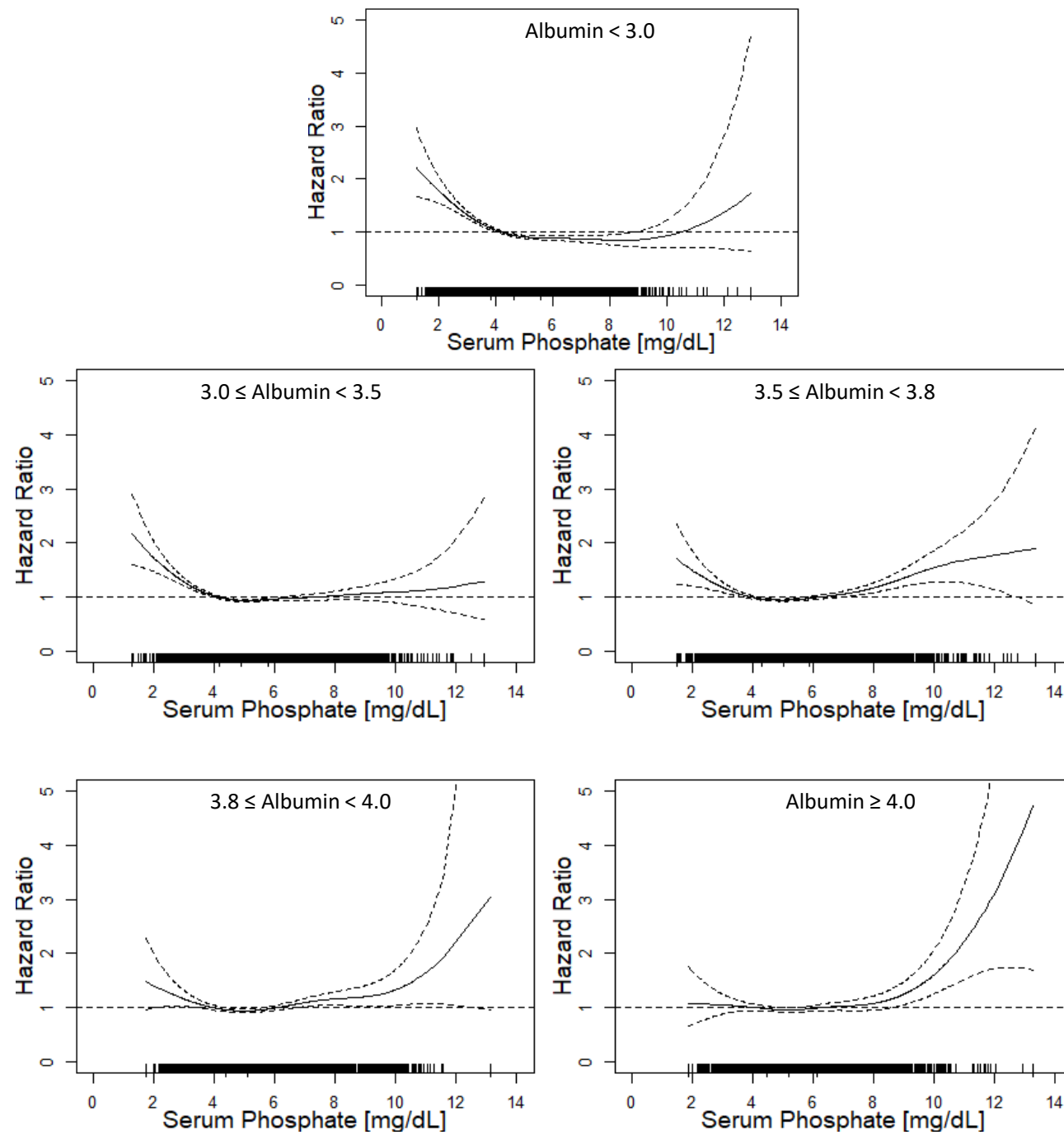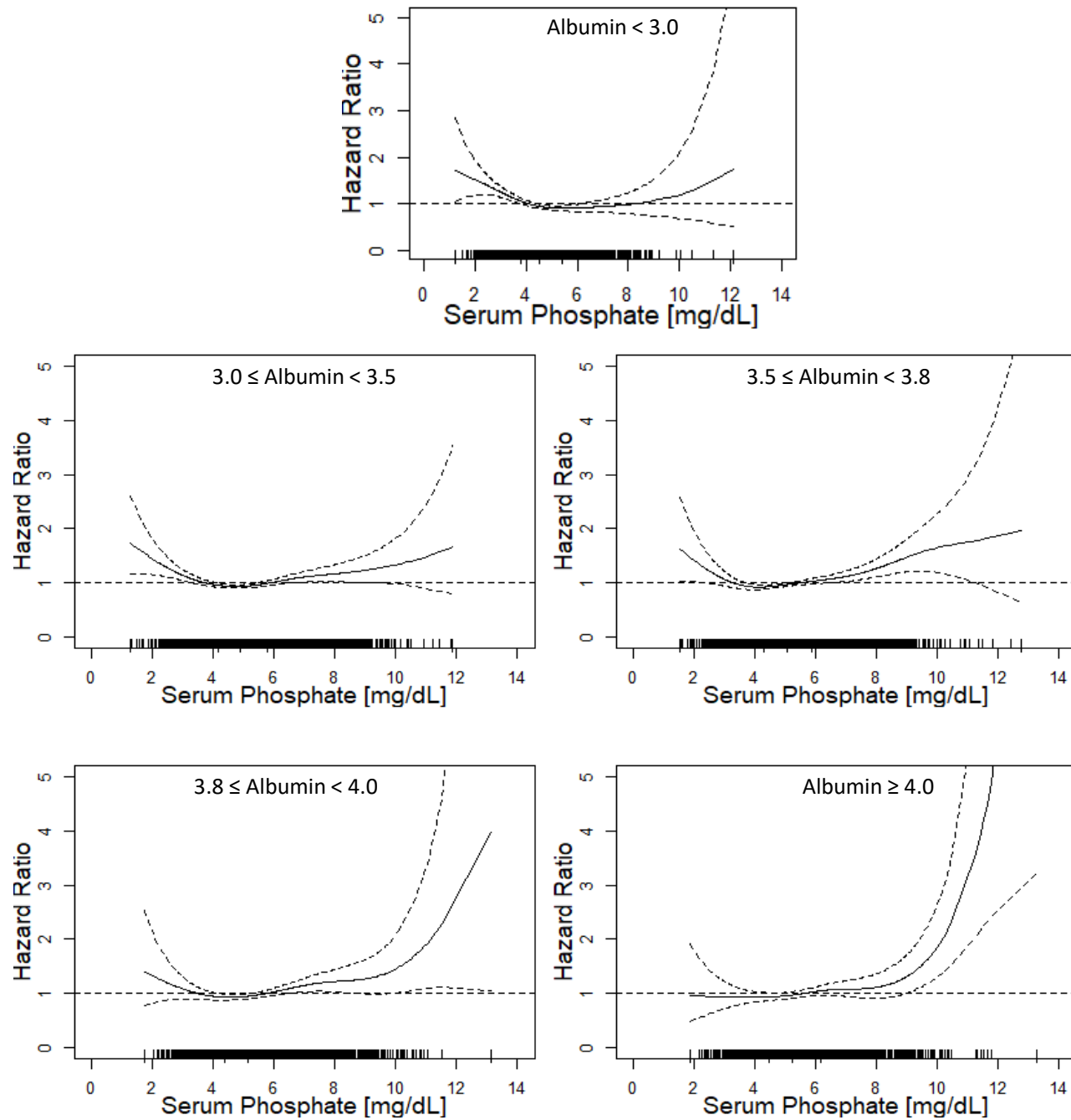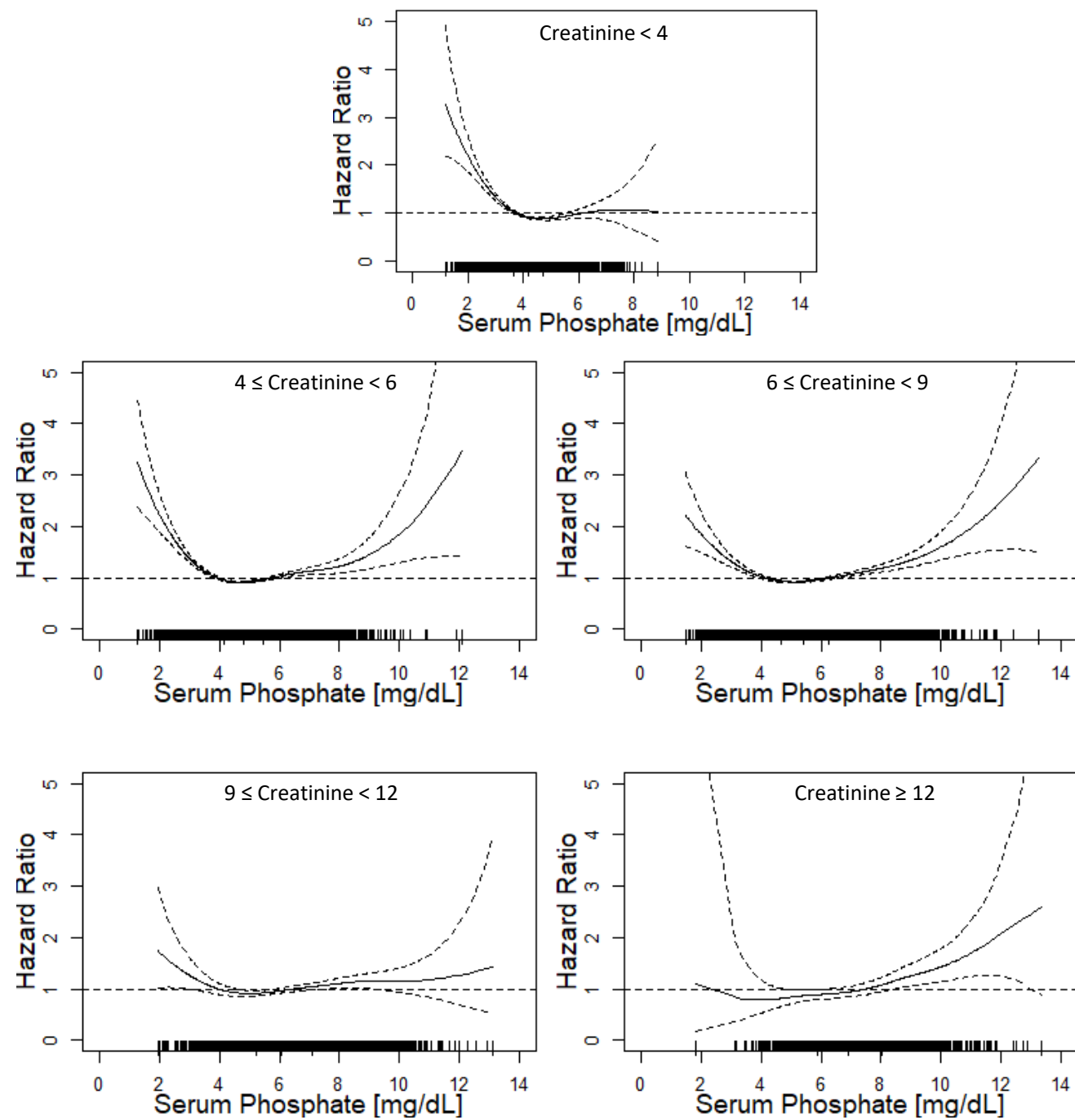**Supplemental figure 1 A**
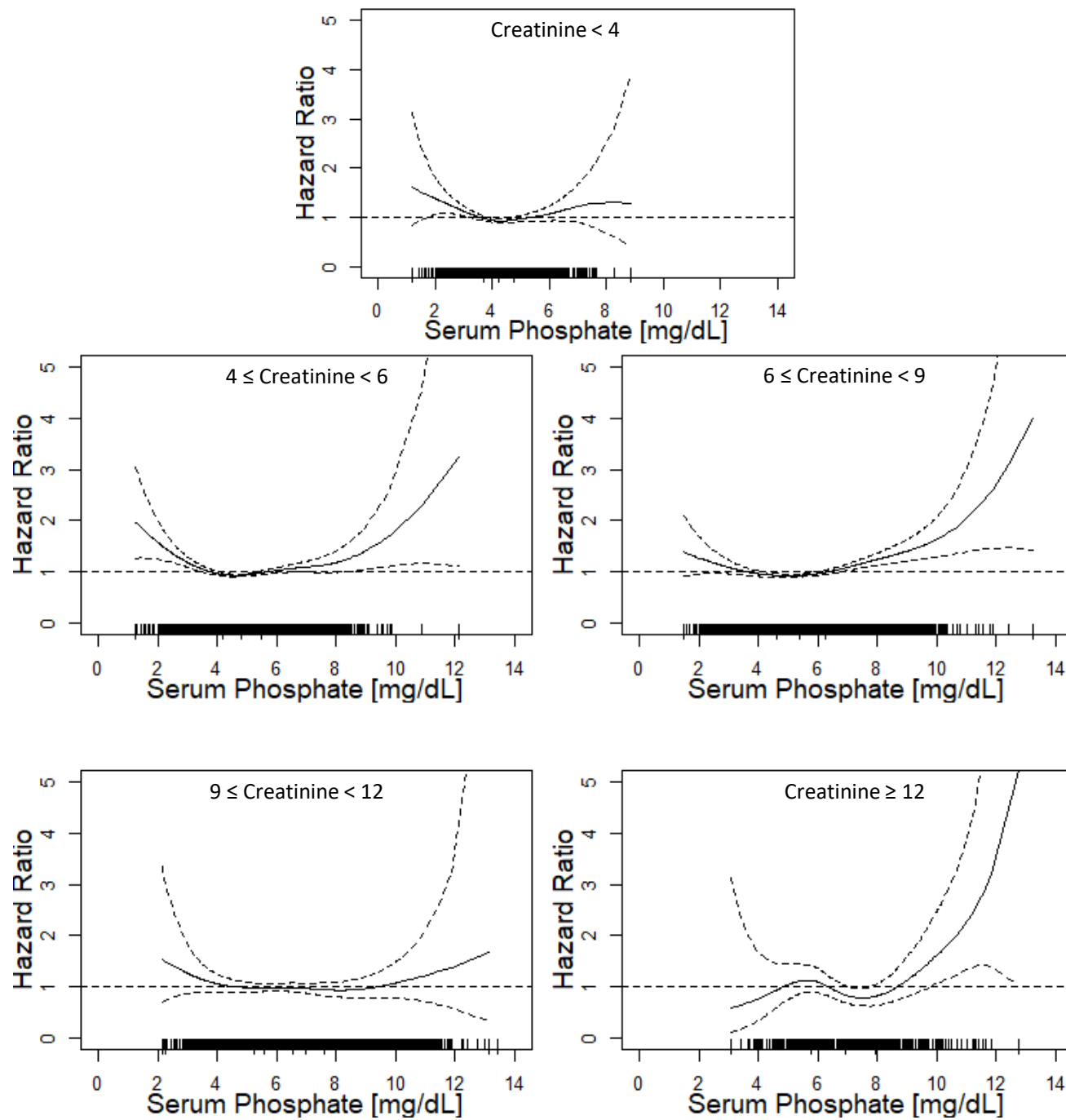
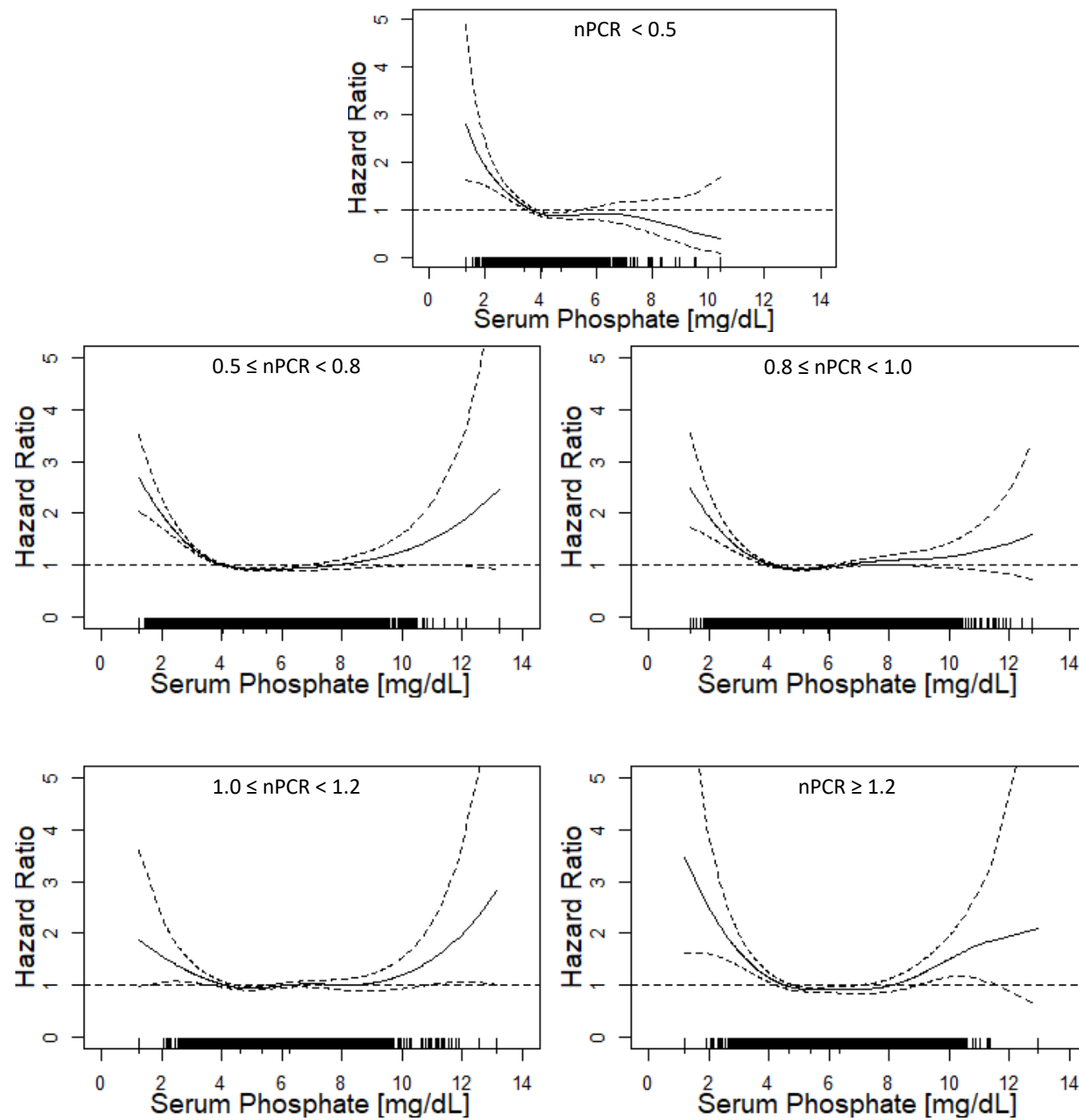**Supplemental figure 1 B**

Supplemental figure 2 A
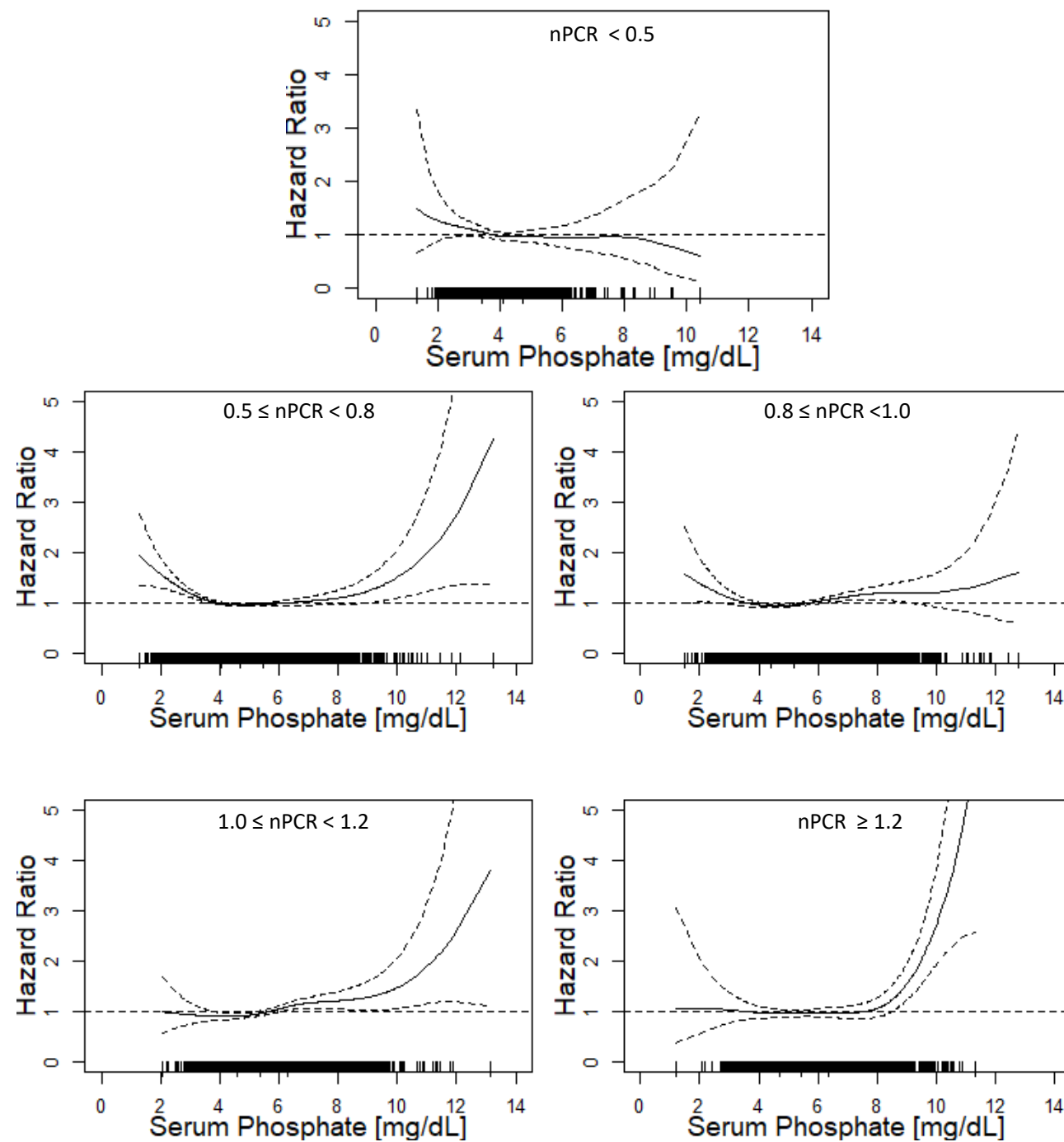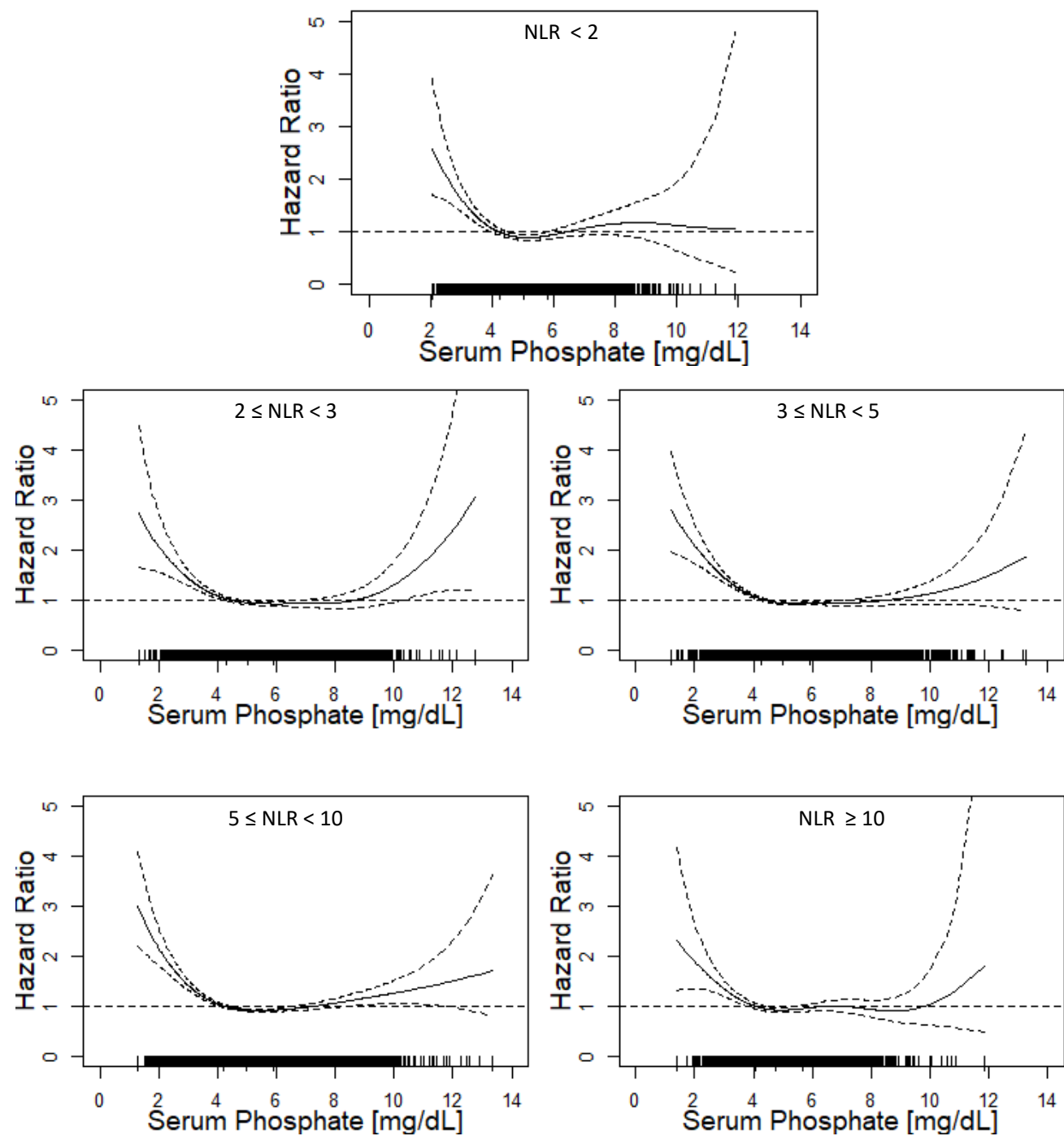
Supplemental figure 2 B

Supplemental figure 3 A

Supplemental figure 3 B

Supplemental figure 4 A

Supplemental figure 4 B