DLR.Positive 14.8500000

DLR.Negative 0.1064516

FP 2.0000000

FN 1.0000000

Optimal criterion 0.8393939

# Urine.na

CRITERION: Youden

Number of optimal cutoffs: 1

Estimate

cutoff 85.0000000

Se 0.9000000

Sp 0.8484848

PPV 0.6428571

NPV 0.9655172

DLR.Positive 5.9400000

DLR.Negative 0.1178571

FP 5.0000000

FN 1.0000000

Optimal criterion 0.7484848

#### HRS vs Prerenal

> auc(a)

Area under the curve: 0.9455

> auc(b)

Area under the curve: 0.8144

> auc(c)

Area under the curve: 0.7756

NGAL in HRS vs Prerenal

CRITERION: Youden

Number of optimal cutoffs: 1

Estimate

cutoff 299.0000000

Se 0.8787879

Sp 0.9687500

PPV 0.9666667

NPV 0.8857143

DLR.Positive 28.1212121

DLR.Negative 0.1251222

FP 1.0000000

FN 4.0000000

Optimal criterion 0.8475379

#FeNa HRS vsPre-renal

Area under the ROC curve (AUC): 0.814 (0.702, 0.927)

CRITERION: Youden

Number of optimal cutoffs: 1

Estimate

cutoff 0.9700000

Se 0.8181818

Sp 0.7812500

PPV 0.7941176

NPV 0.8064516

DLR.Positive 3.7402597

DLR.Negative 0.2327273

FP 7.0000000

FN 6.0000000

Optimal criterion 0.5994318

# Urine.na HRS vs Prernal

Area under the ROC curve (AUC): 0.776 (0.662, 0.889)

CRITERION: Youden

Number of optimal cutoffs: 1

Estimate

cutoff 46.0000000

Se 0.7878788

Sp 0.6562500

PPV 0.7027027

NPV 0.7500000

DLR.Positive 2.2920110

DLR.Negative 0.3232323

FP 11.0000000

FN 7.0000000

Optimal criterion 0.4441288