

The following pages contain the listed calculations for all patients at each point in box and scatter plots

short name	function name	solid model applicator	body	balloon & rectal contrast	packing contrast
balloon & rectal, packing = Bone	D(Y, N, B, B)	Y	None	Bone	Bone
balloon & rectal = Bone	D(Y, N, B, N)	Y	None	Bone	None
balloon & rectal = Bone, packing = Muscle	D(Y, N, B, M)	Y	None	Bone	Muscle
noApp, CT	D(N, N, N, N)	N	None	None	None
CT	D(Y, N, N, N)	Y	None	None	None
balloon & rectal, packing = Muscle	D(Y, N, M, M)	Y	None	Muscle	Muscle
body = Muscle	D(Y, M, X, X)	Y	Muscle	NA	NA
noApp, body = Muscle	D(N, M, X, X)	N	Muscle	NA	NA

D(solid model applicator, body, balloon & rectal contrast, packing contrast)

N = None

Y = Yes

X = not applicable

M = 1 g/cc Muscle

B = 2.25 g/cc Bone

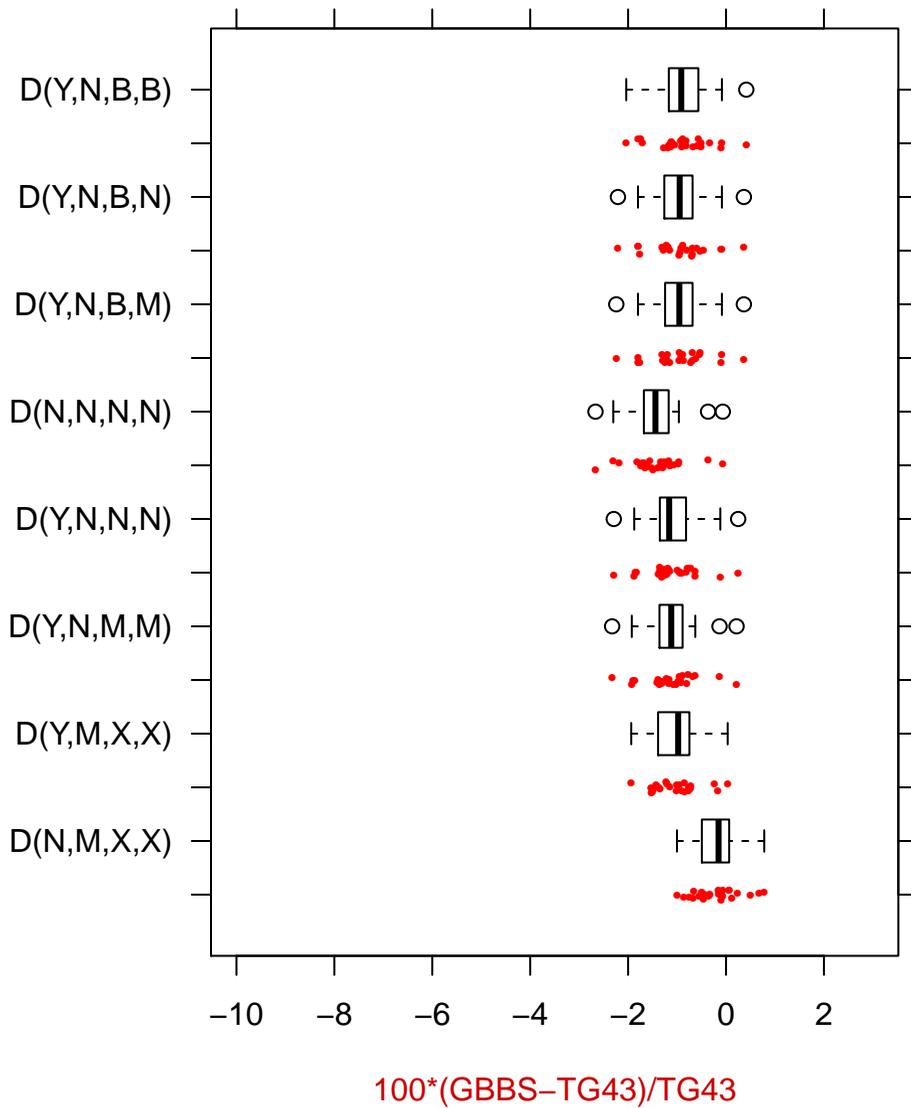
 all patients

 rectal contrast was overridden

 no rectal contrast, so entire rectum was overridden

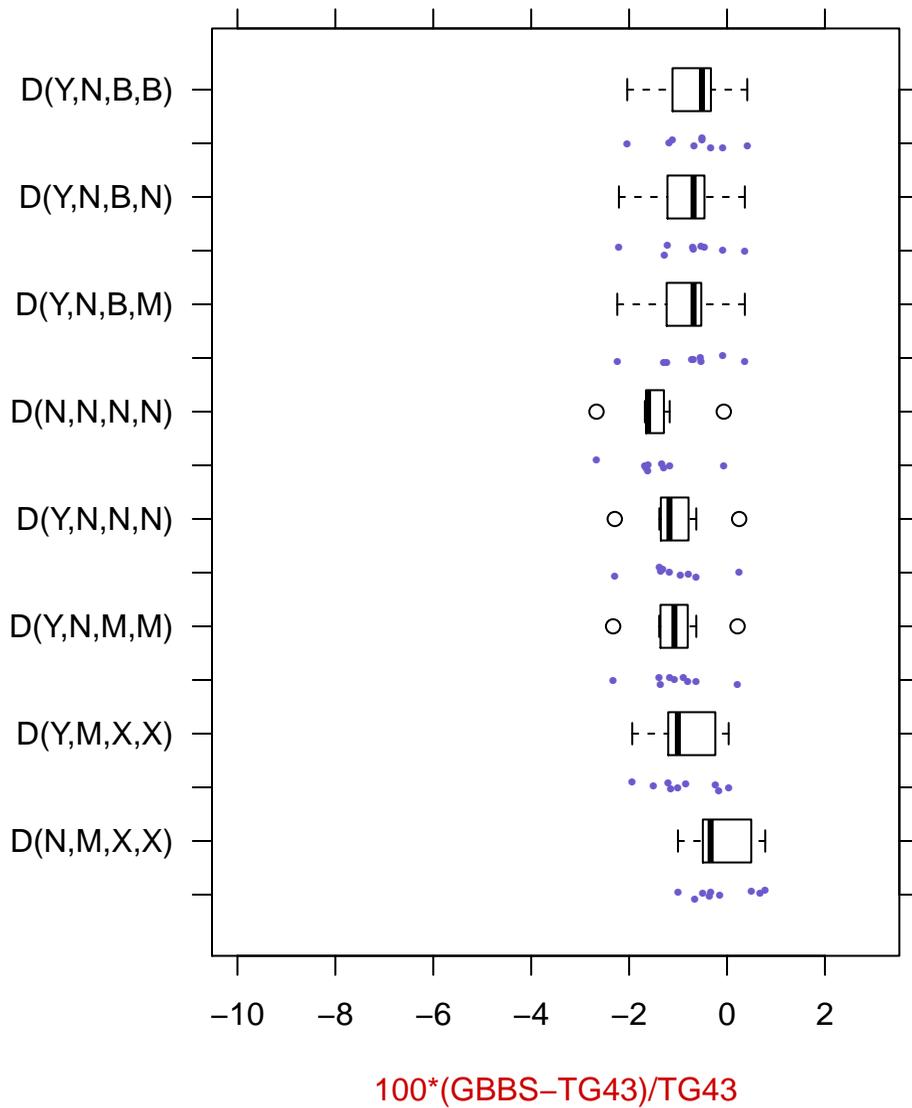
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A left



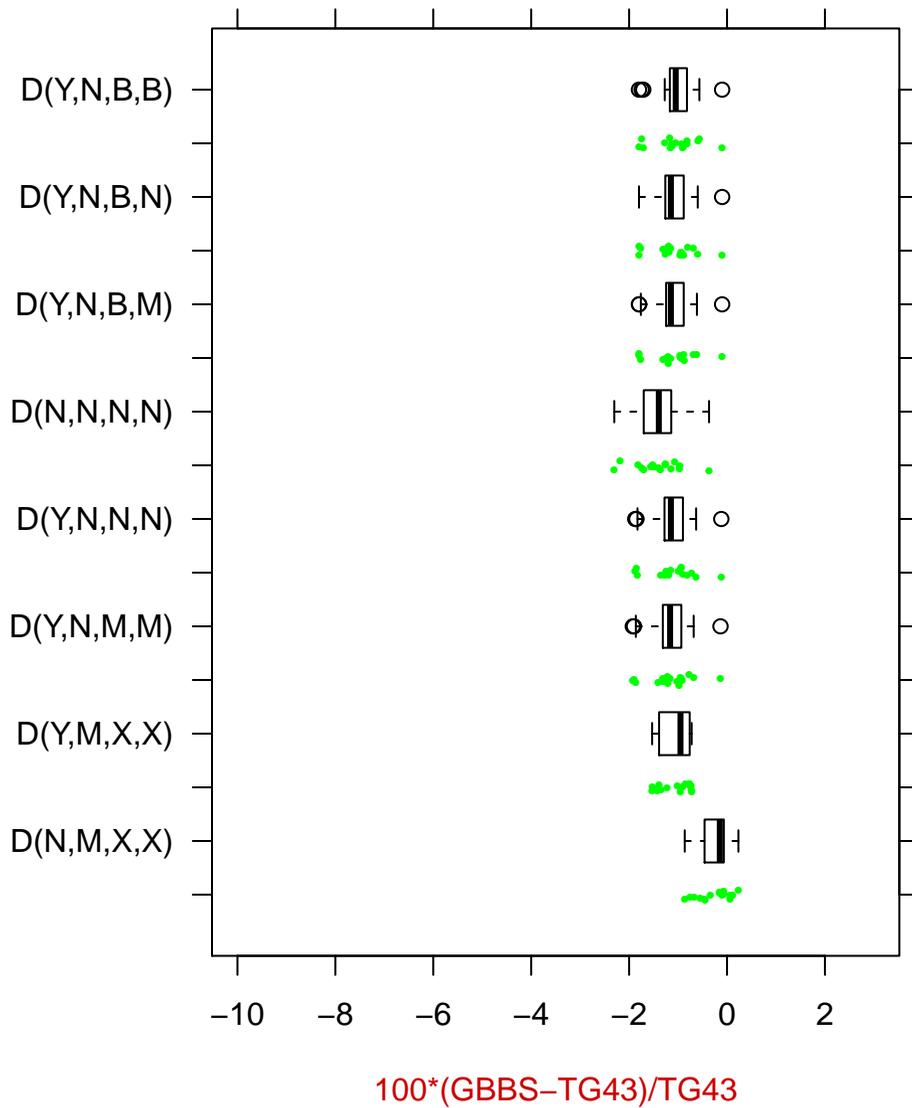
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A left



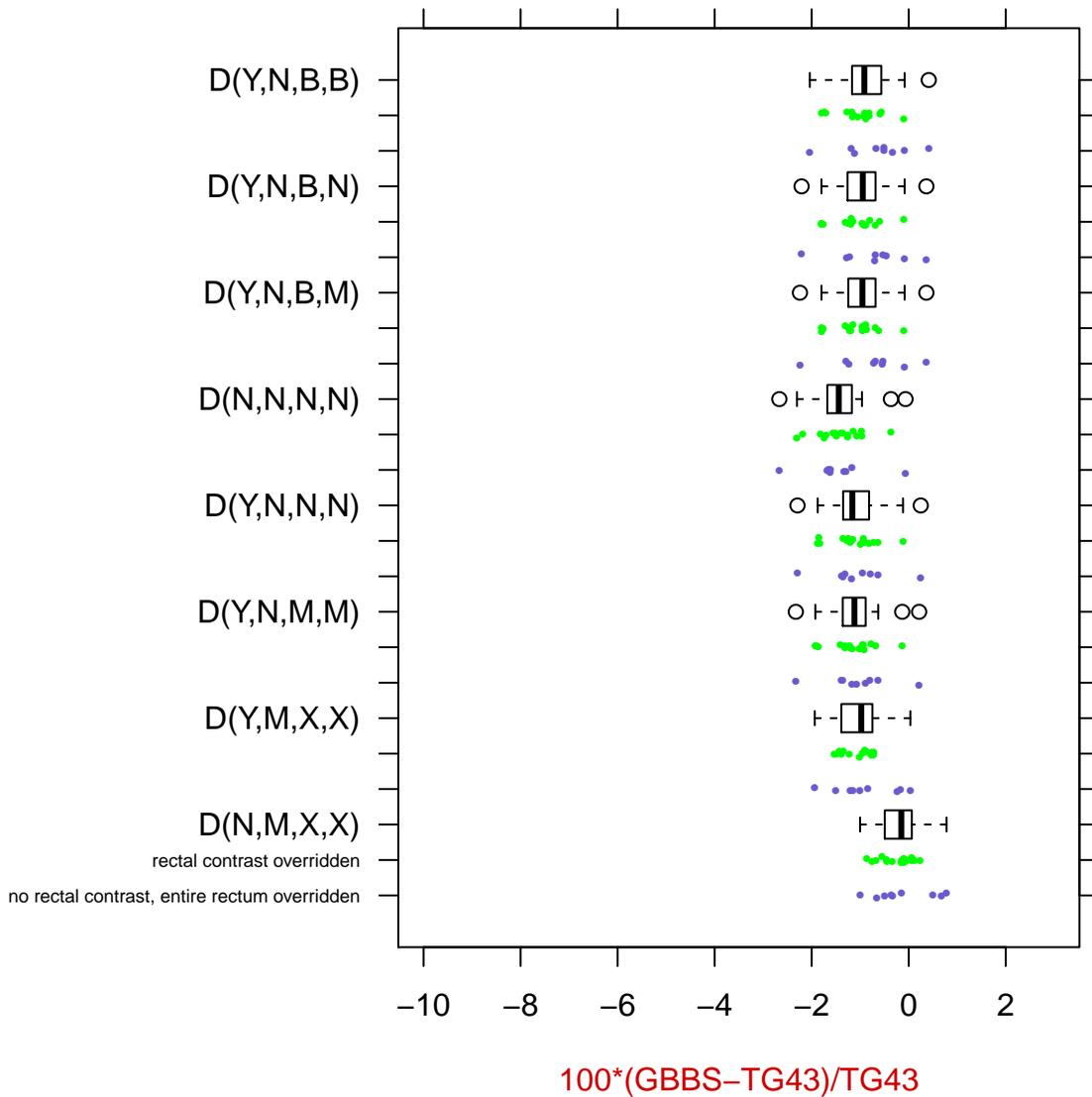
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A left



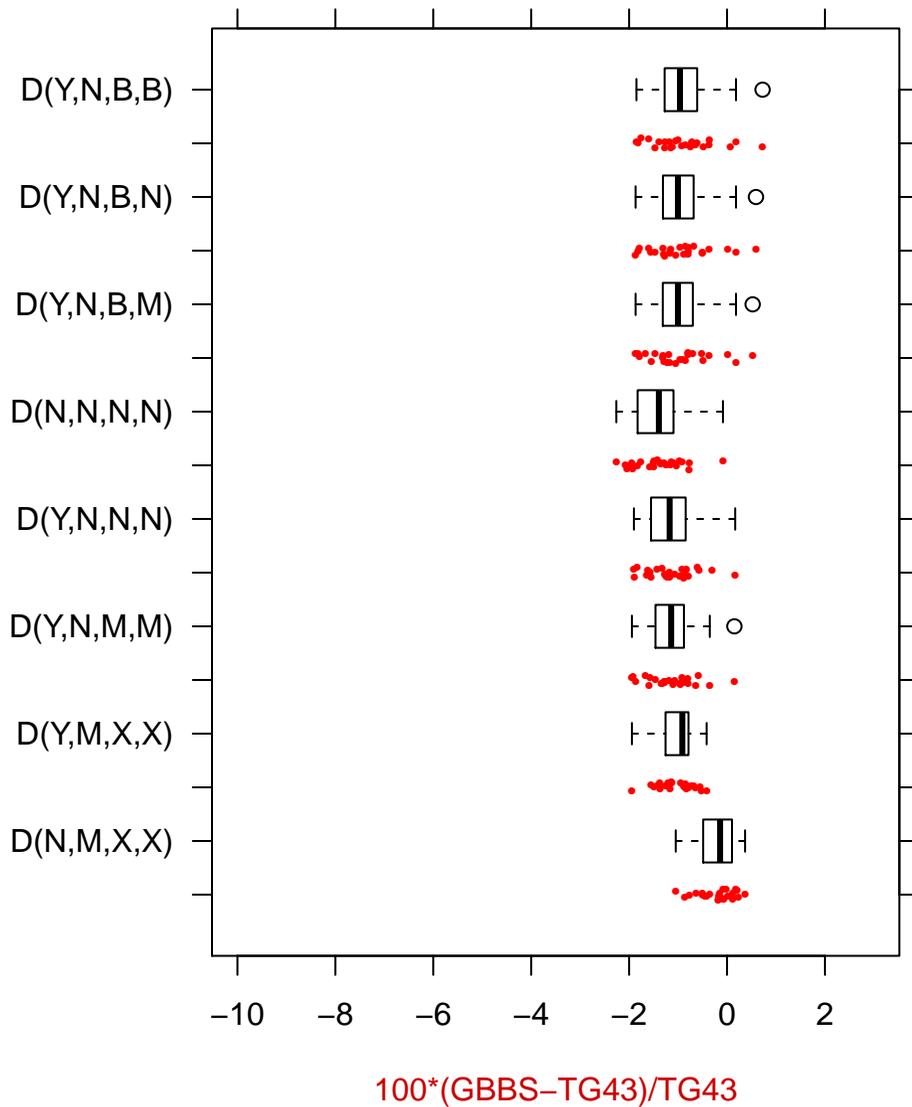
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A left



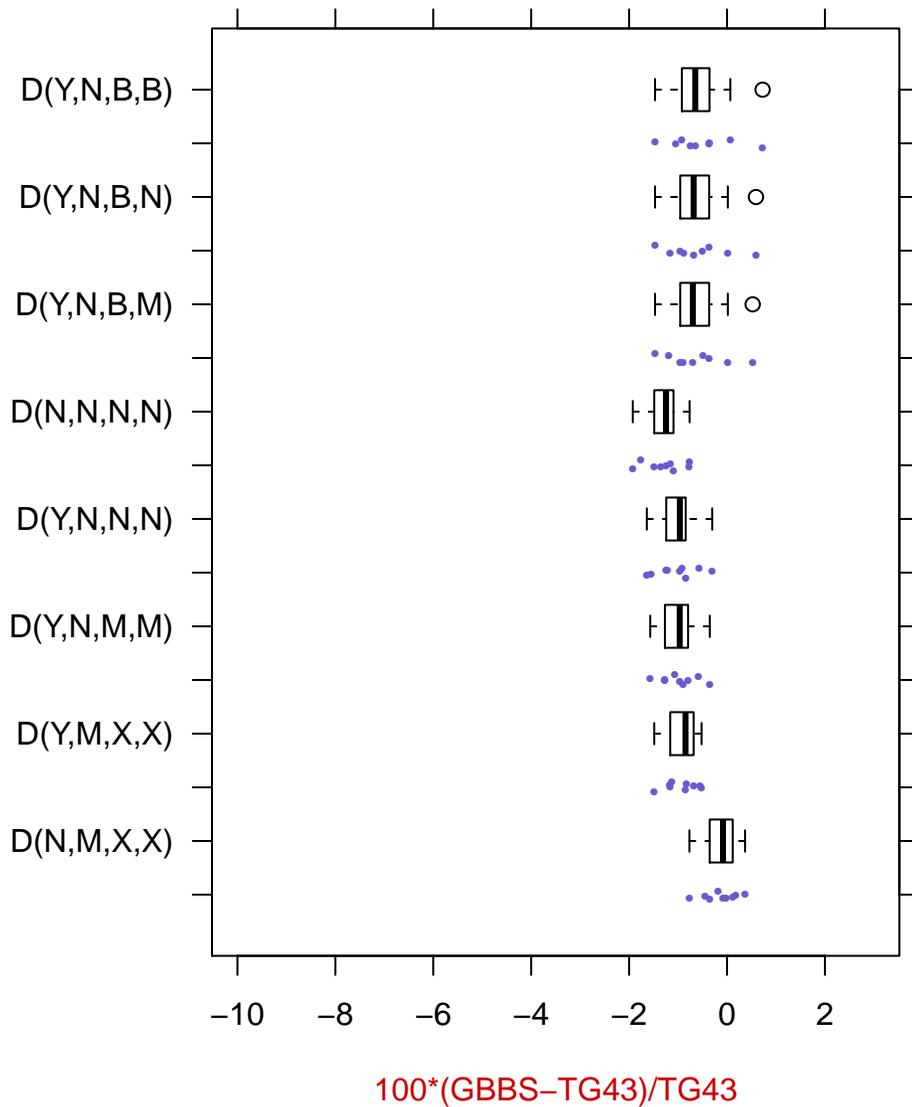
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A right



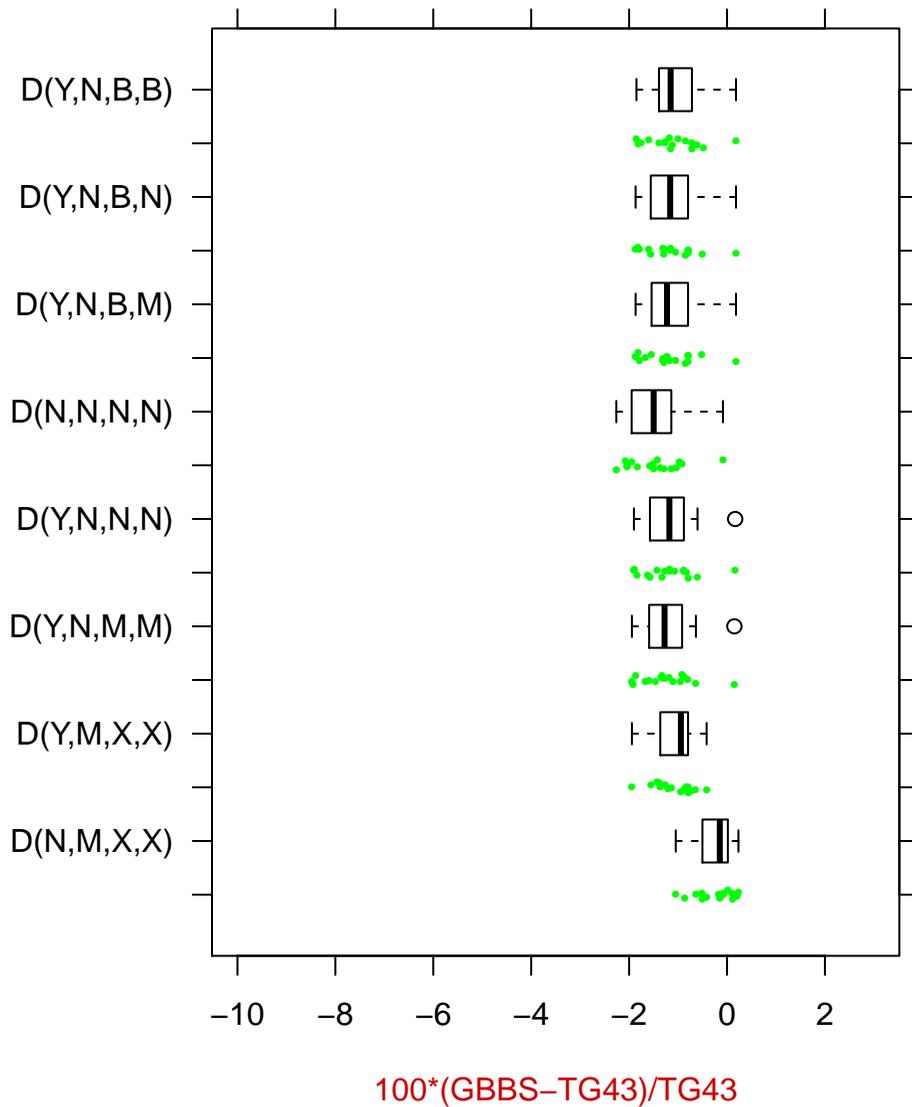
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A right



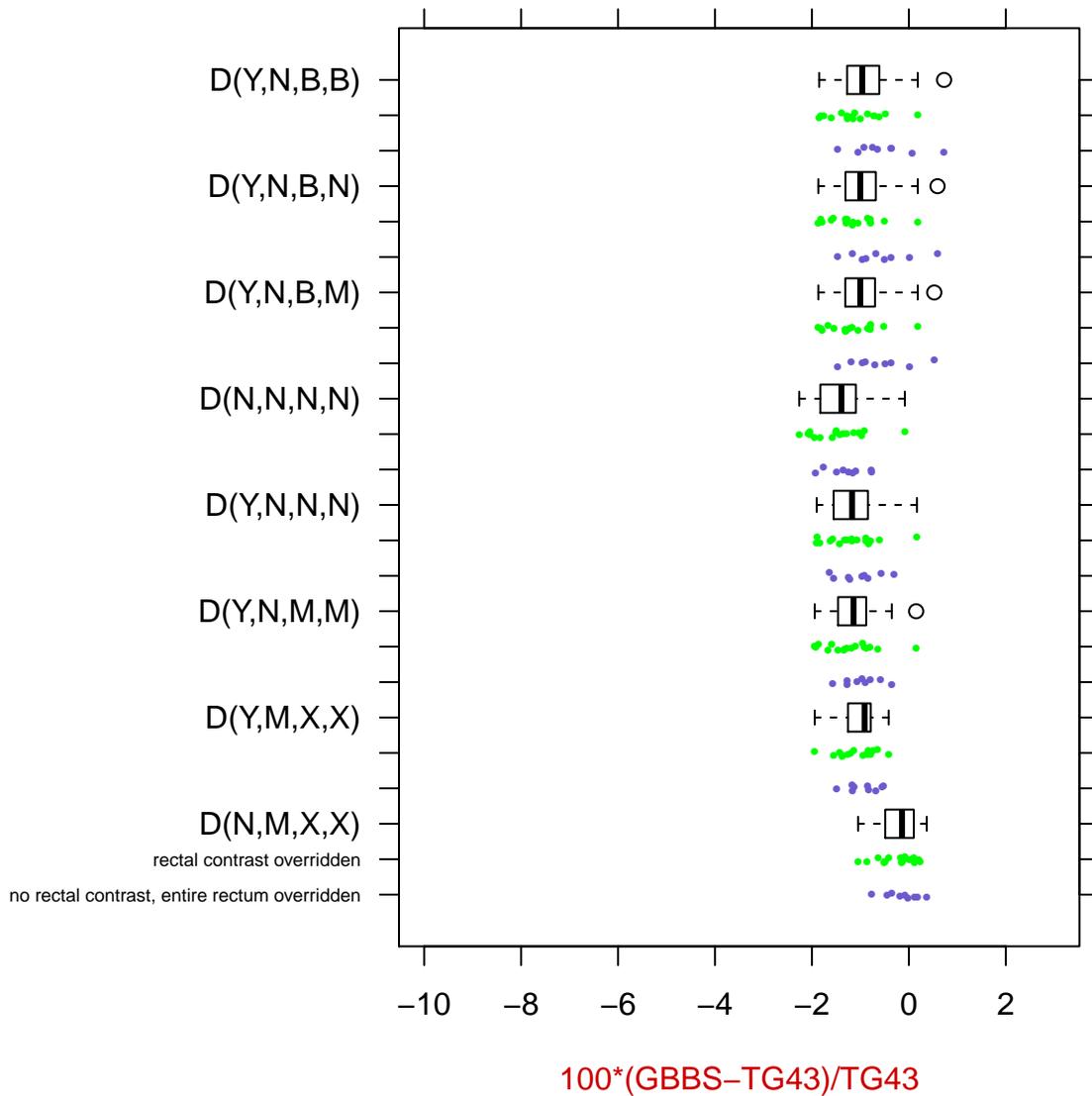
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A right



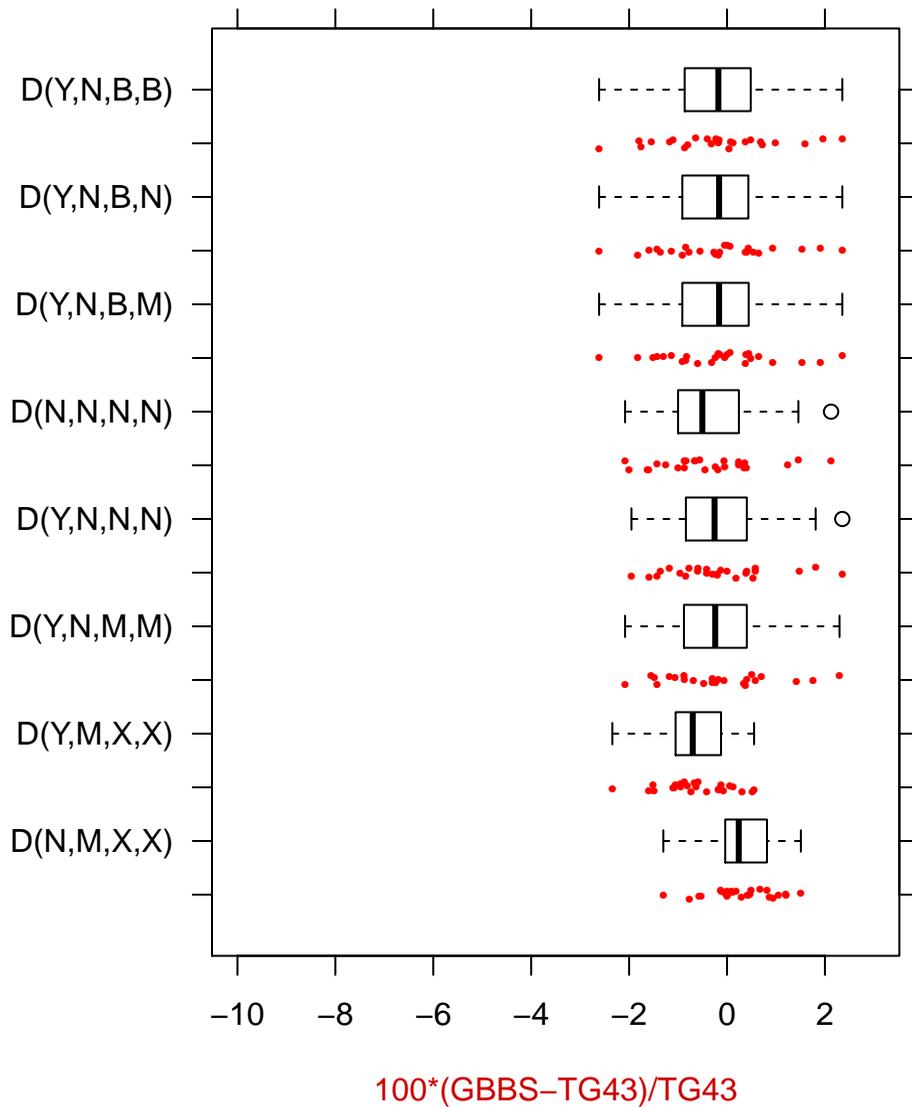
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

A right



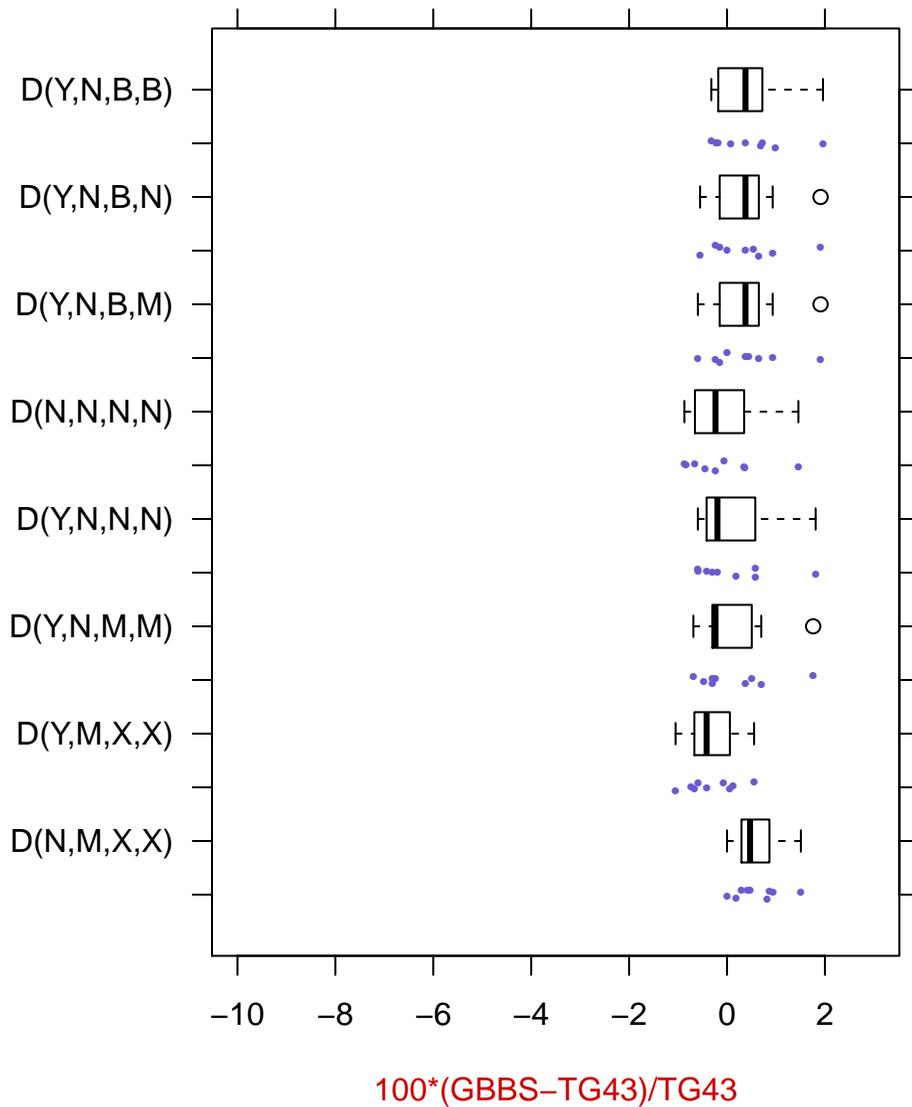
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B left



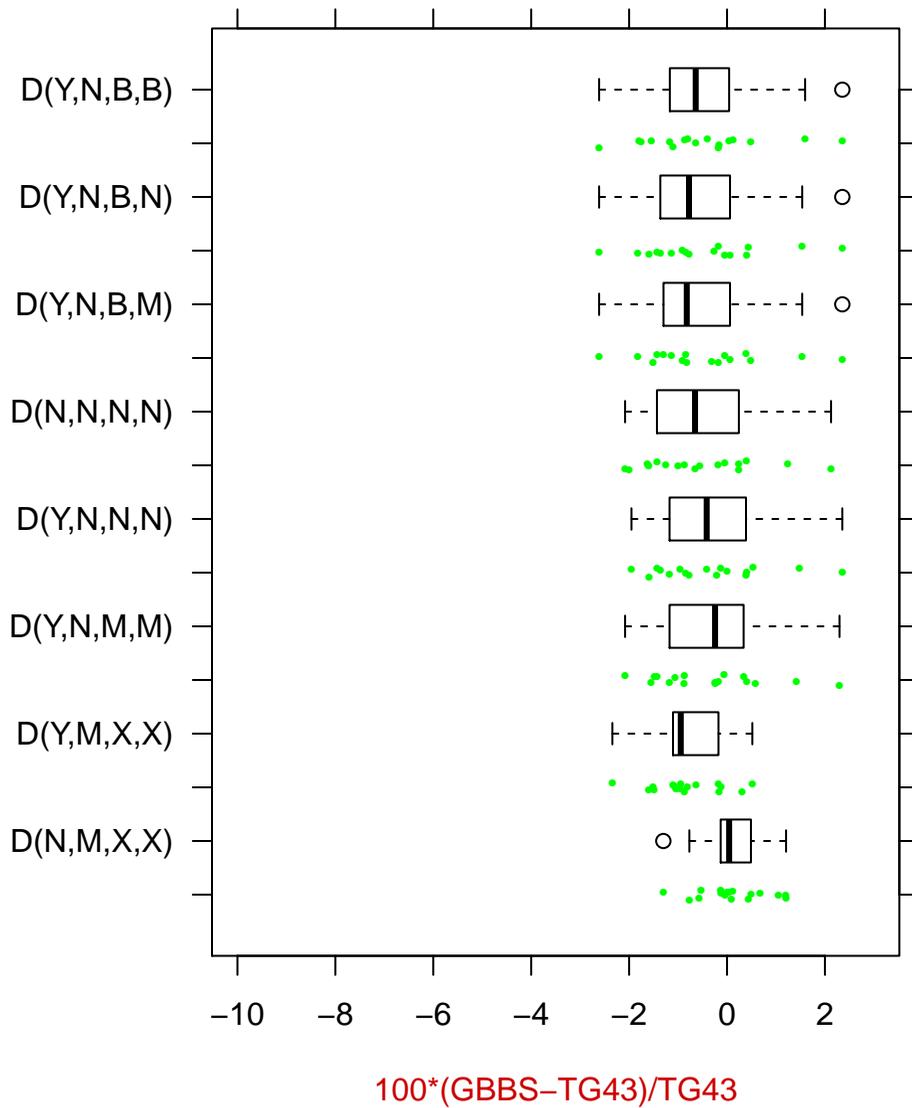
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B left



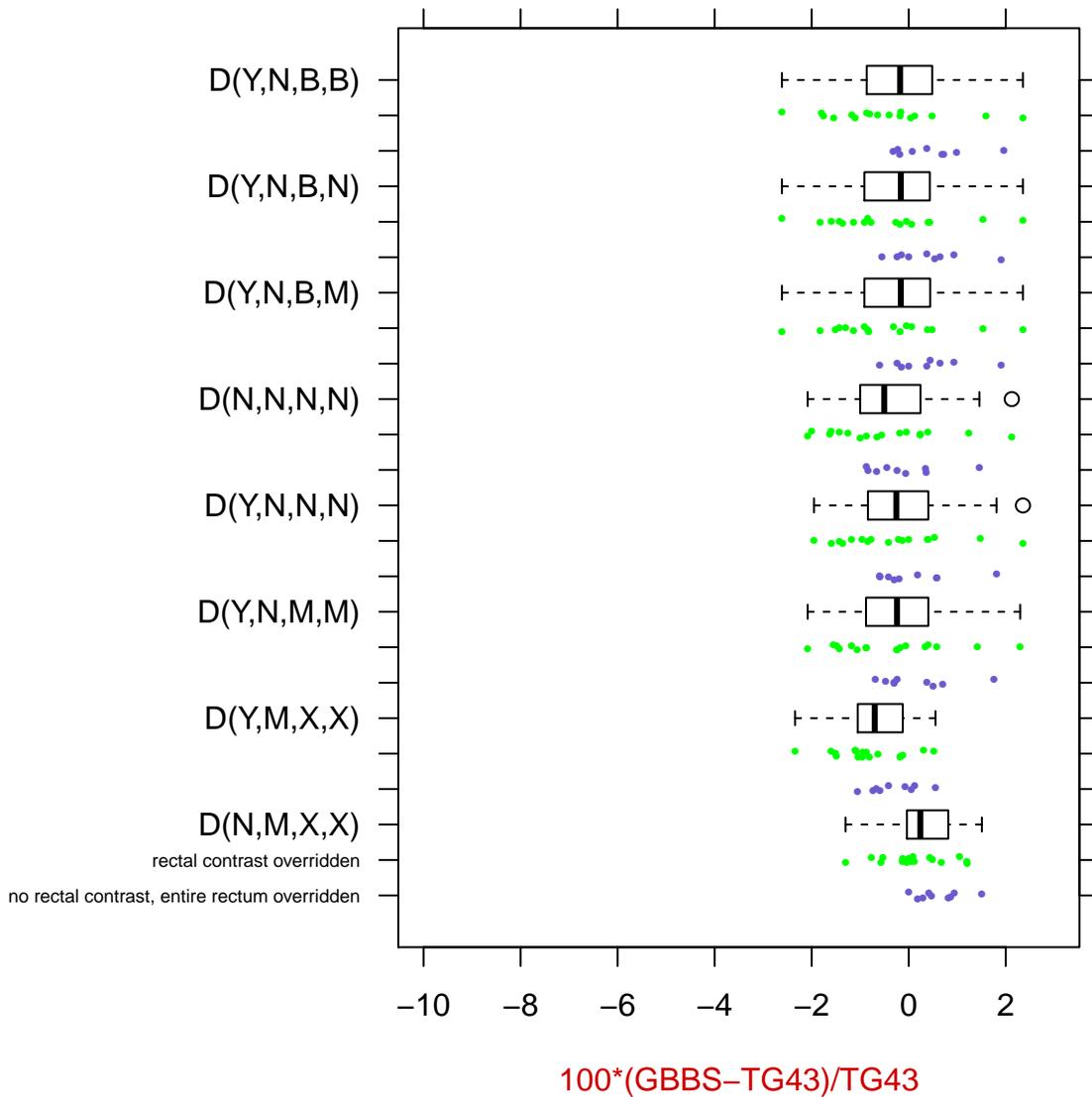
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B left



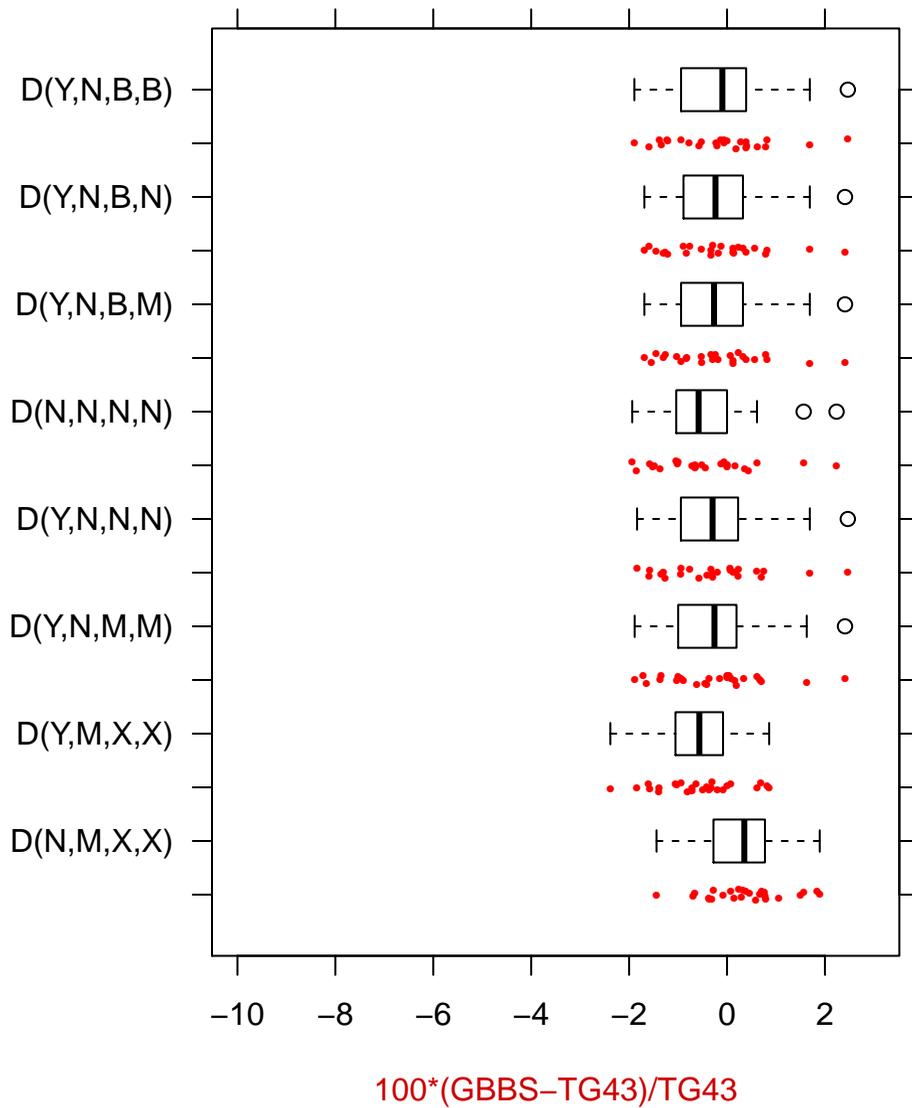
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B left



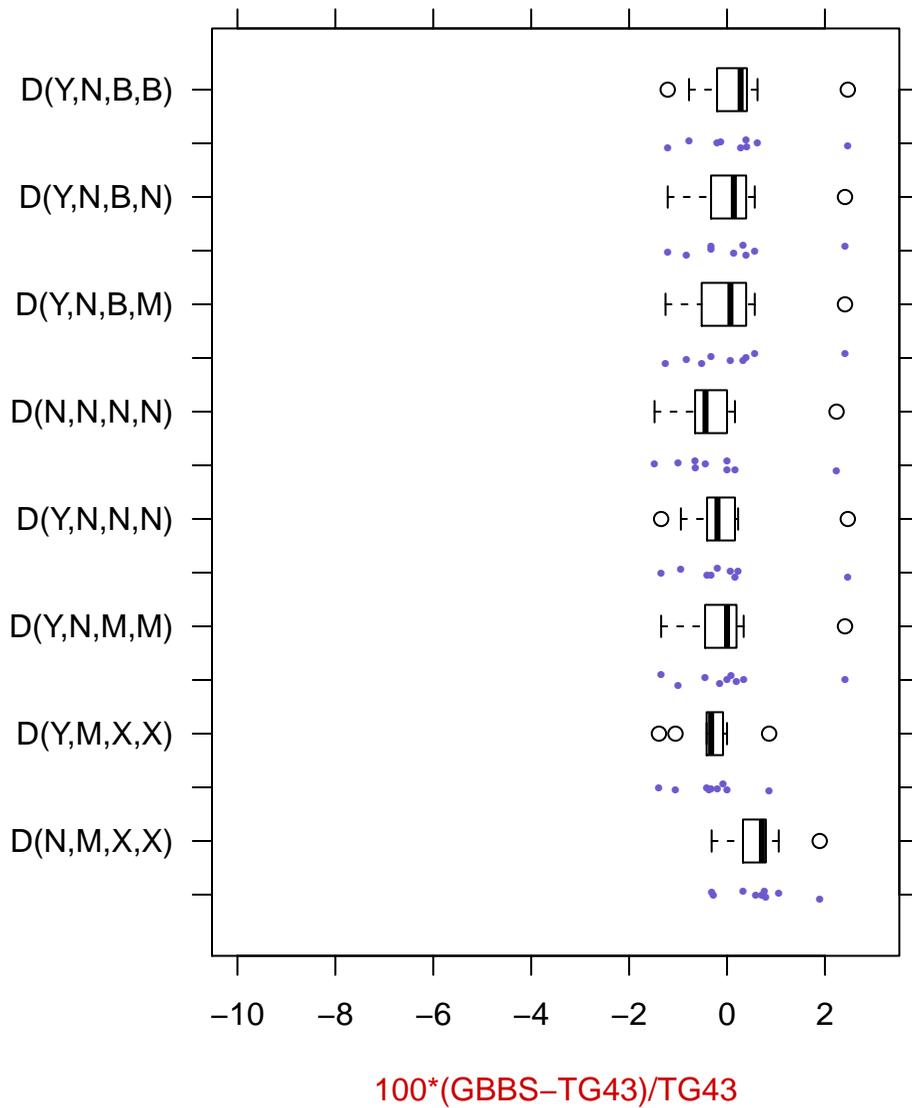
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B right



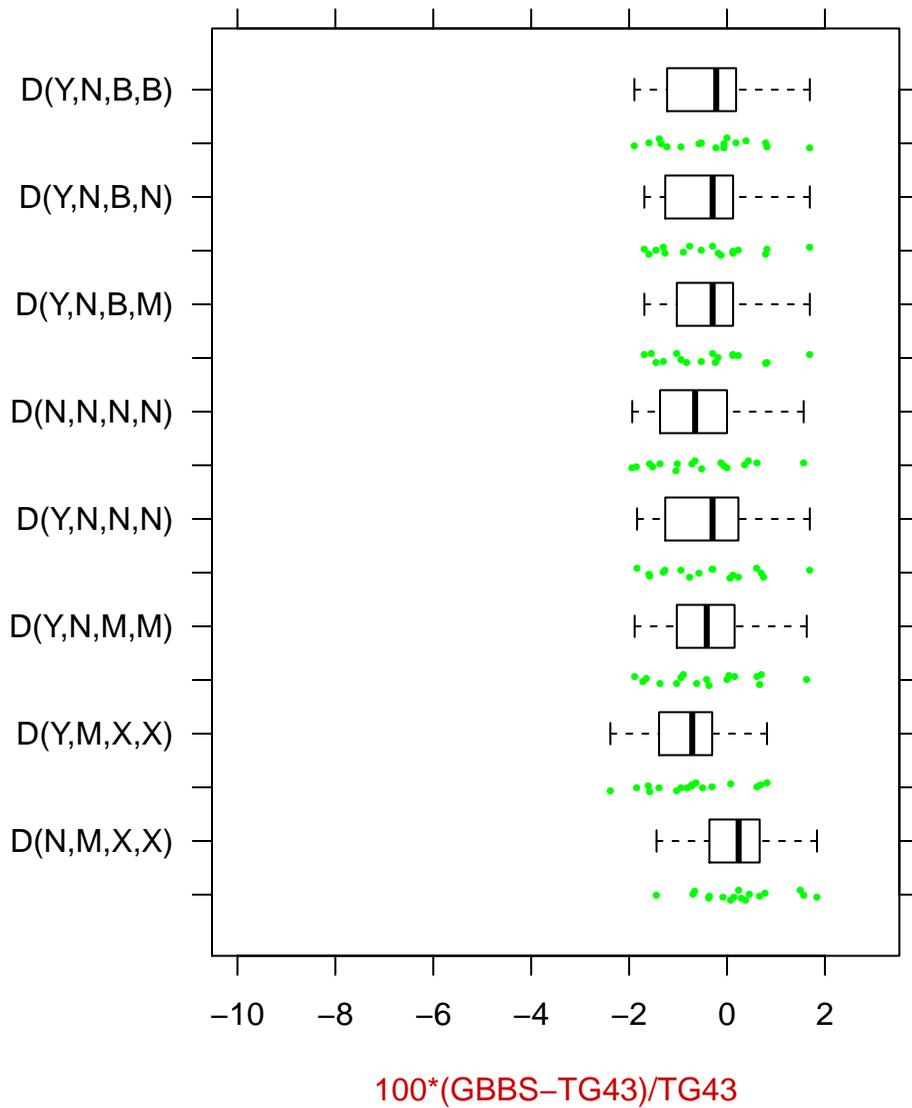
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B right



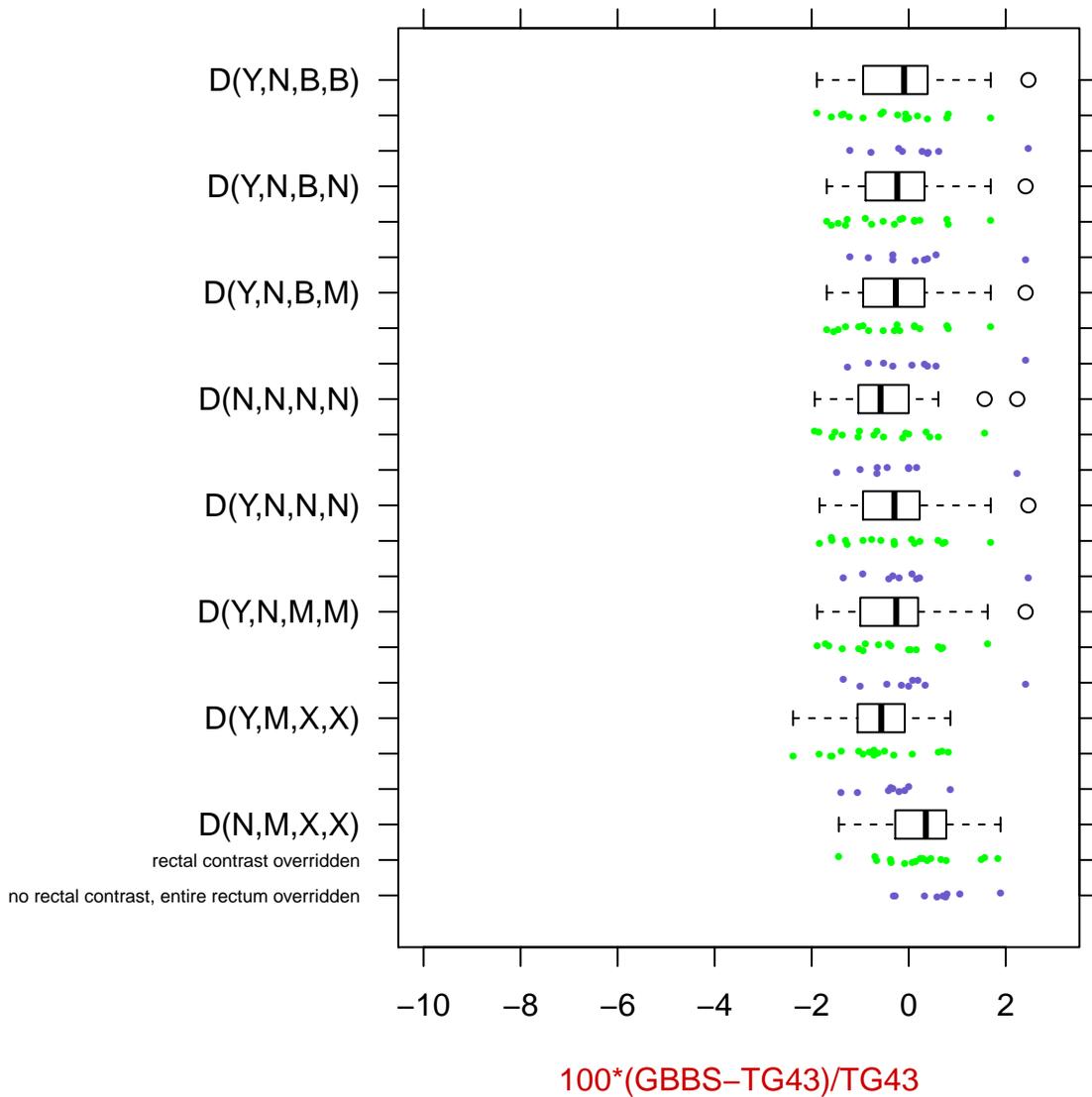
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B right



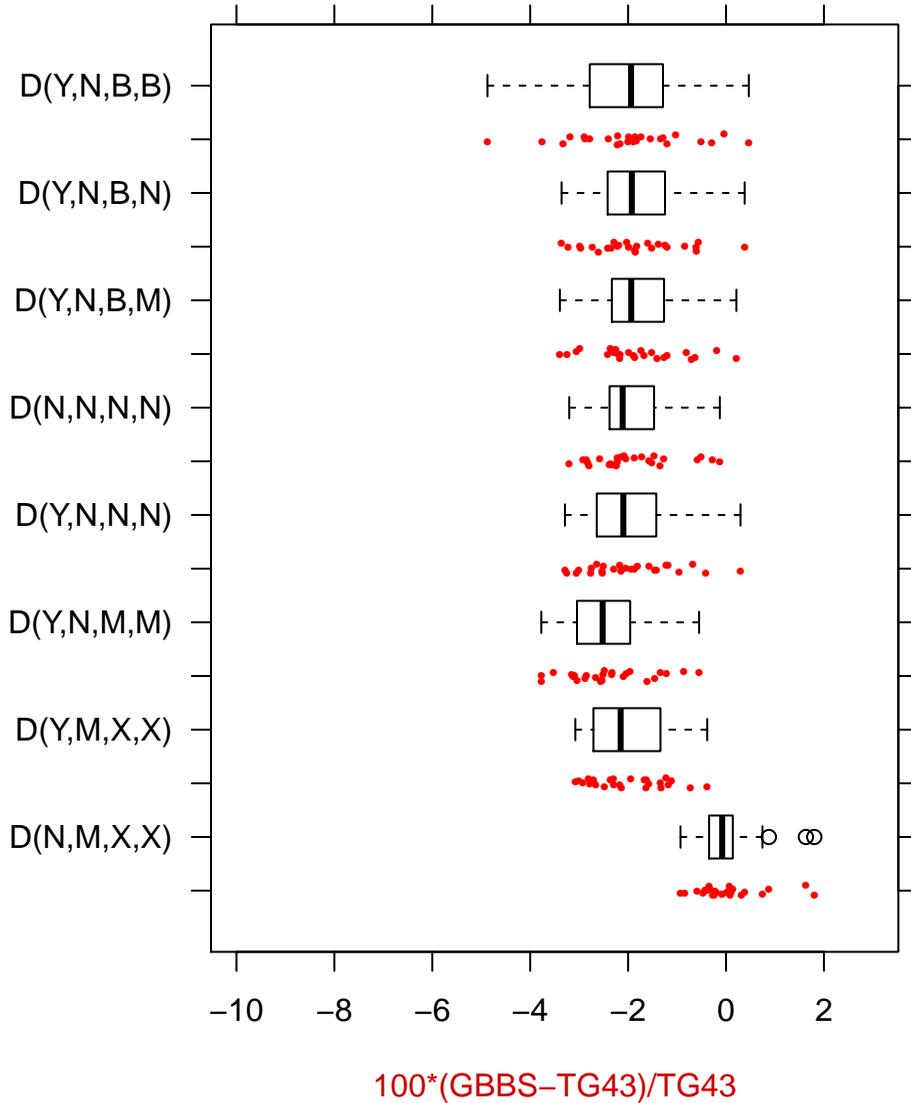
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

B right



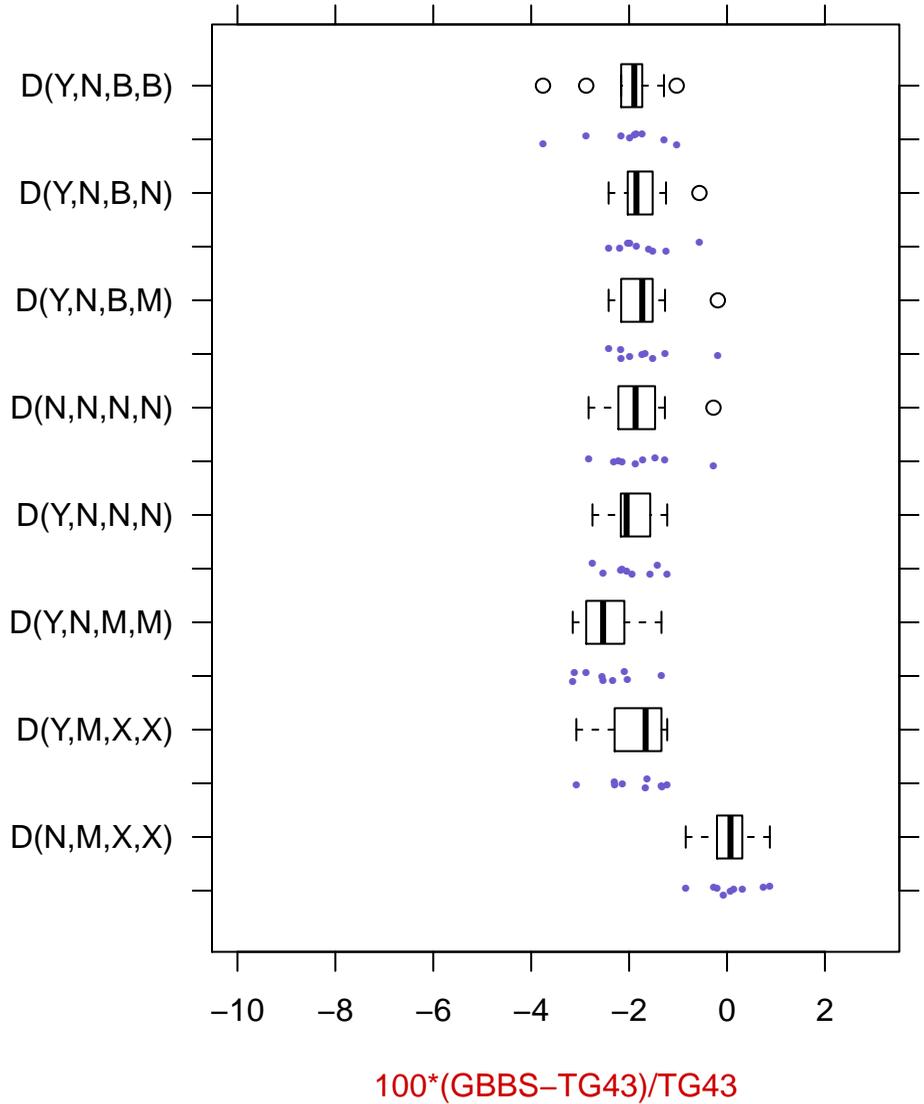
ICRU bladder

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



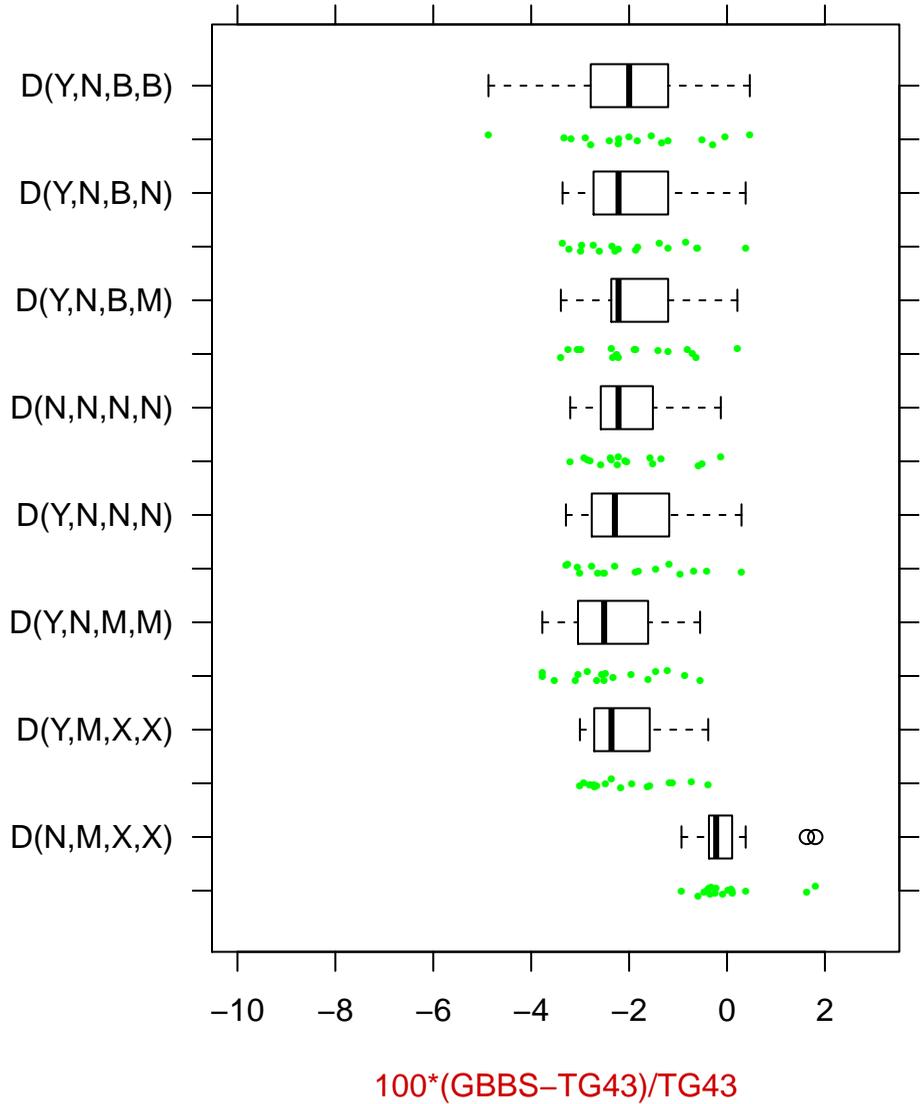
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

ICRU bladder



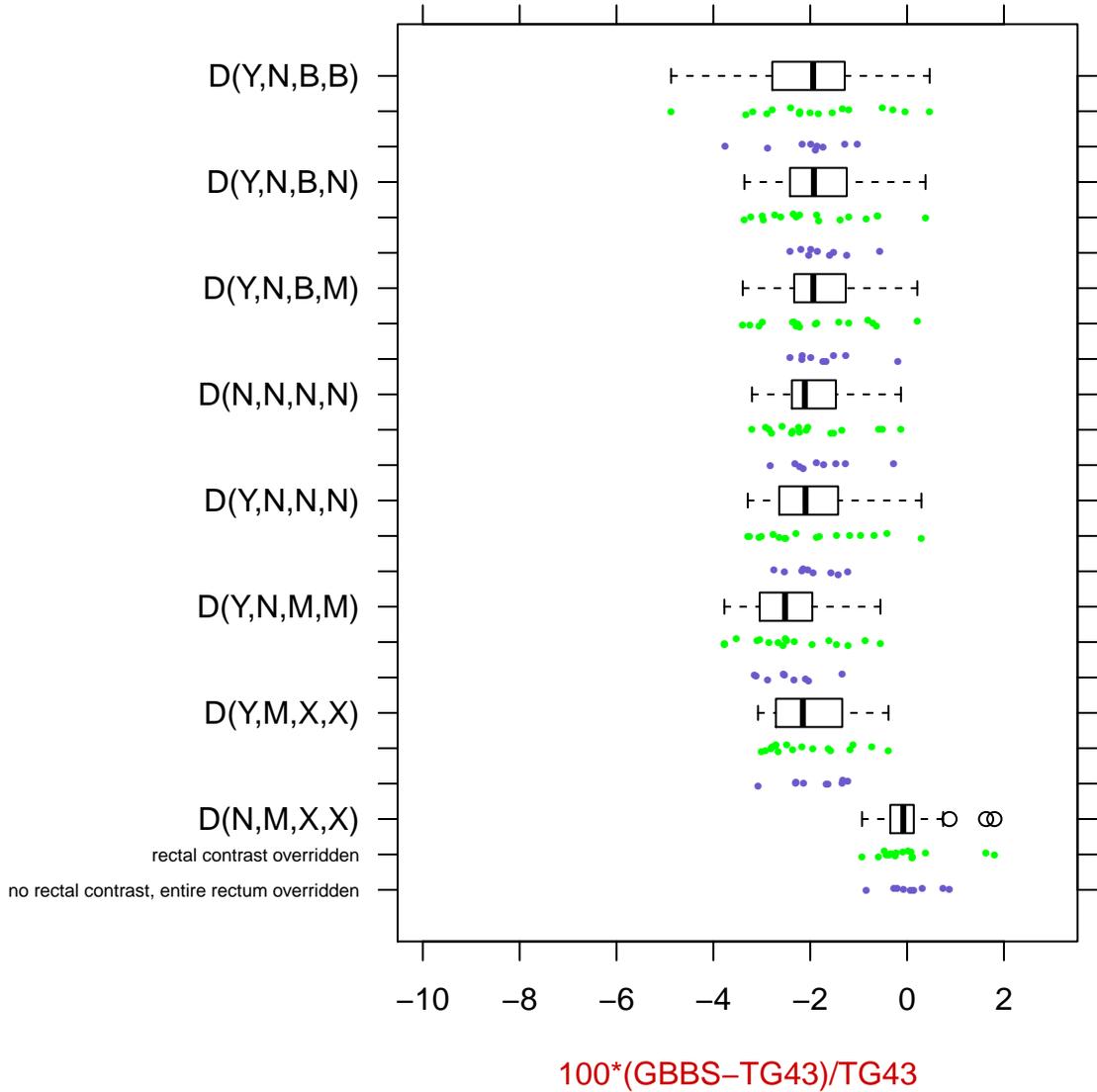
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

ICRU bladder



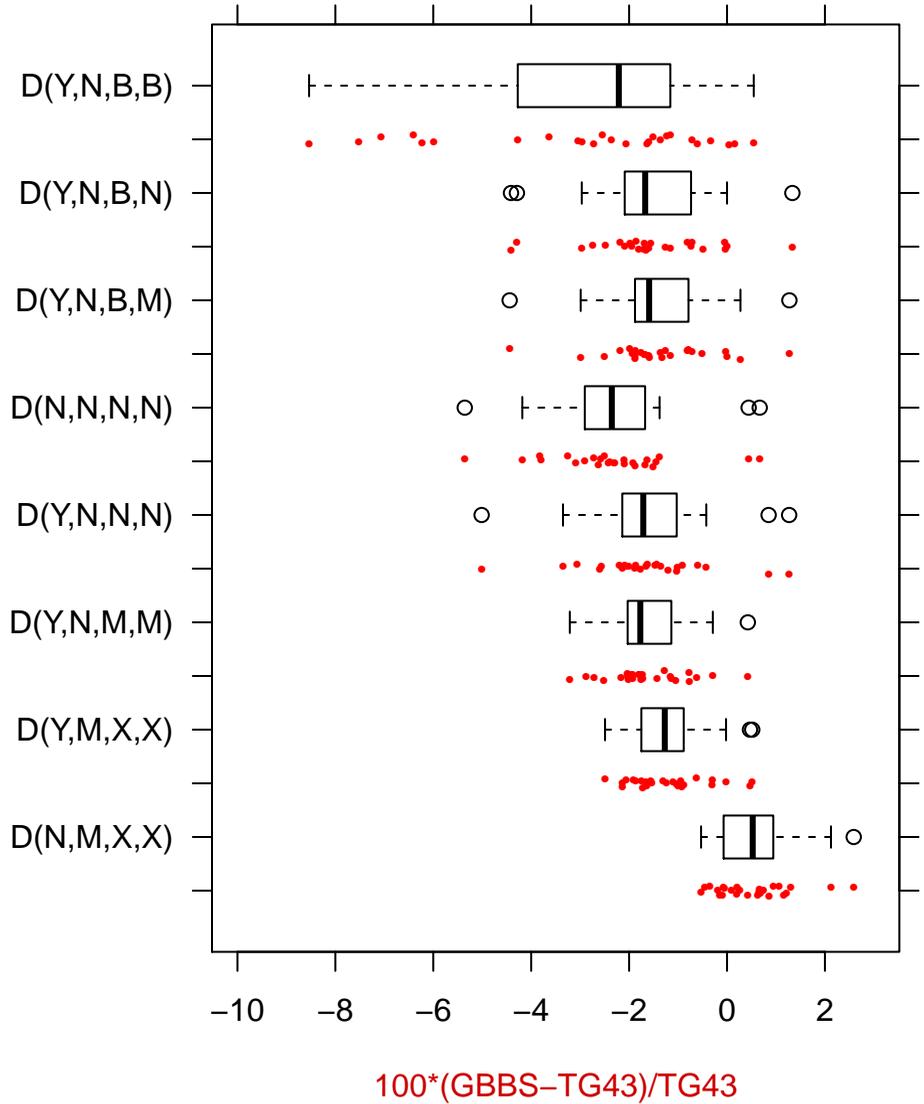
ICRU bladder

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



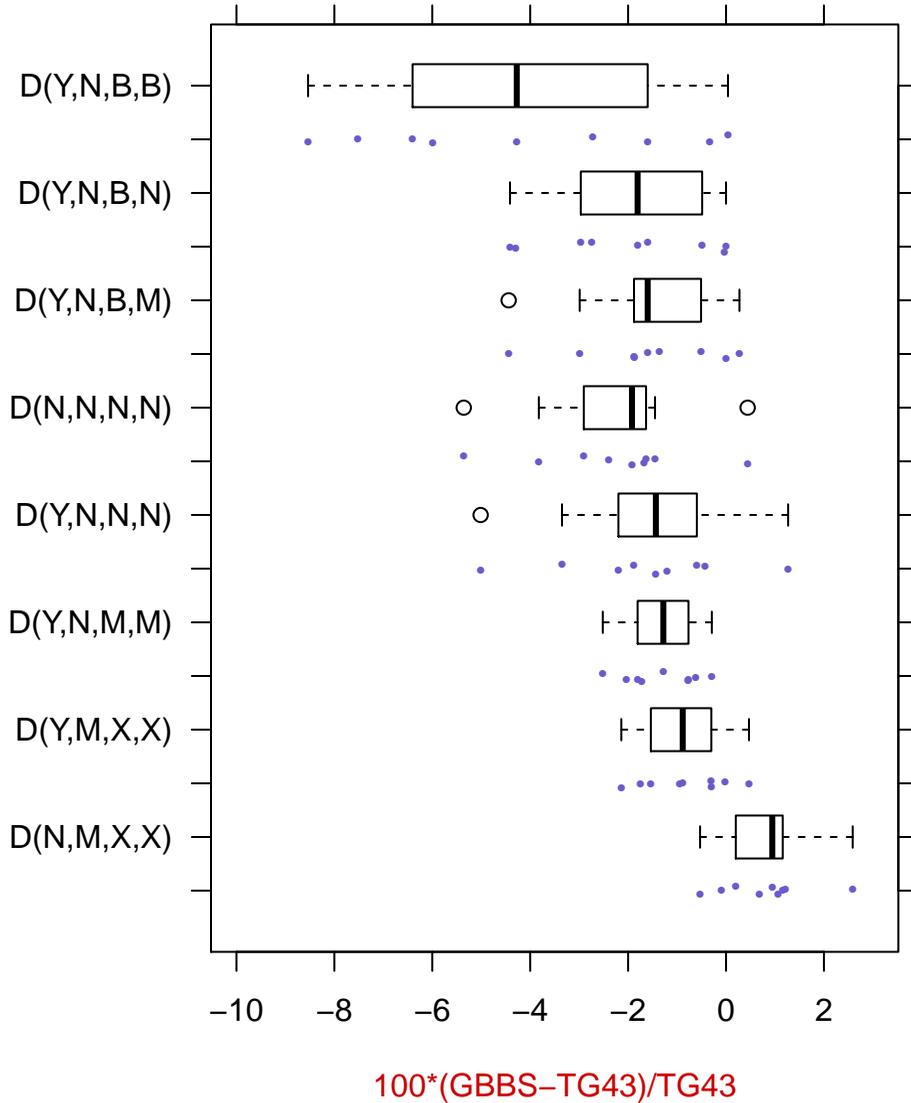
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

ICRU rectum



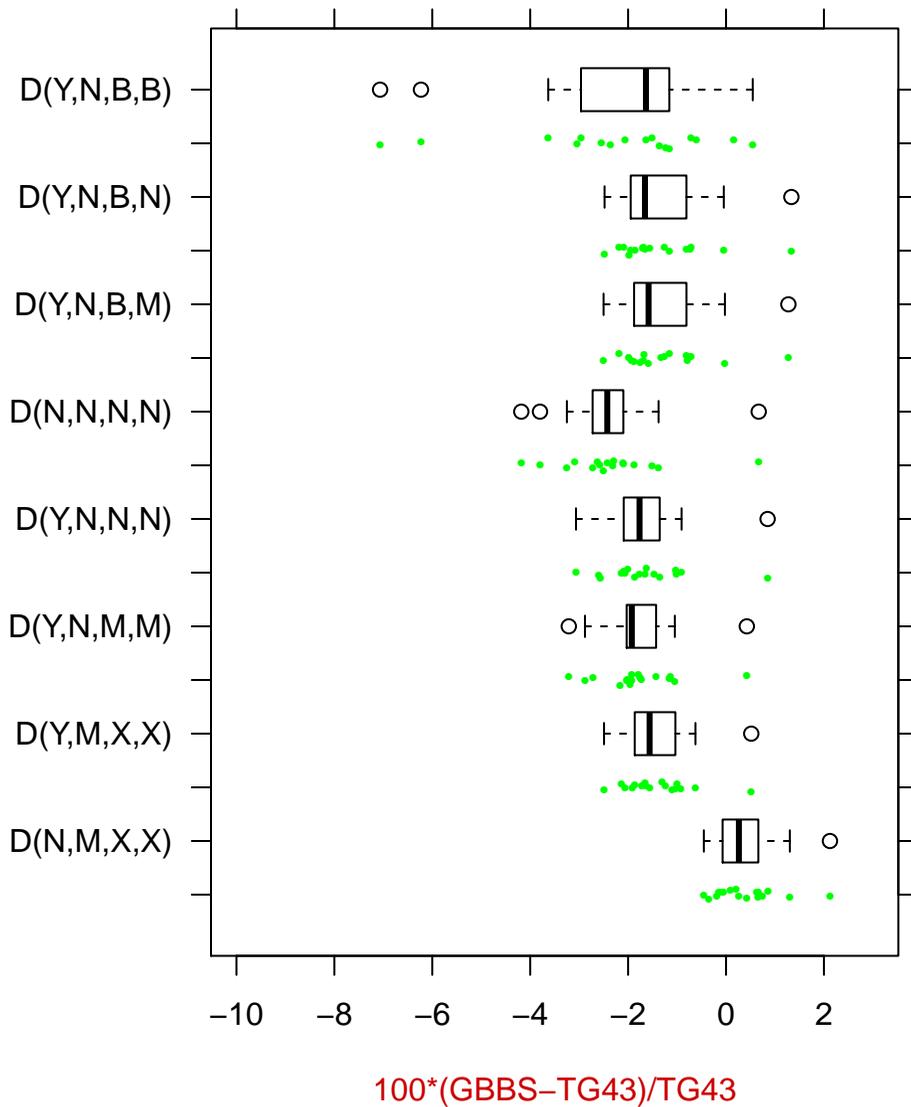
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

ICRU rectum



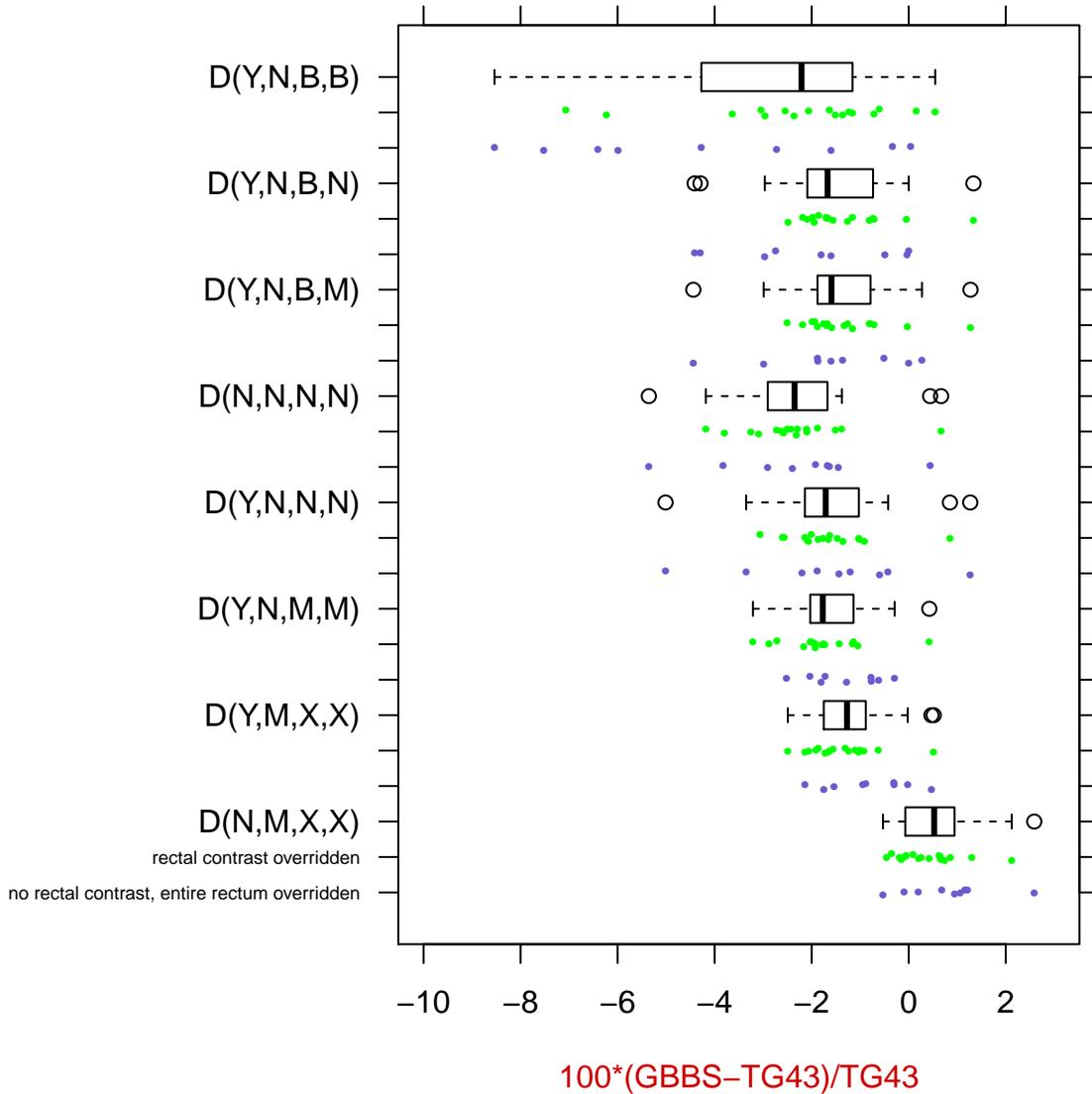
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

ICRU rectum



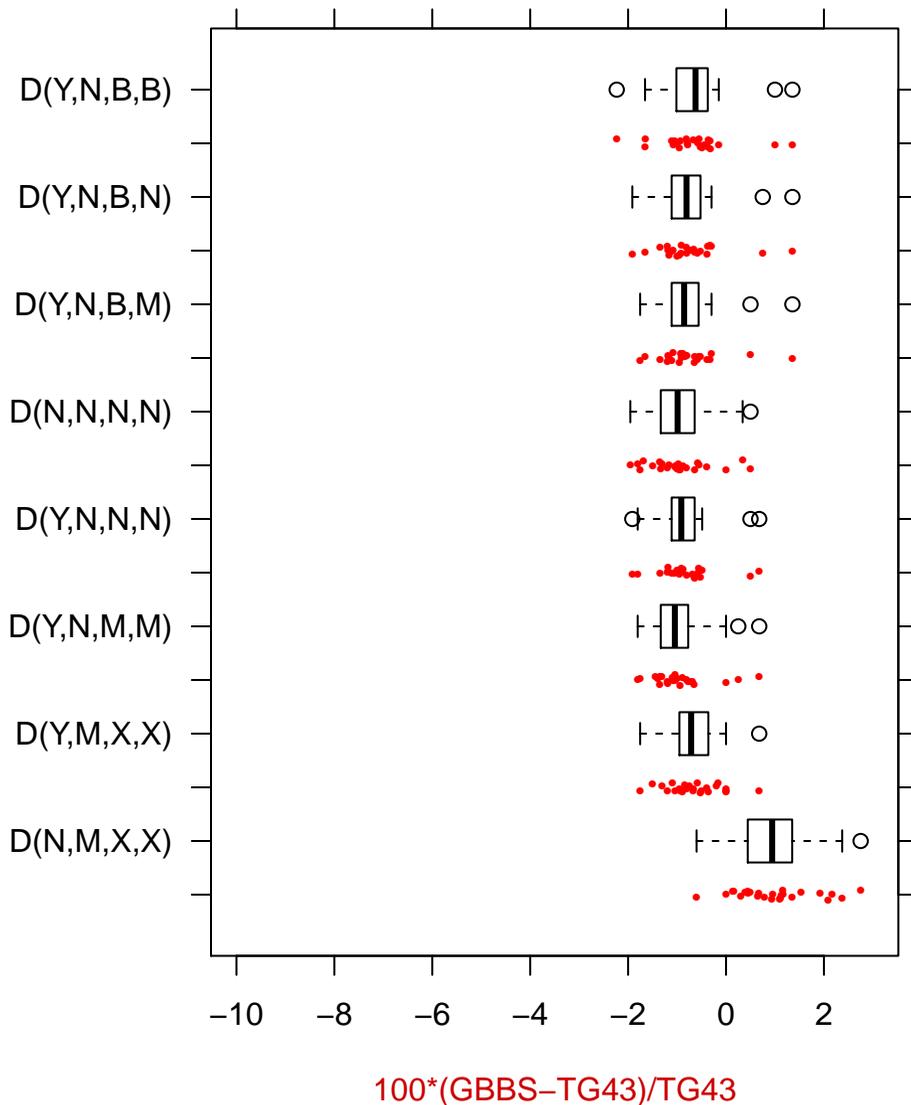
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

ICRU rectum



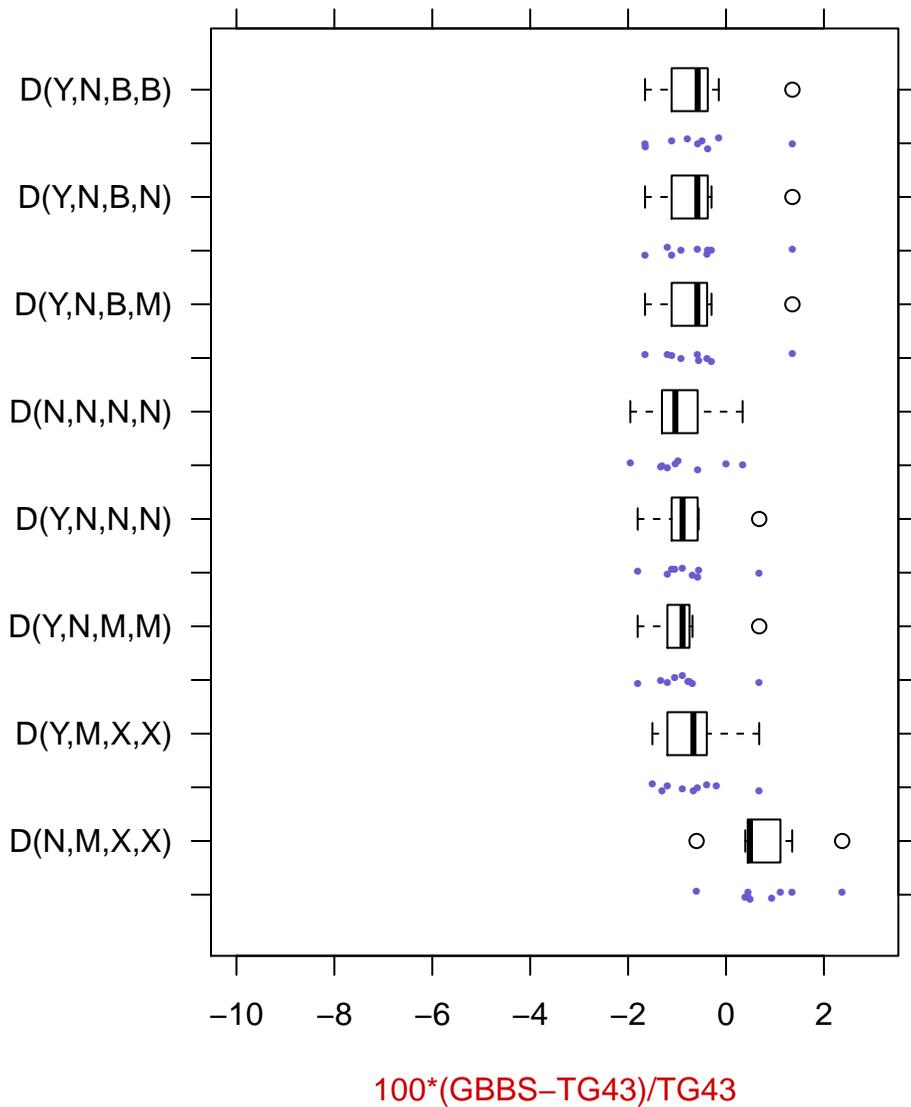
D2cc bladder

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



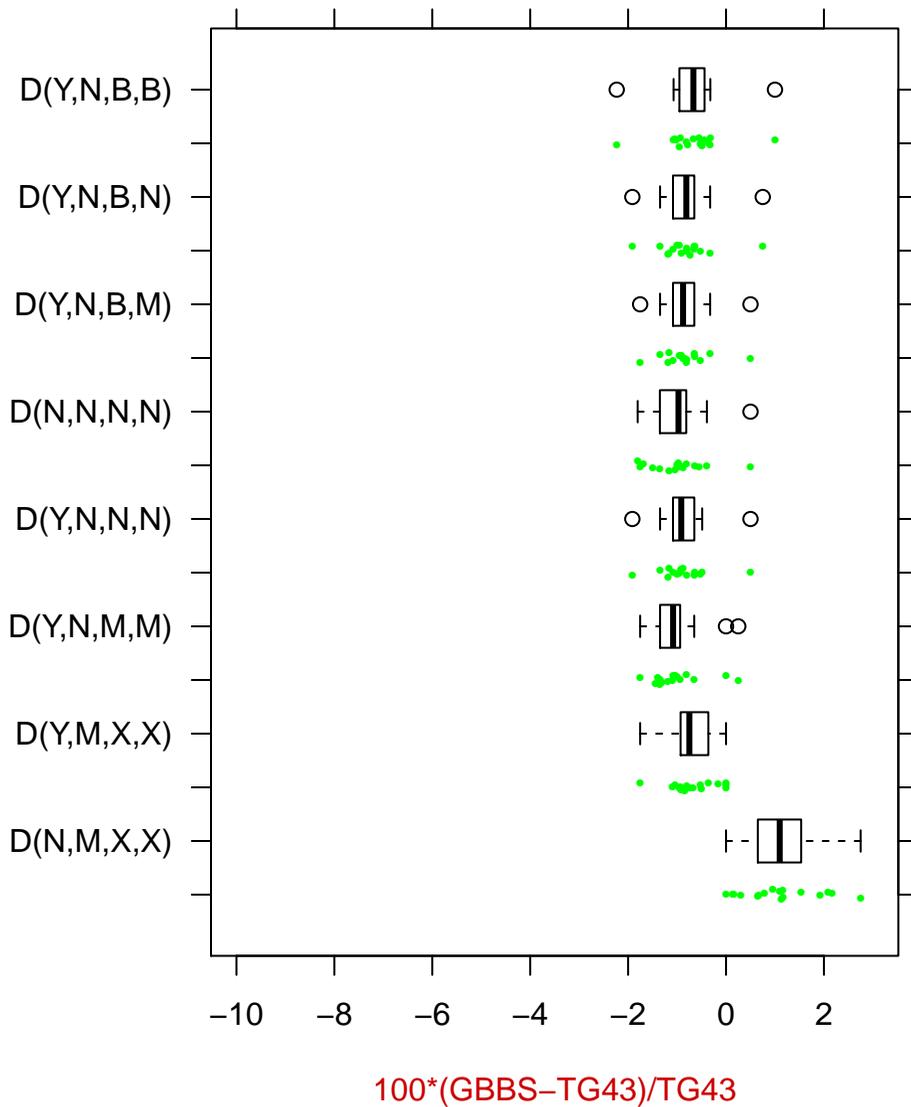
D2cc bladder

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



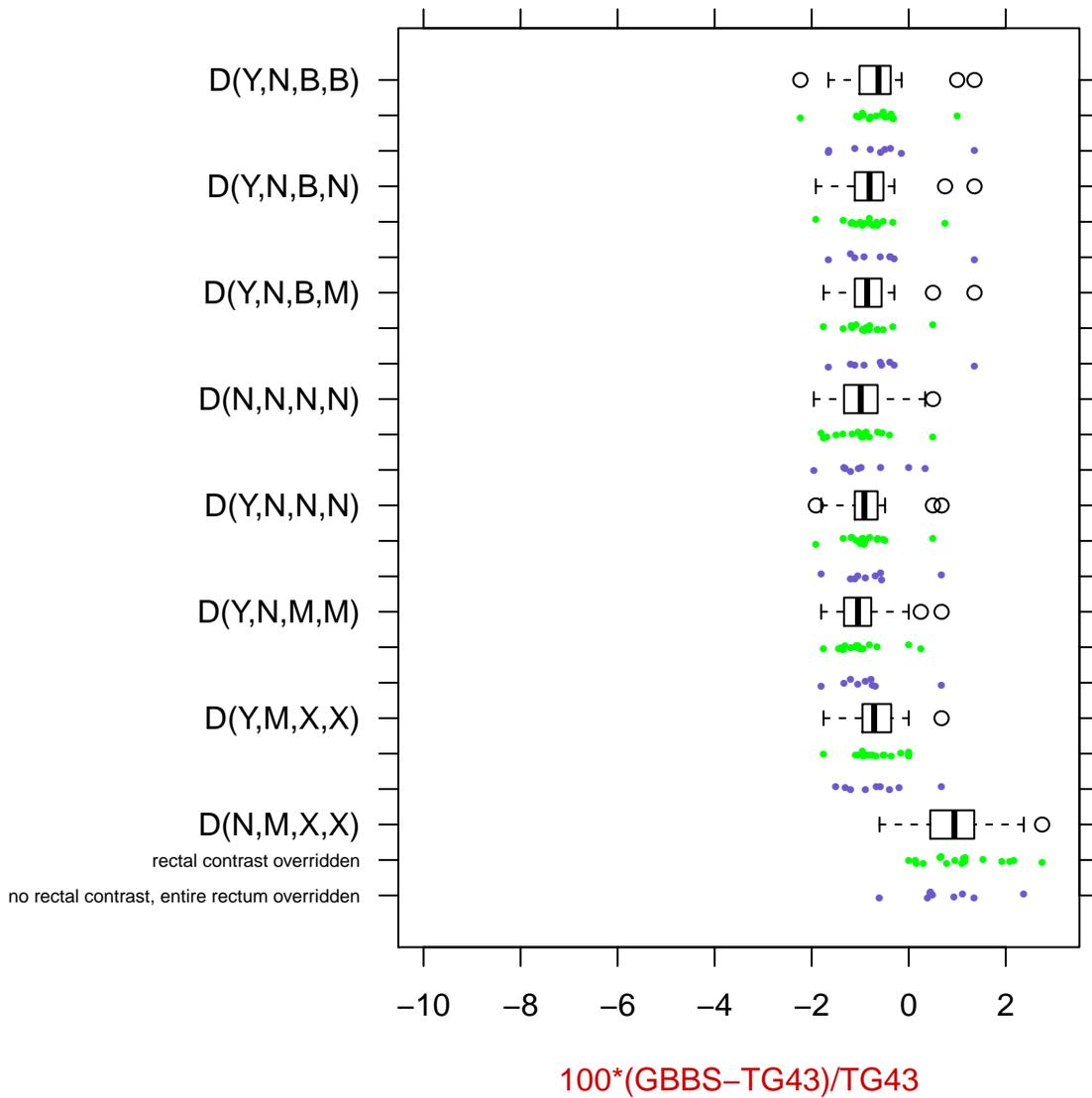
D2cc bladder

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



D2cc bladder

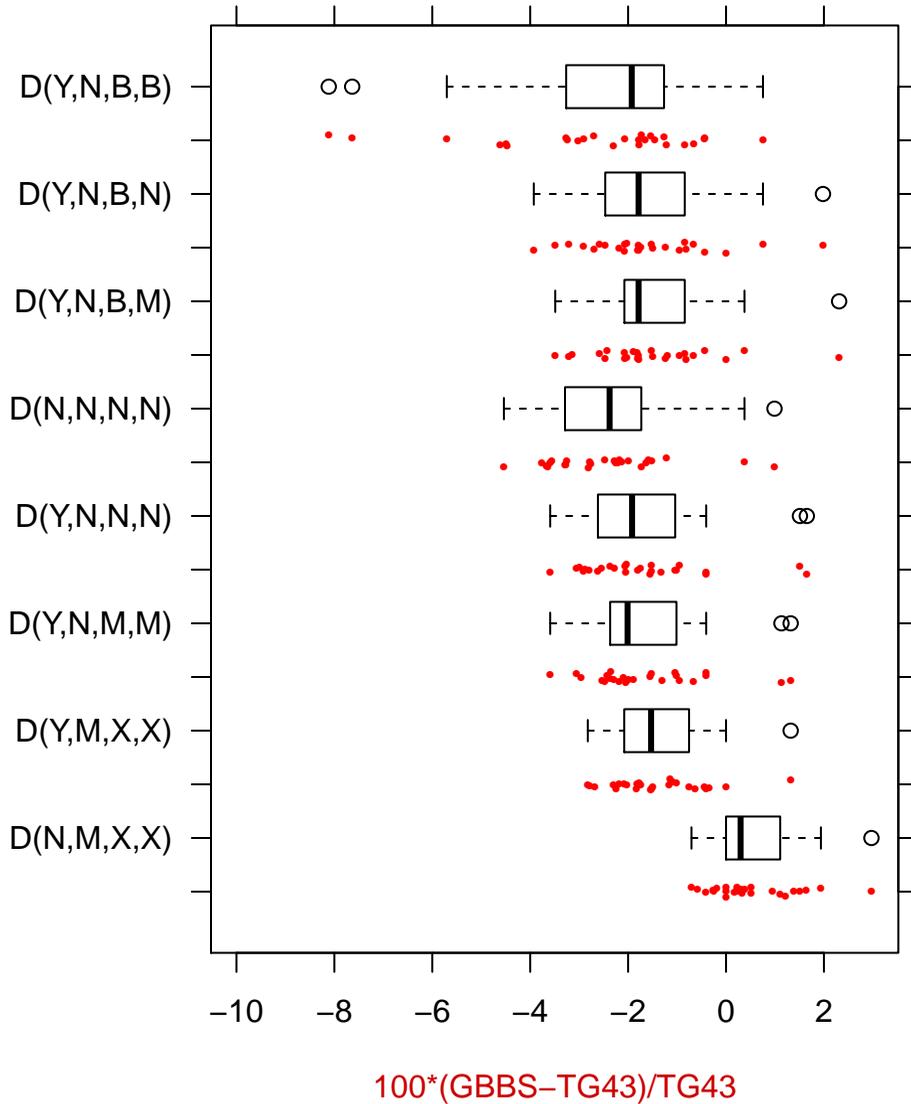
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



100*(GBBS-TG43)/TG43

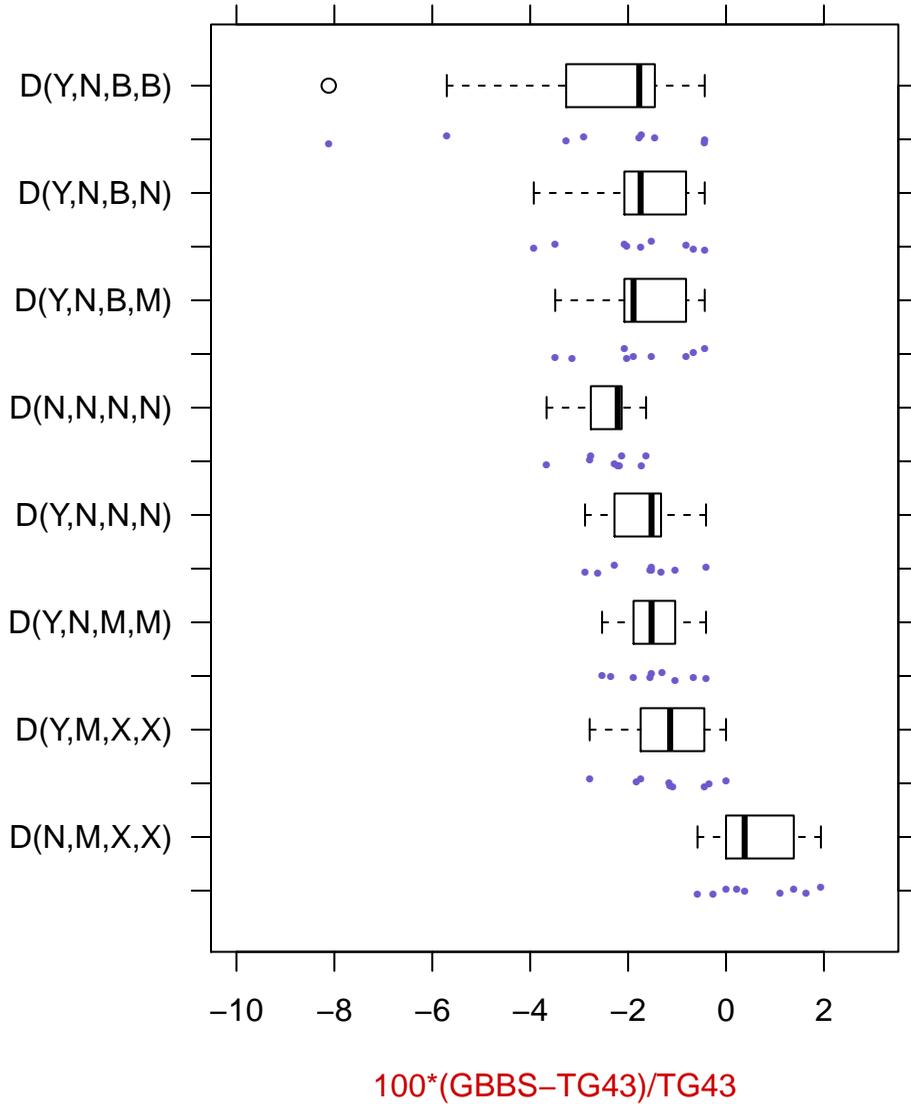
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

D2cc rectum



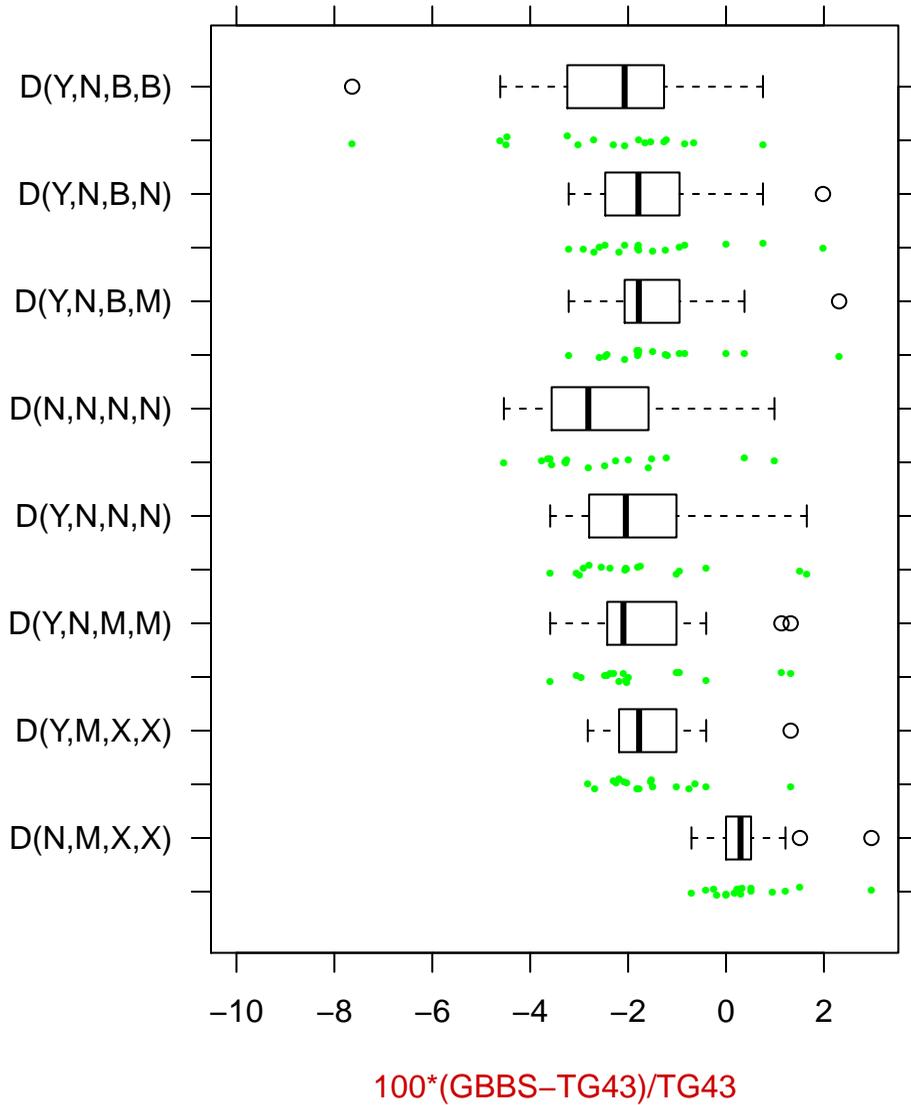
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

D2cc rectum



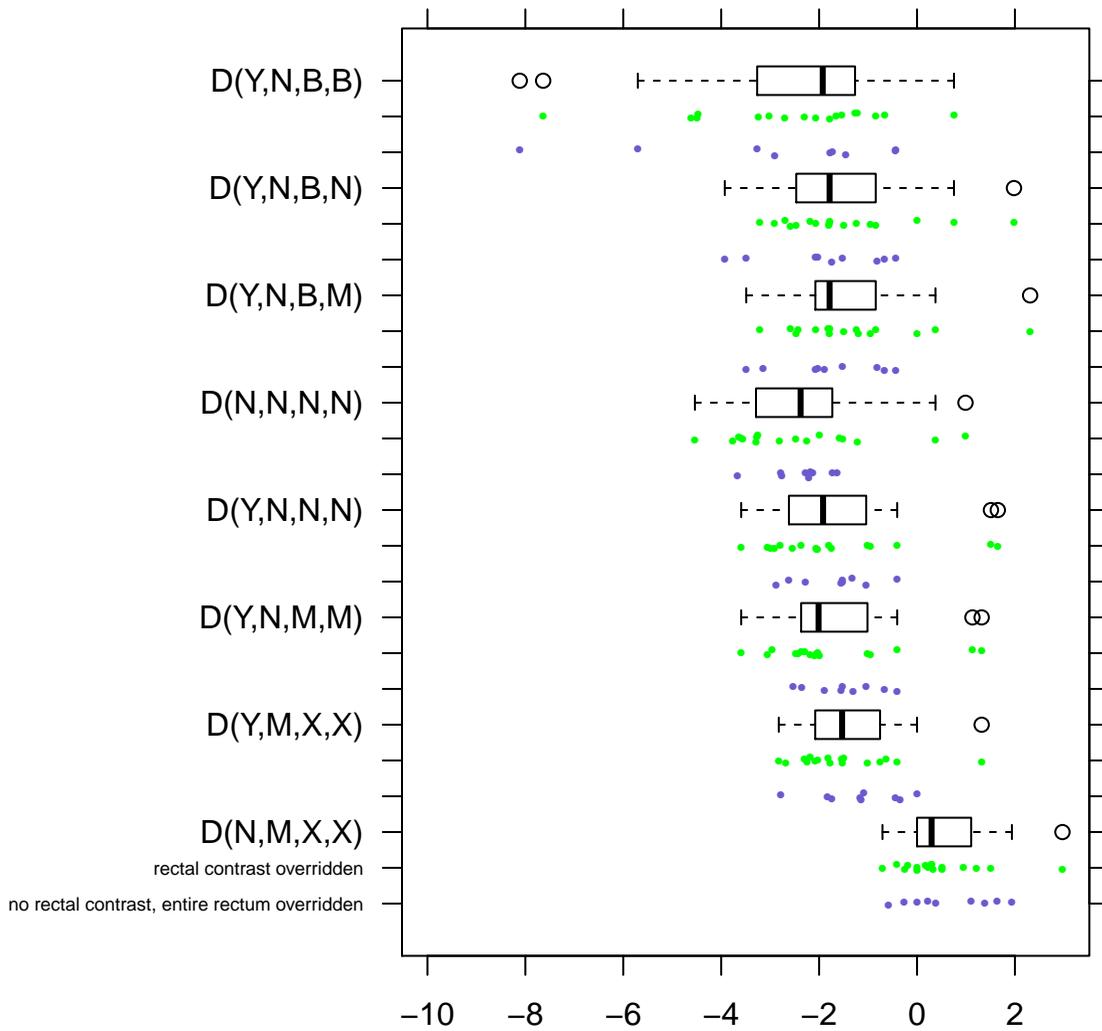
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

D2cc rectum



GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

D2cc rectum



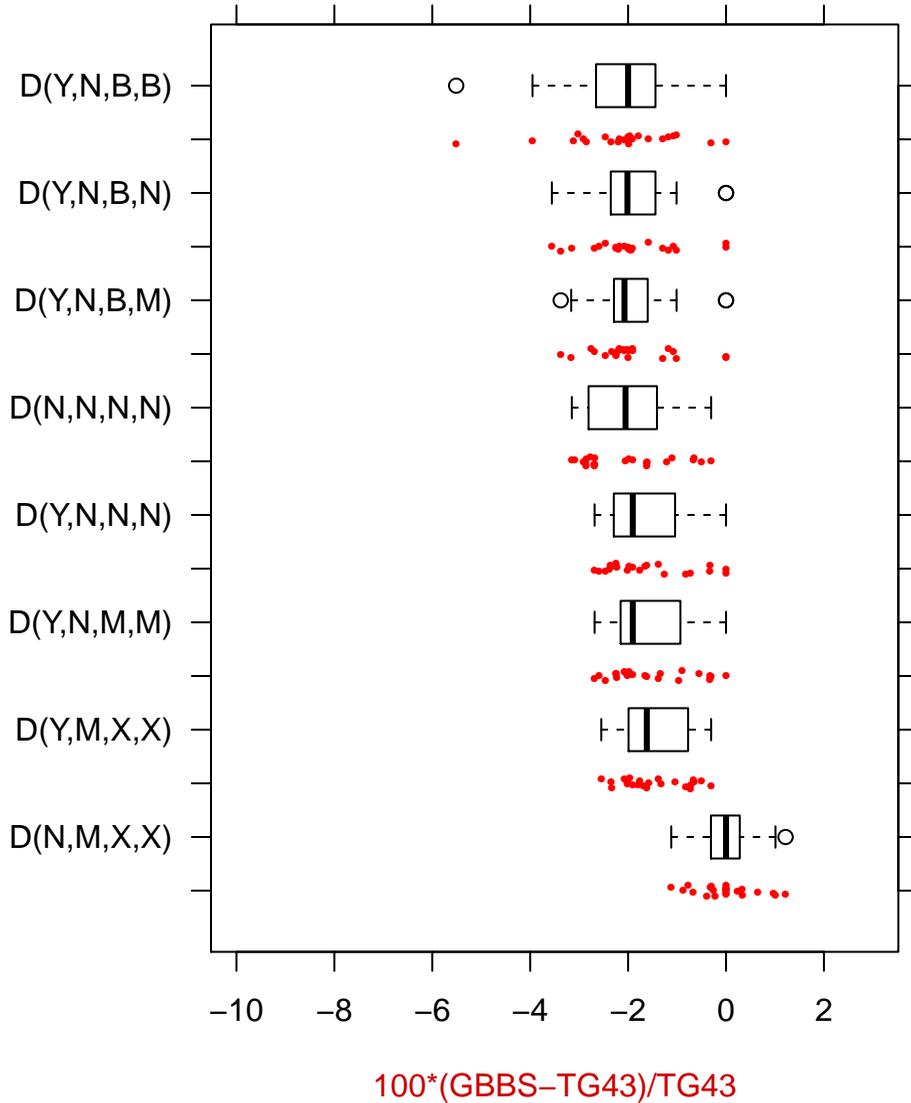
rectal contrast overridden

no rectal contrast, entire rectum overridden

$100 \cdot (\text{GBBS} - \text{TG43}) / \text{TG43}$

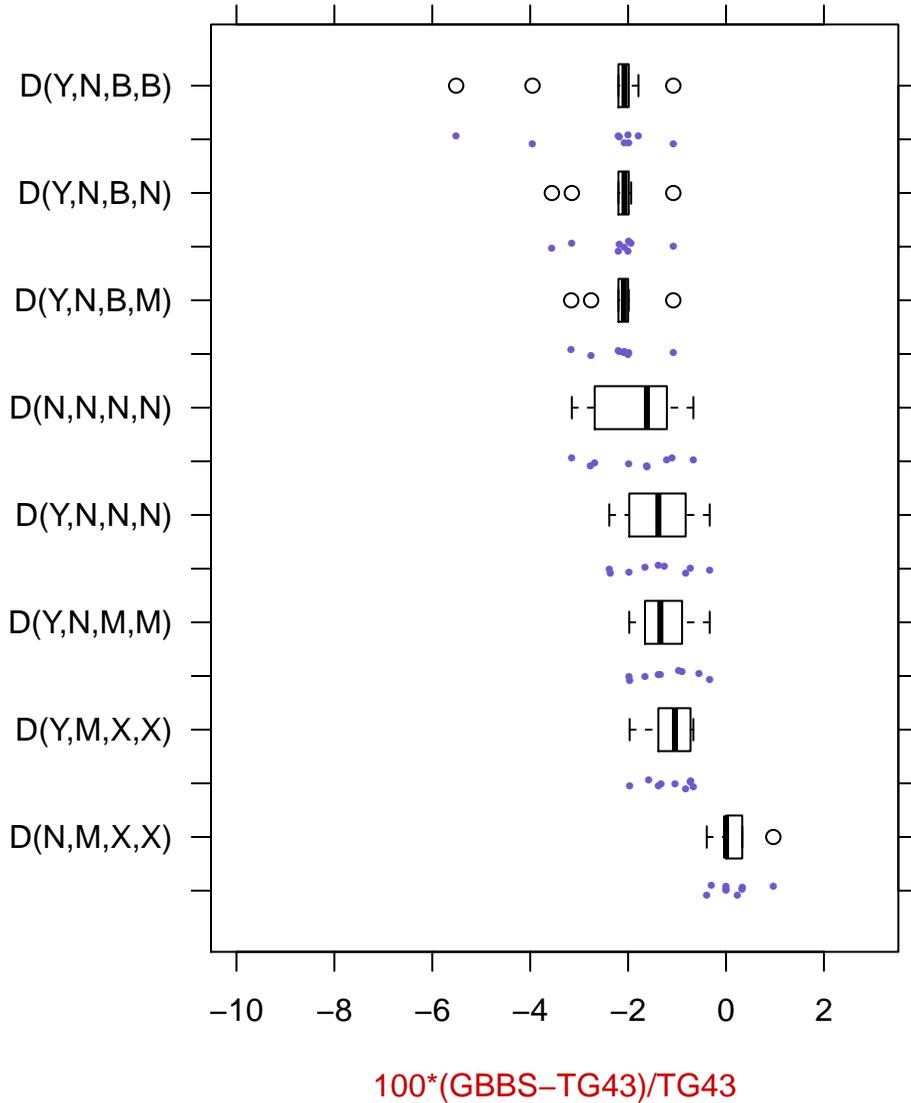
D2cc sigmoid

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



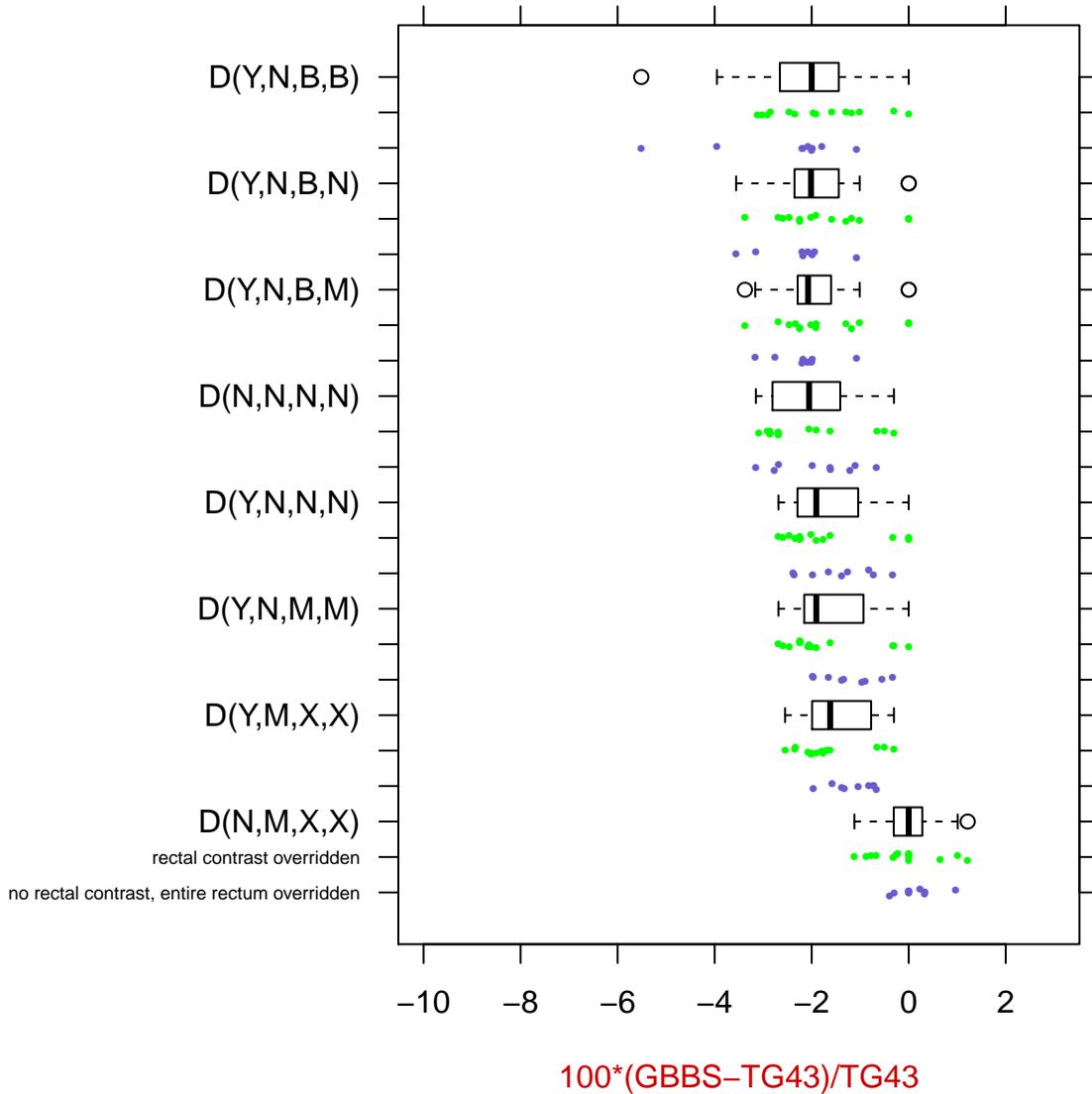
D2cc sigmoid

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



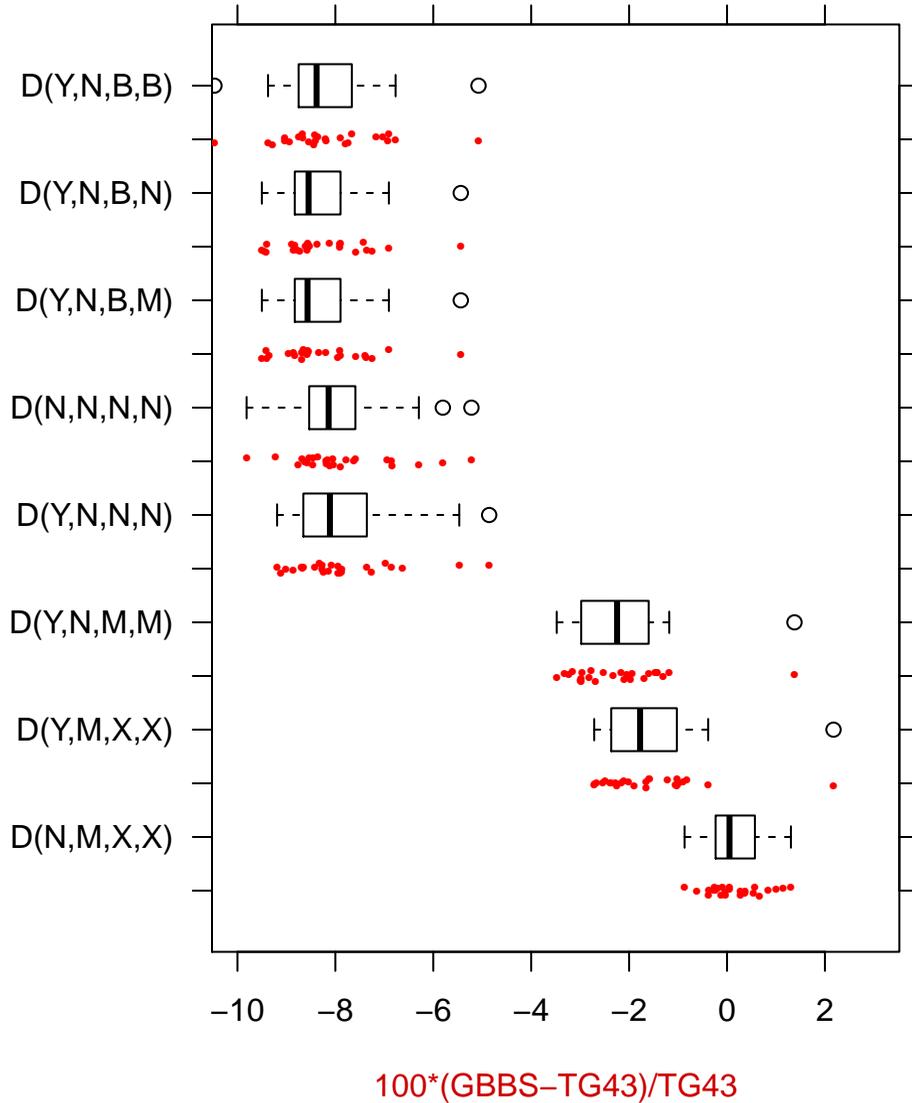
D2cc sigmoid

GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)



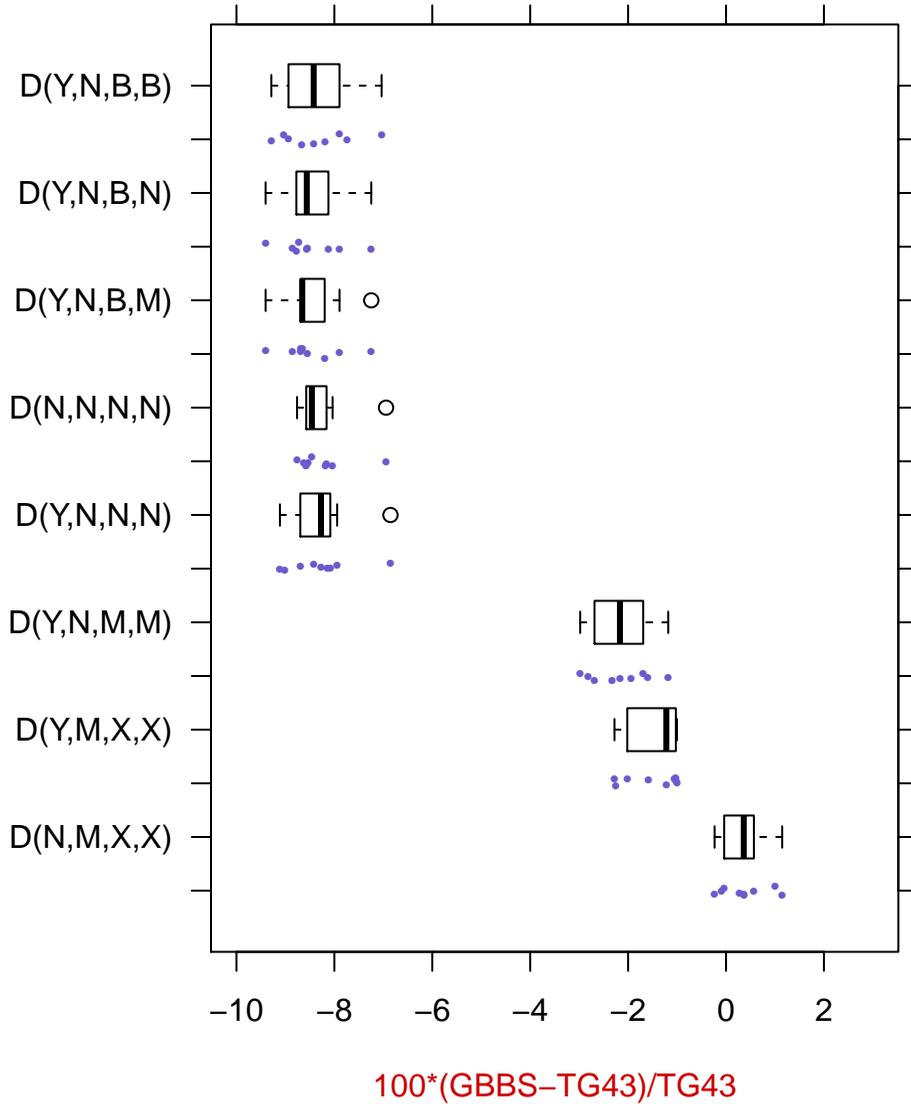
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

balloon center



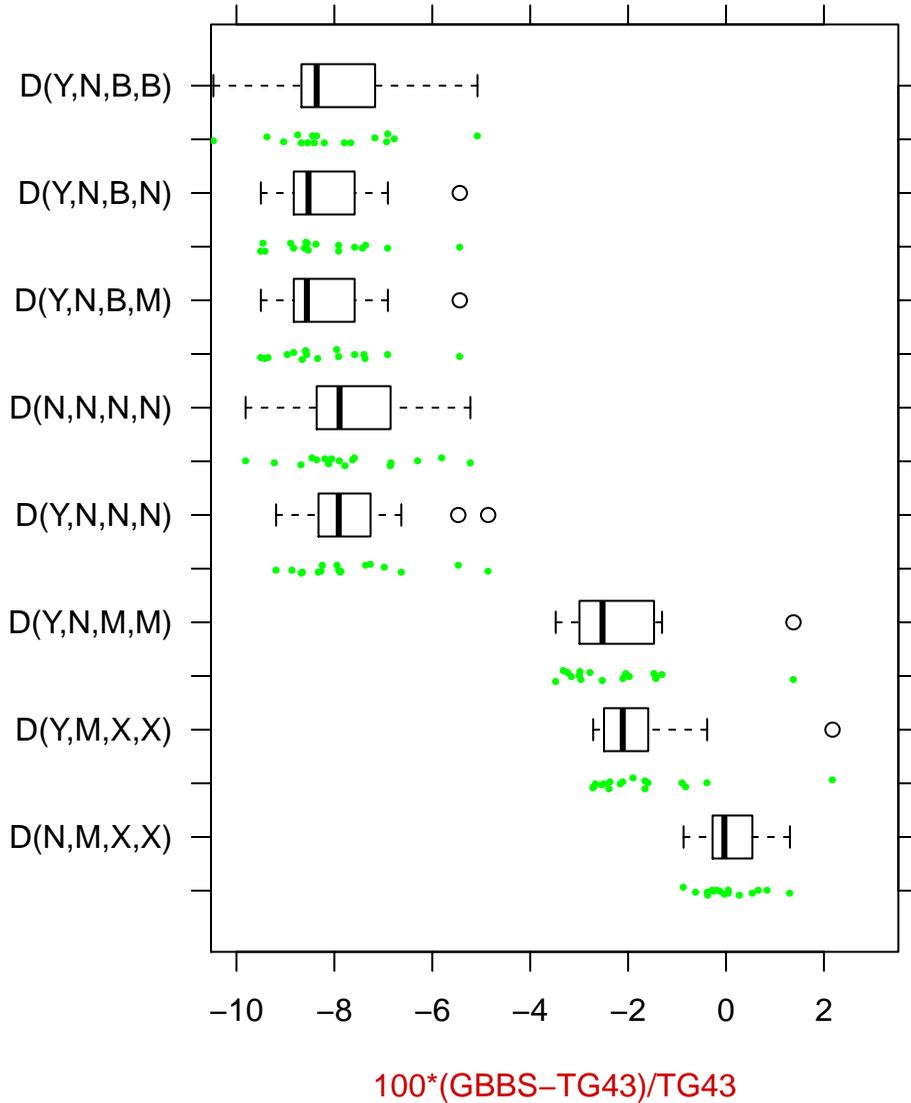
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

balloon center



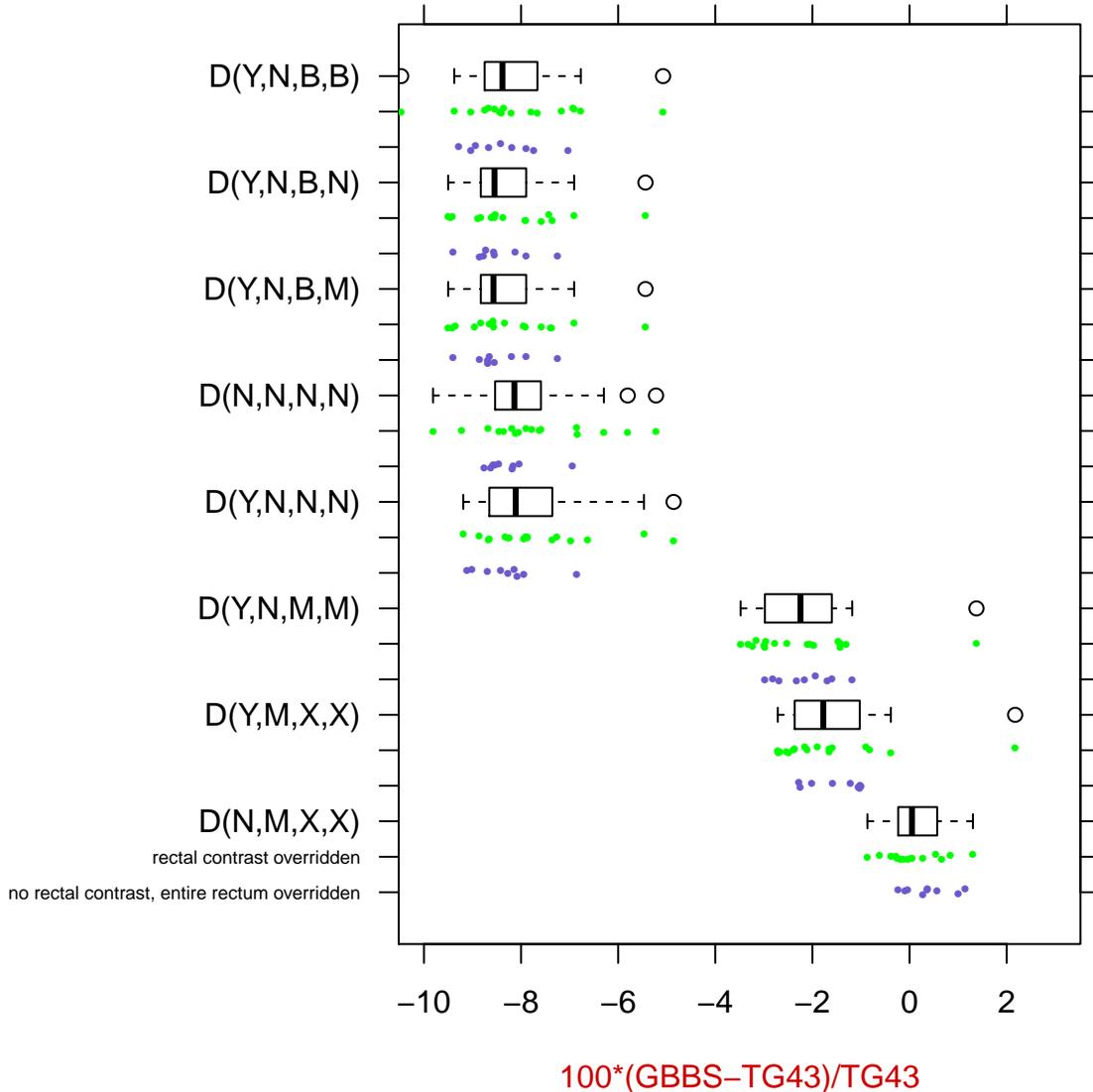
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

balloon center



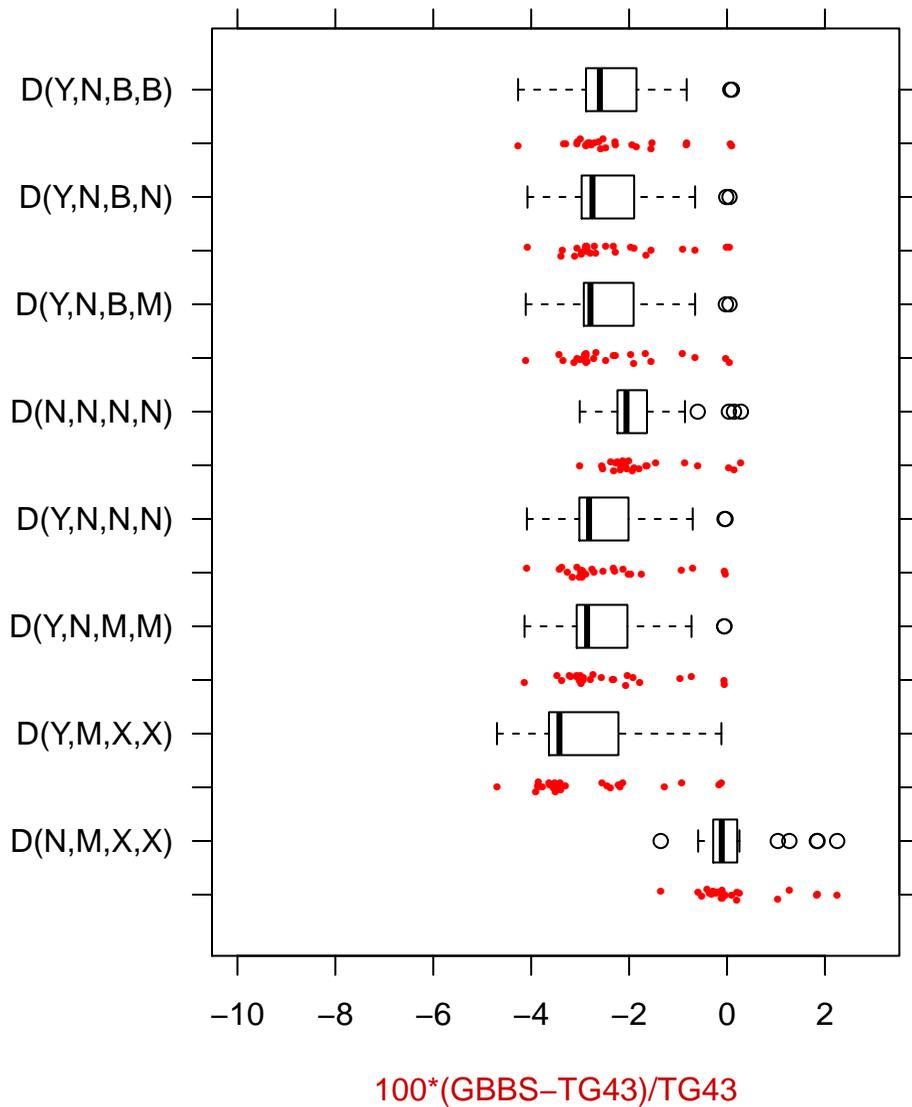
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

balloon center



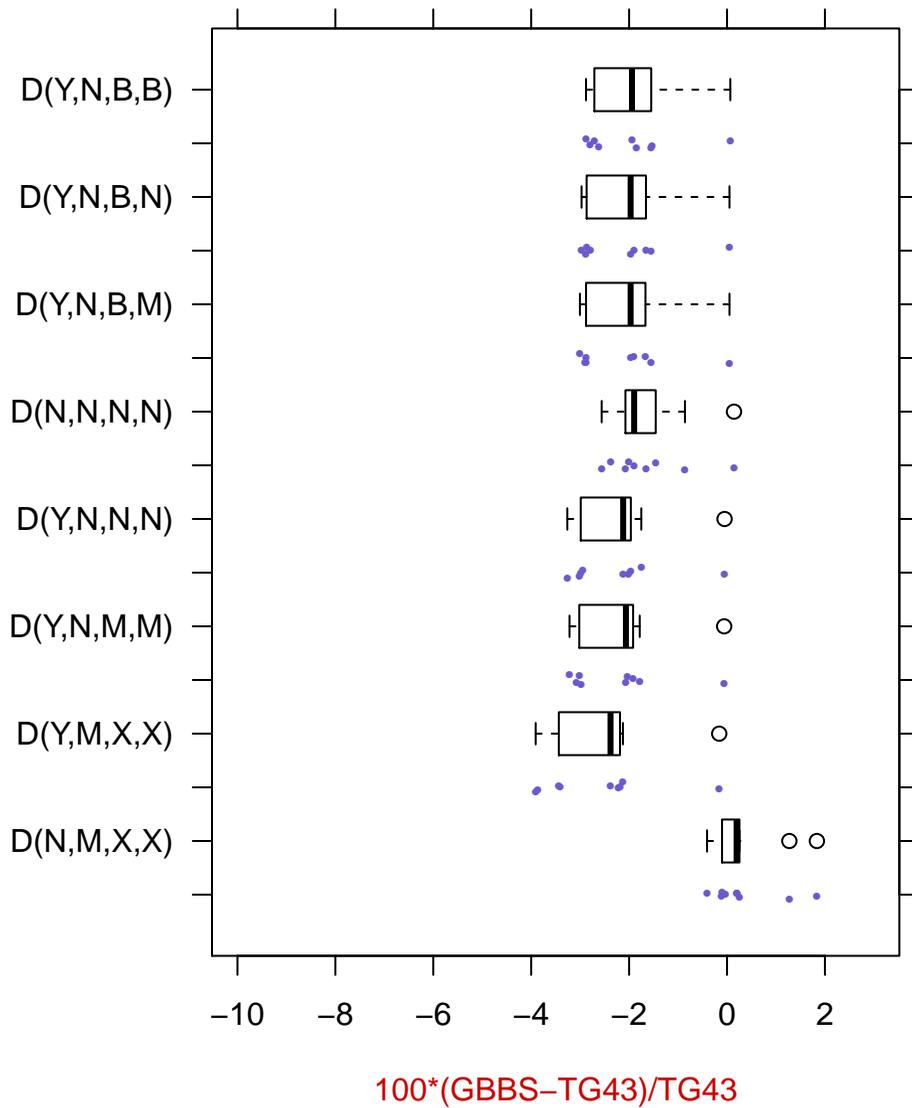
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

3 o'clock



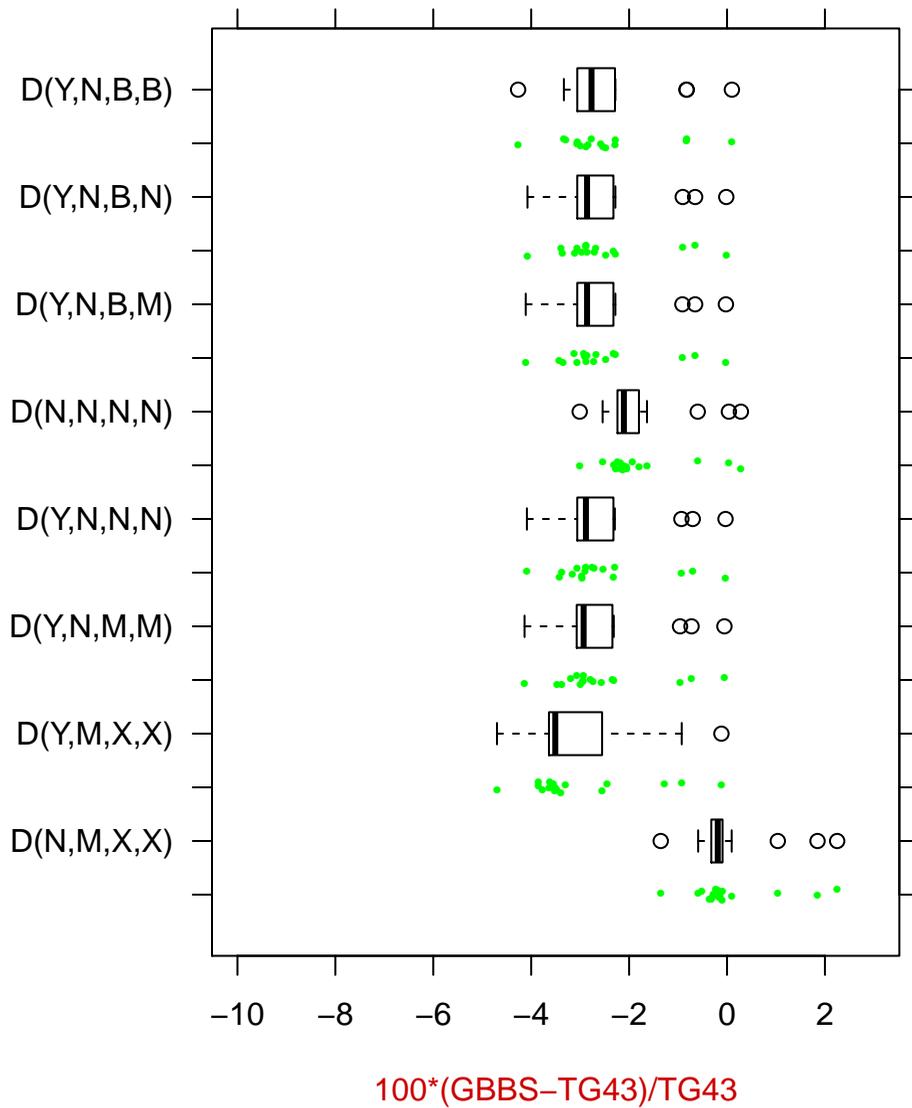
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

3 o'clock



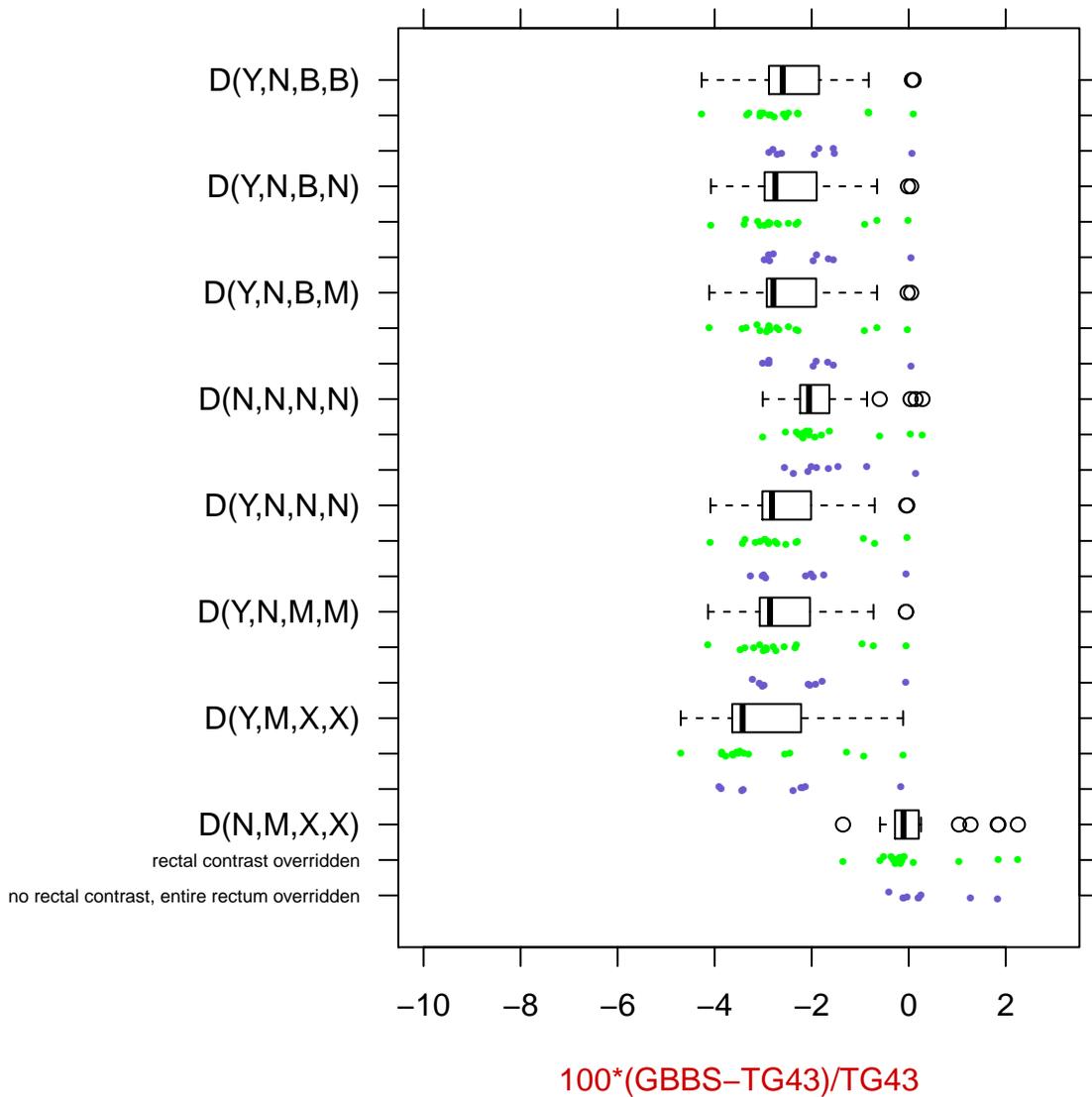
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

3 oclock



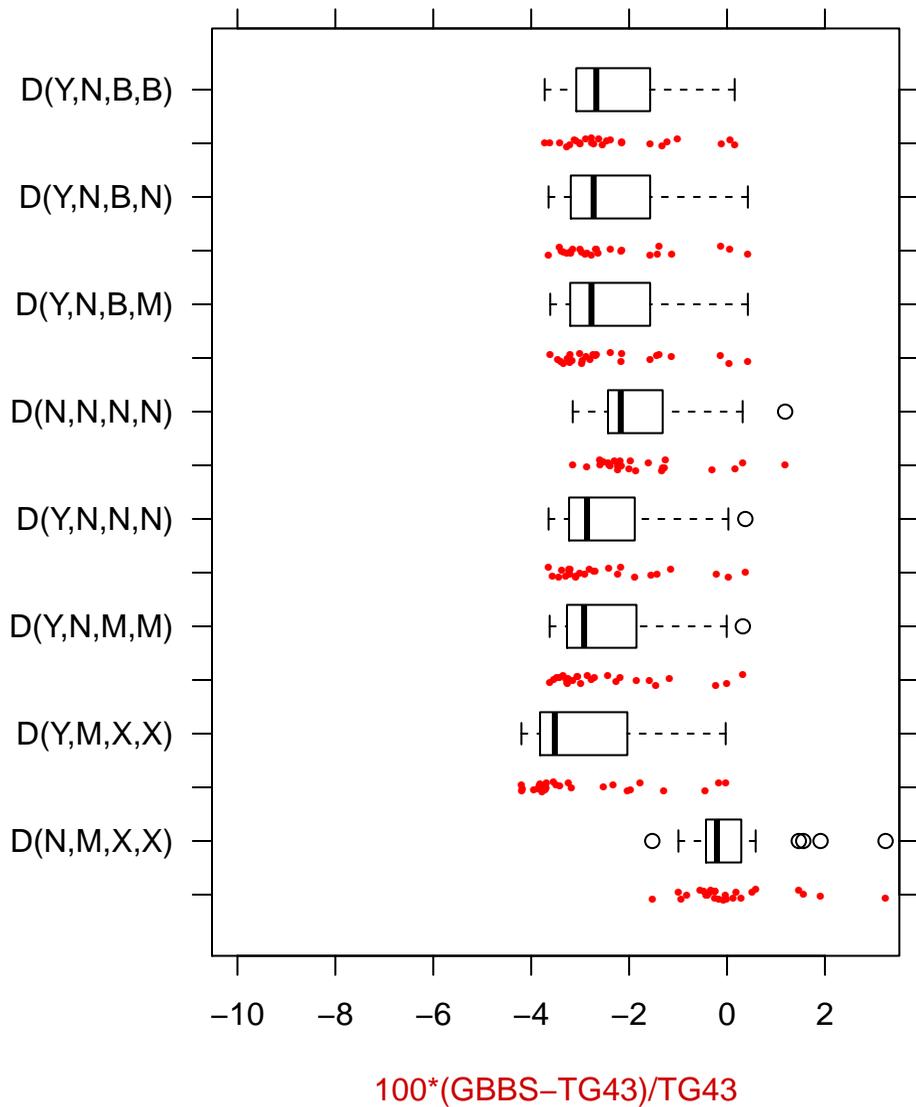
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

3 o'clock



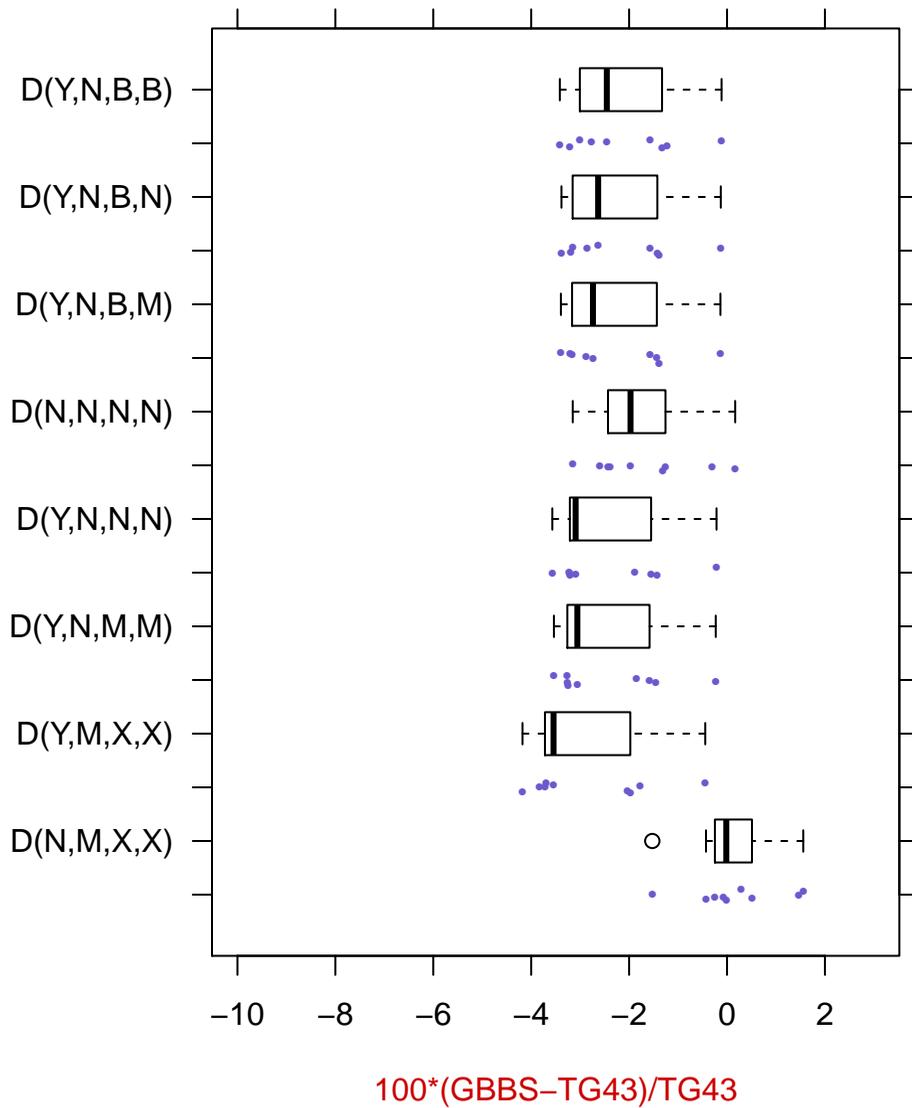
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

9 oclock



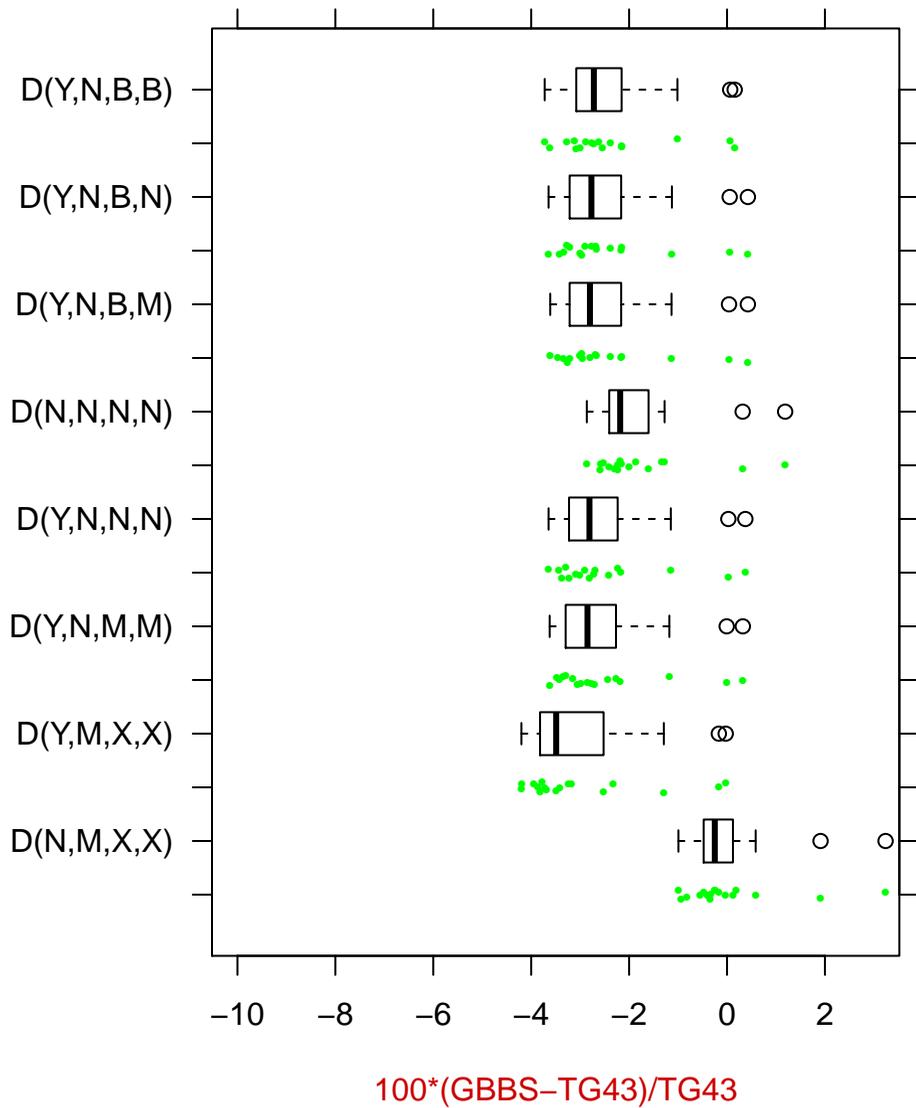
GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

9 o'clock



GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

9 oclock



GBBS(solid model applicator, body, balloon & rectal contrast, packing contrast)

9 o'clock

