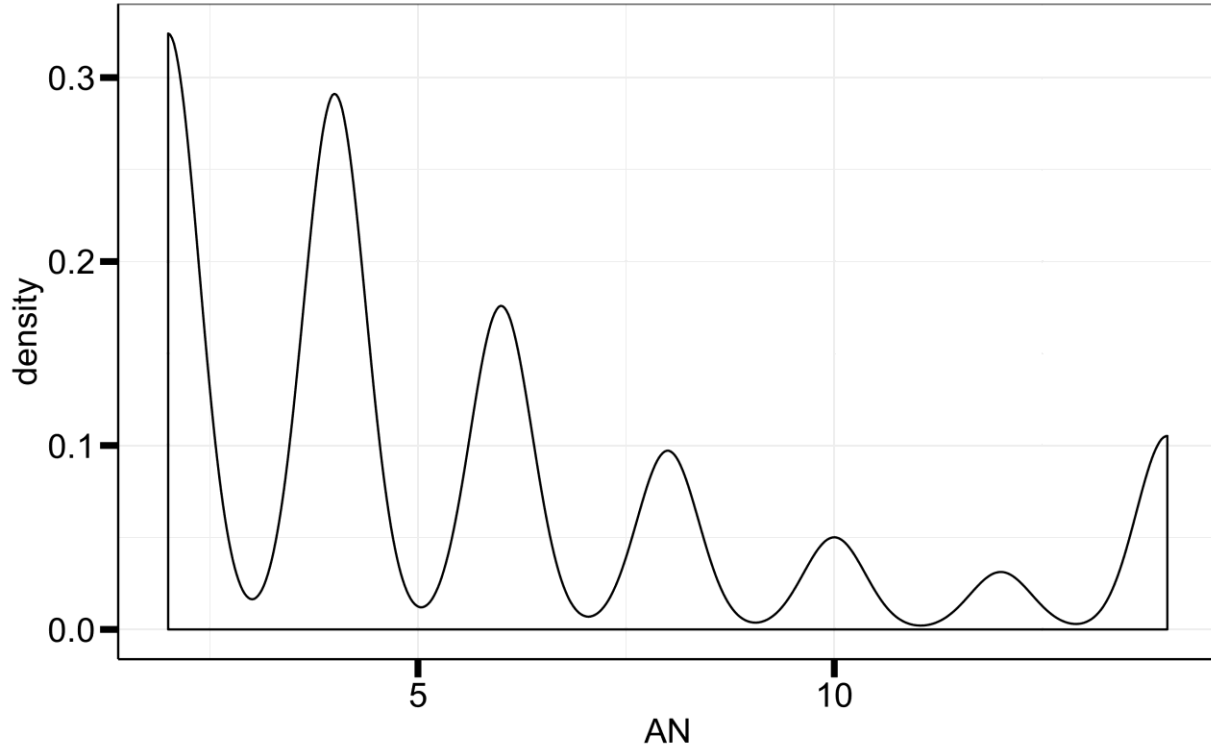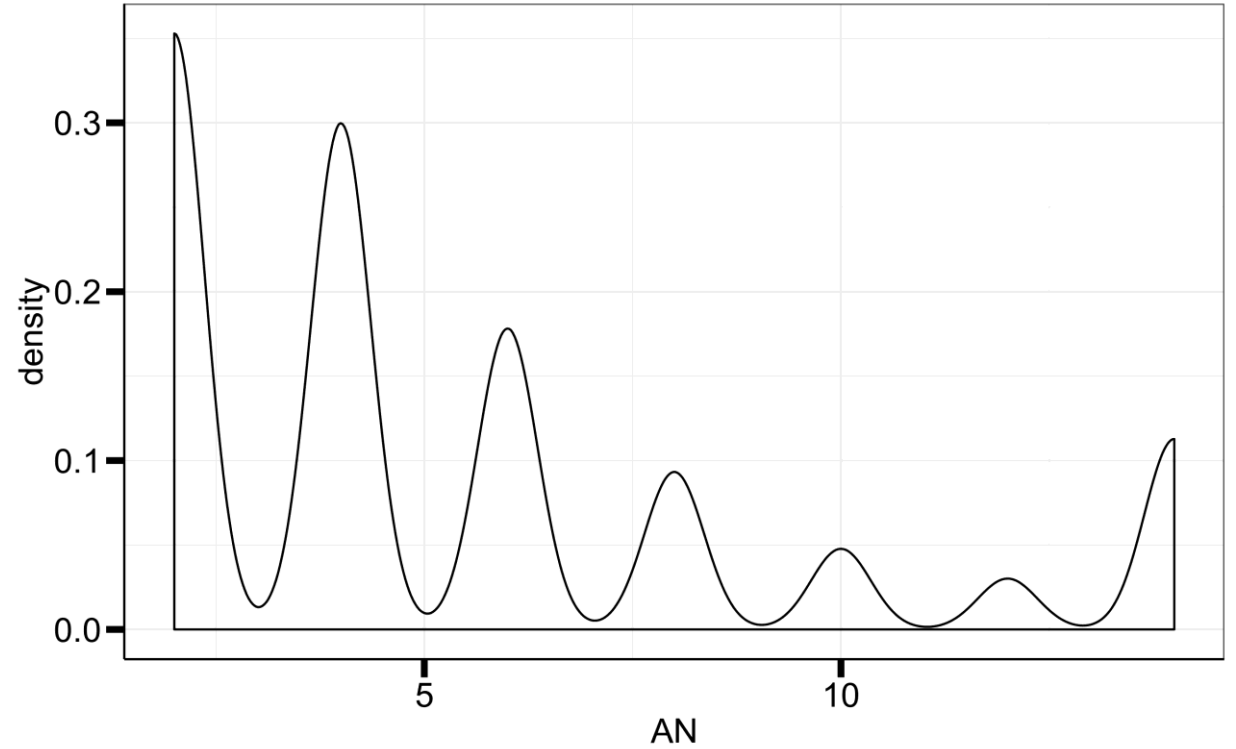# Hard-filter of GTEx WES on chrX and chr8

AN
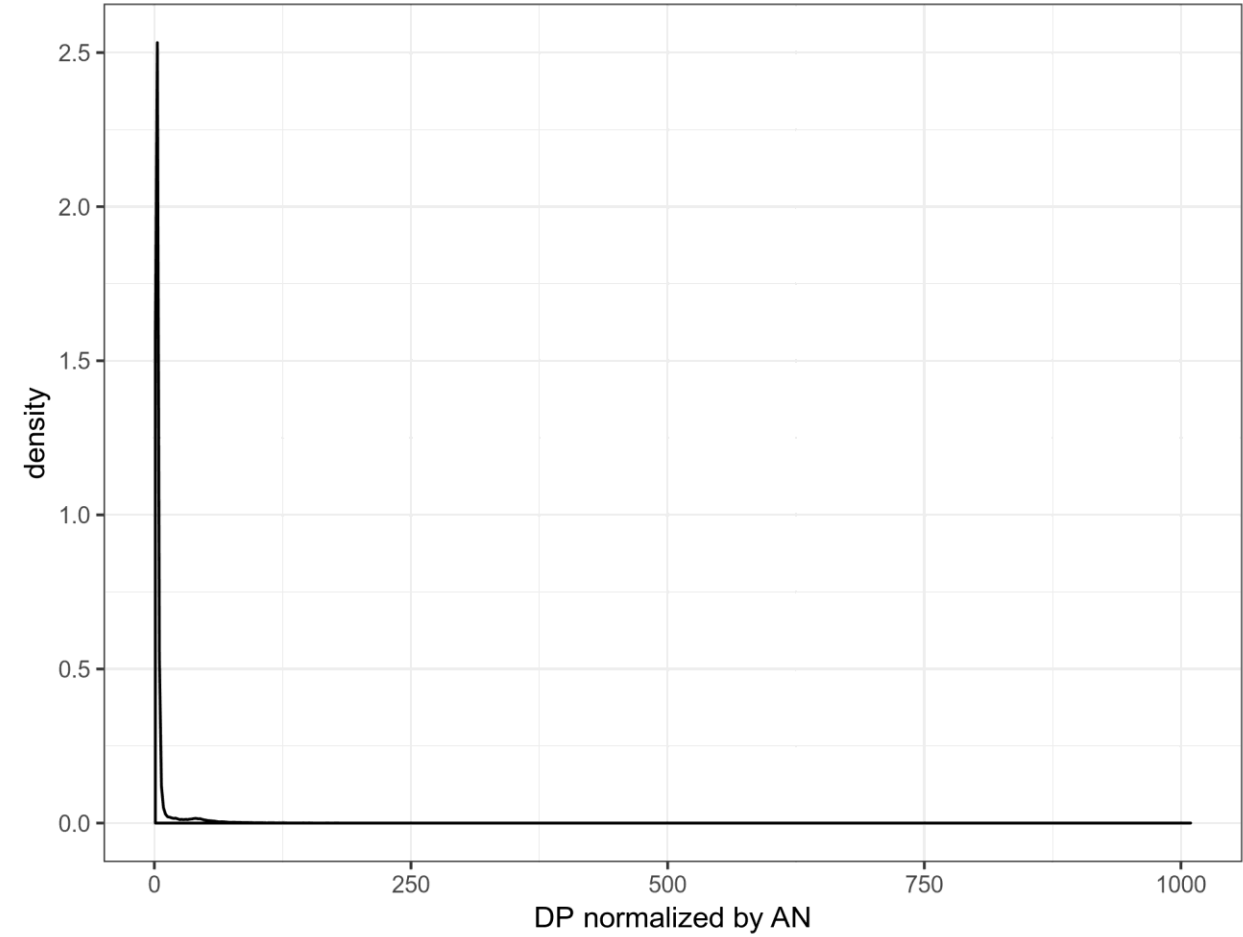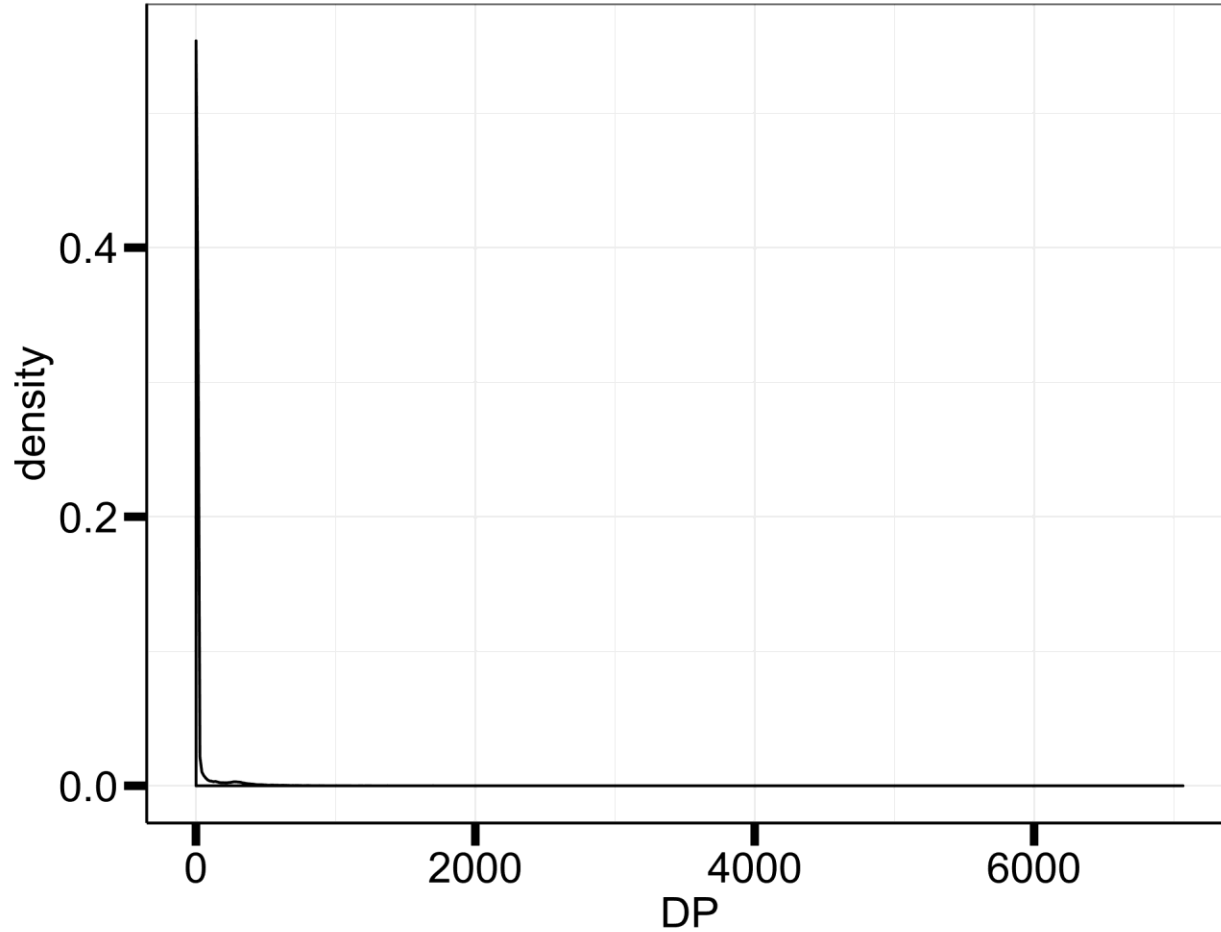
chrX

chr8

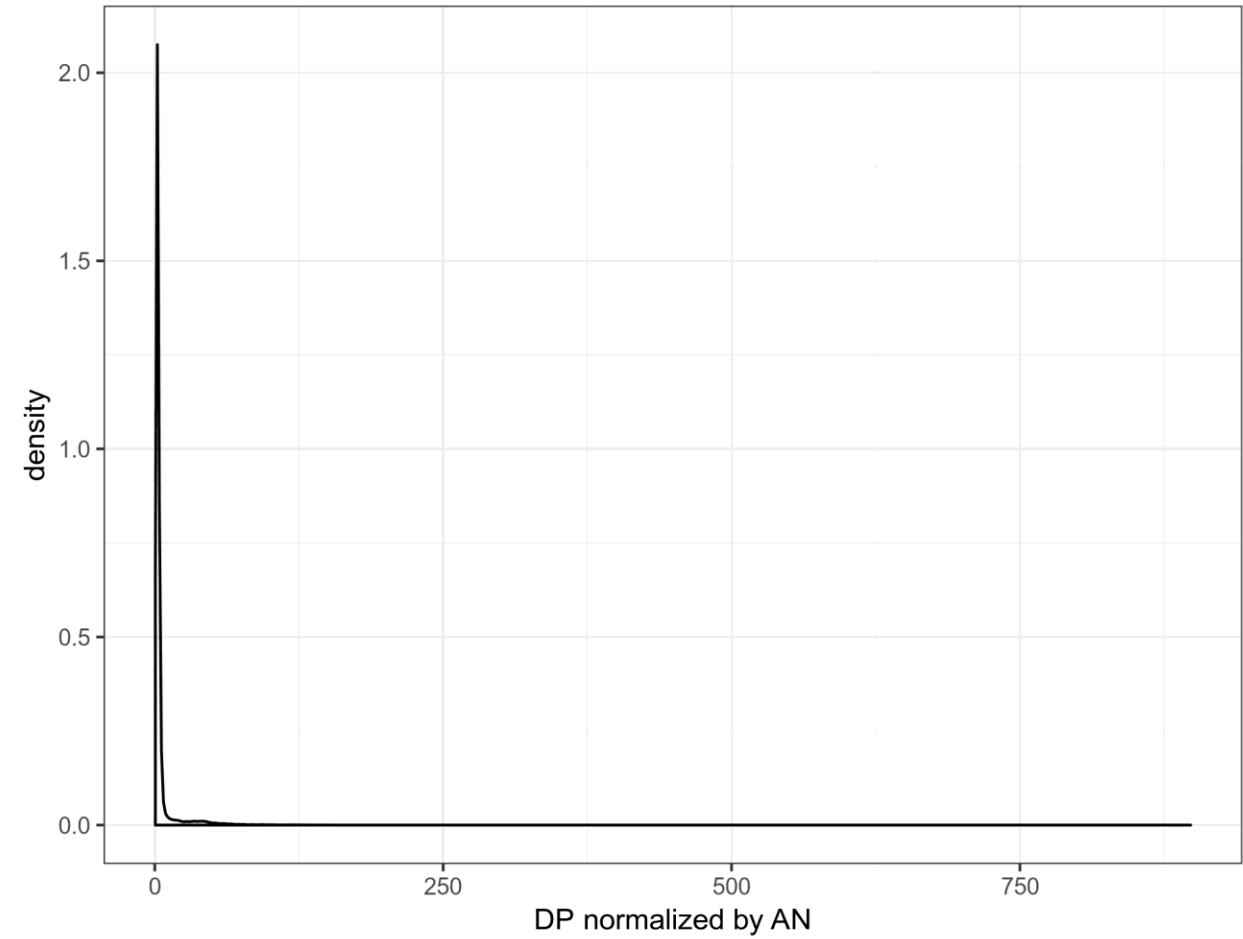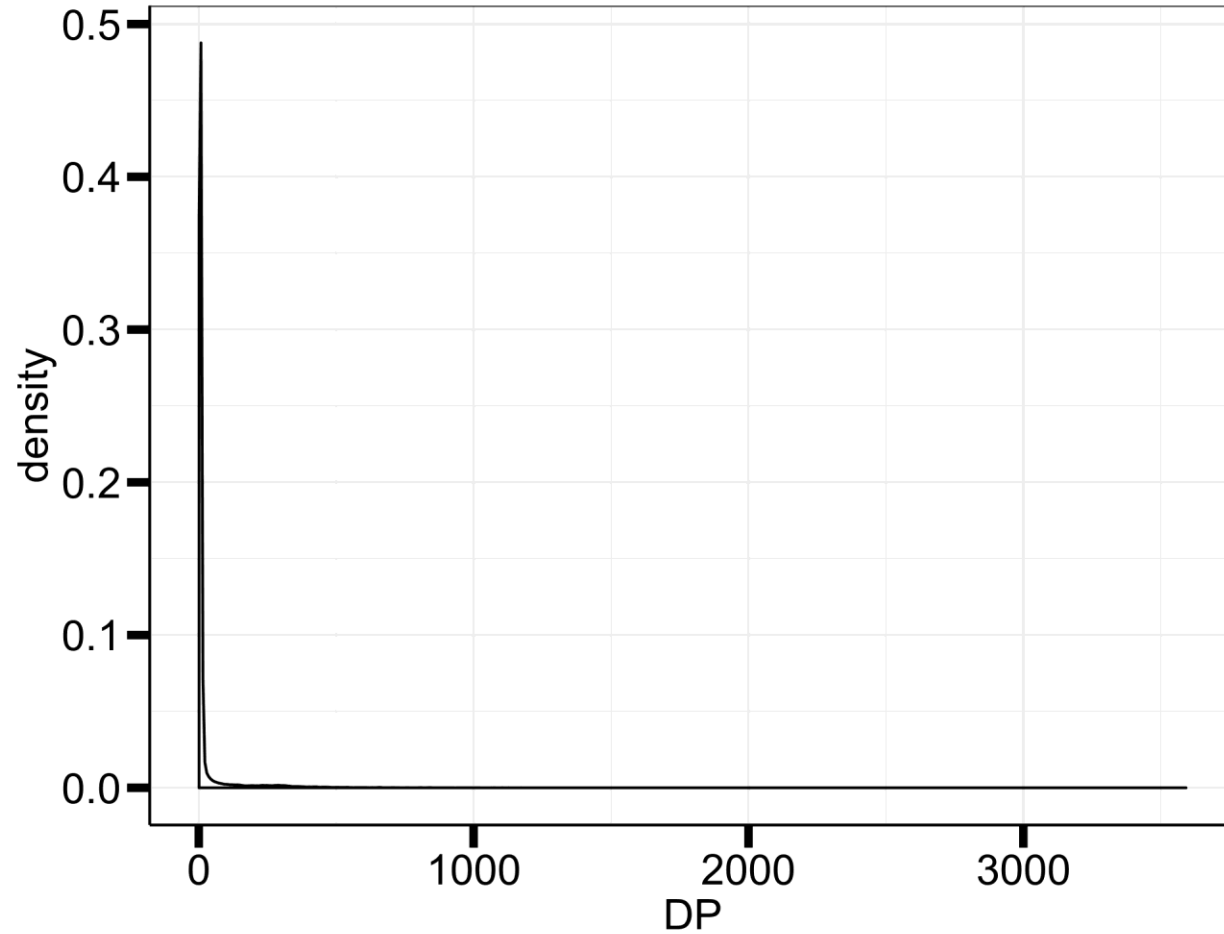
- Keep variants where AN ≥ 4
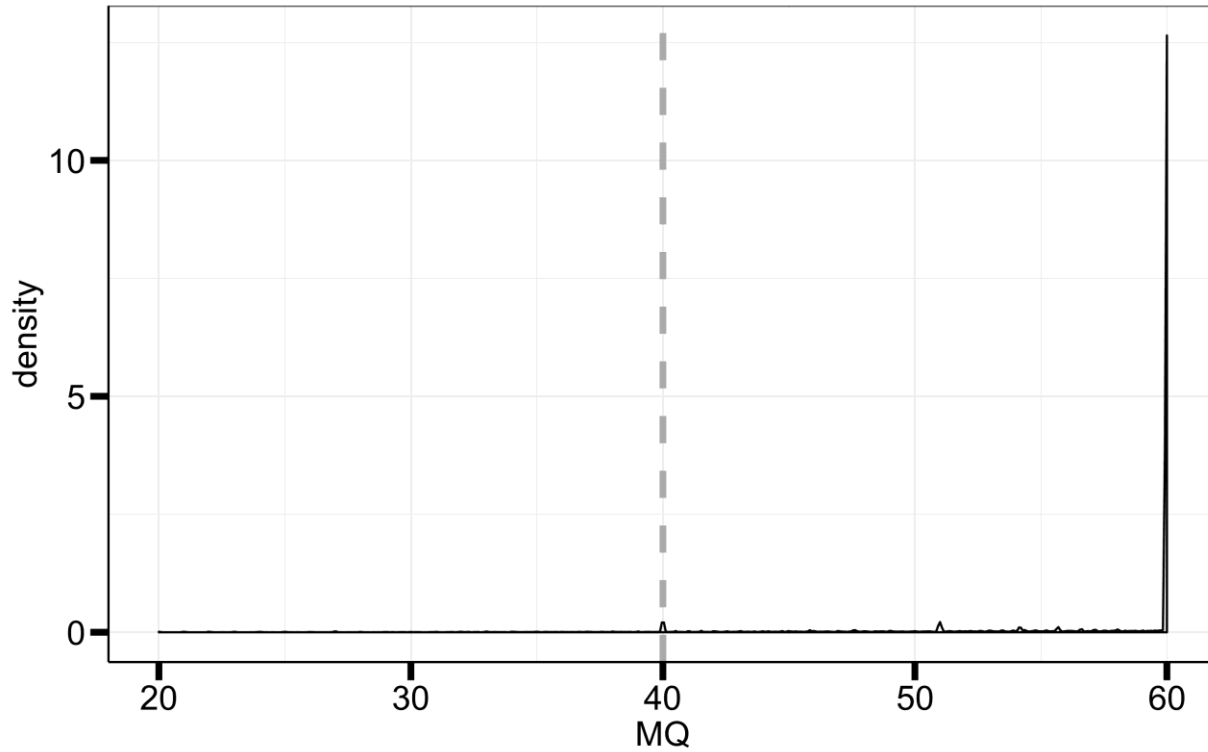
DP chrX

- Keep variants where DP ≤ 1000

DP chr8

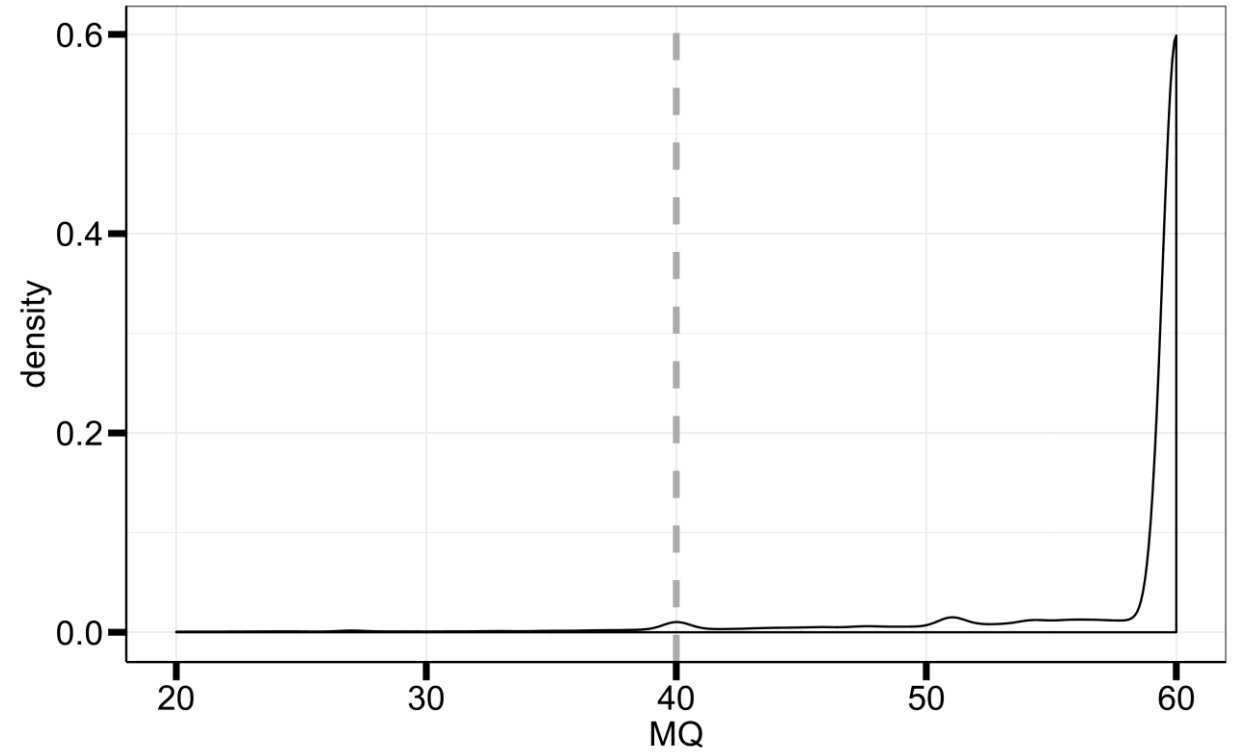

- Keep variants where DP ≤ 1000

MQ

chrX   chr8

- Keep variants where MQ ≥ 55

QD

chrX — chr8

I think all of this is bad quality
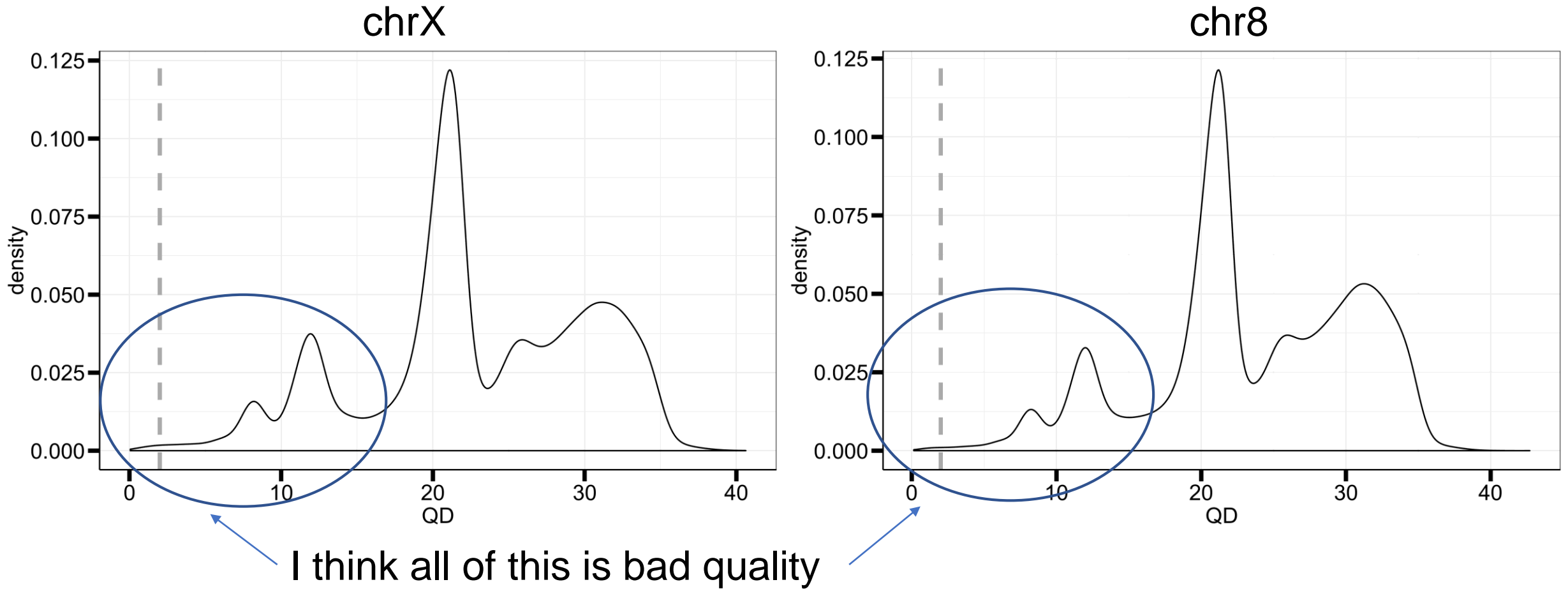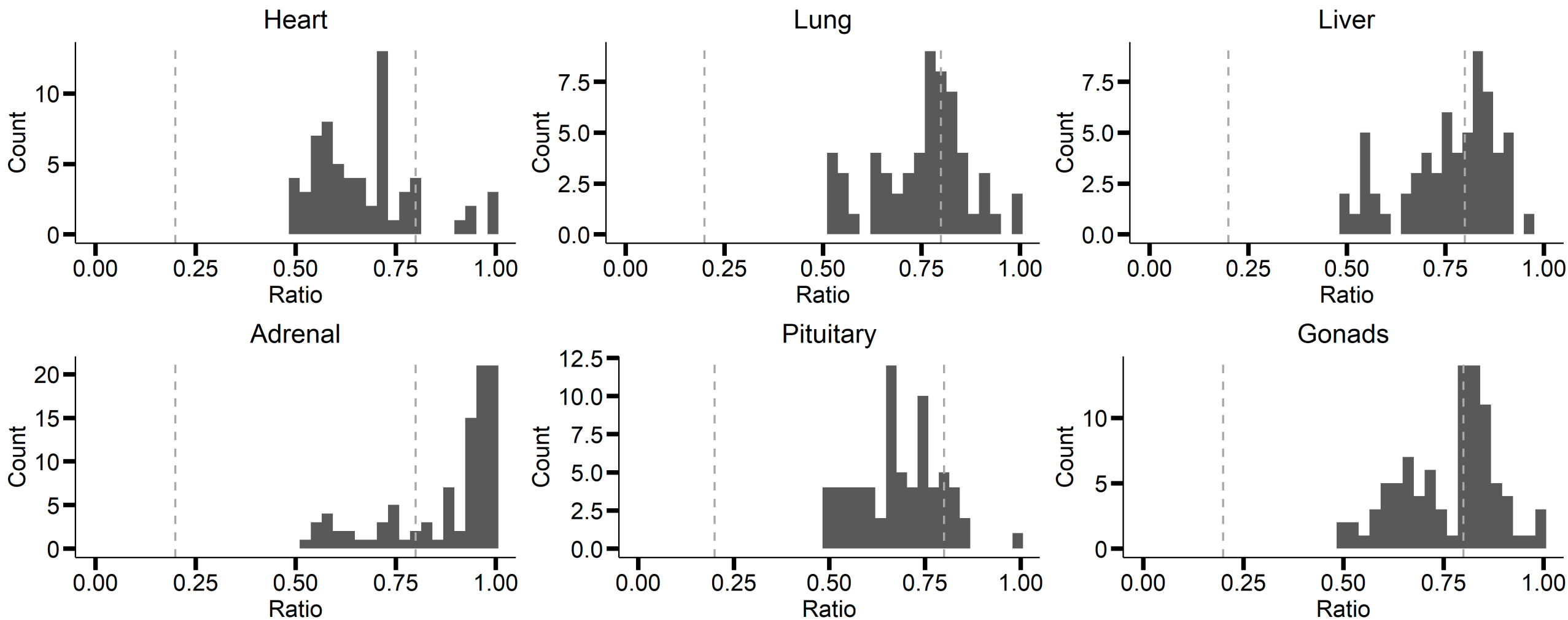
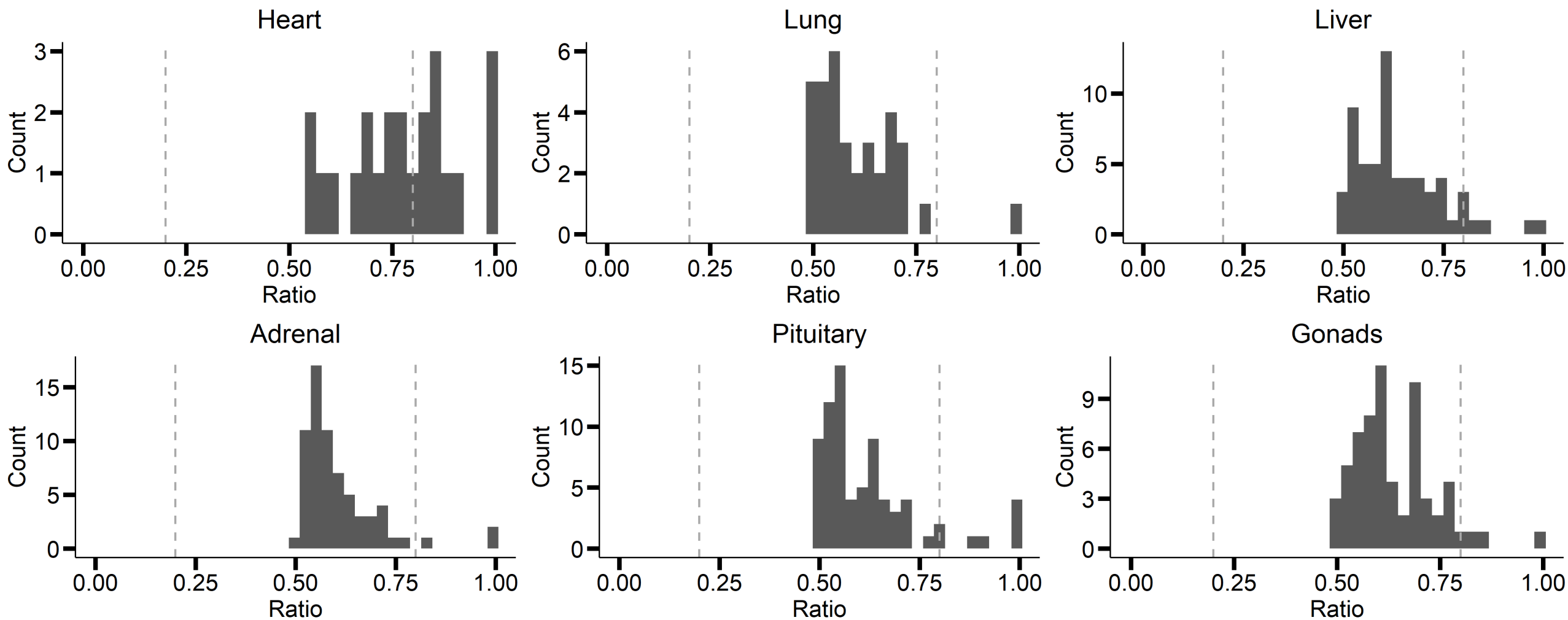- Keep variants where QD ≥ 15

Before phasing
X chromosome
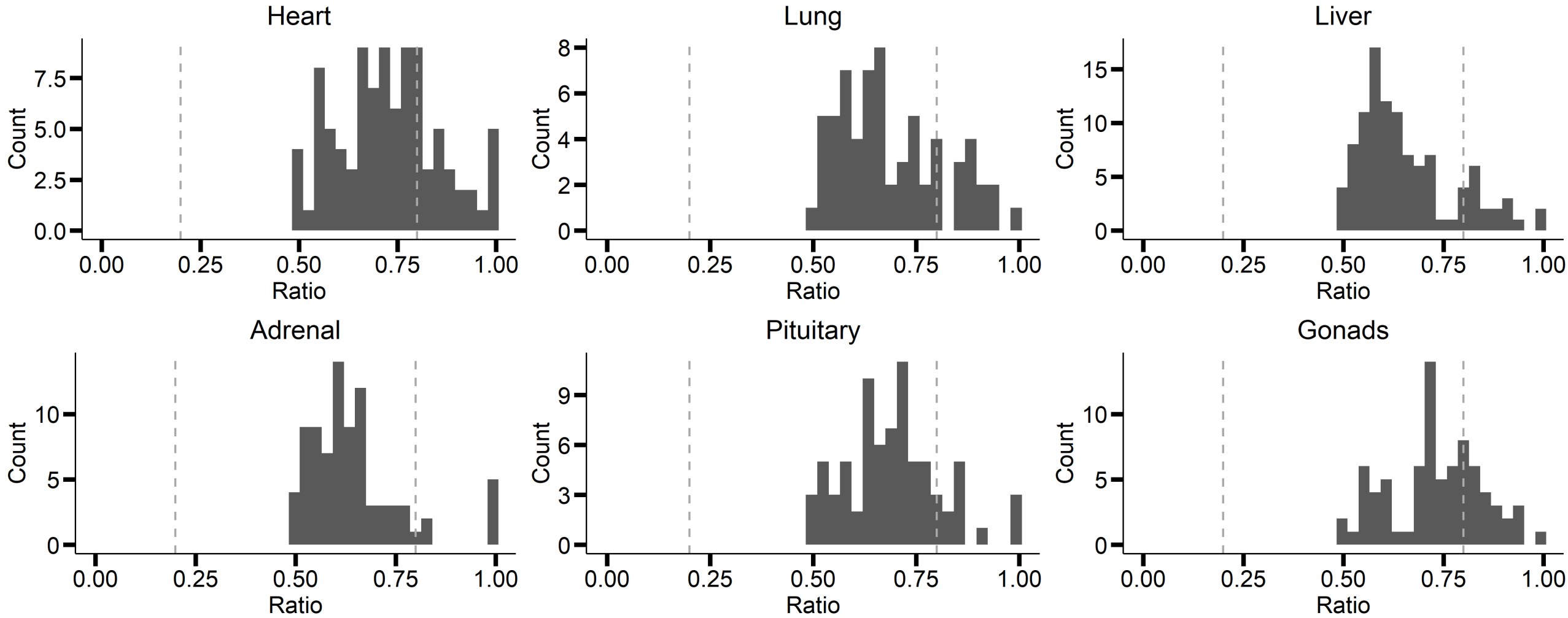
GTEX-1A8FM-0004

GTEX-1A32A-0001

GTEX-11GSP-0004

GTEX-12WSD-0002

GTEX-14DAQ-0004
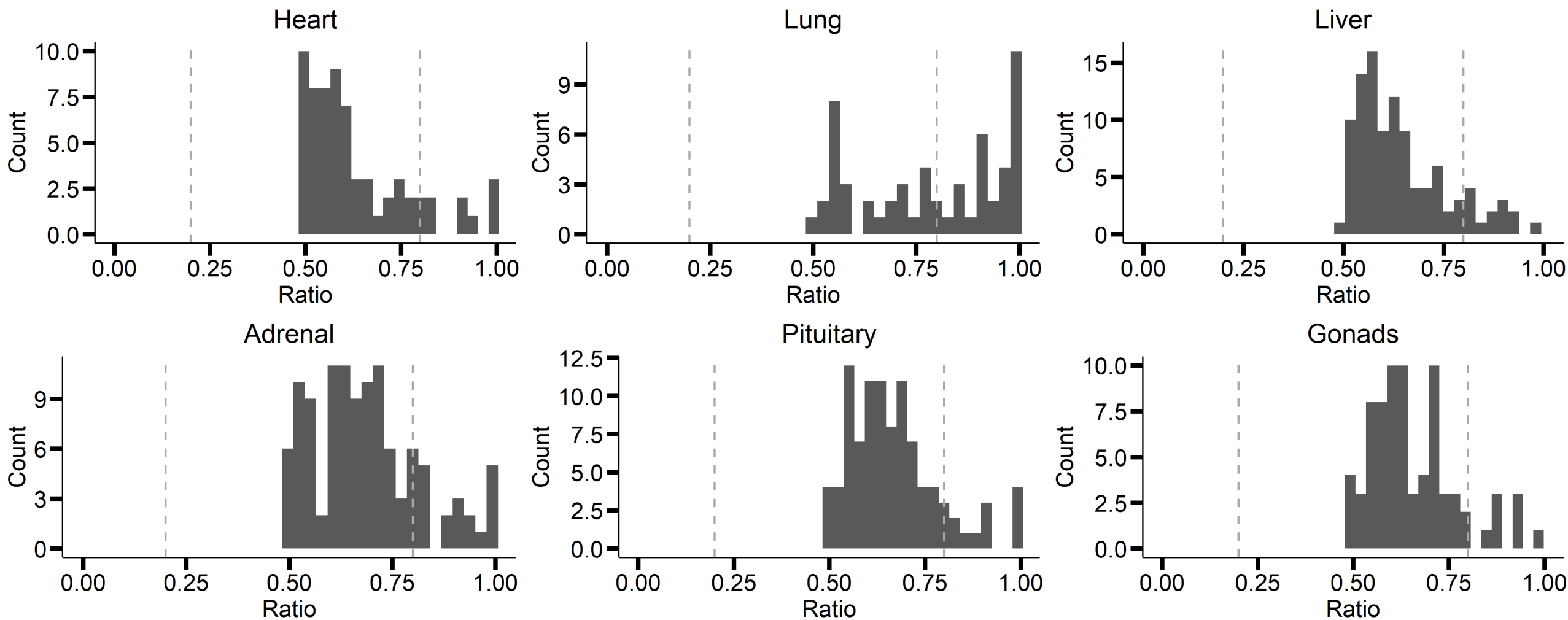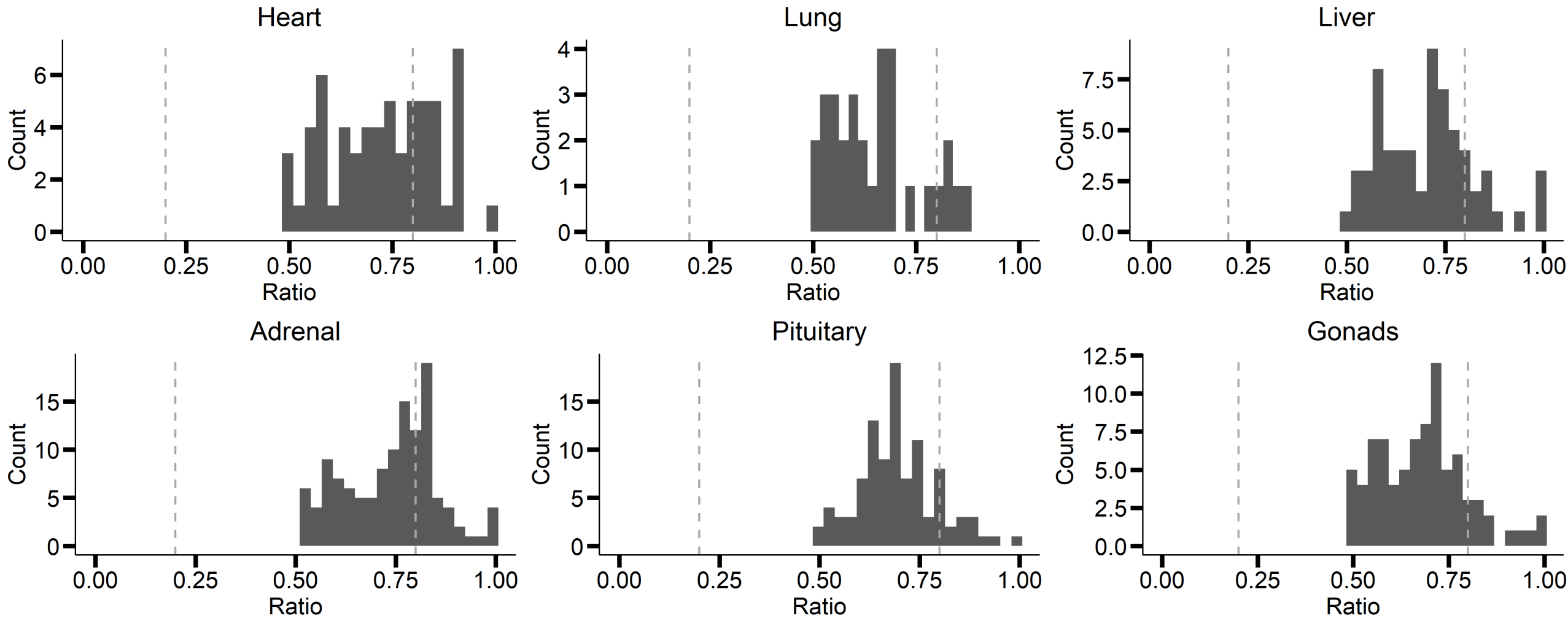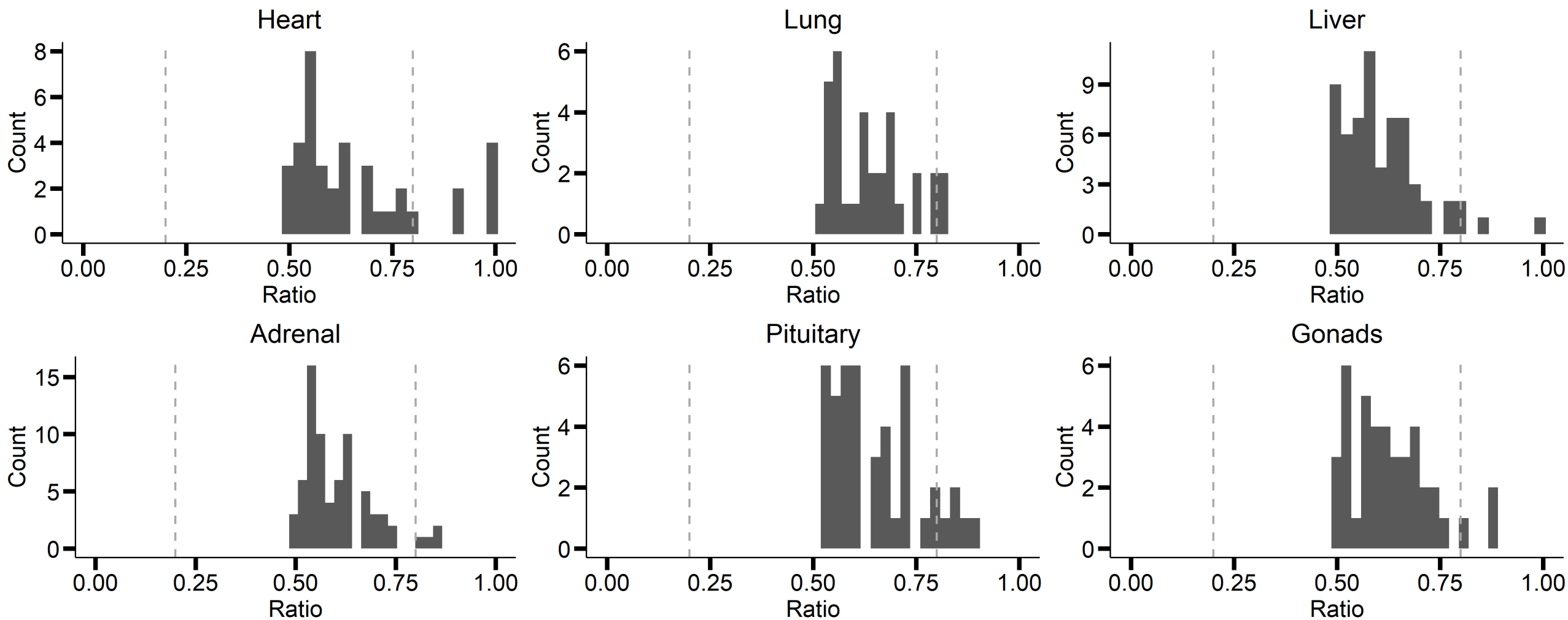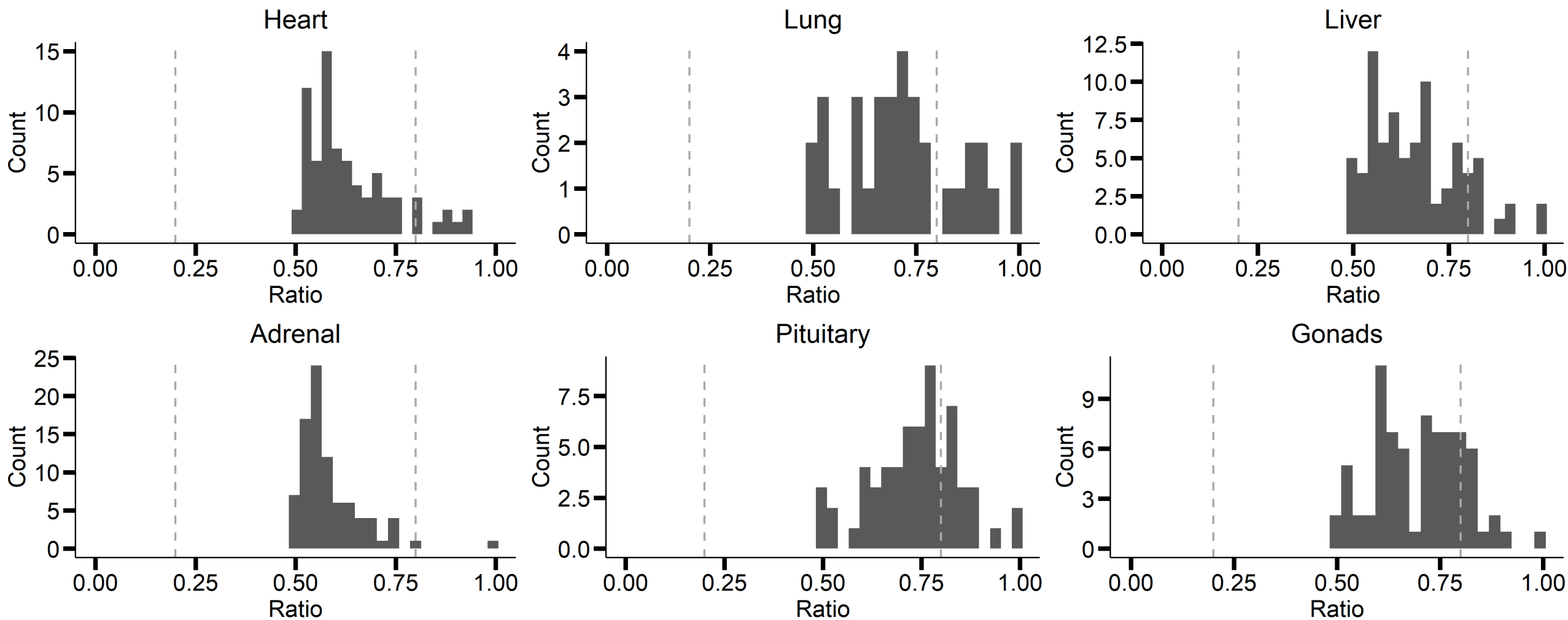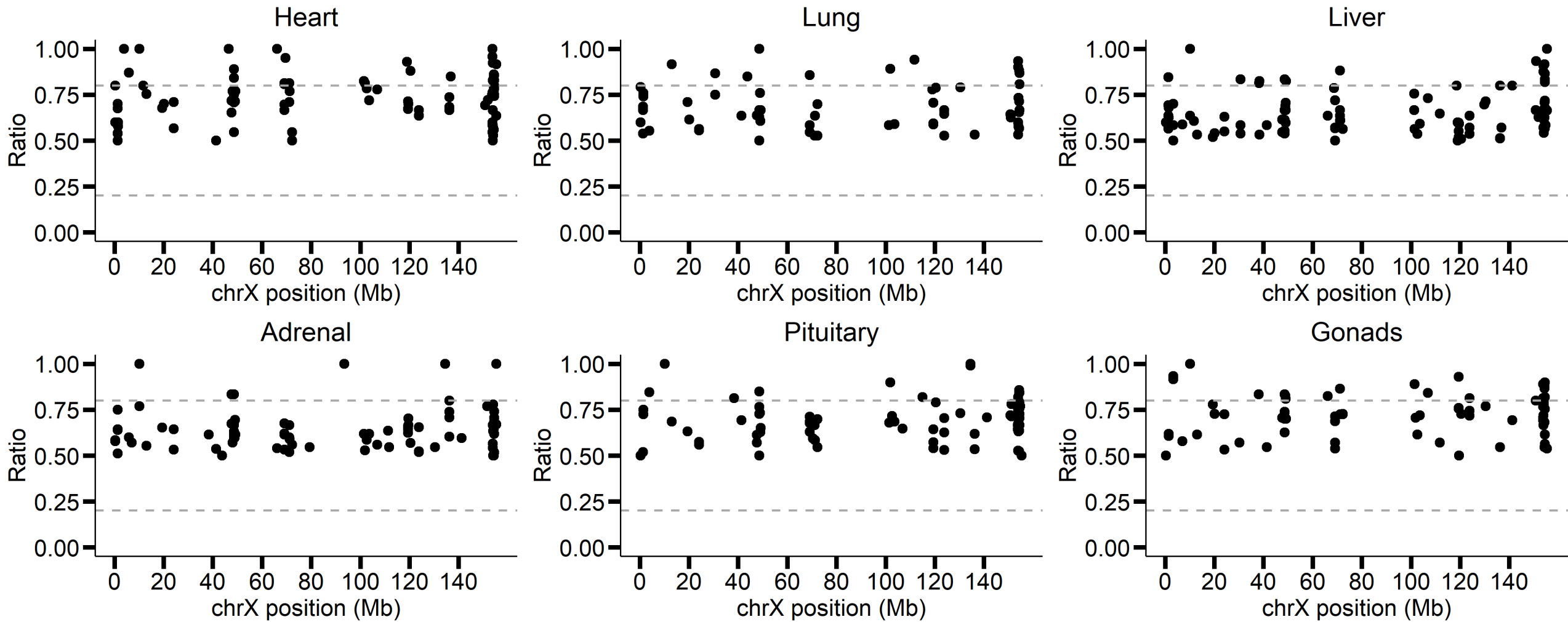
GTEX-15ER7-0002

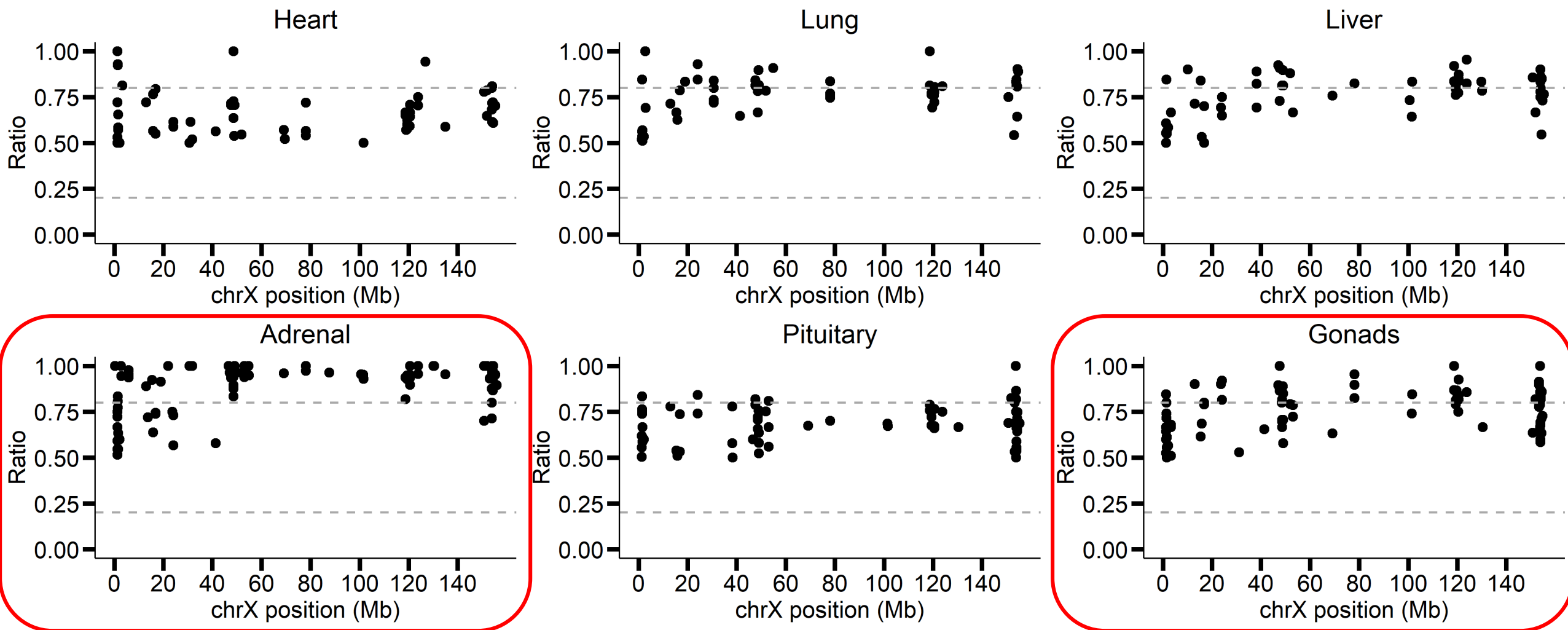# GTEX-131YS-0003

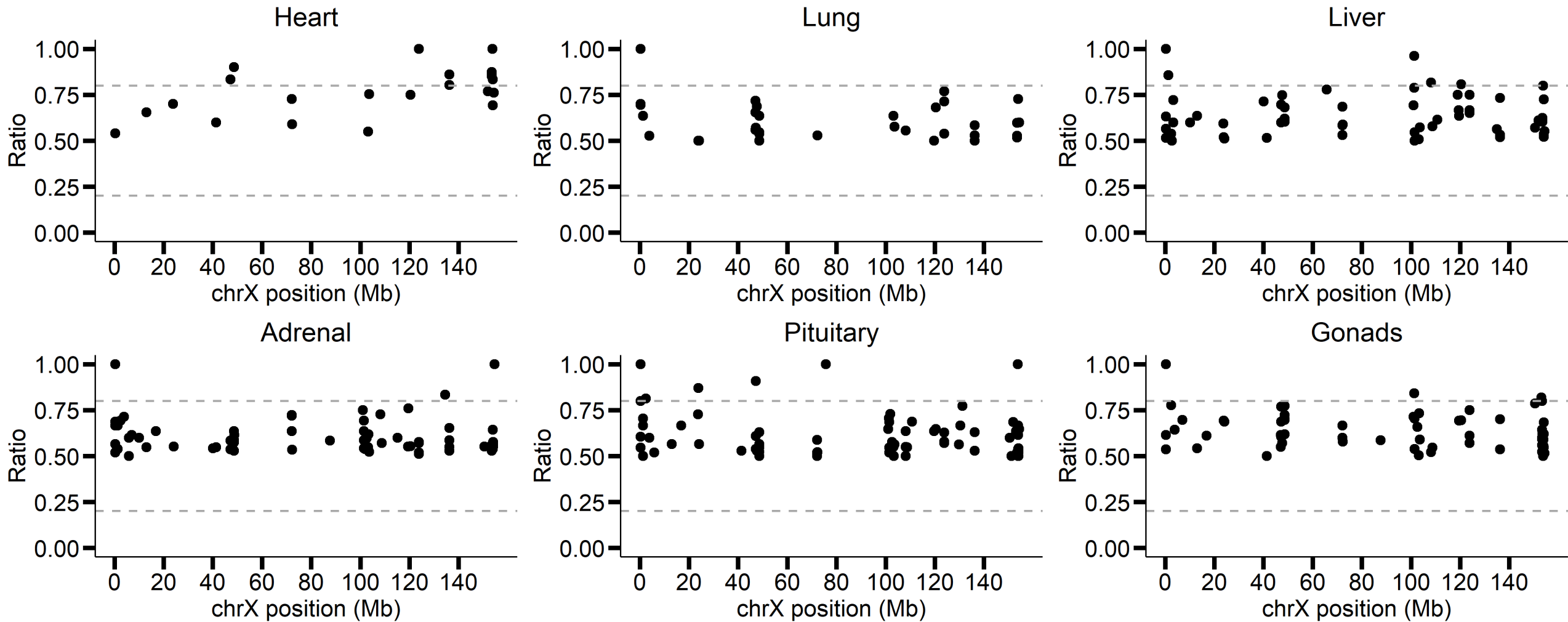# GTEX-1A8FM-0004

GTEX-1A32A-0001

GTEX-11GSP-0004

GTEX-12WSD-0002

GTEX-14DAQ-0004

GTEX-15ER7-0002

GTEX-131YS-0003
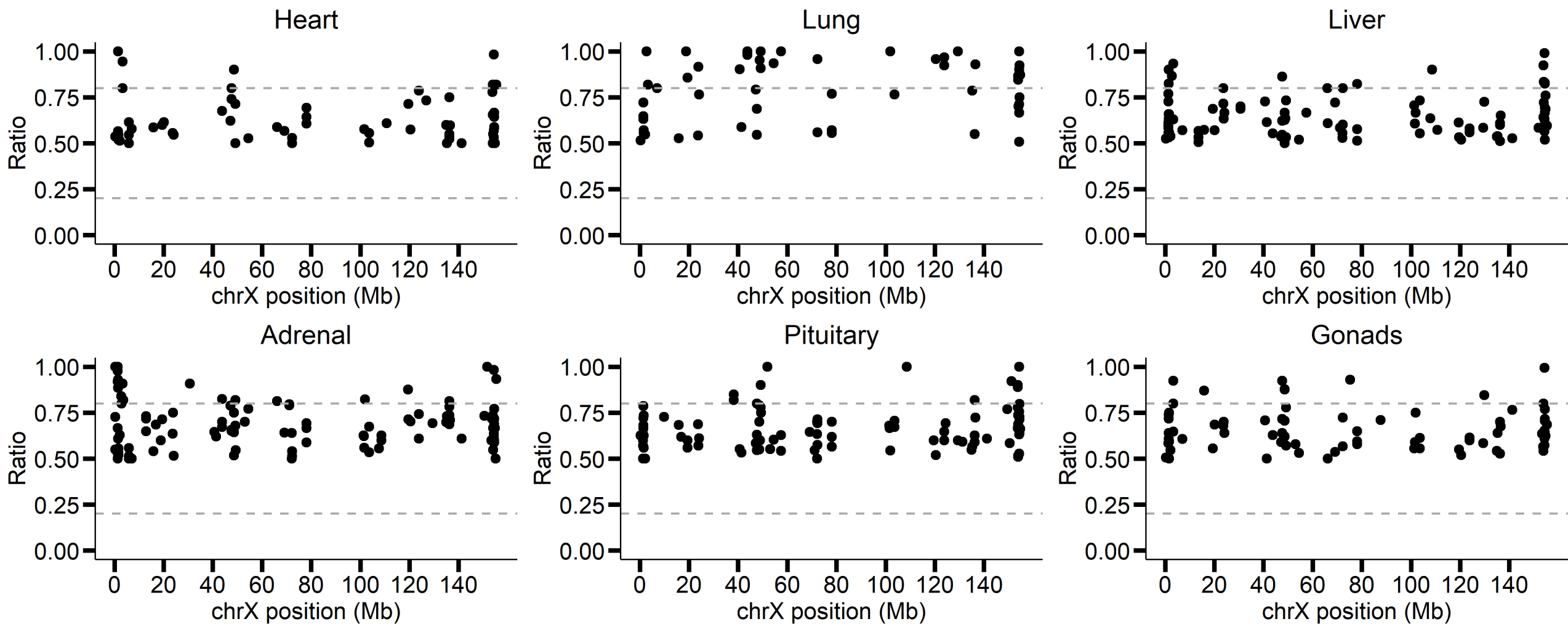
After phasing
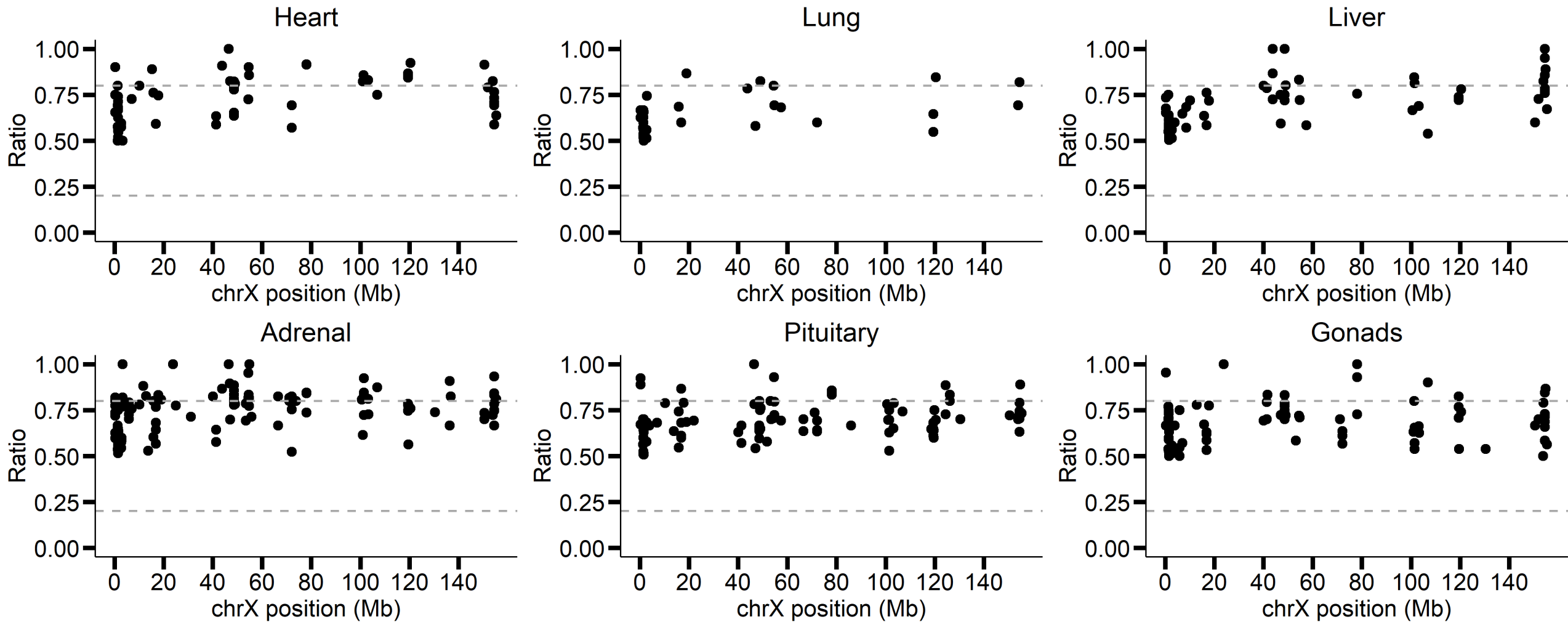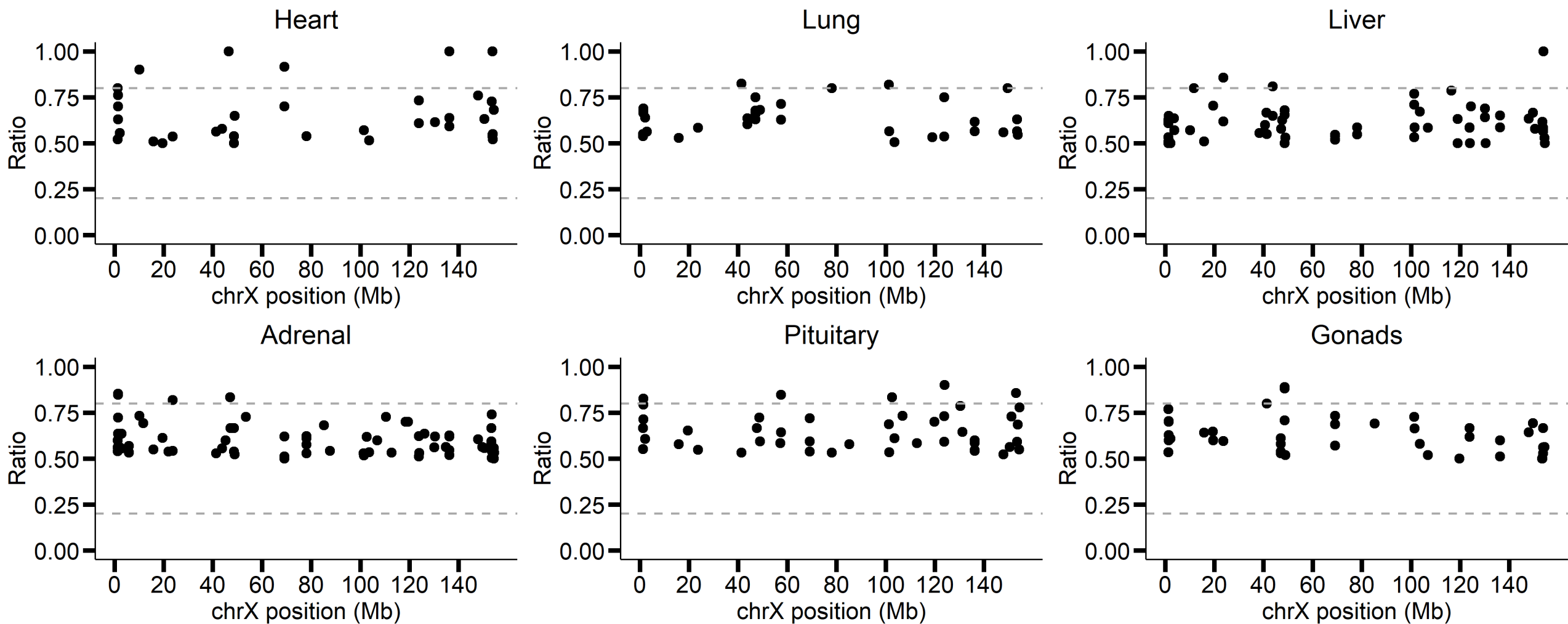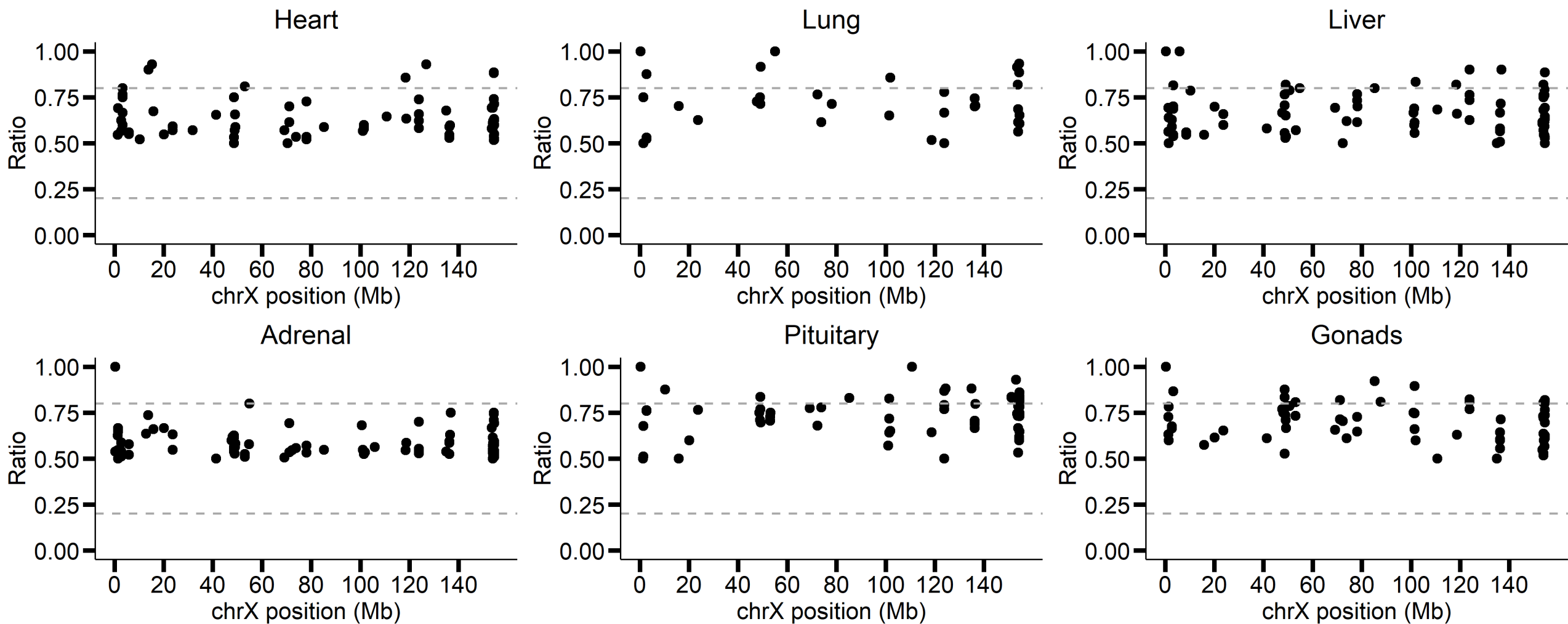# X chromosome

GTEX-1A8FM-0004

GTEX-1A32A-0001

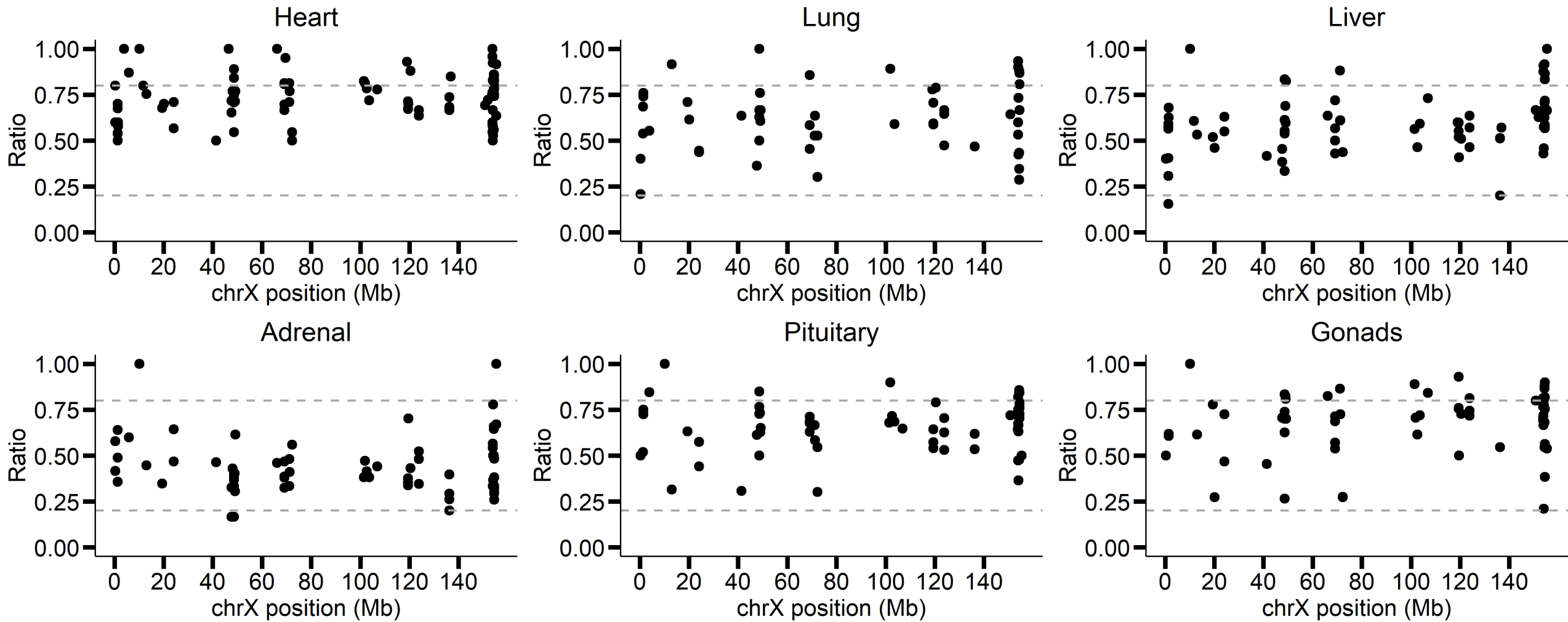# GTEX-11GSP-0004

GTEX-12WSD-0002

GTEX-14DAQ-0004
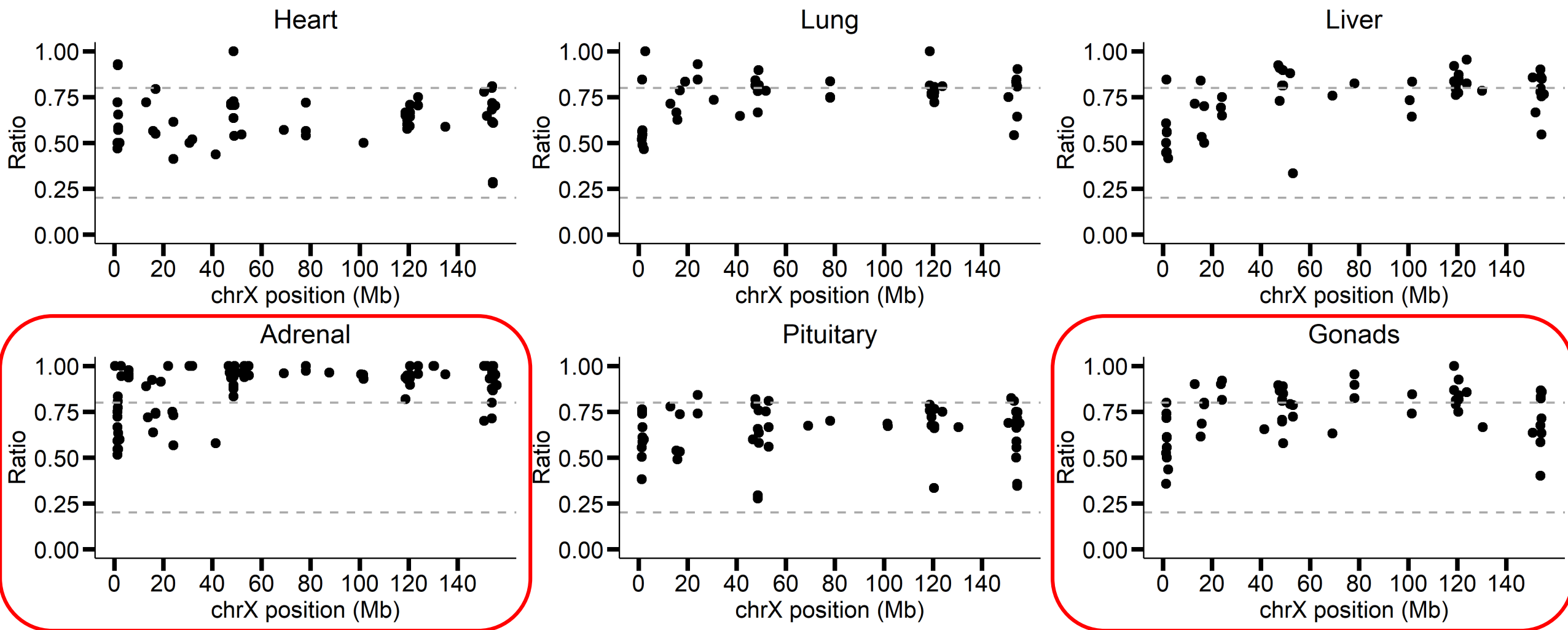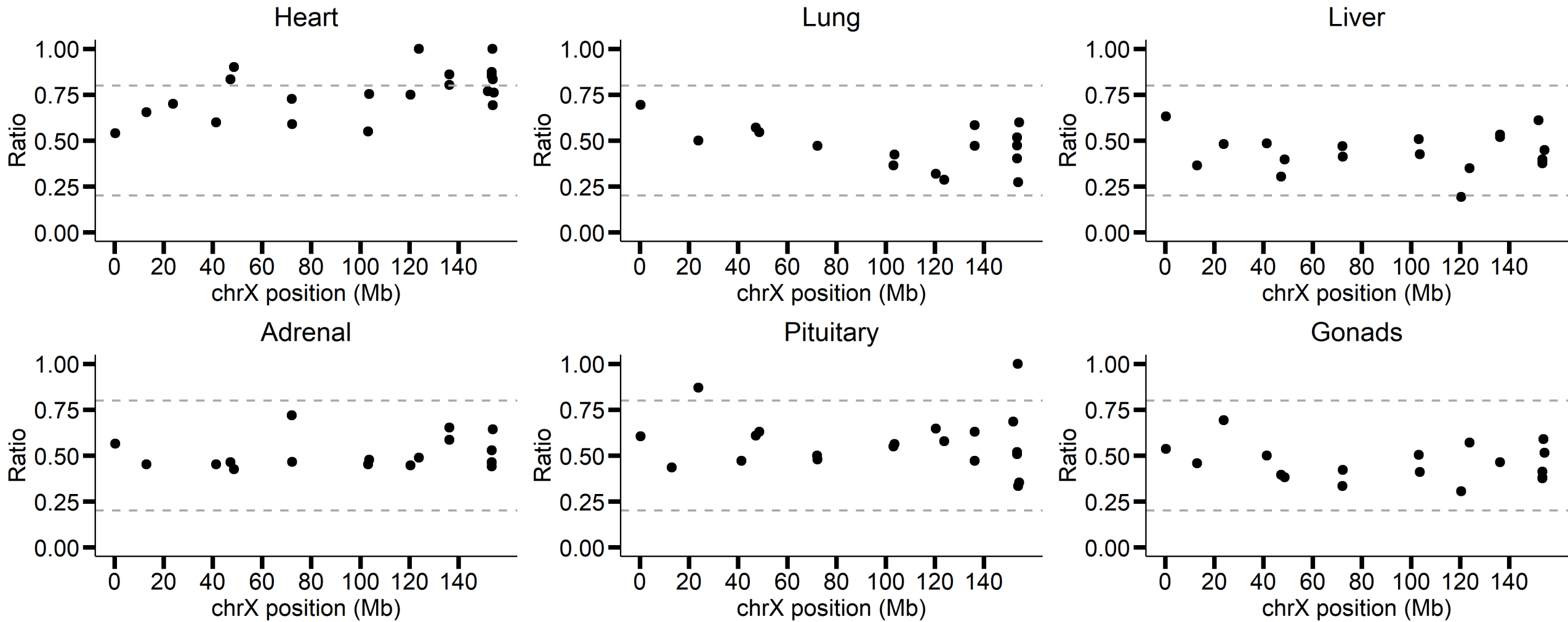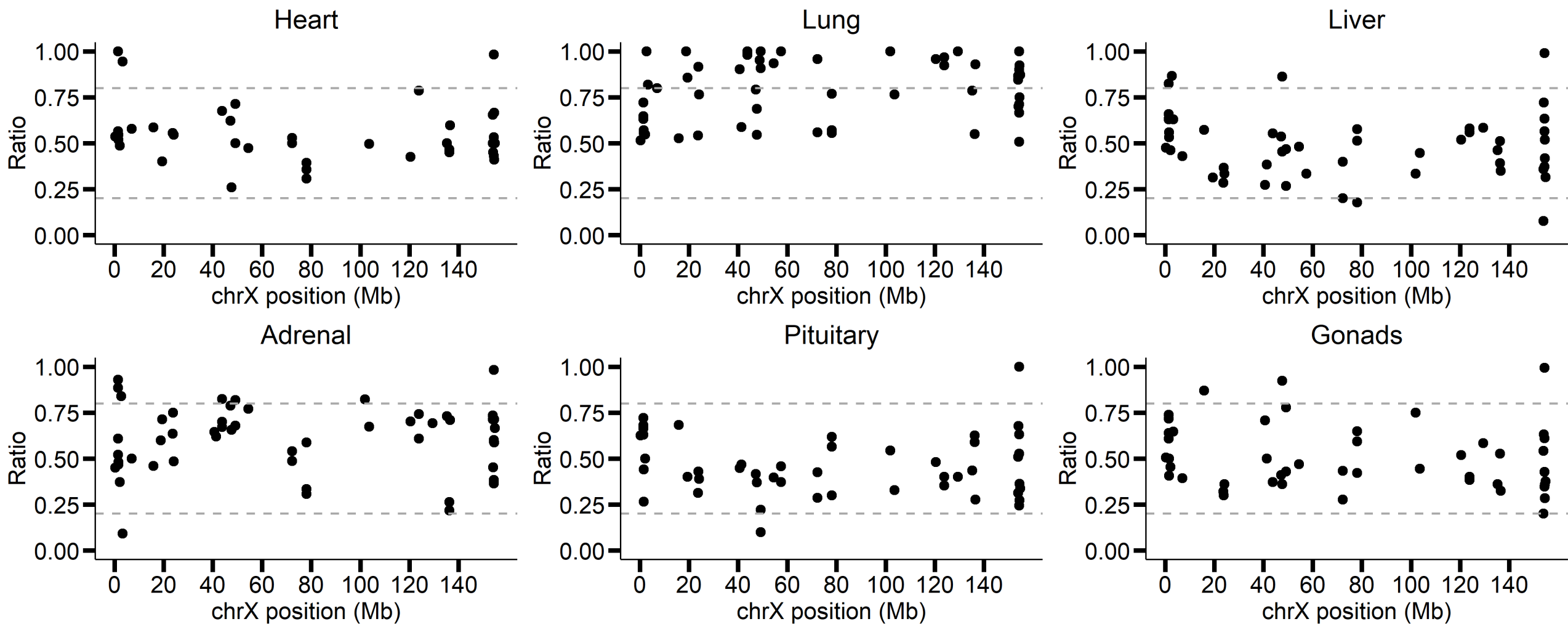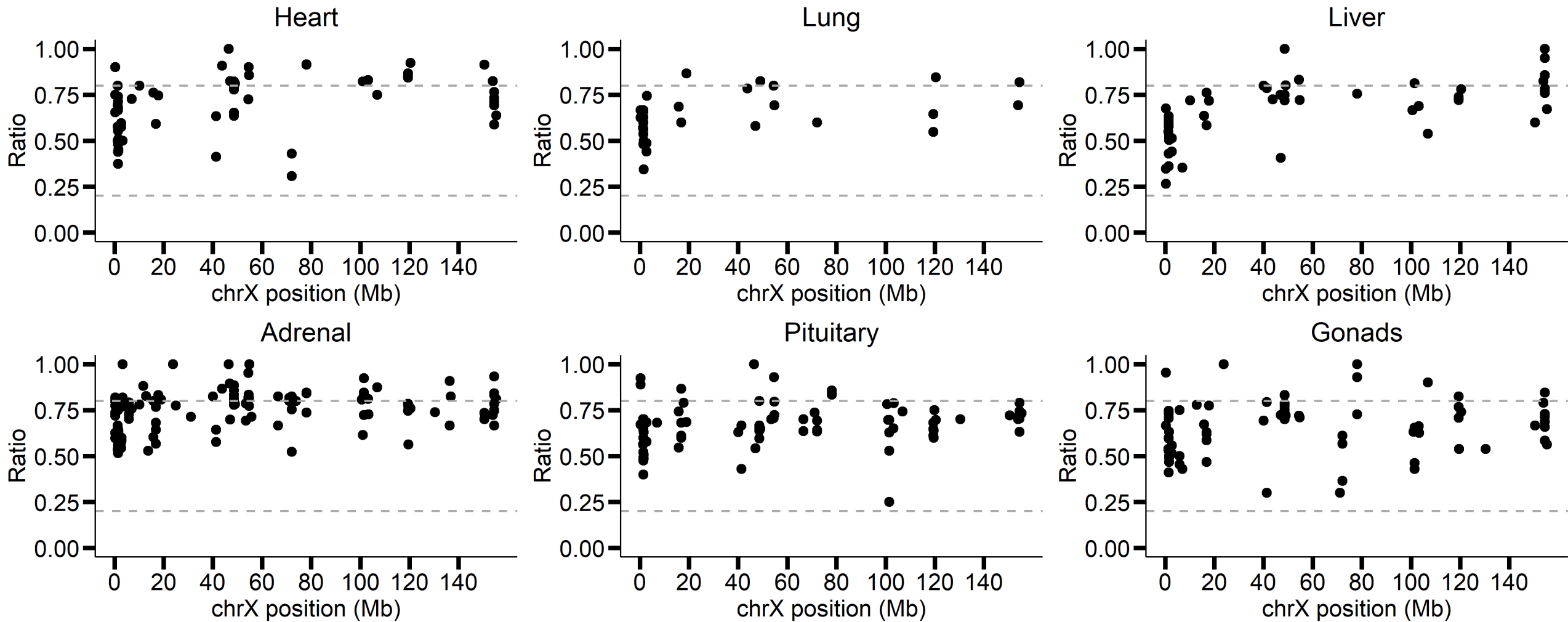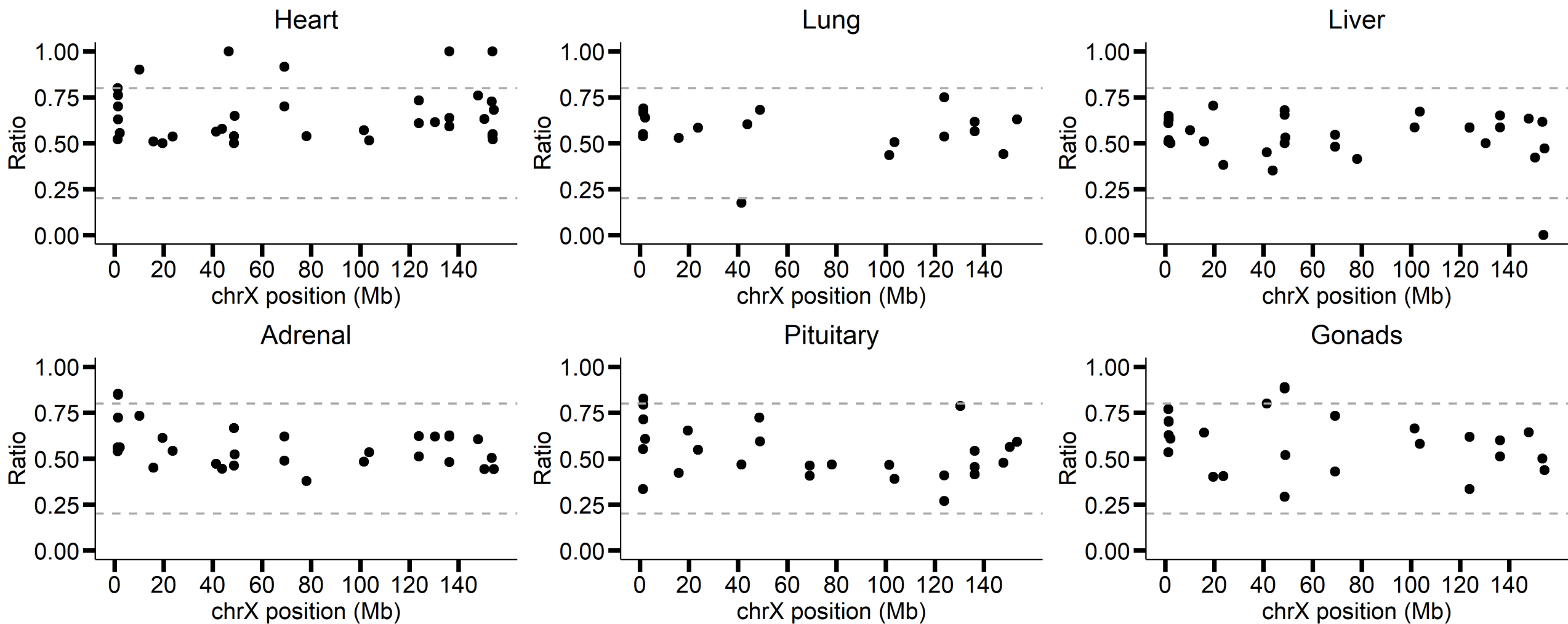
GTEX-15ER7-0002

GTEX-131YS-0003