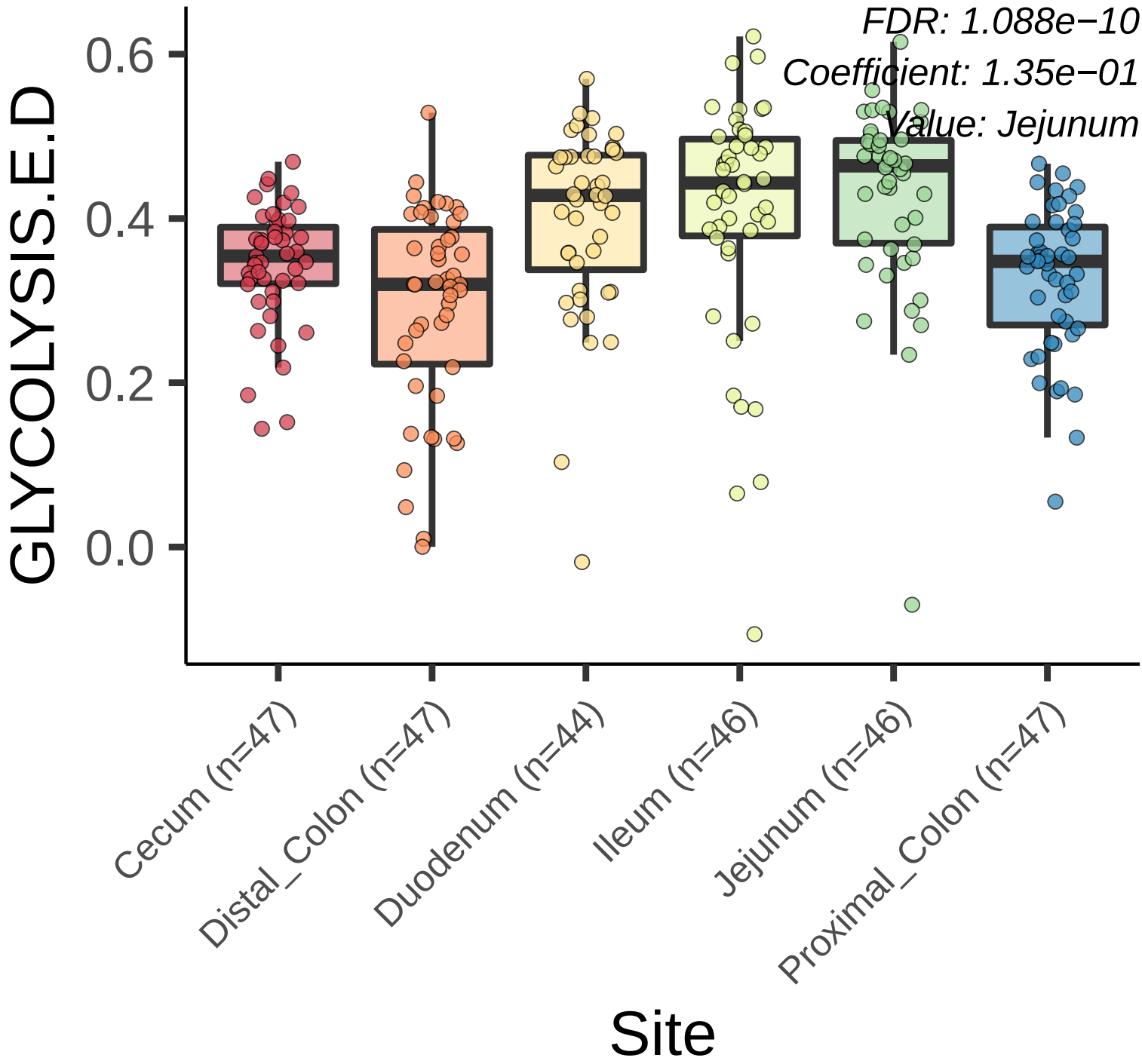
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0.4
0.2
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Cecum (n=47)
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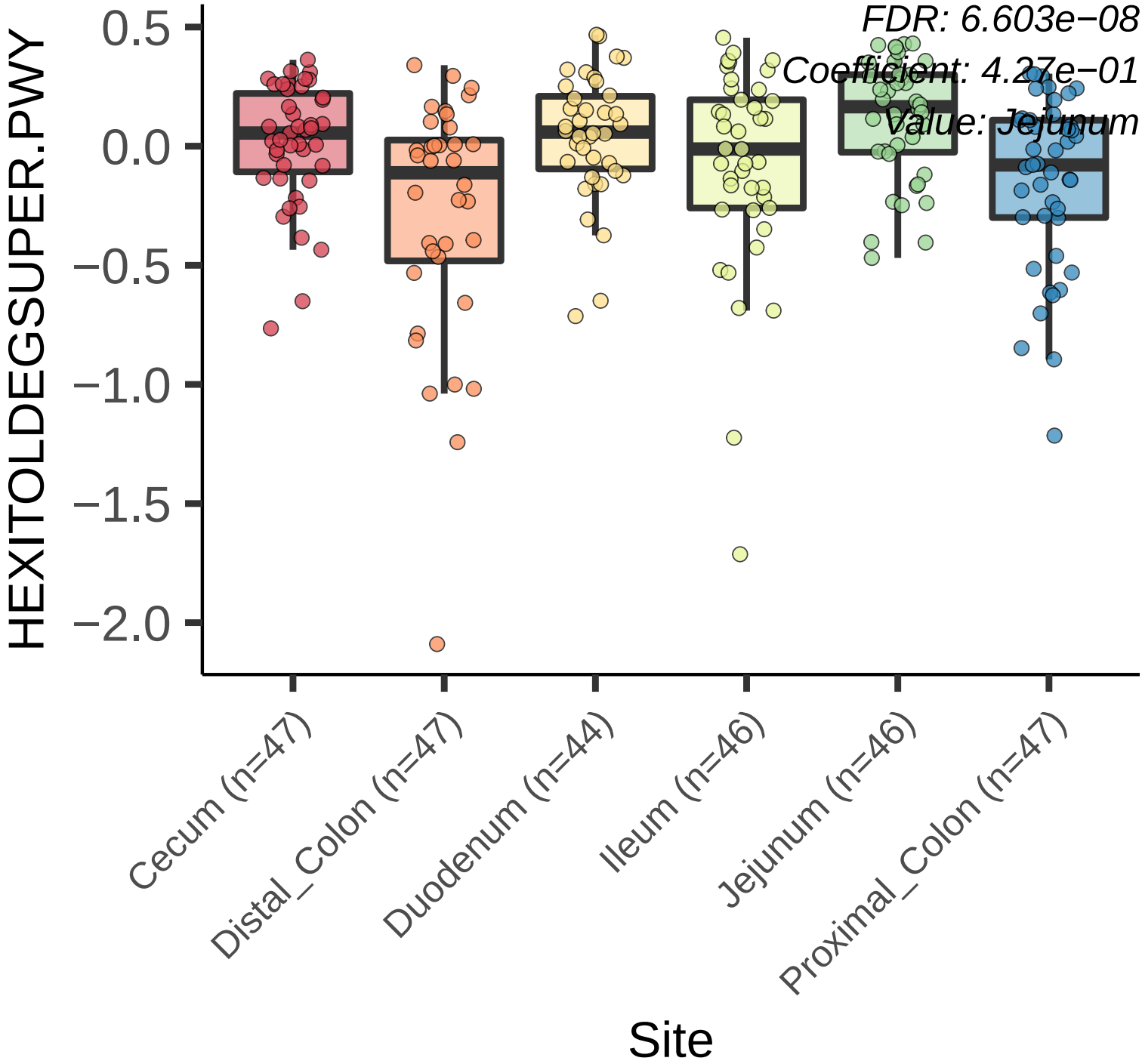
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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HEXITOLDEGSUPER.PWY
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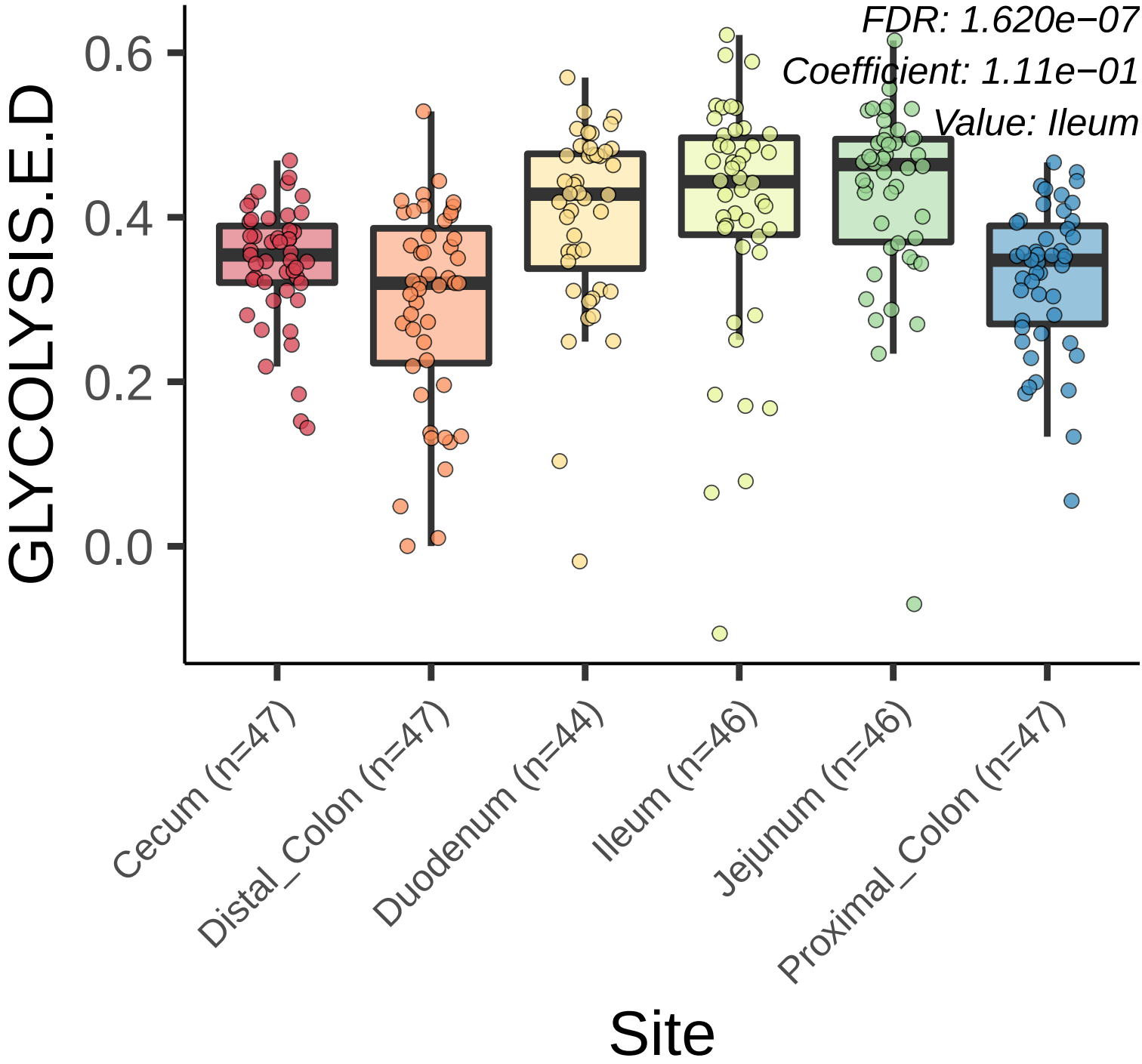
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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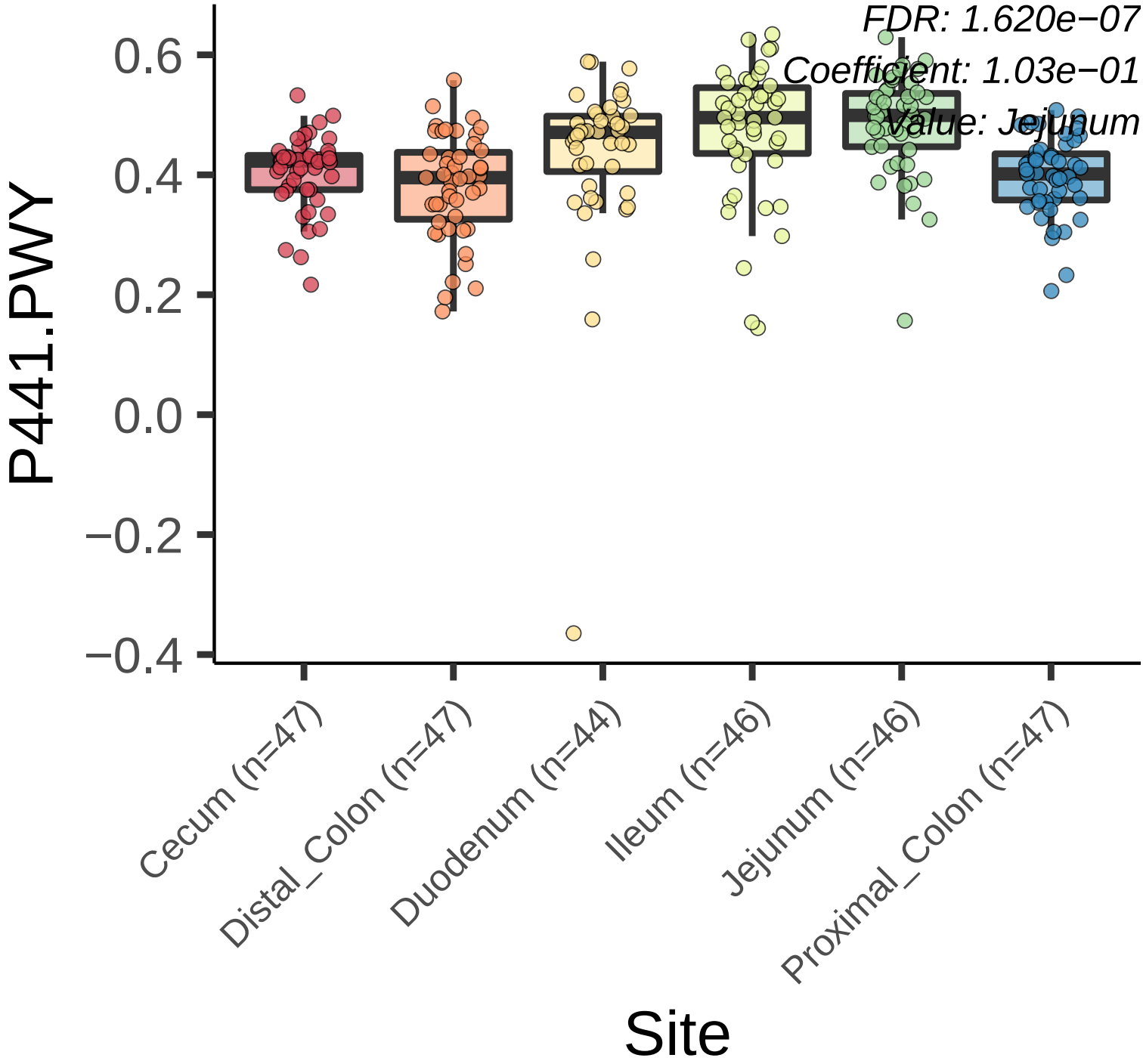
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.03e−01
Value: Jejunum
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0.2
0.0
−0.2
−0.4
Cecum (n=47)
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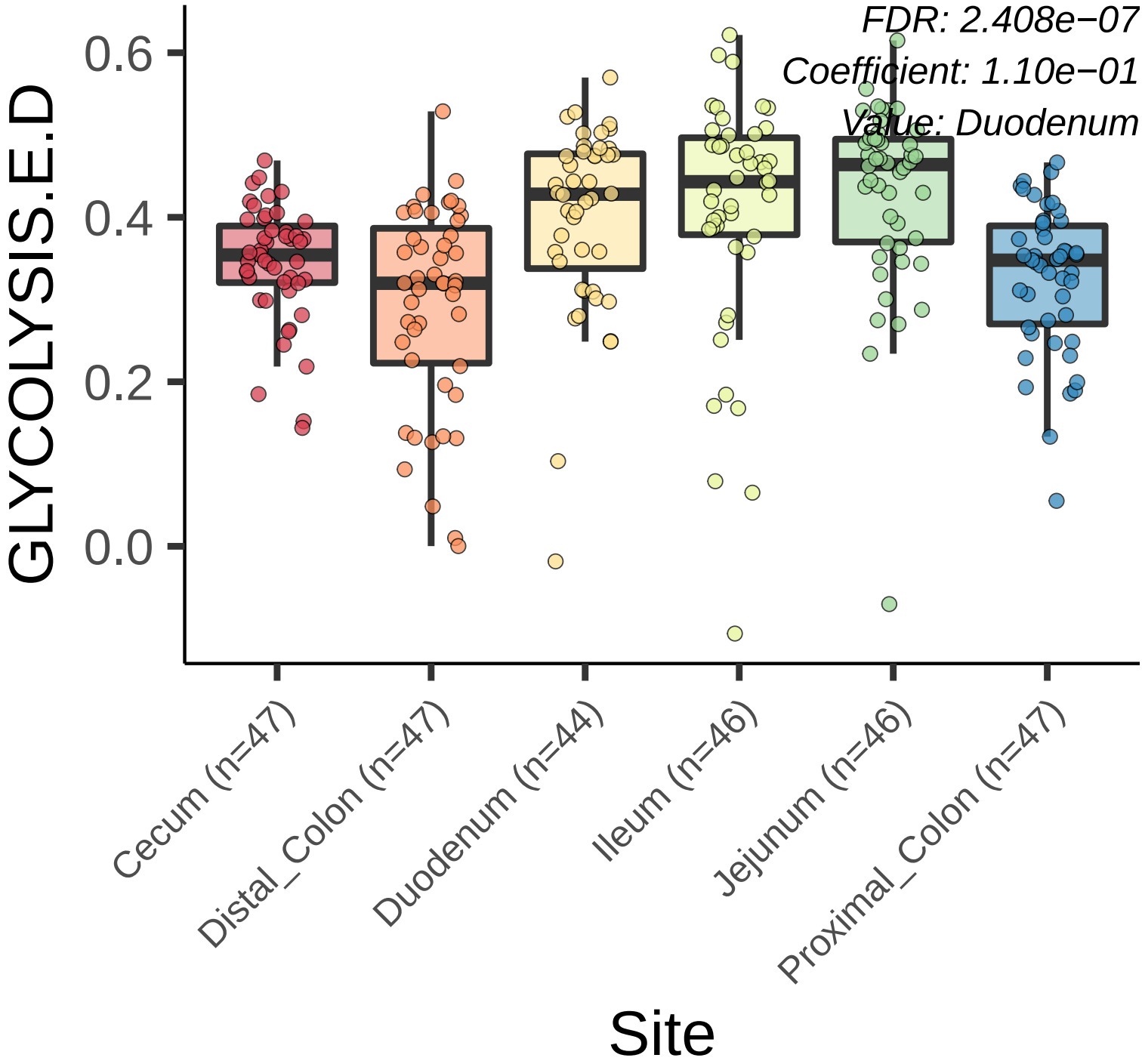
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
0.2
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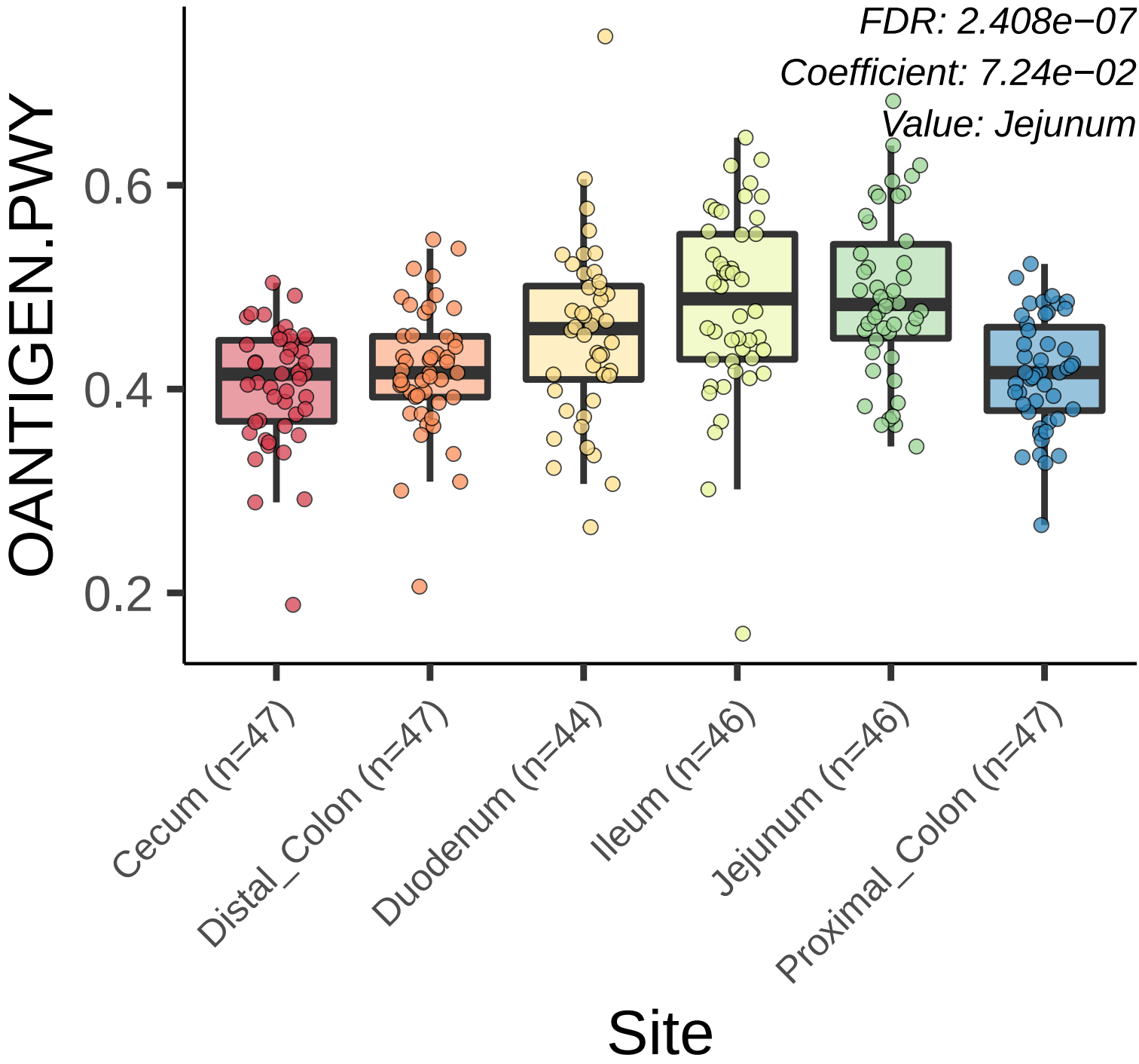
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
0.2
Cecum (n=47)
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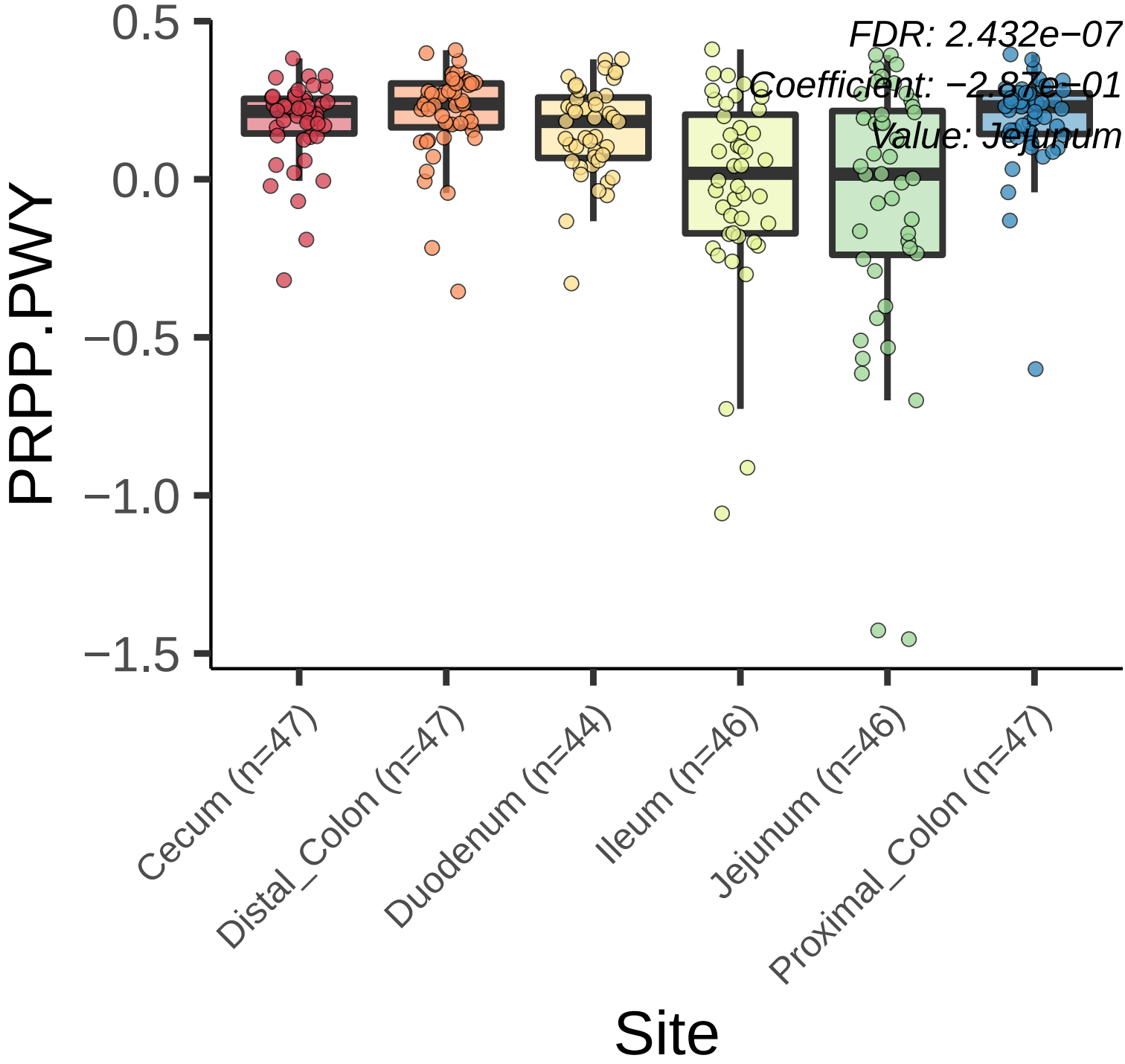
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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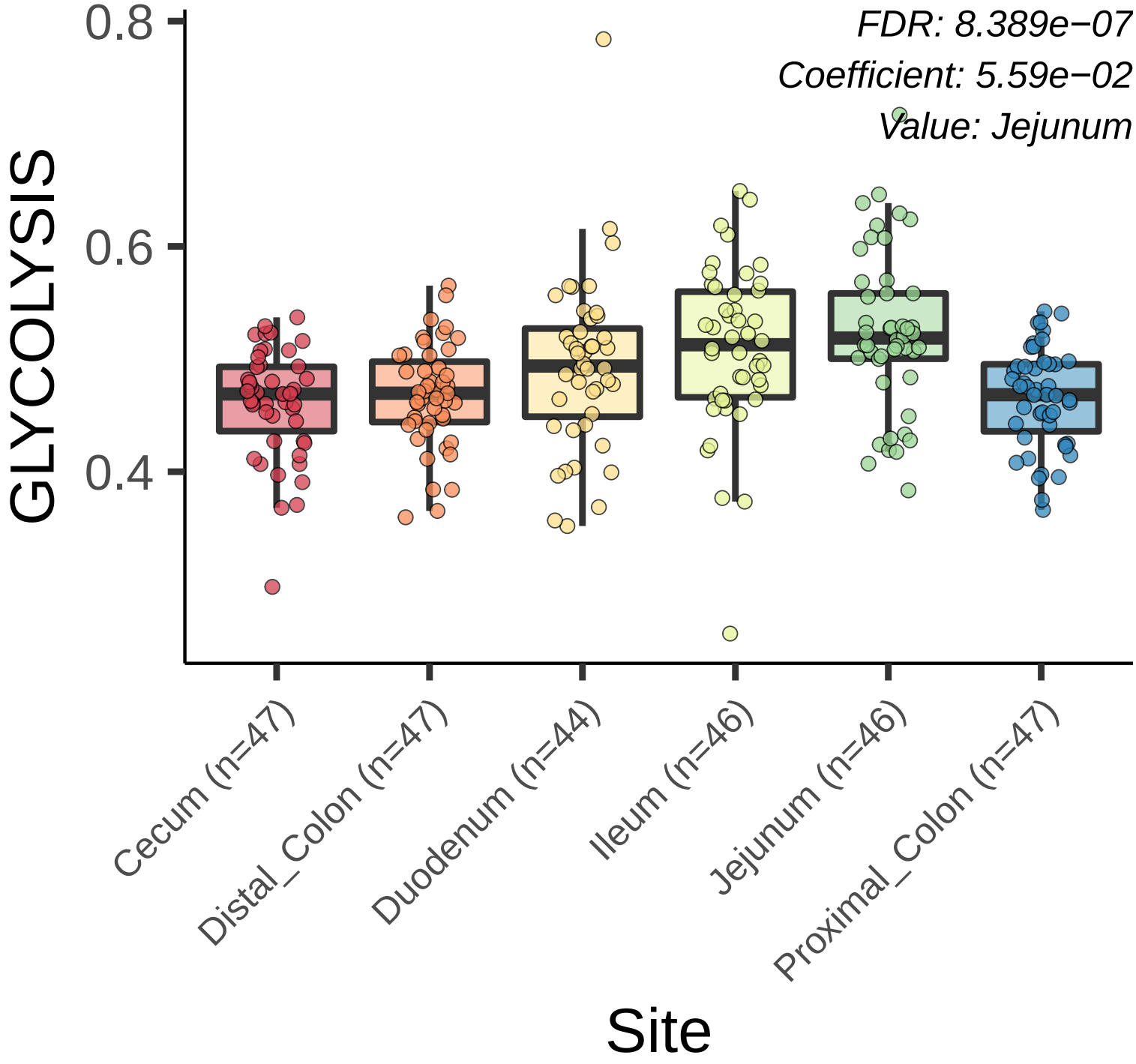
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.6
0.4
Cecum (n=47)
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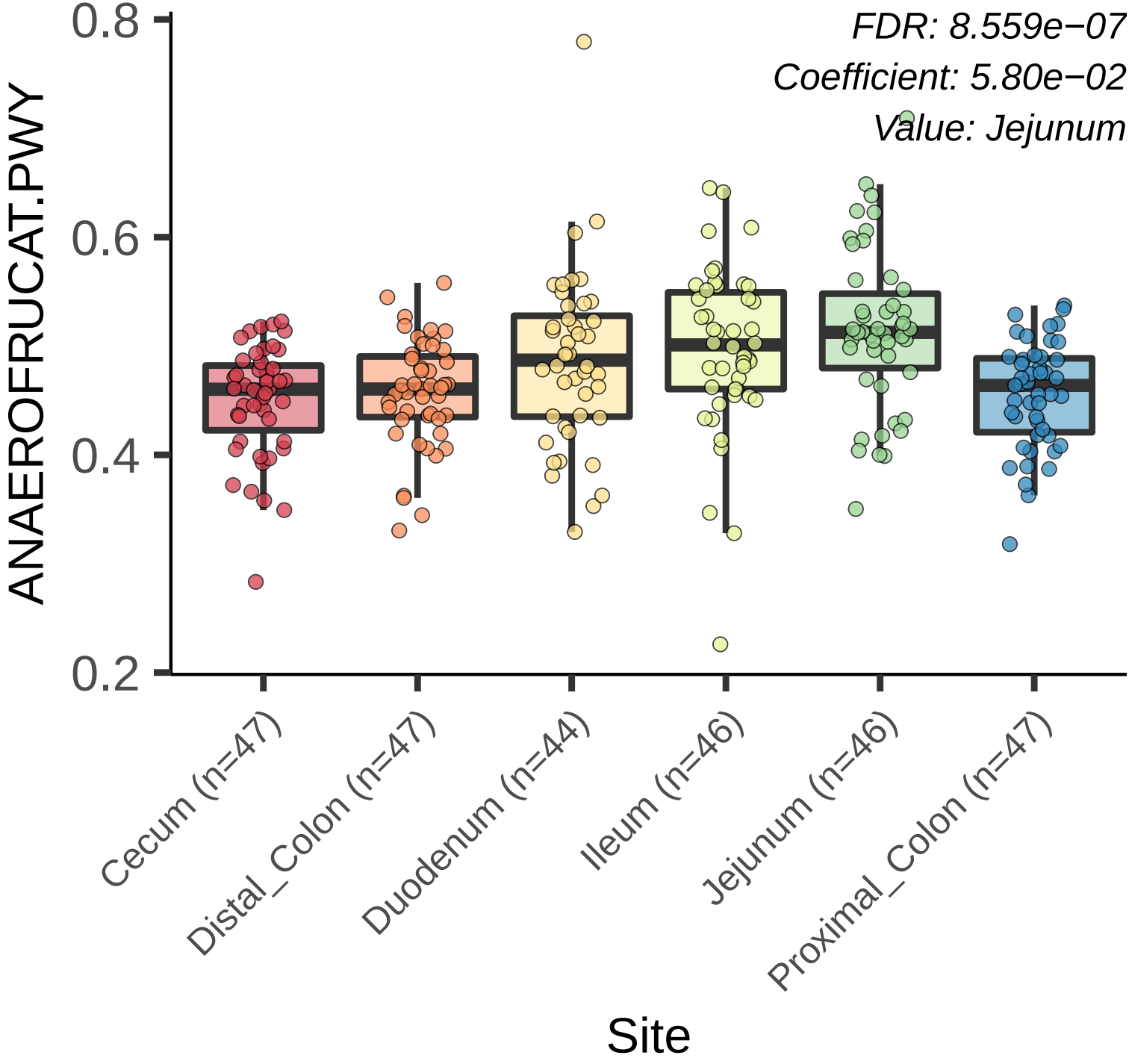
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.6
0.4
0.2
Cecum (n=47)
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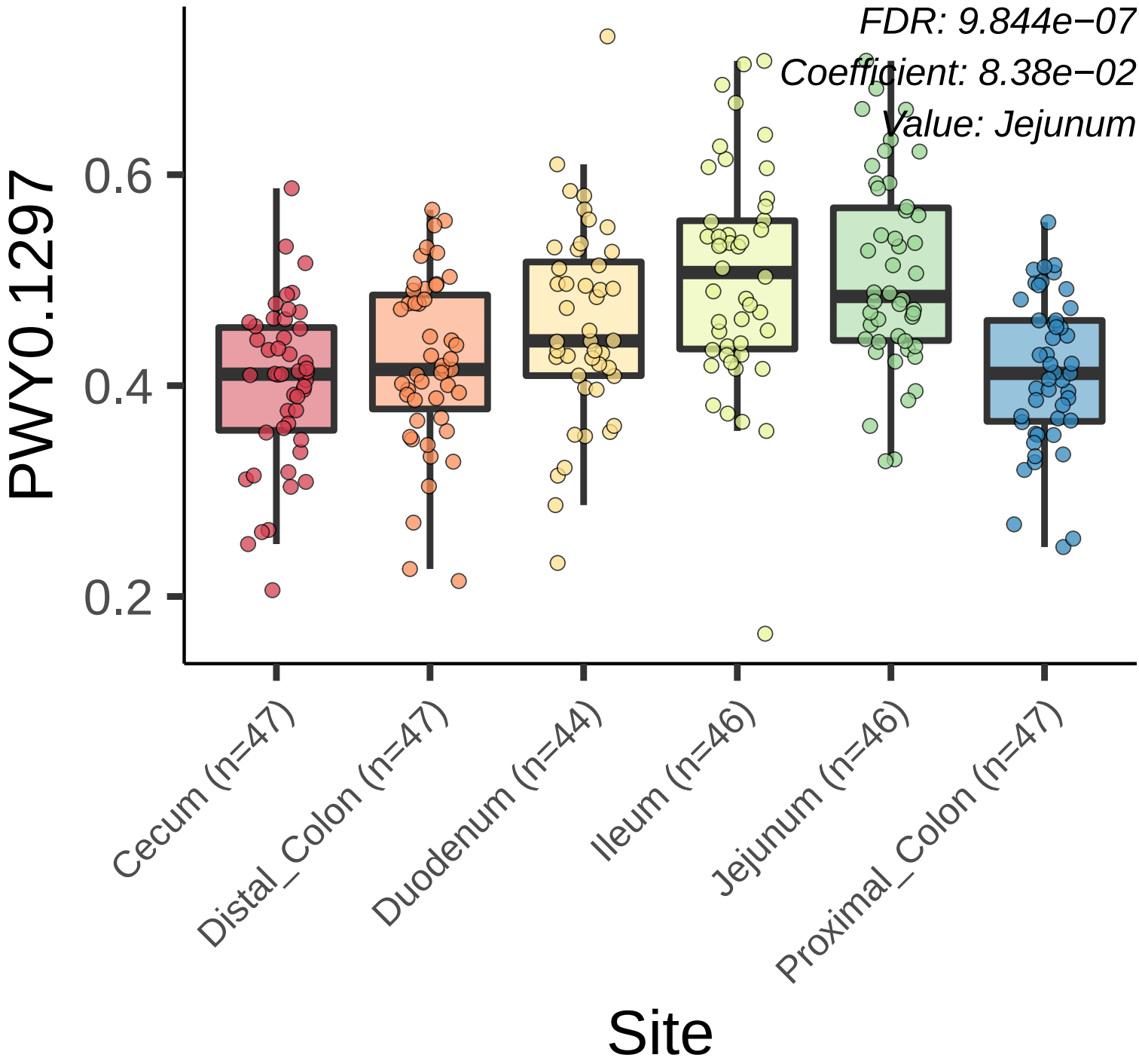
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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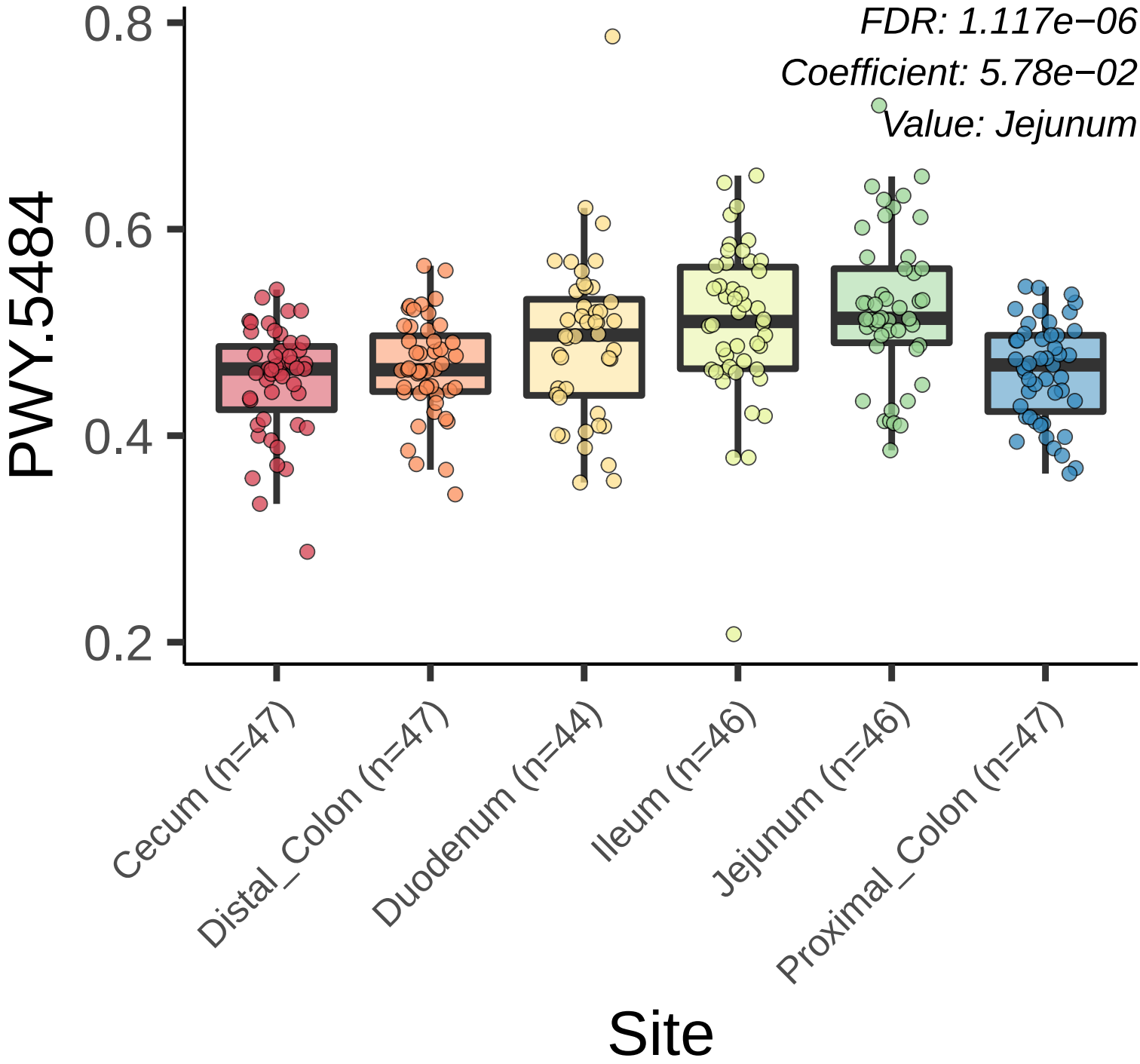
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
0.2
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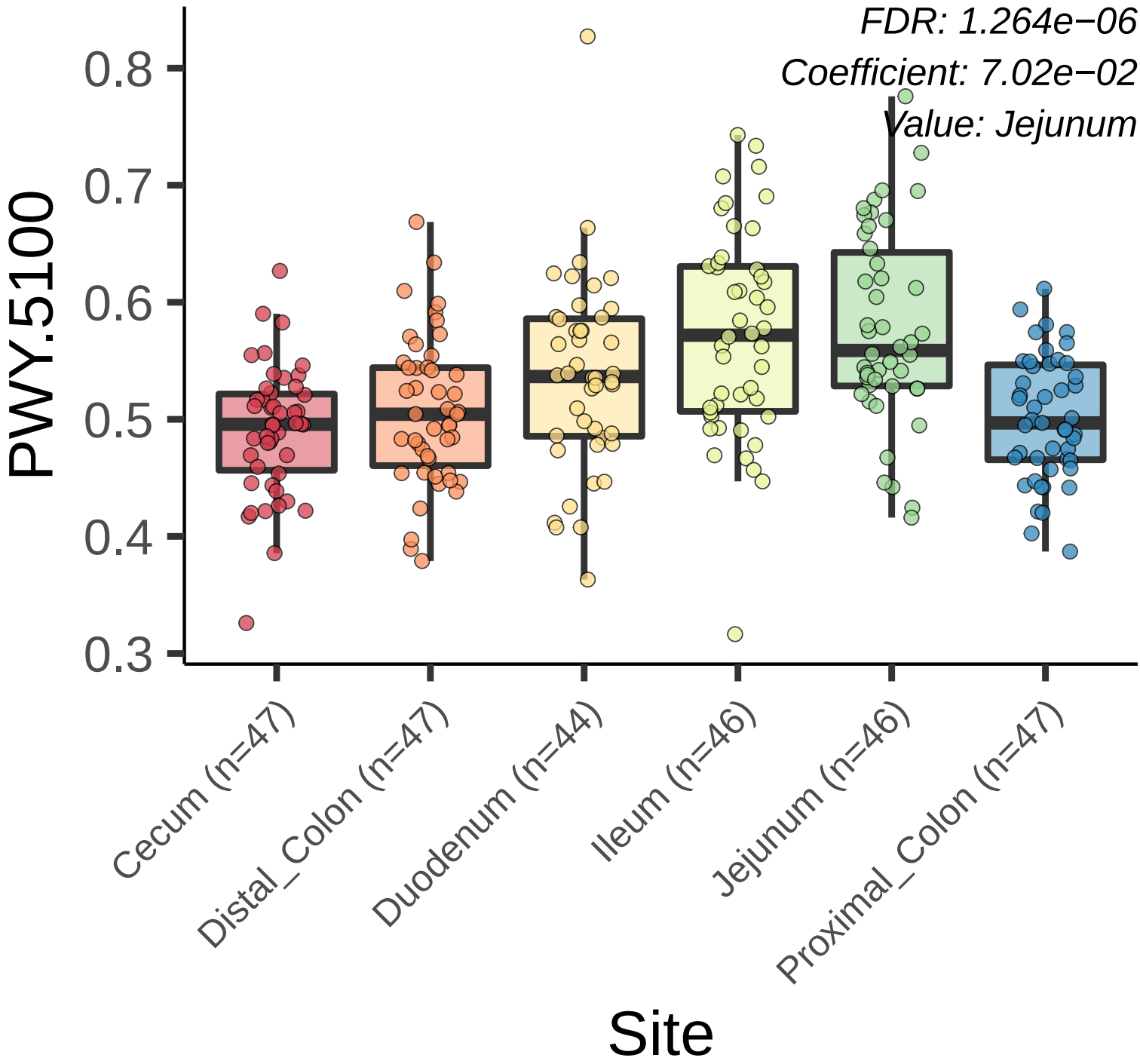
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.02e−02
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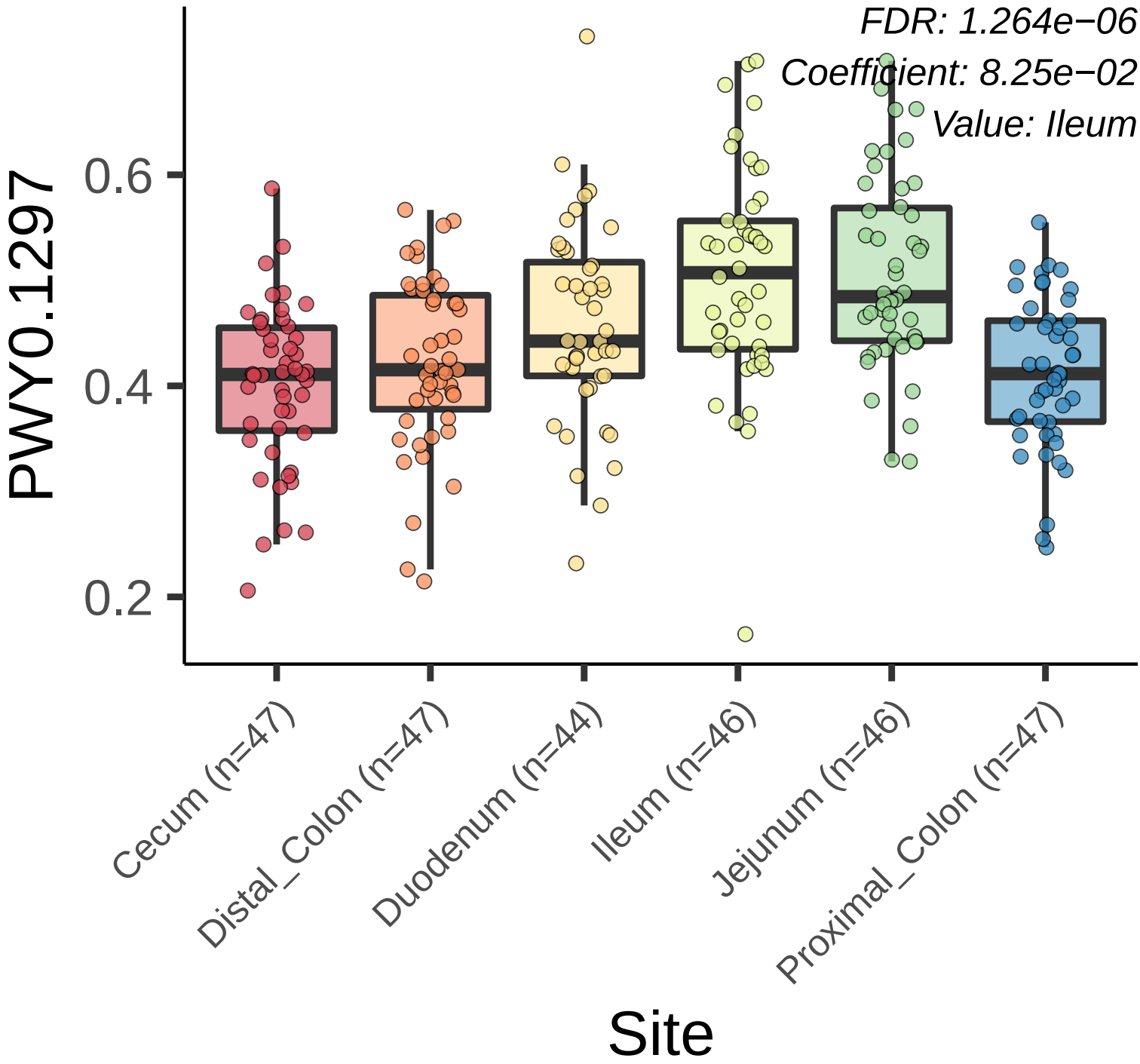
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 8.25e−02
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0.4
0.2
Cecum (n=47)
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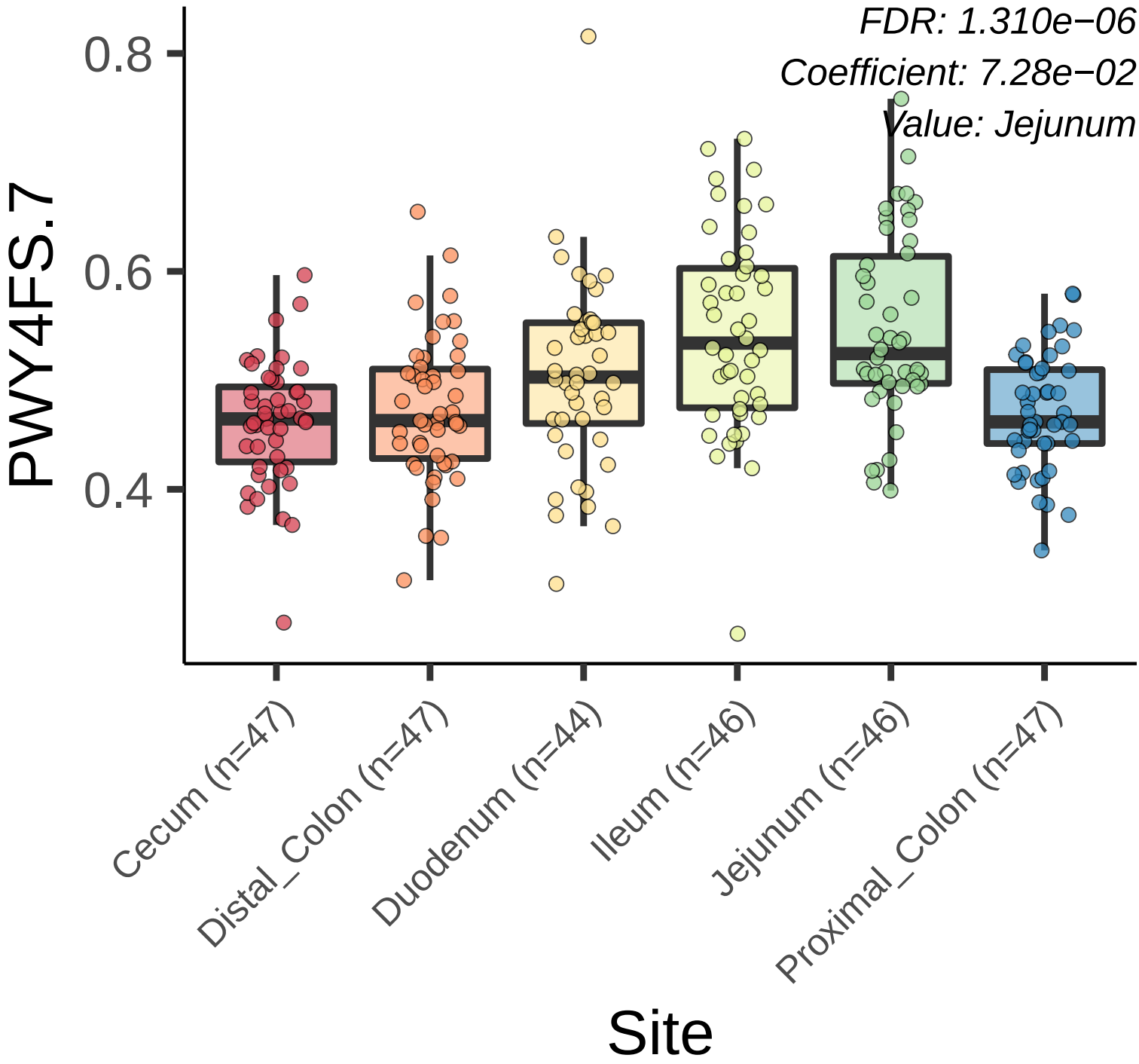
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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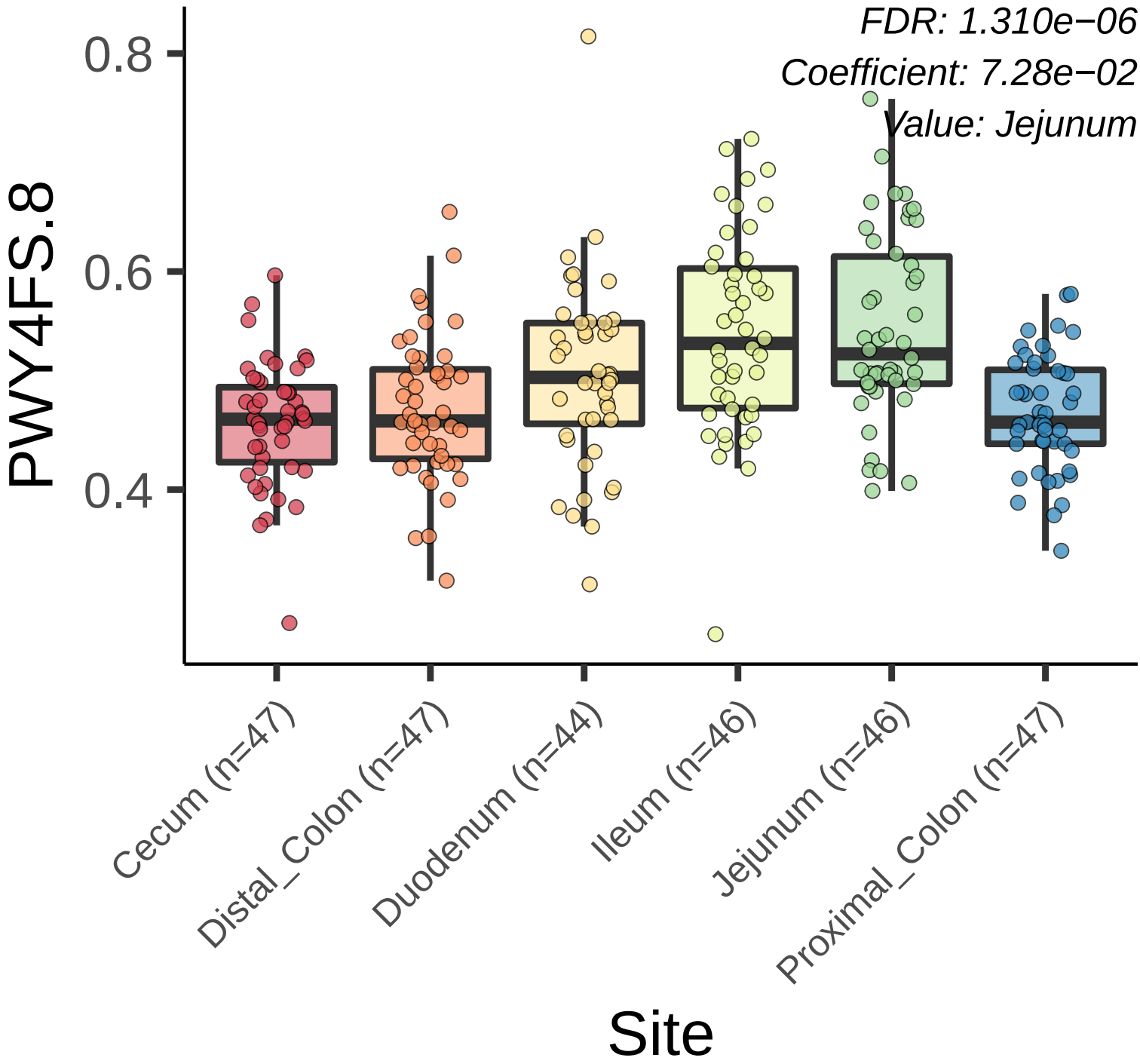
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.28e−02
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0.6
0.4
Cecum (n=47)
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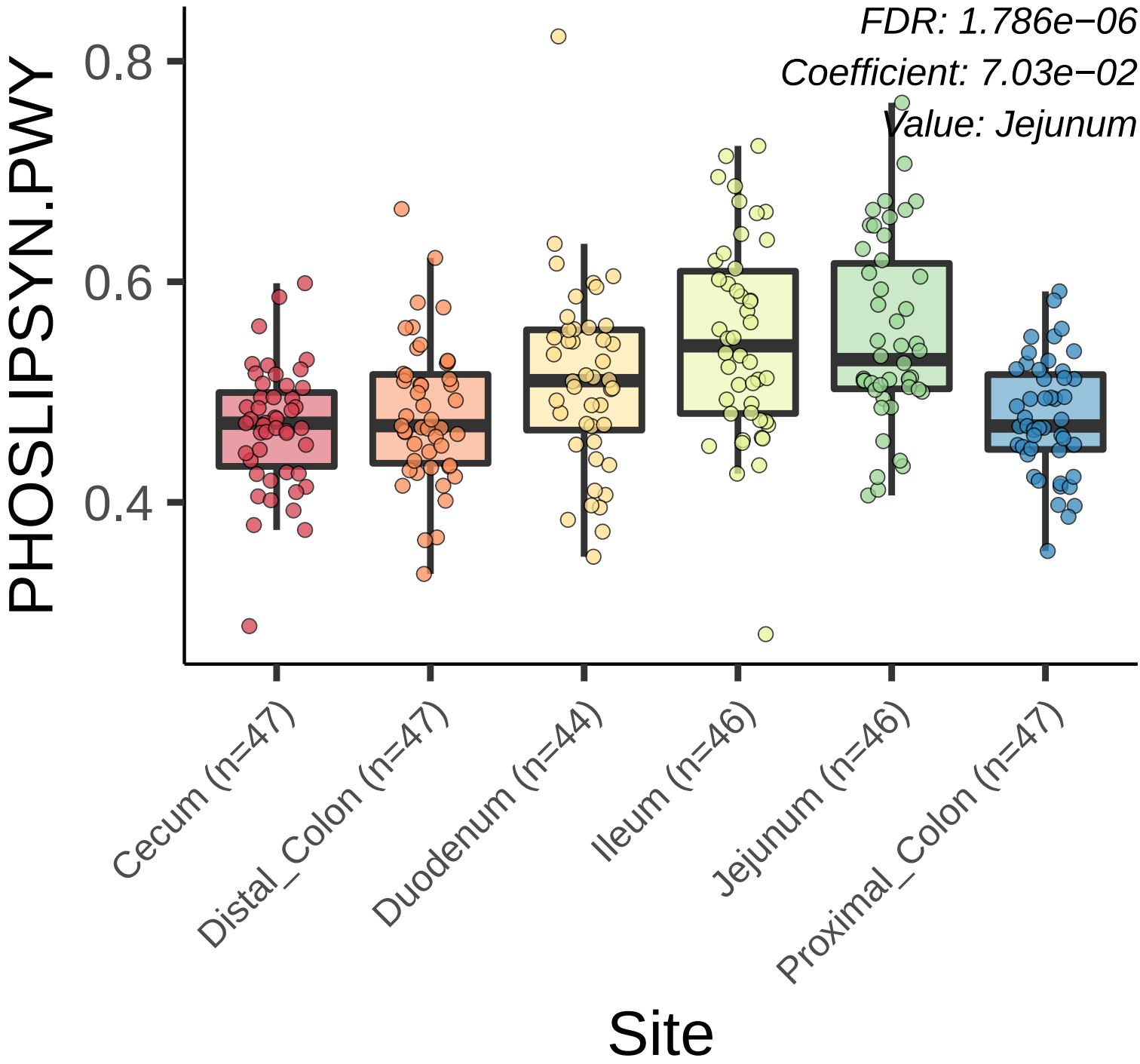
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.6
0.4
Cecum (n=47)
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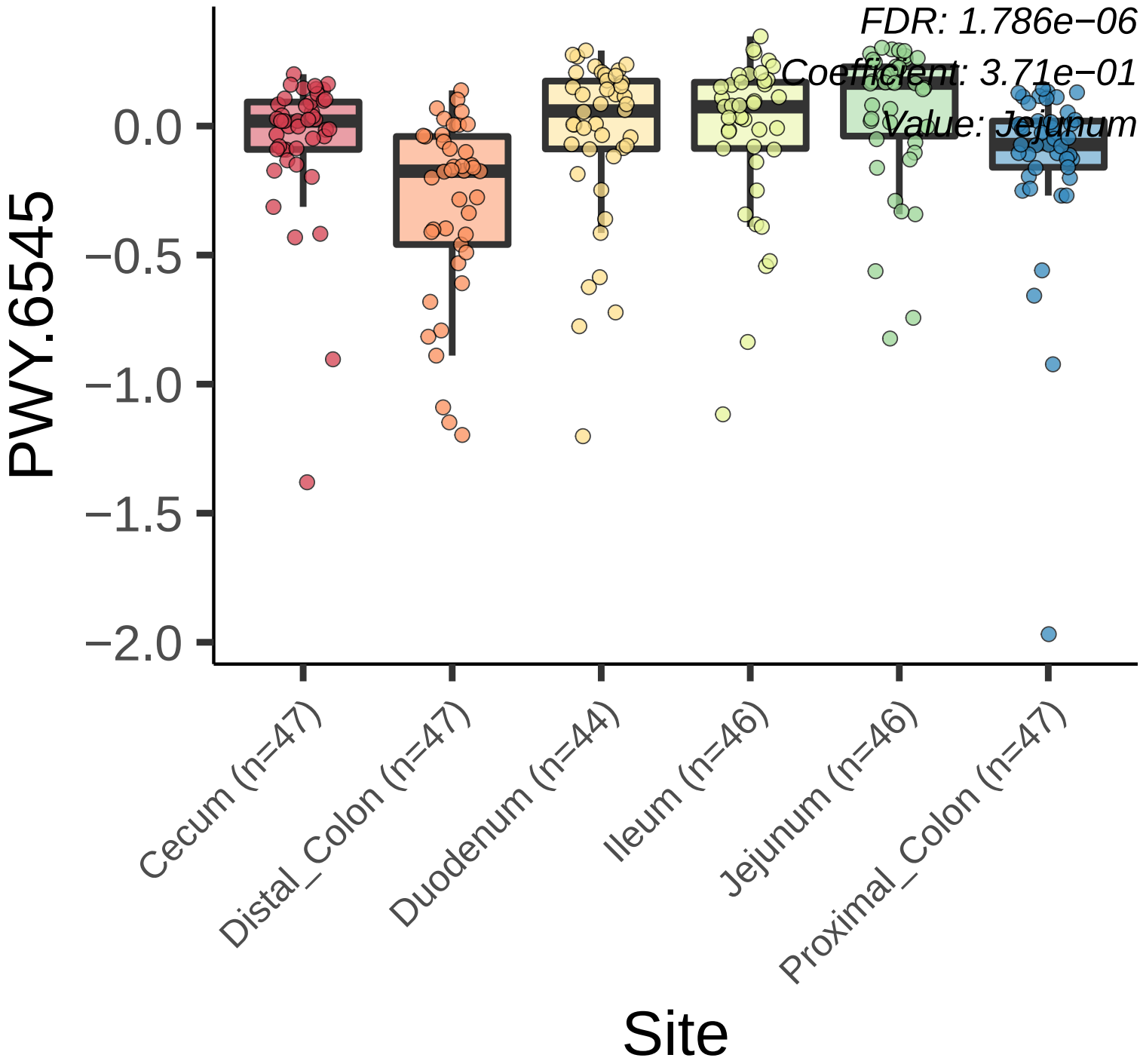
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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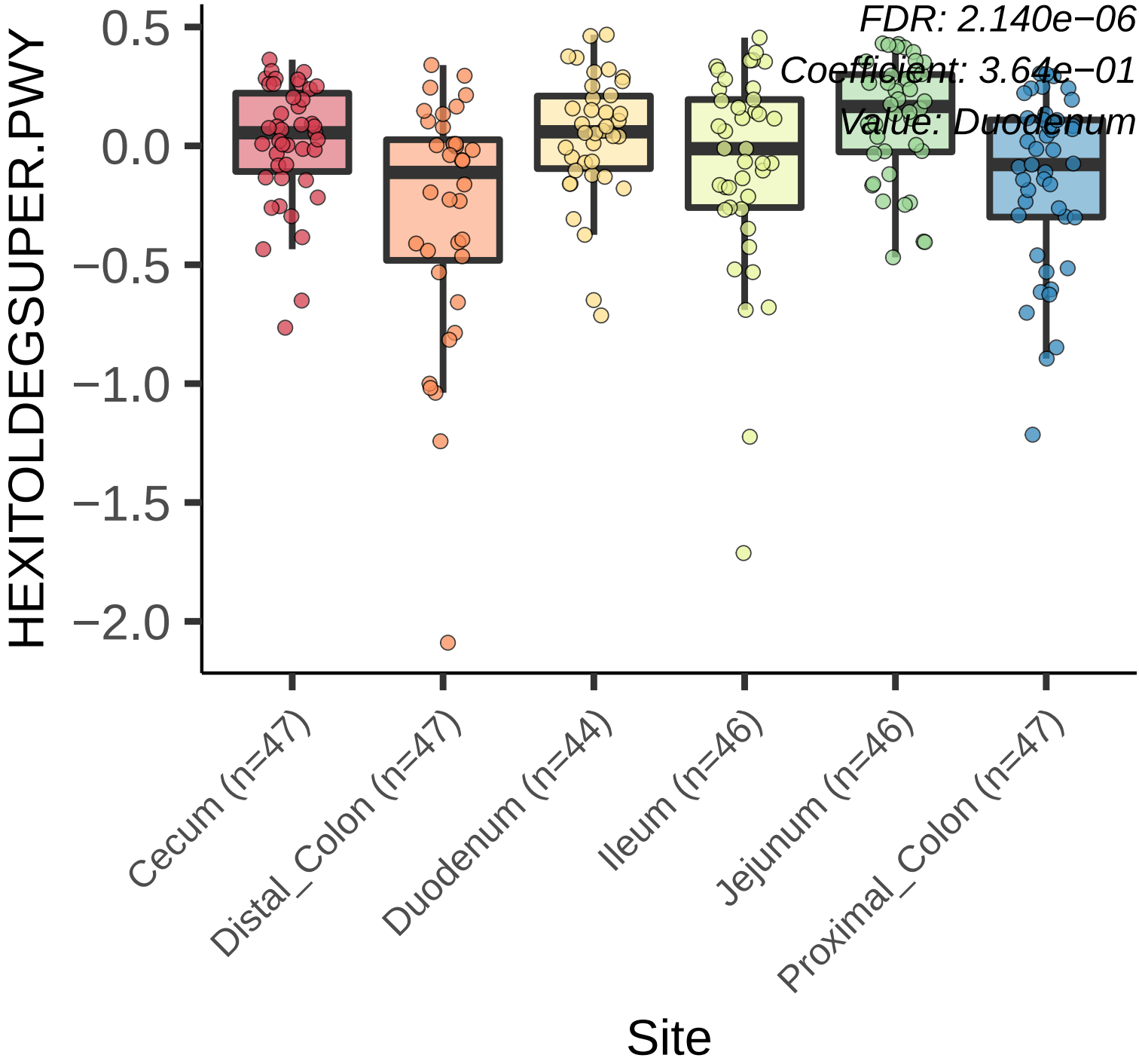
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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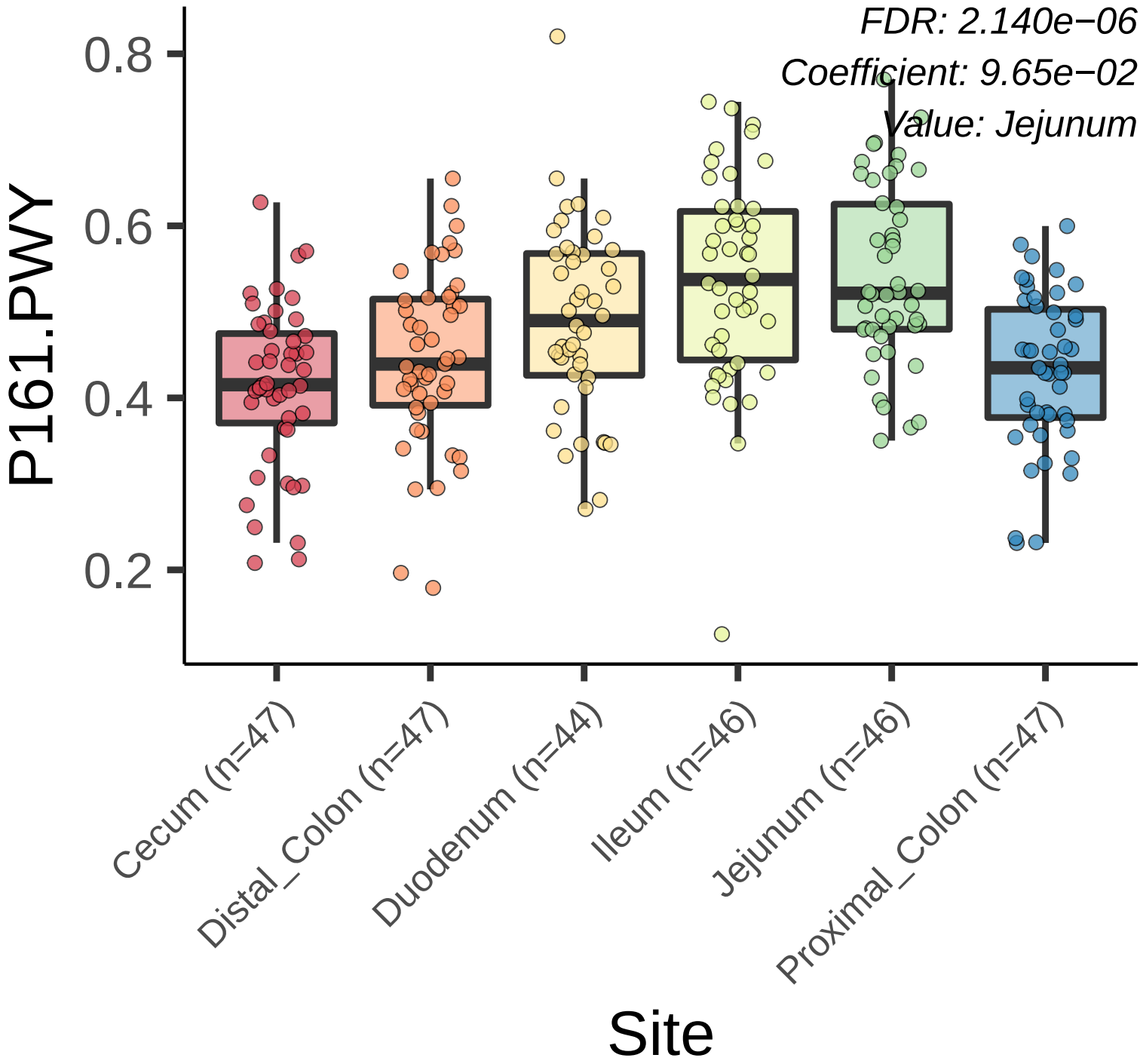
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 9.65e−02
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P161.PWY
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0.4
0.2
Cecum (n=47)
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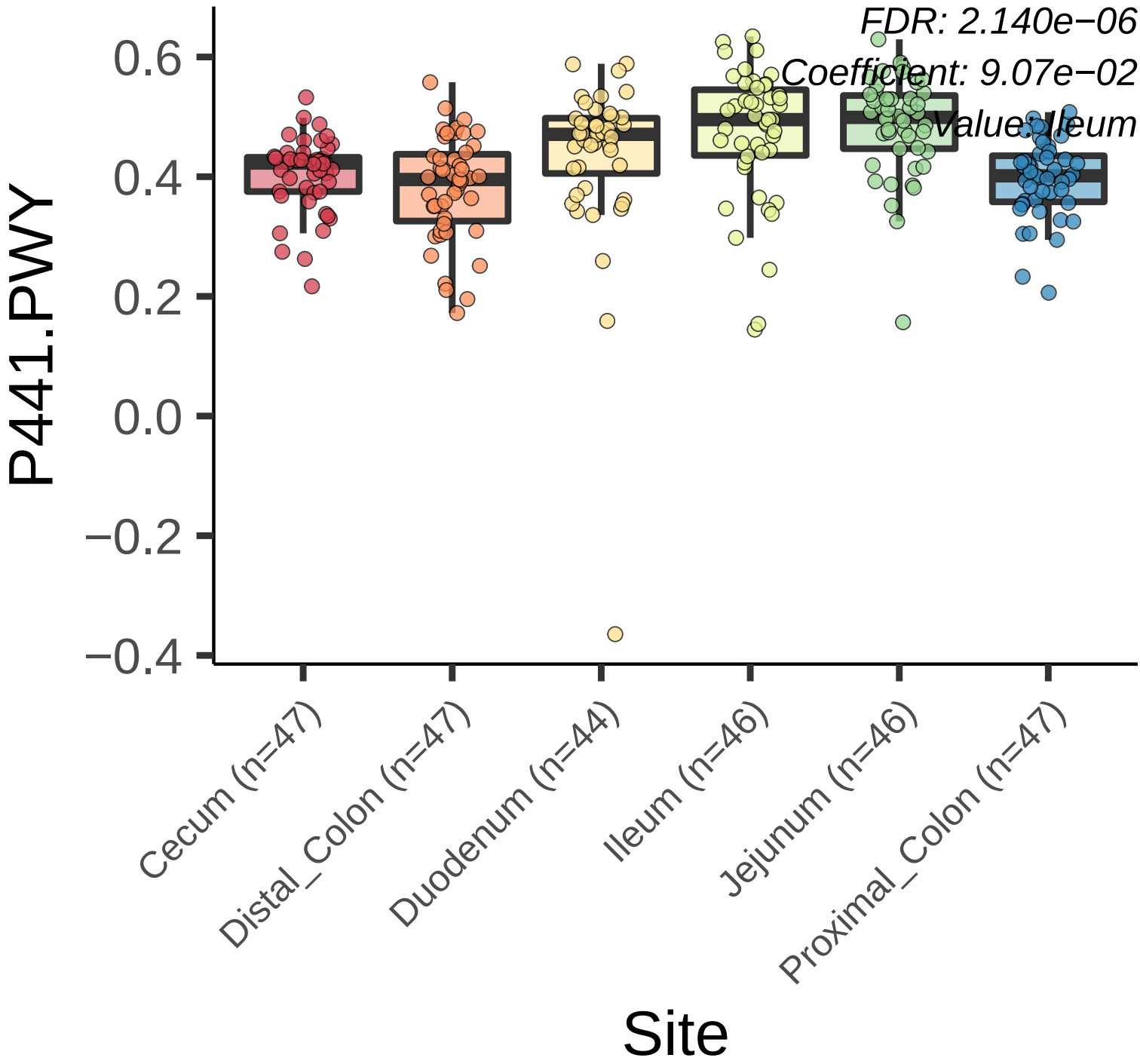
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−0.4
Cecum (n=47)
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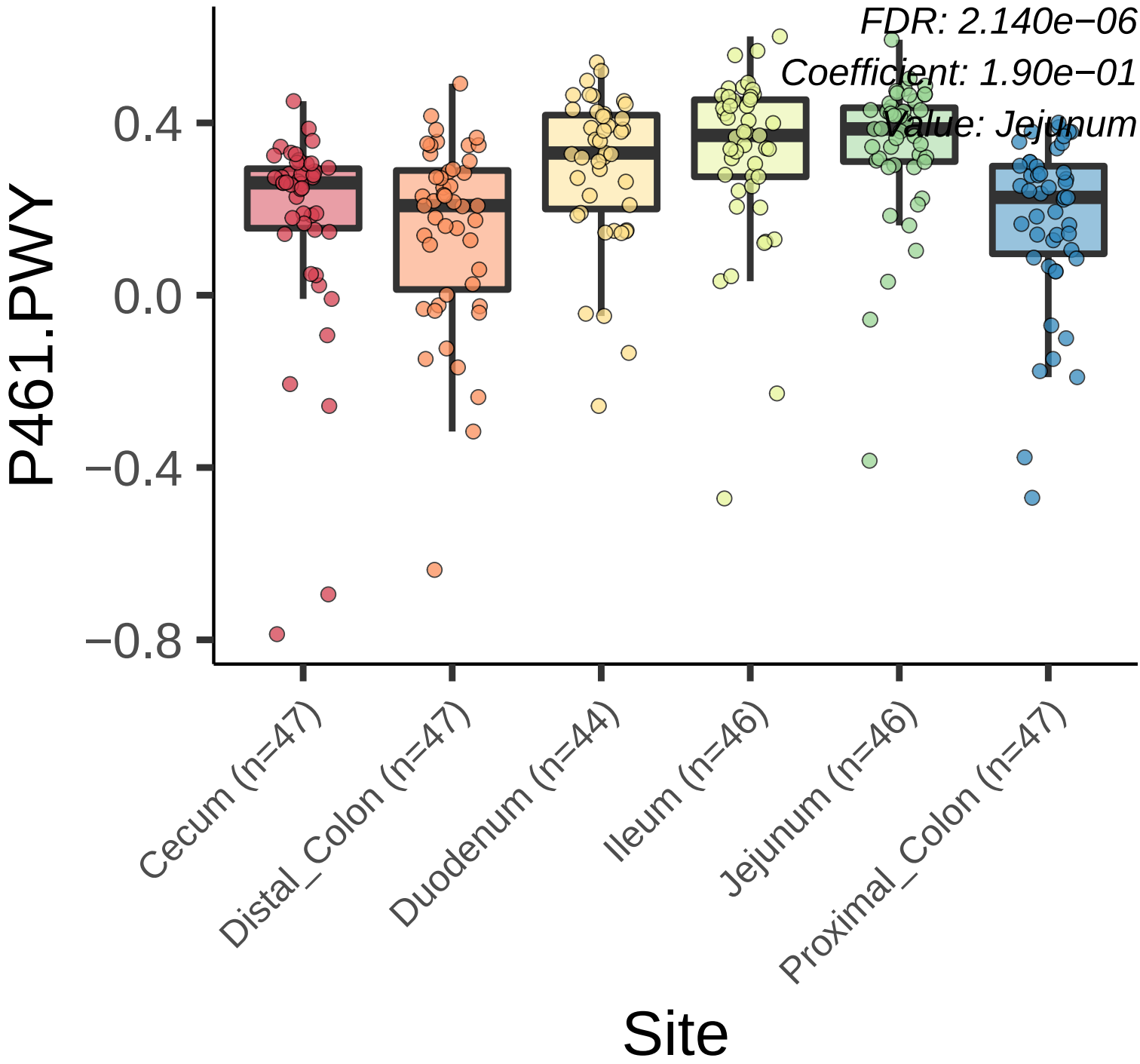
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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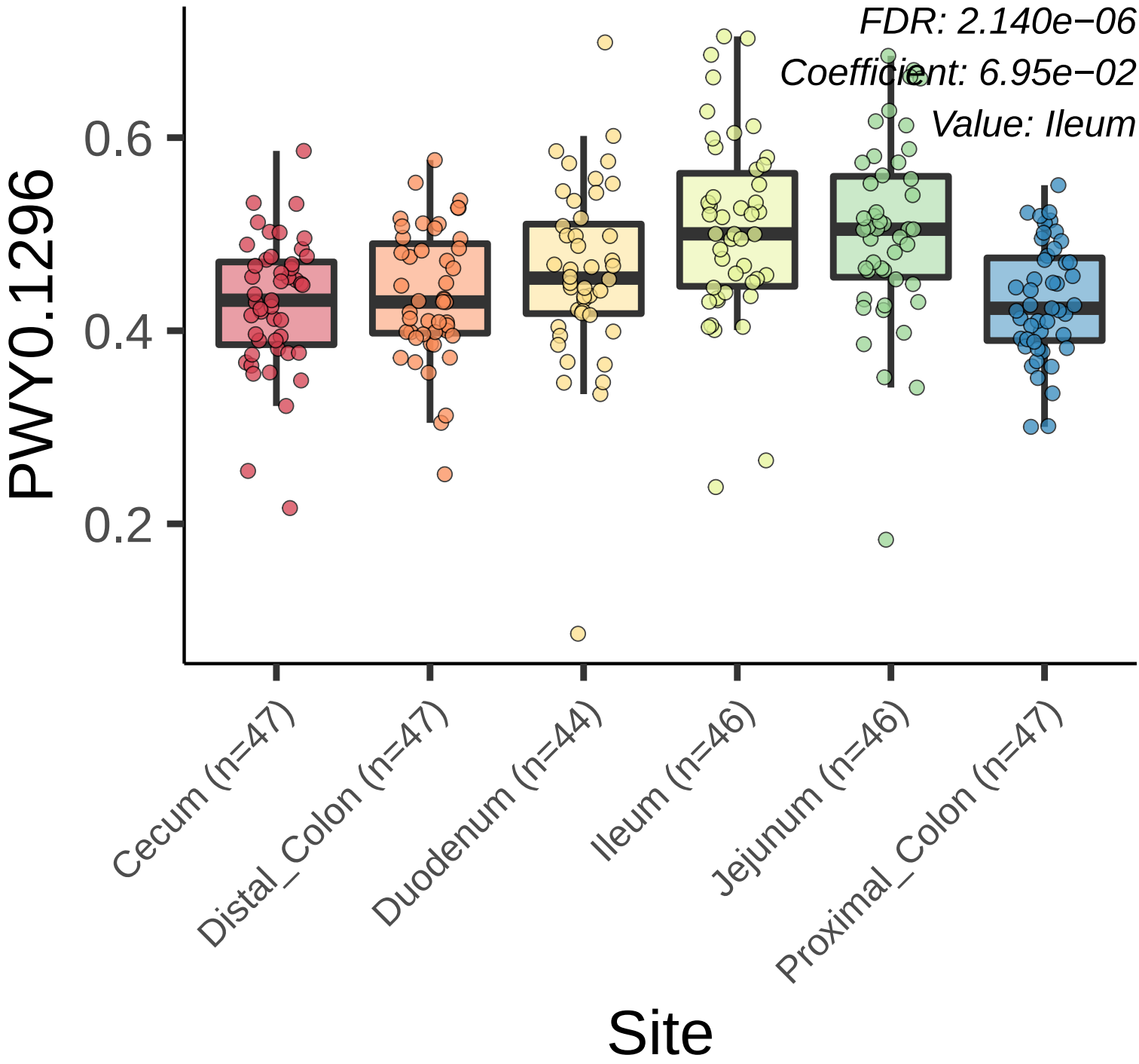
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 6.95e−02
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Cecum (n=47)
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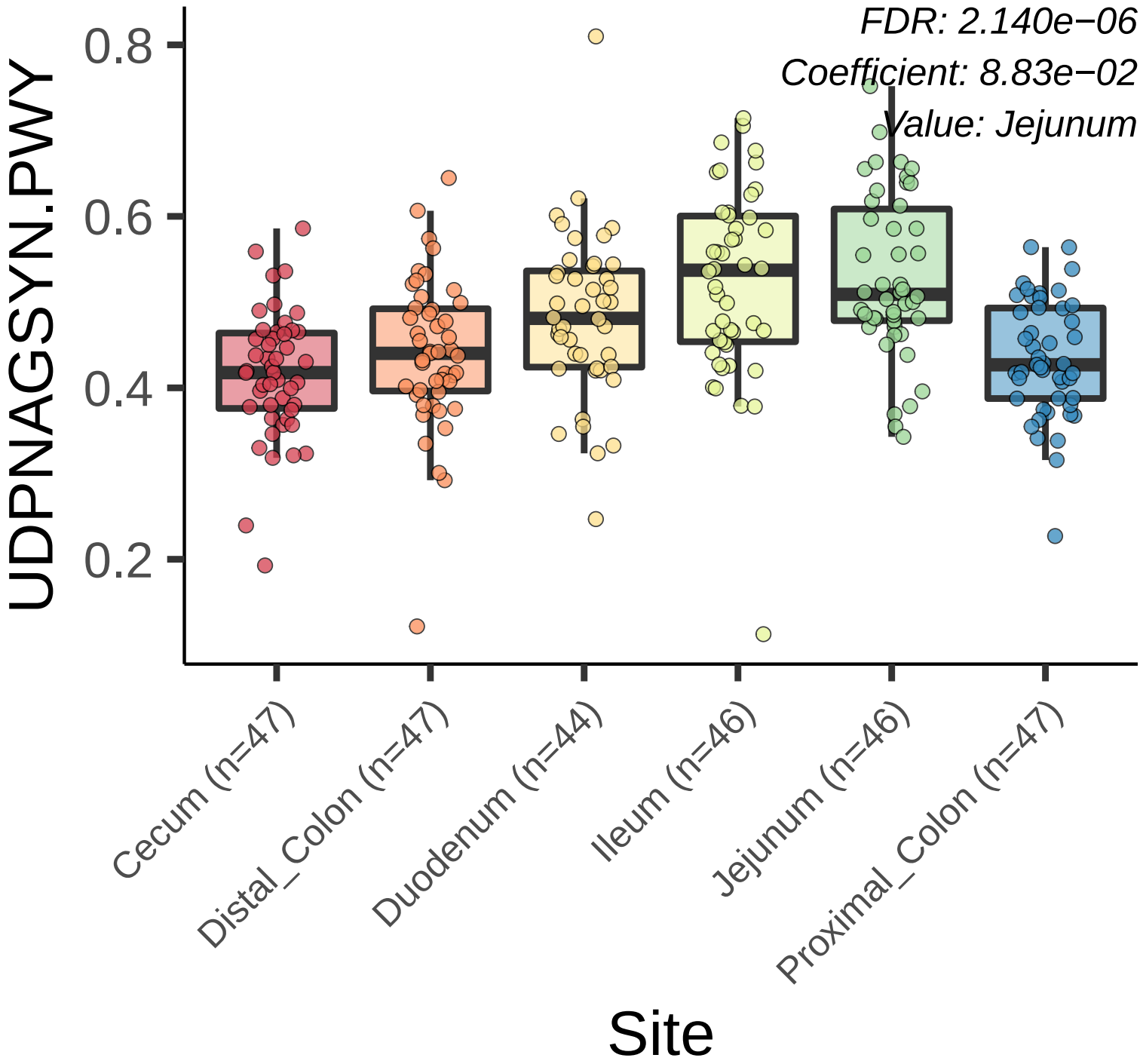
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 8.83e−02
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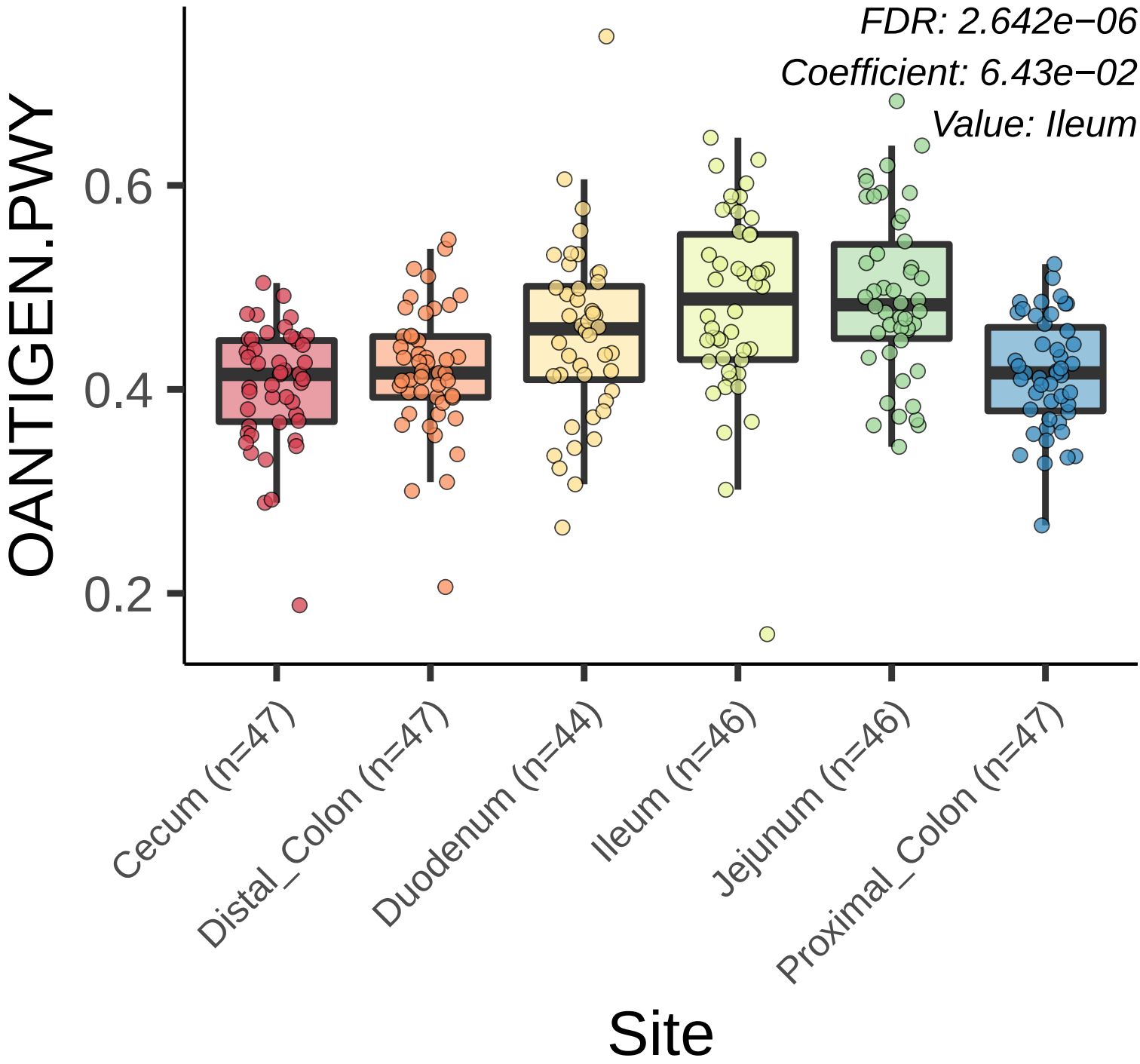
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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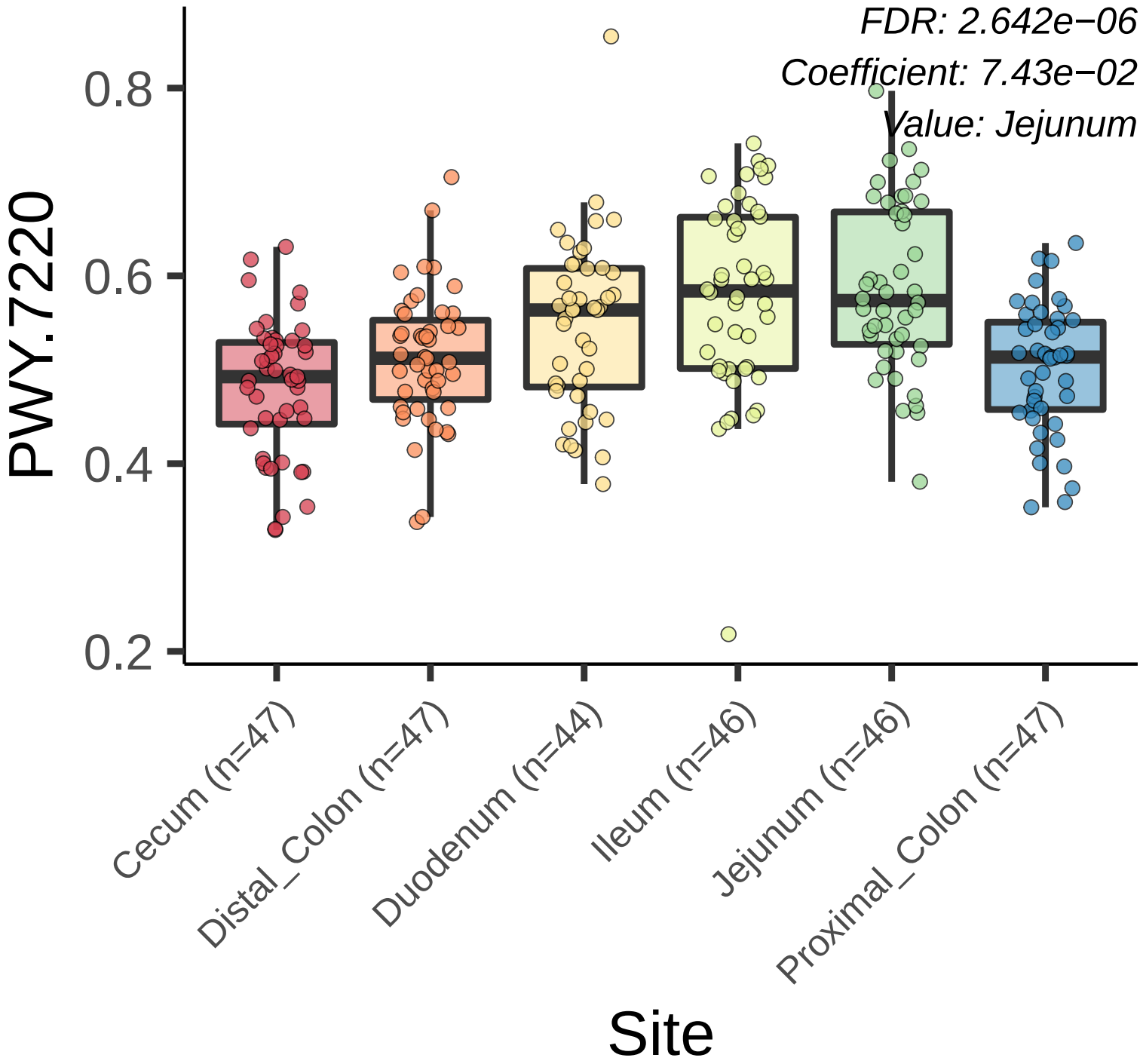
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.43e−02
Value: Jejunum
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0.4
0.2
Cecum (n=47)
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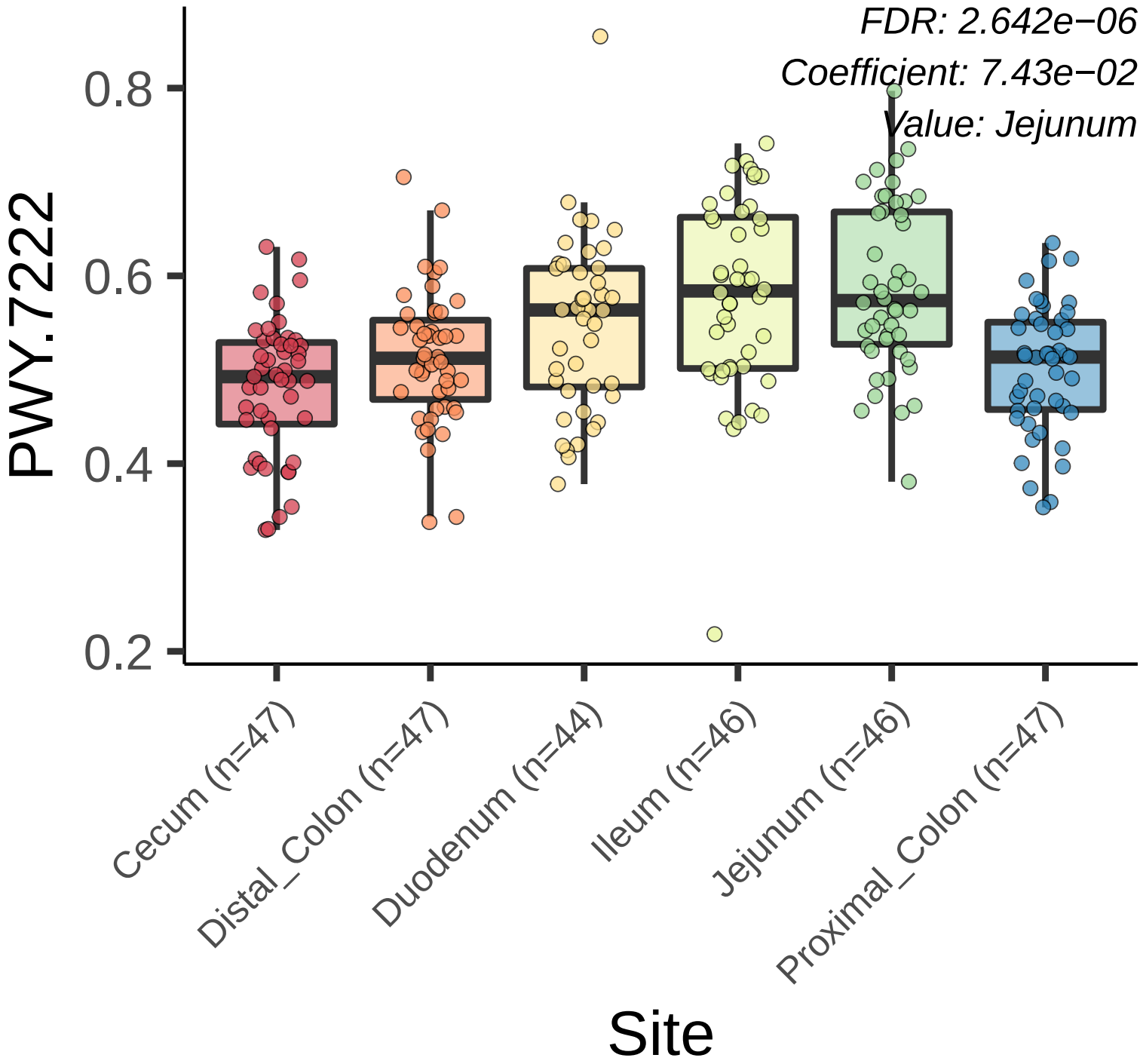
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.43e−02
Value: Jejunum
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0.4
0.2
Cecum (n=47)
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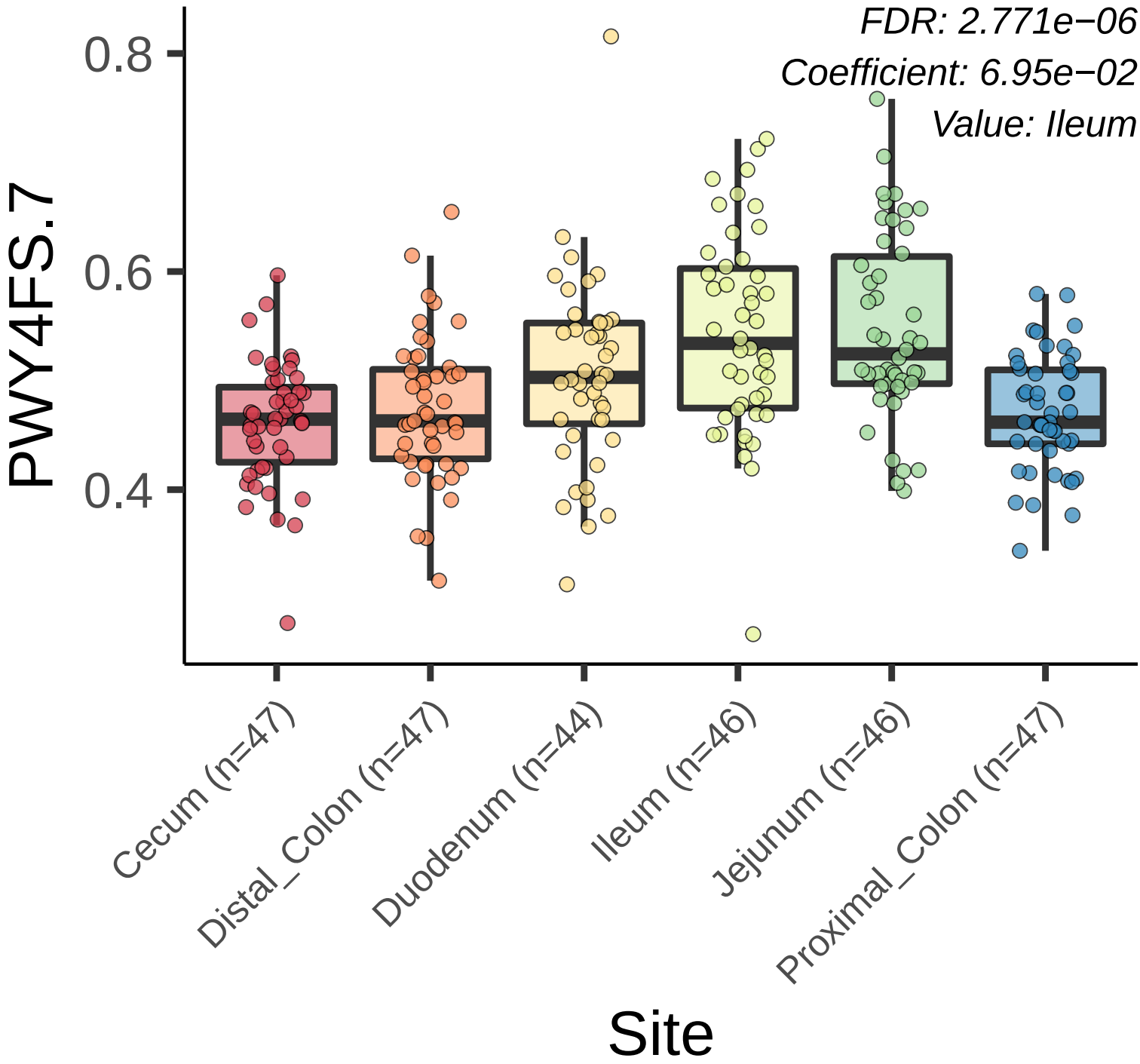
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 6.95e−02
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Cecum (n=47)
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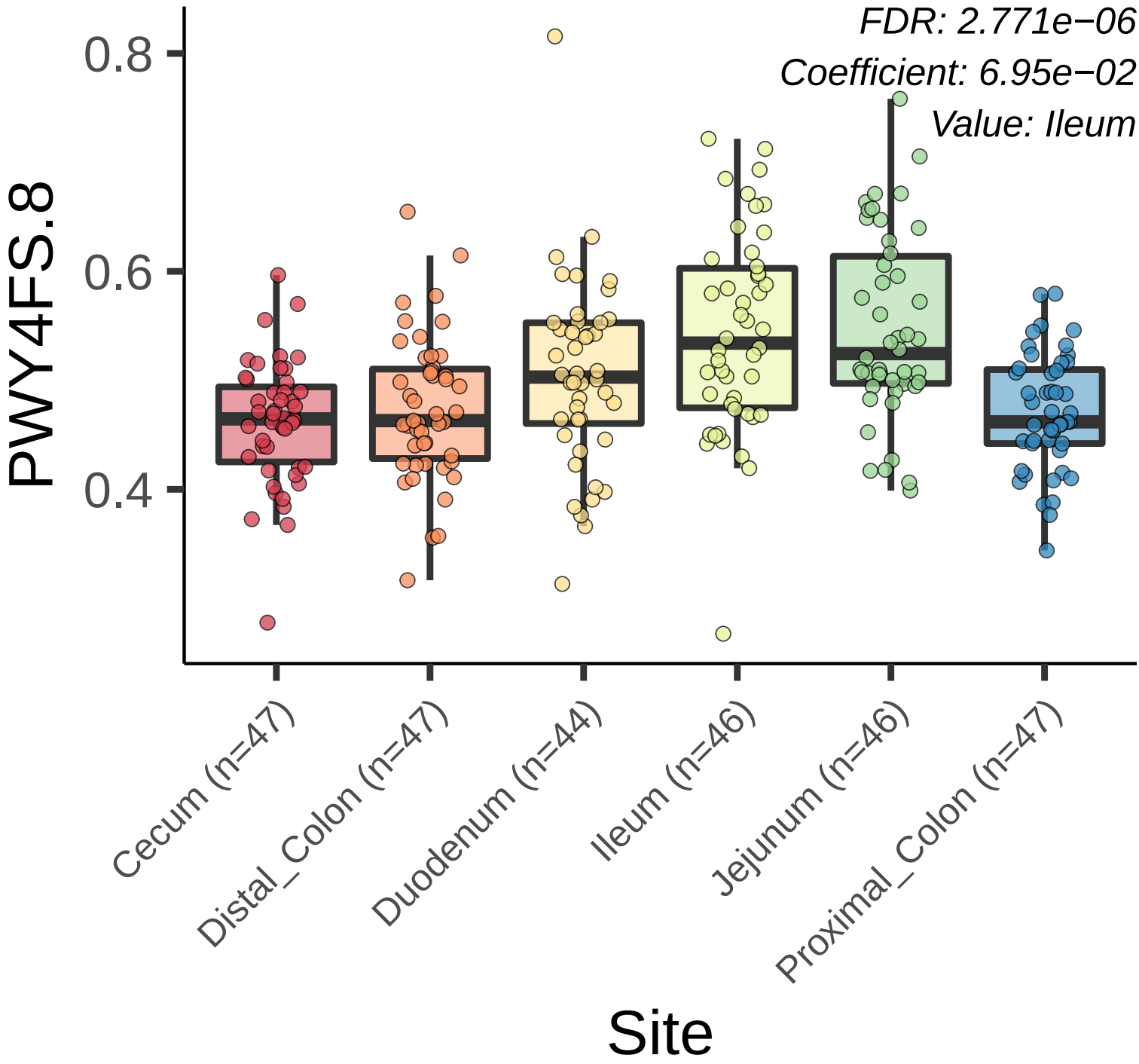
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.771e−06
Coefficient: 6.95e−02
Value: Ileum
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0.6
0.4
Cecum (n=47)
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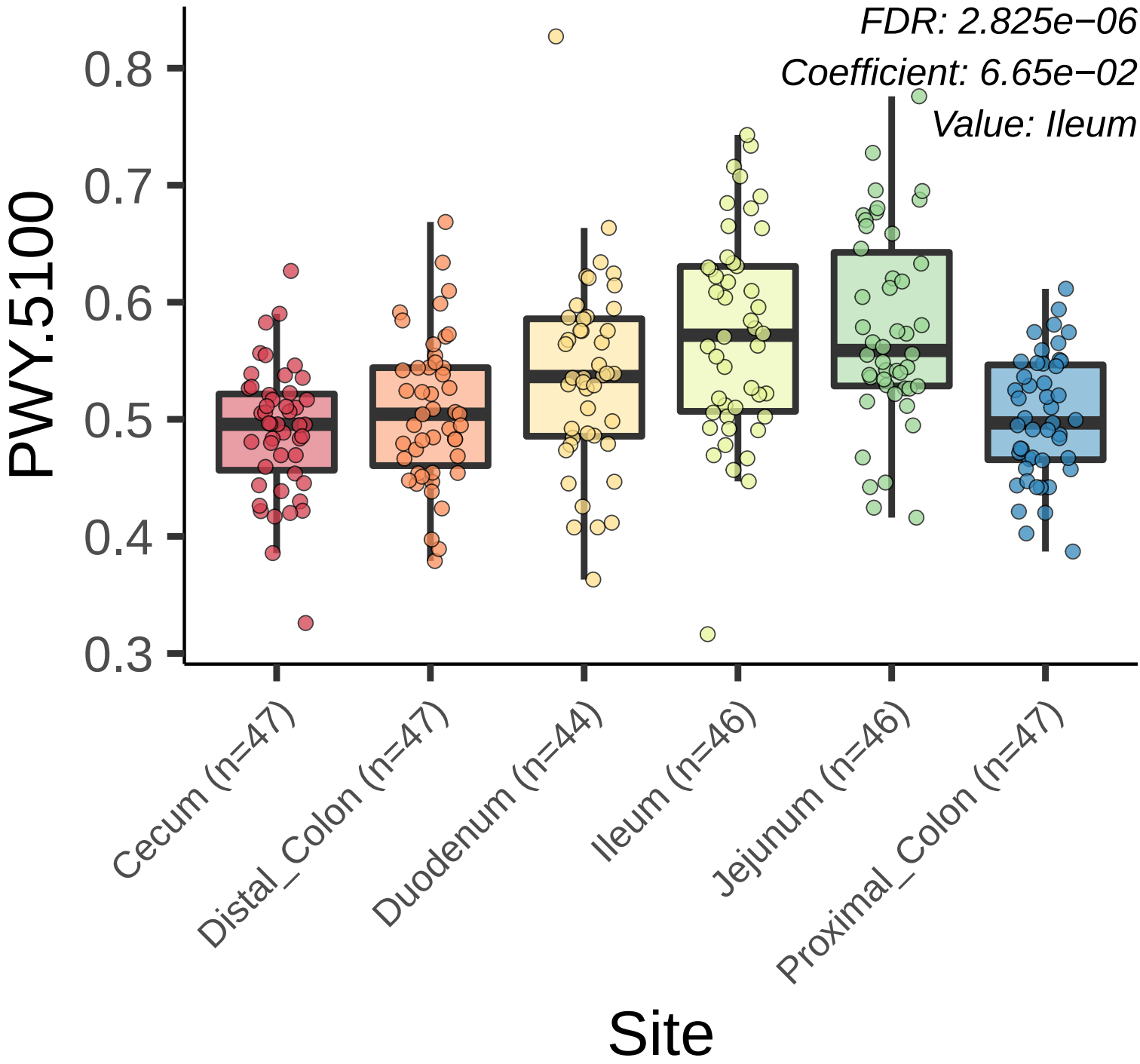
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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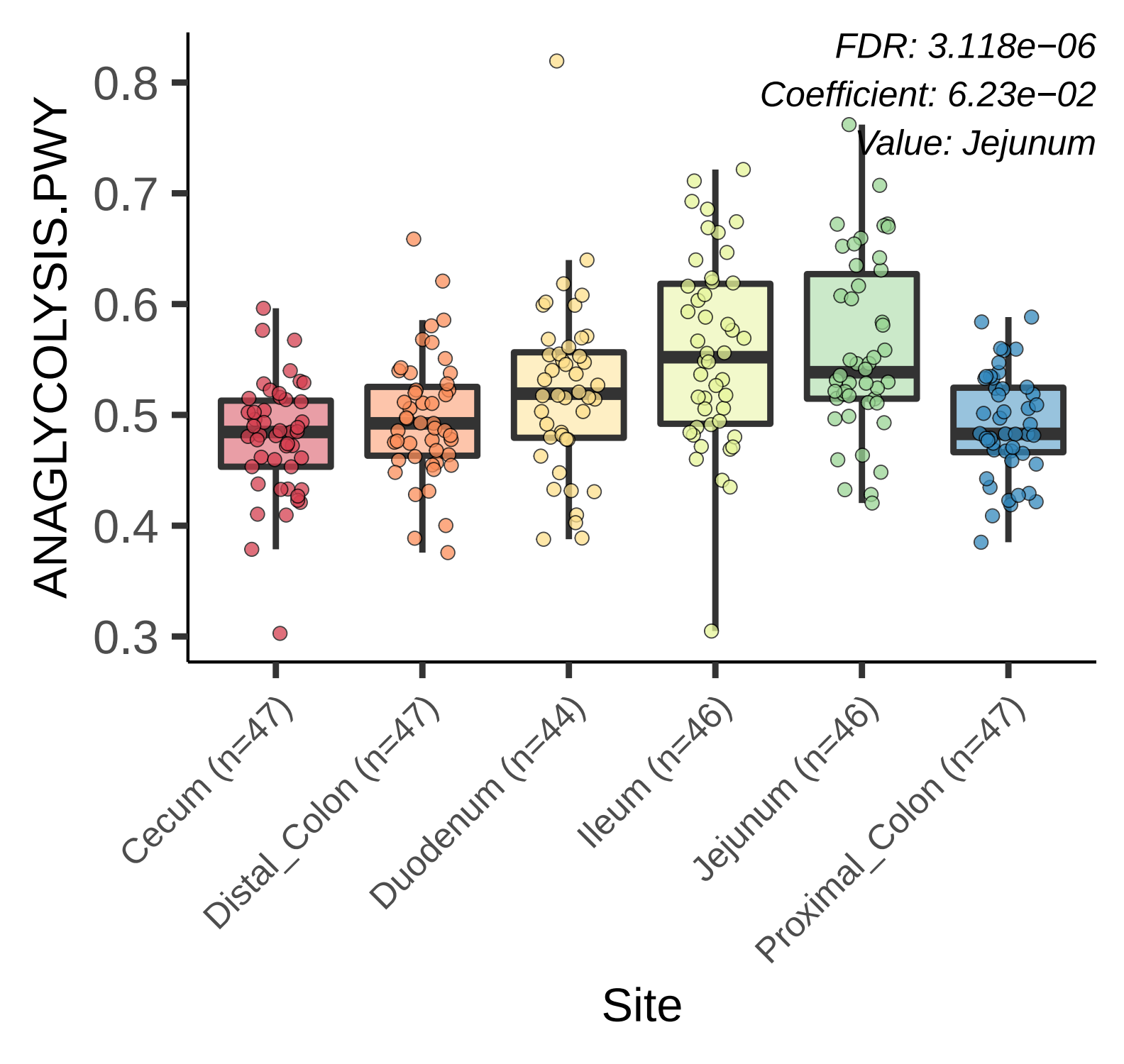
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Jejunum
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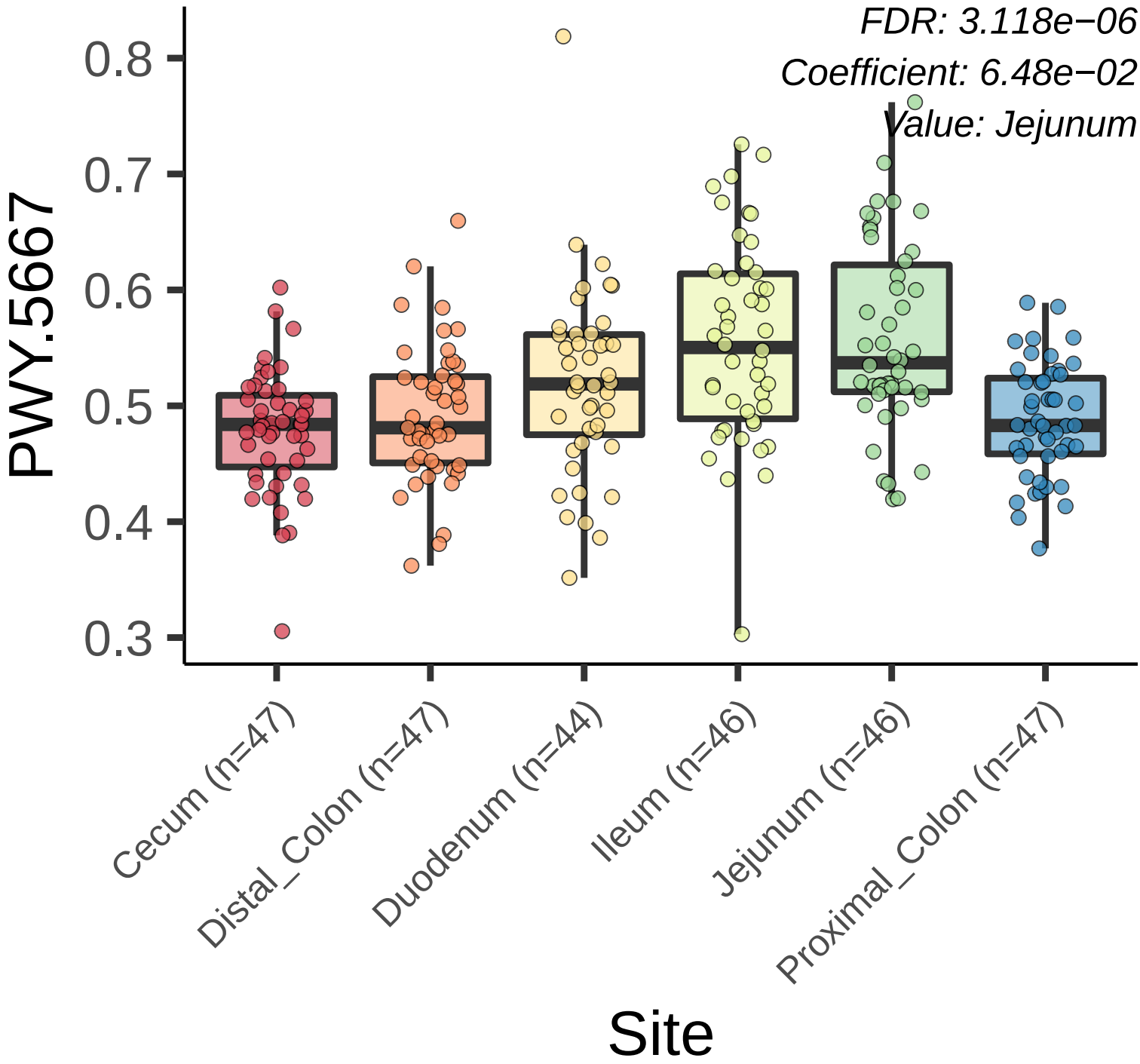
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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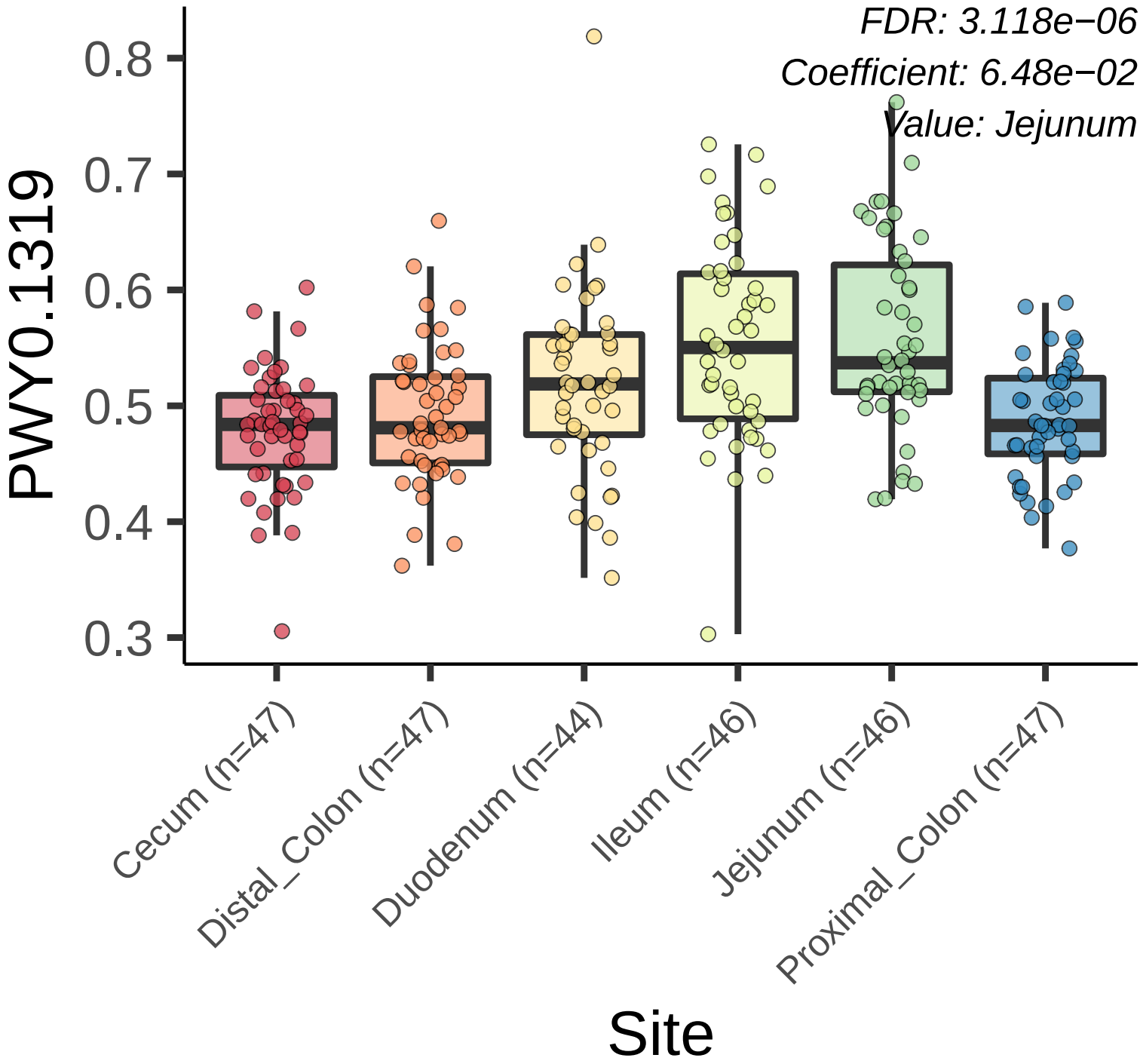
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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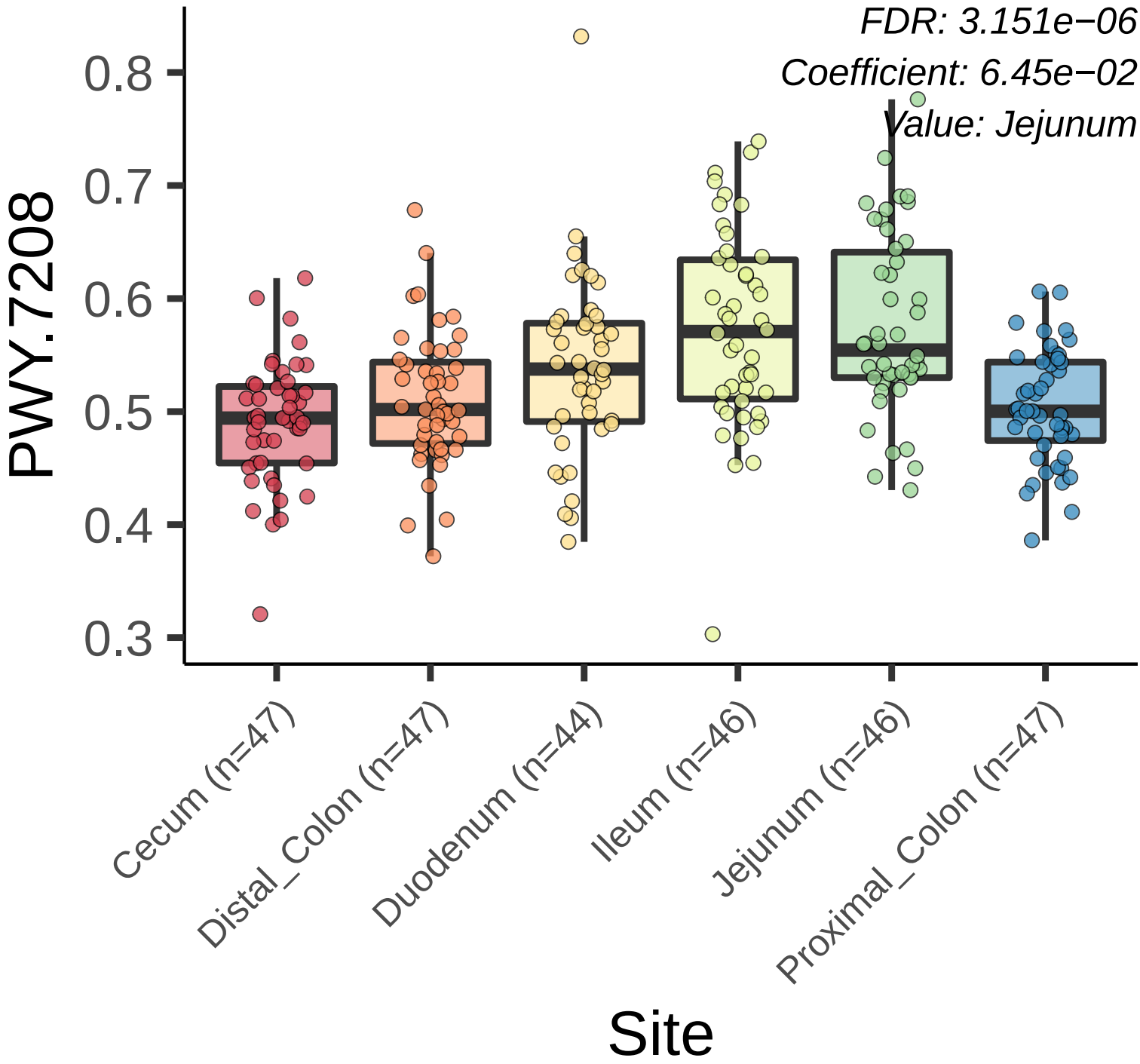
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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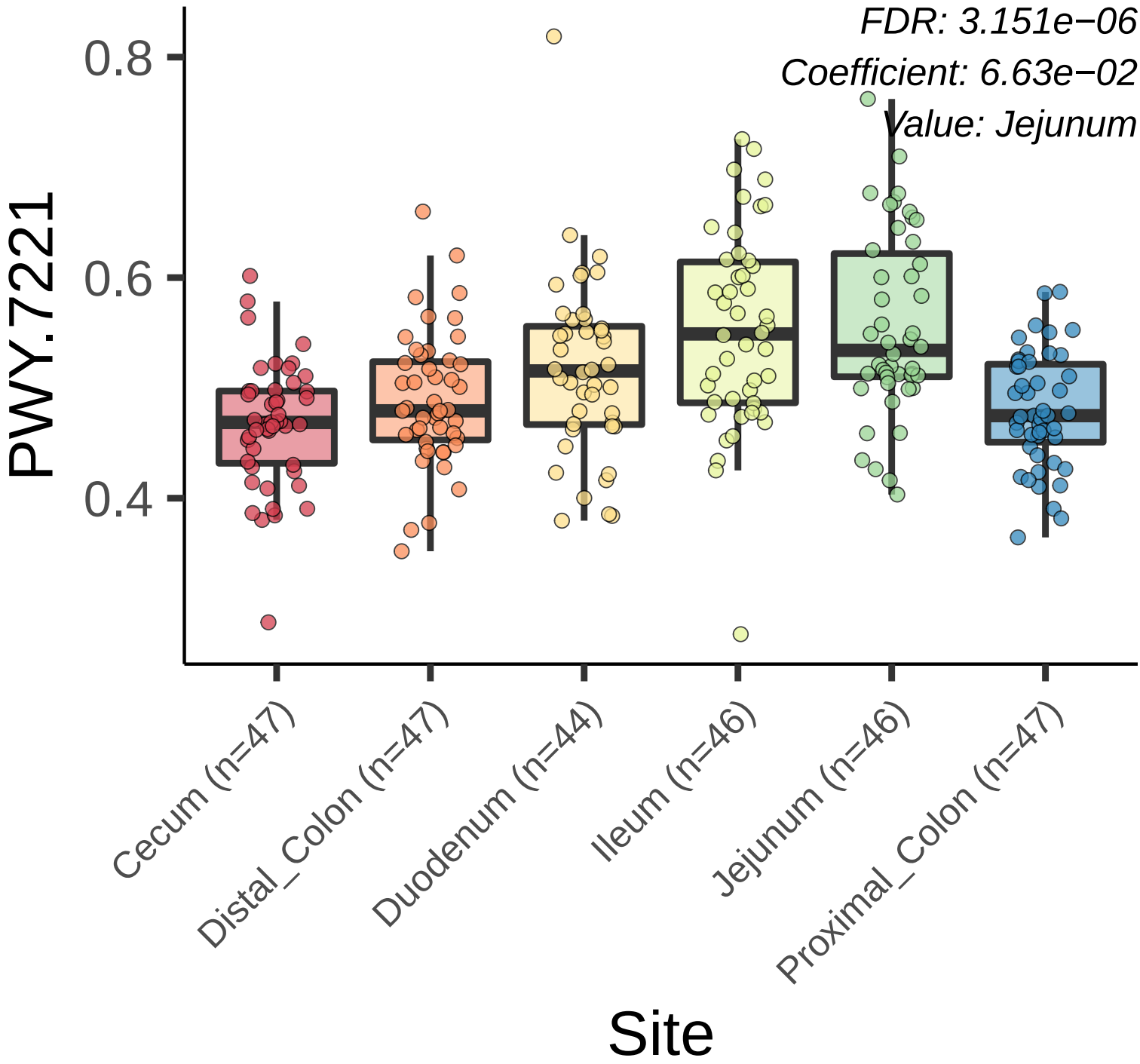
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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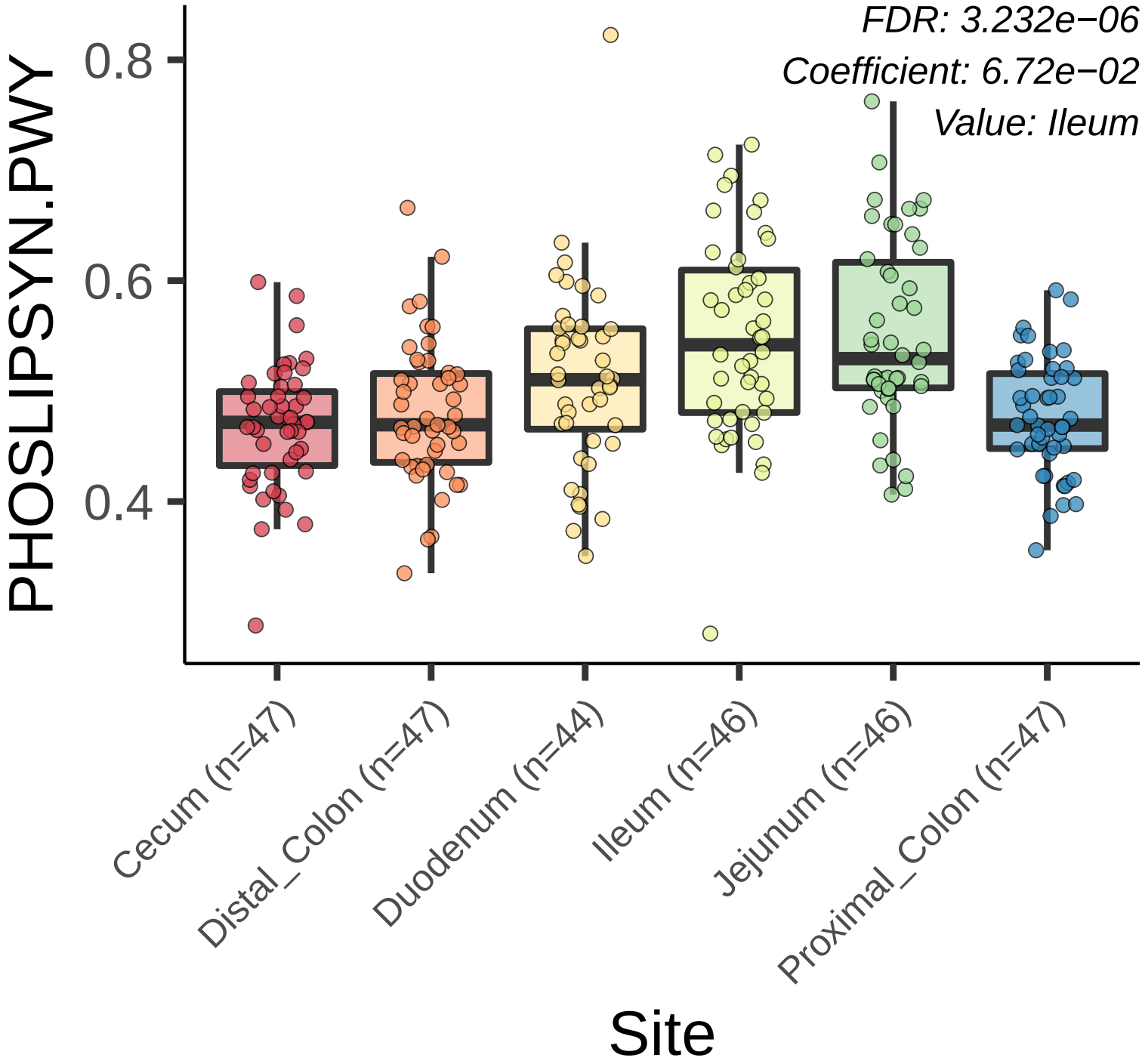
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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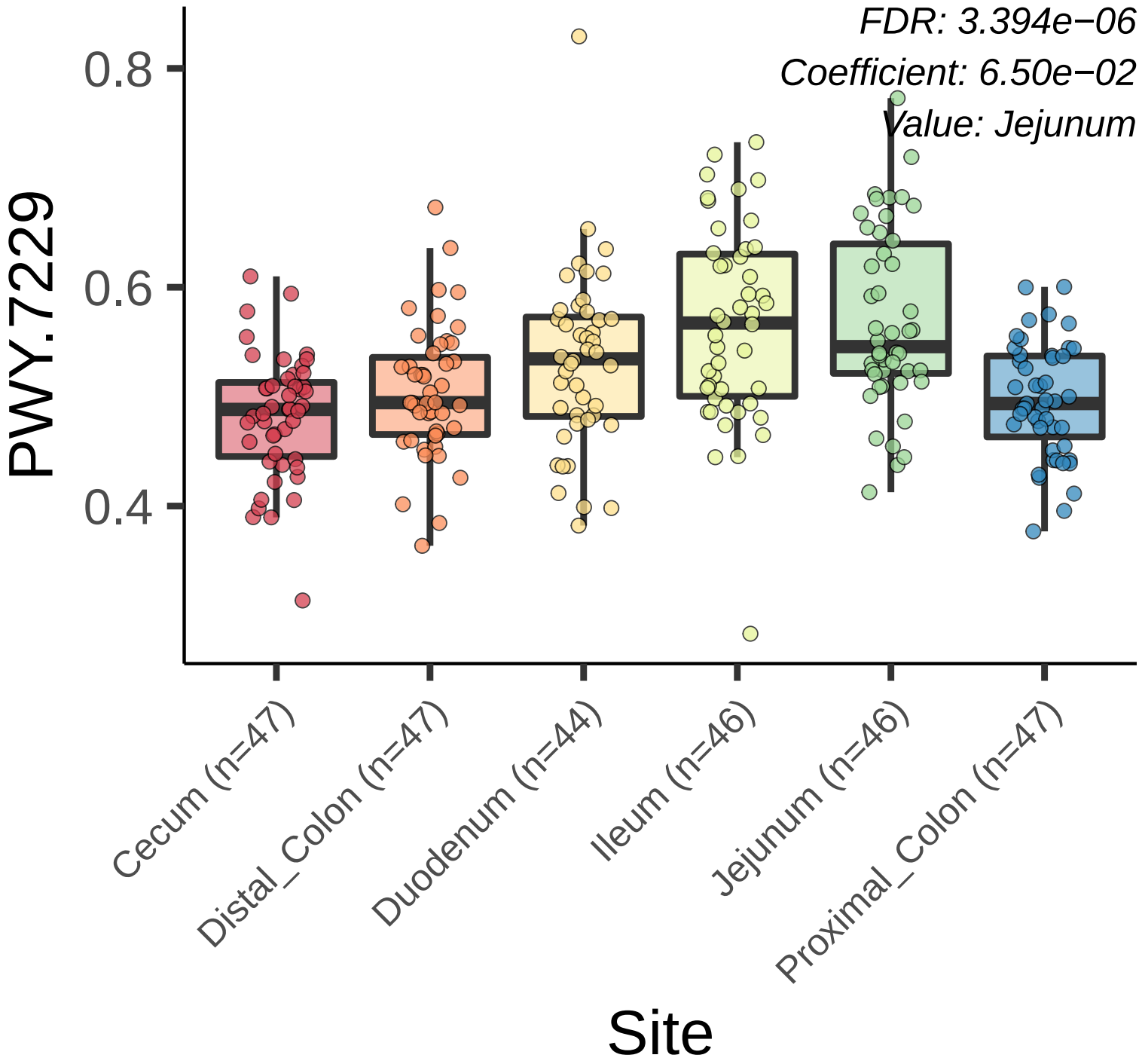
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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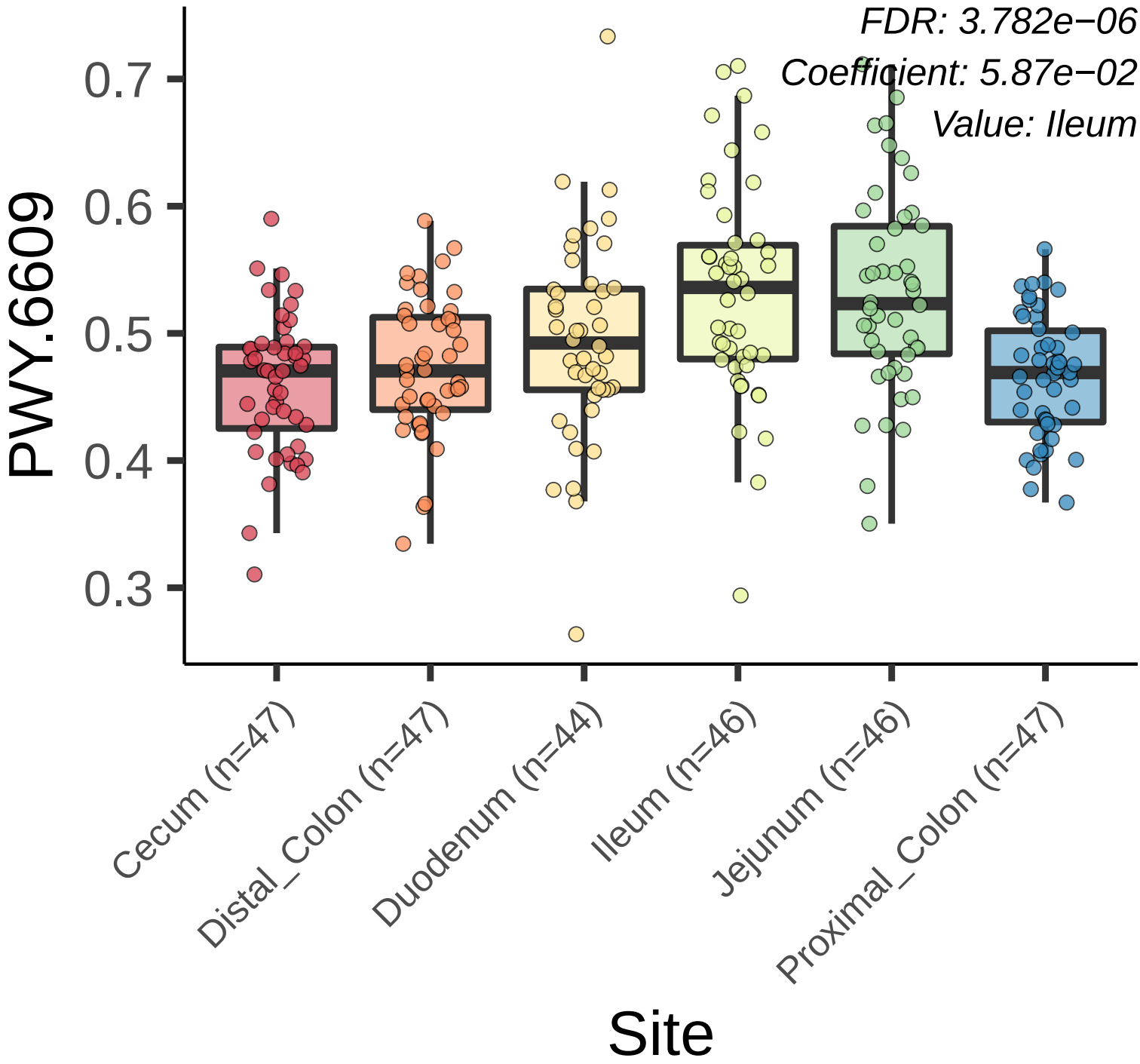
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.5
0.4
0.3
Cecum (n=47)
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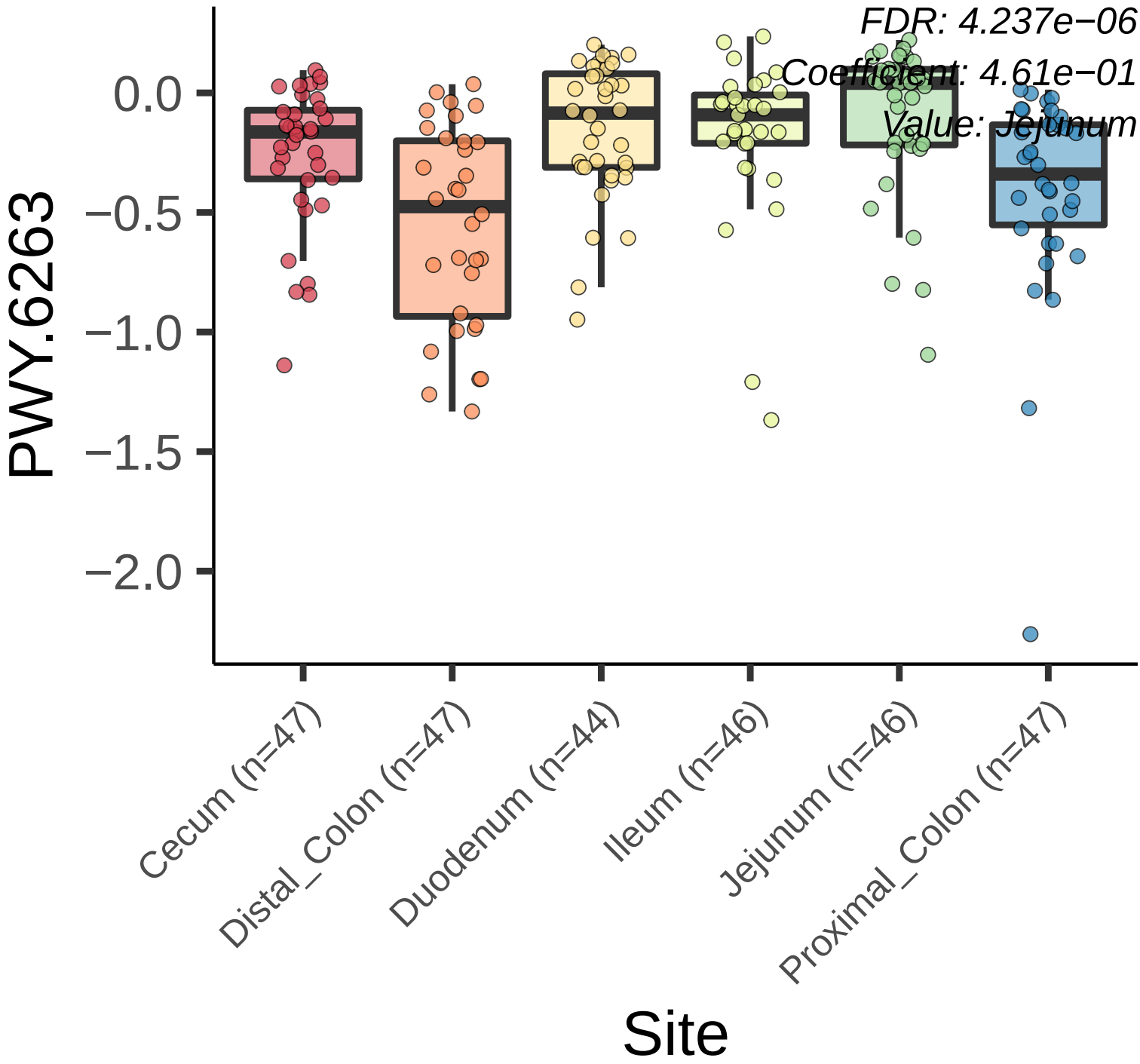
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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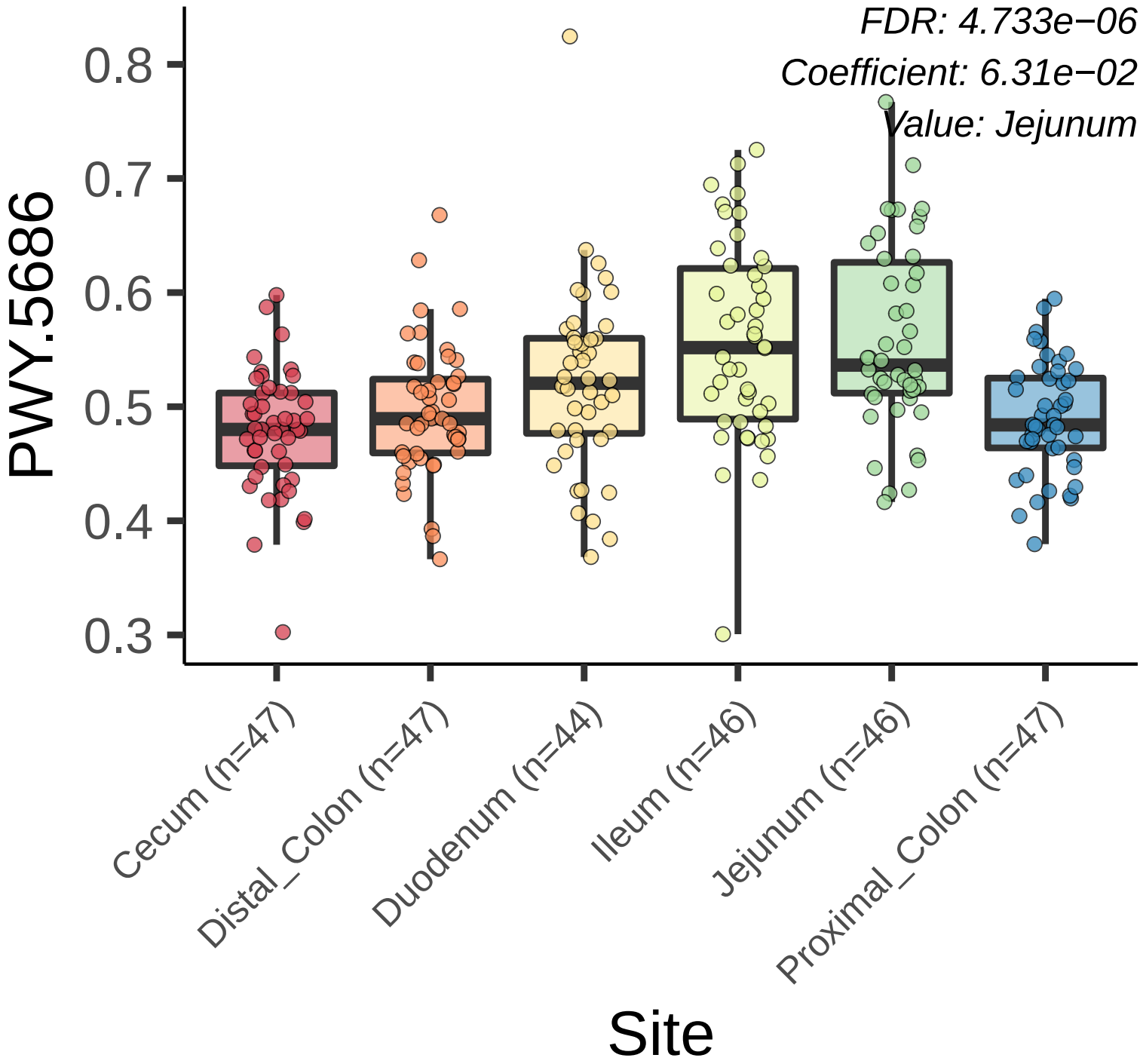
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.5
0.4
0.3
Cecum (n=47)
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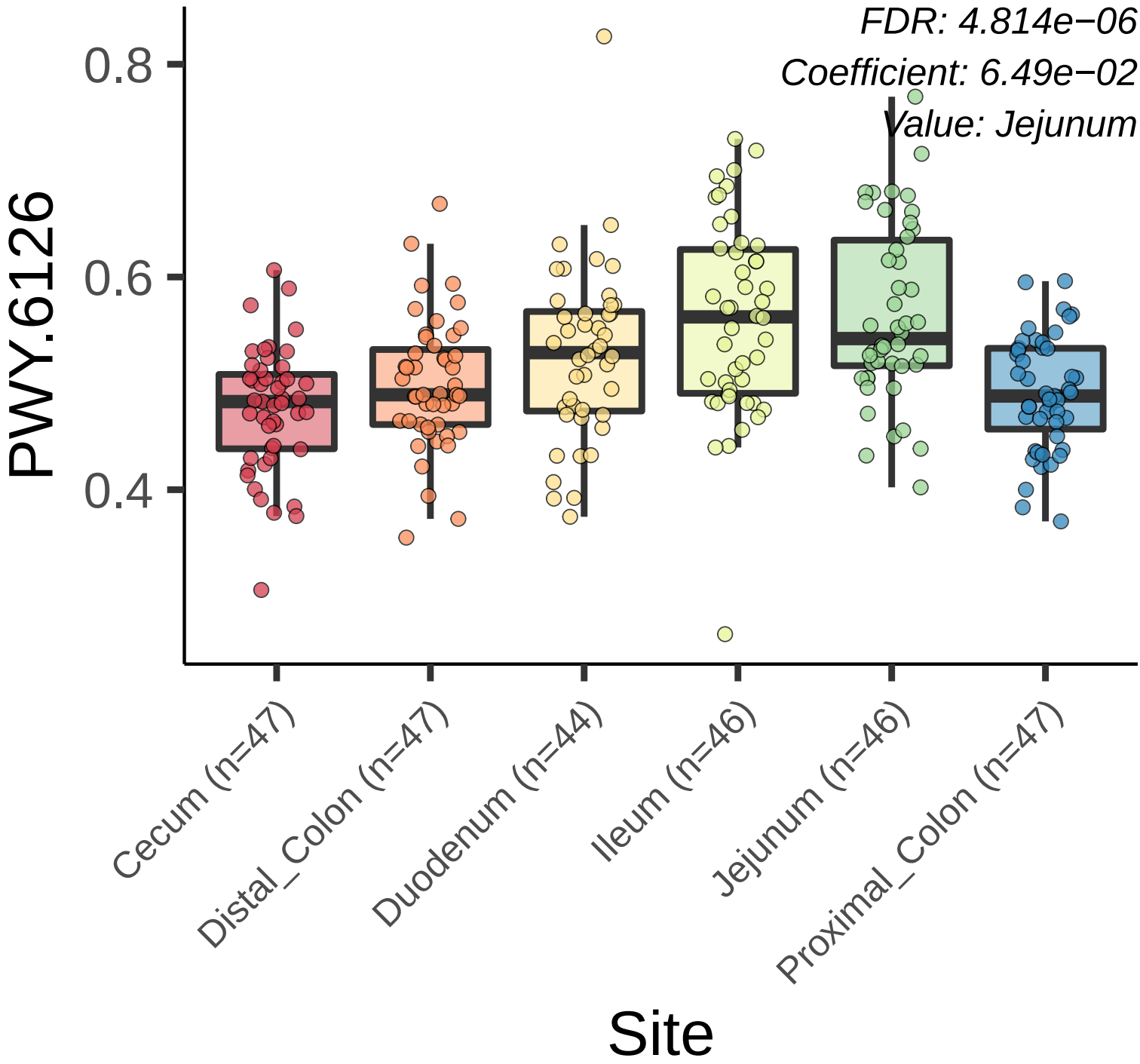
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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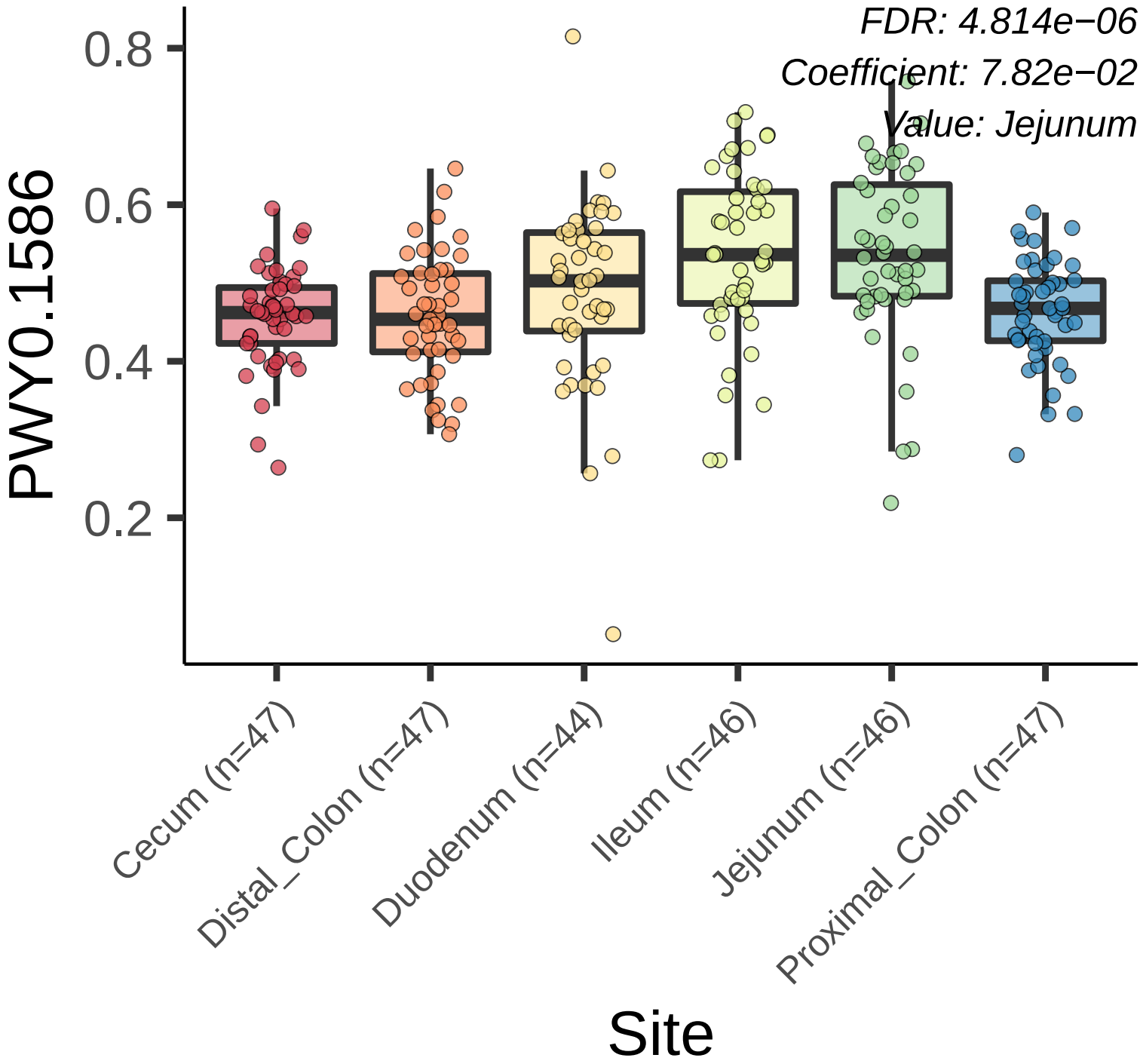
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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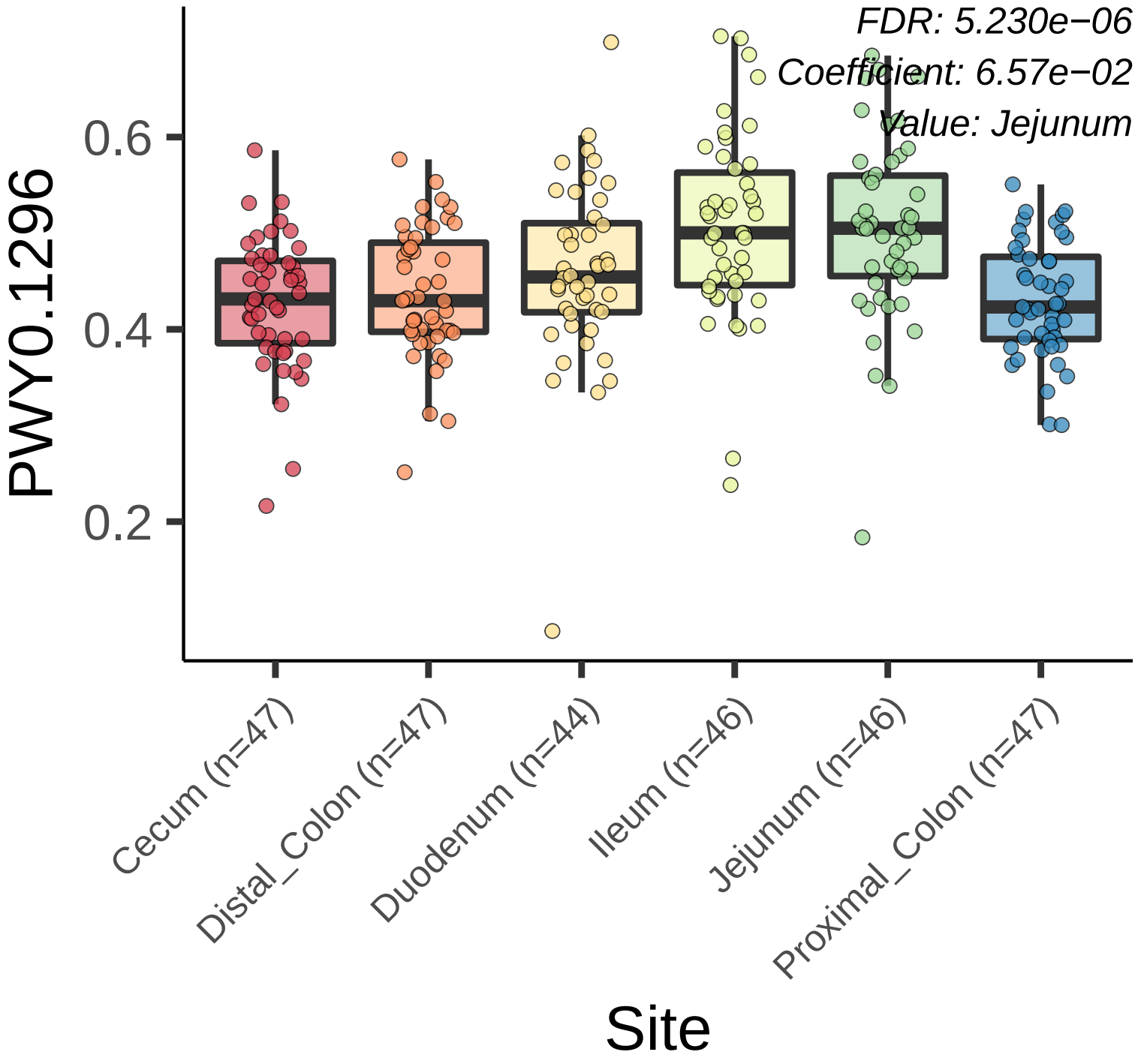
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 6.57e−02
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0.4
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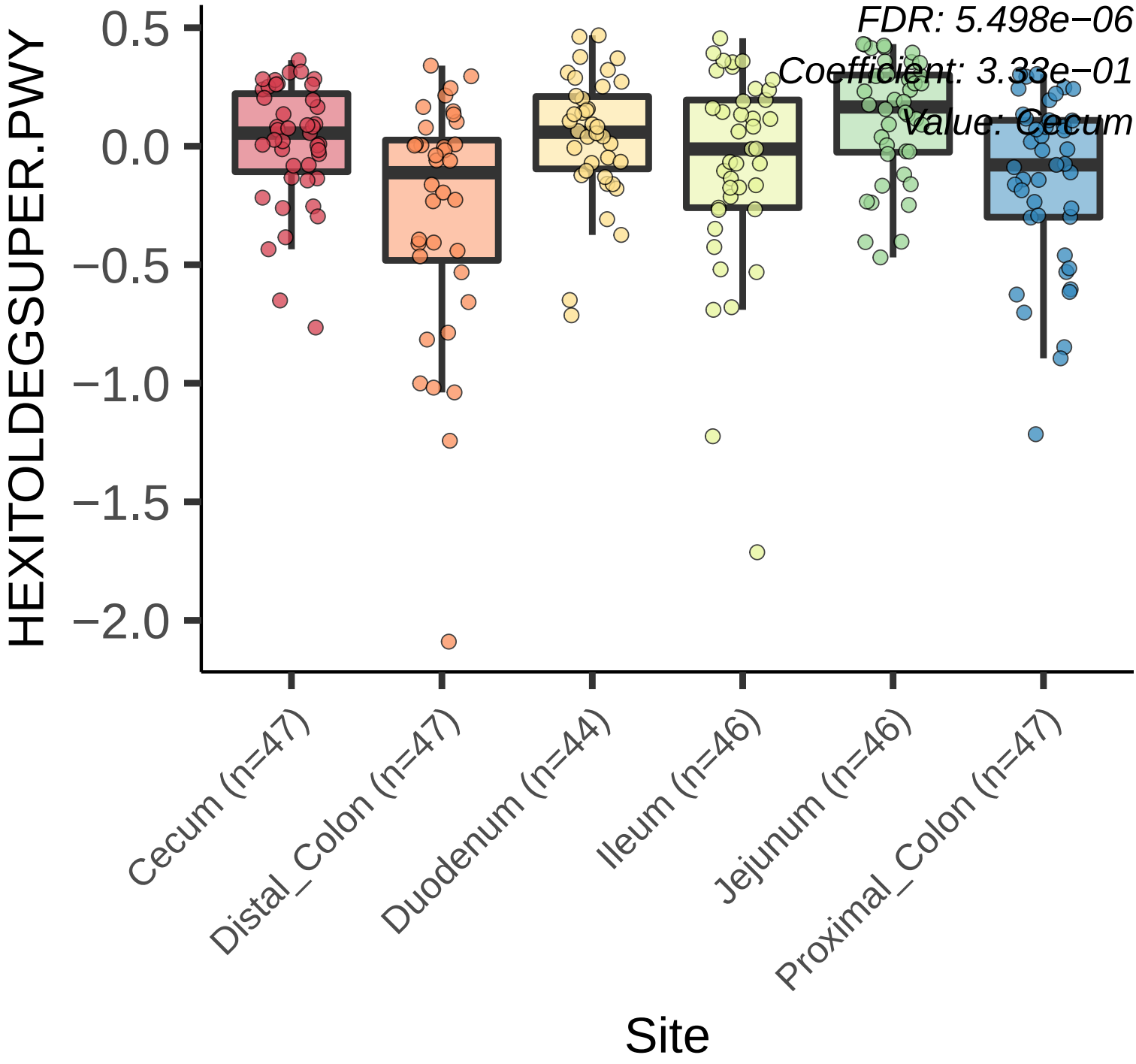
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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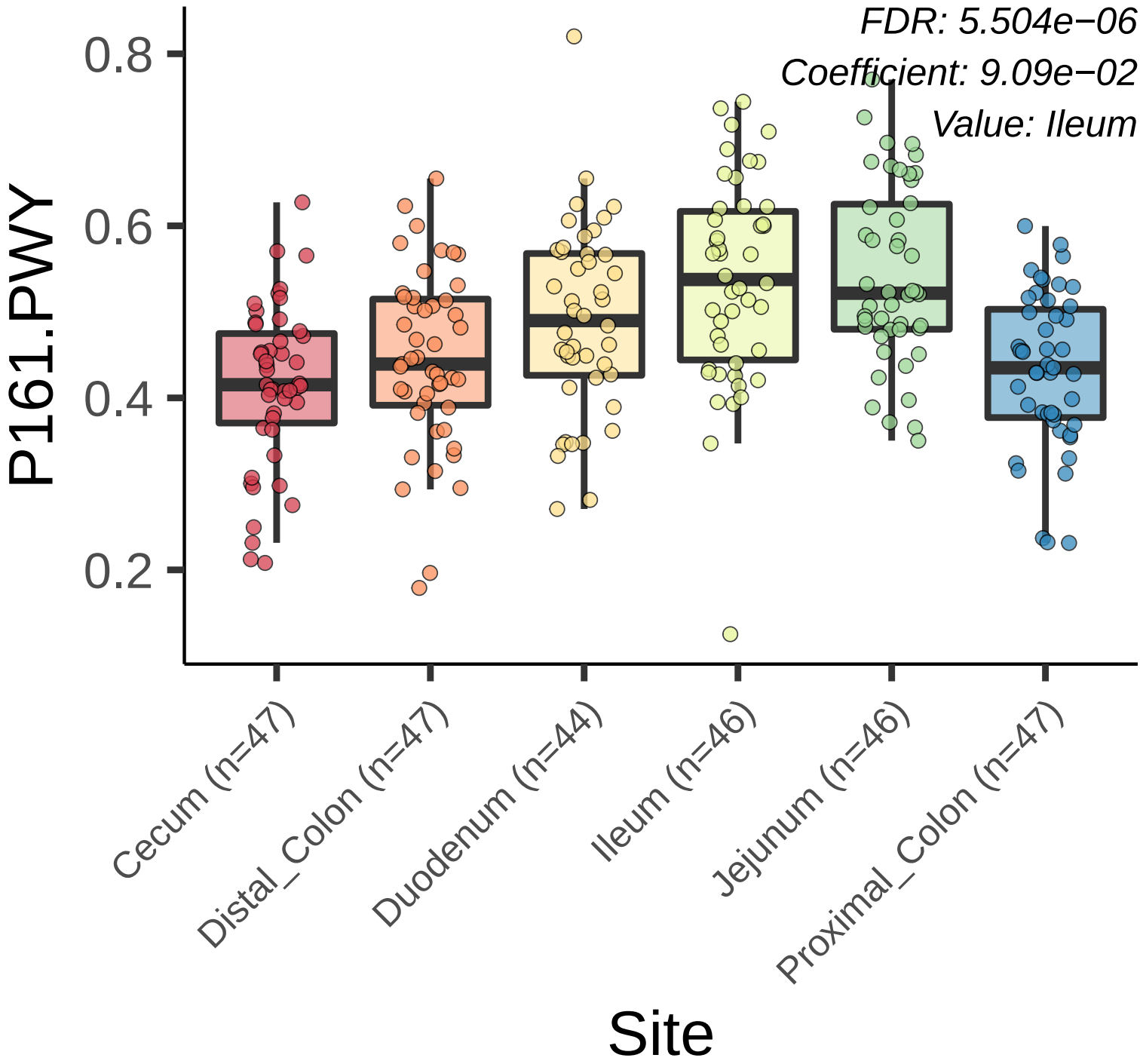
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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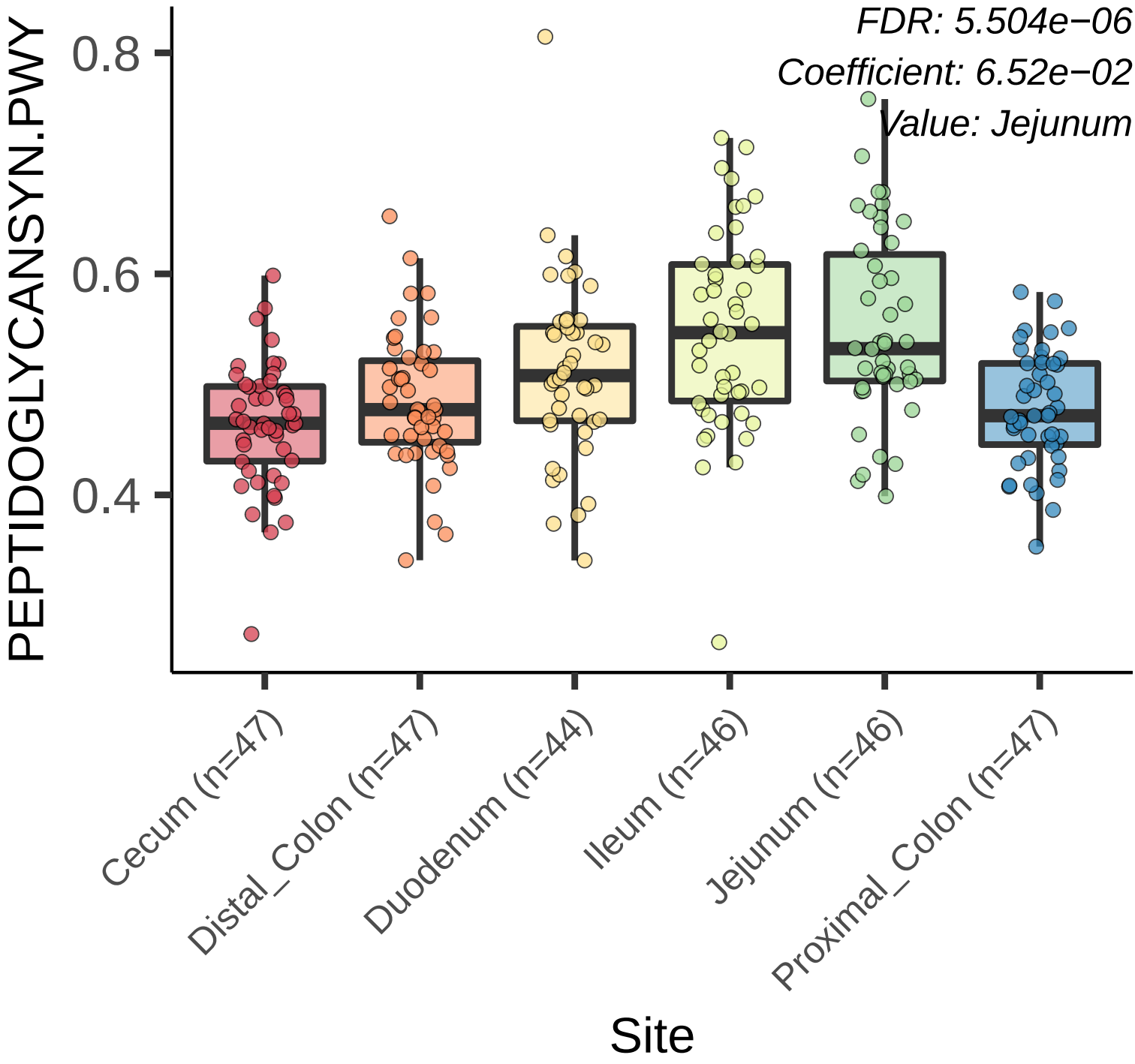
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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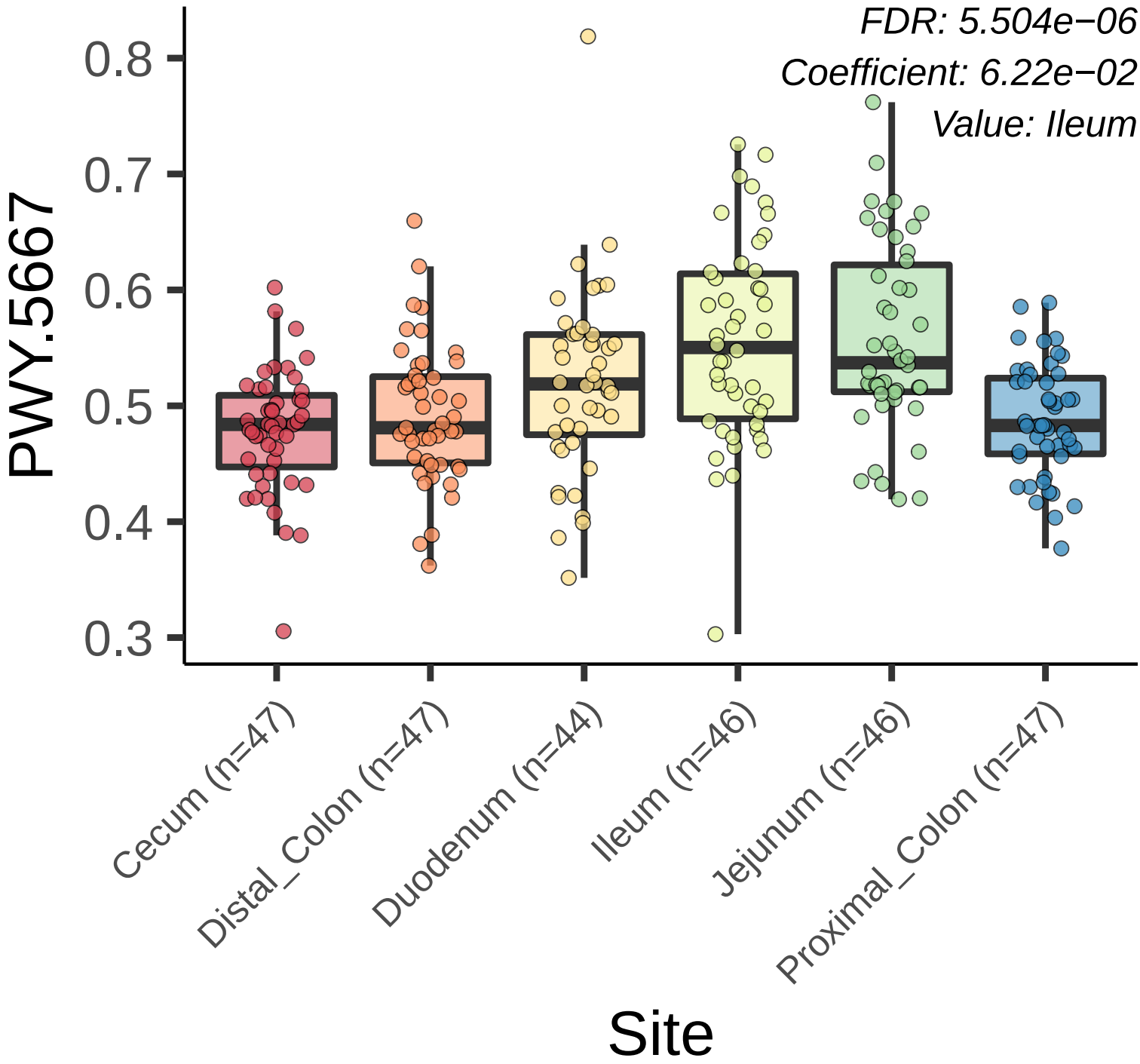
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.3
Cecum (n=47)
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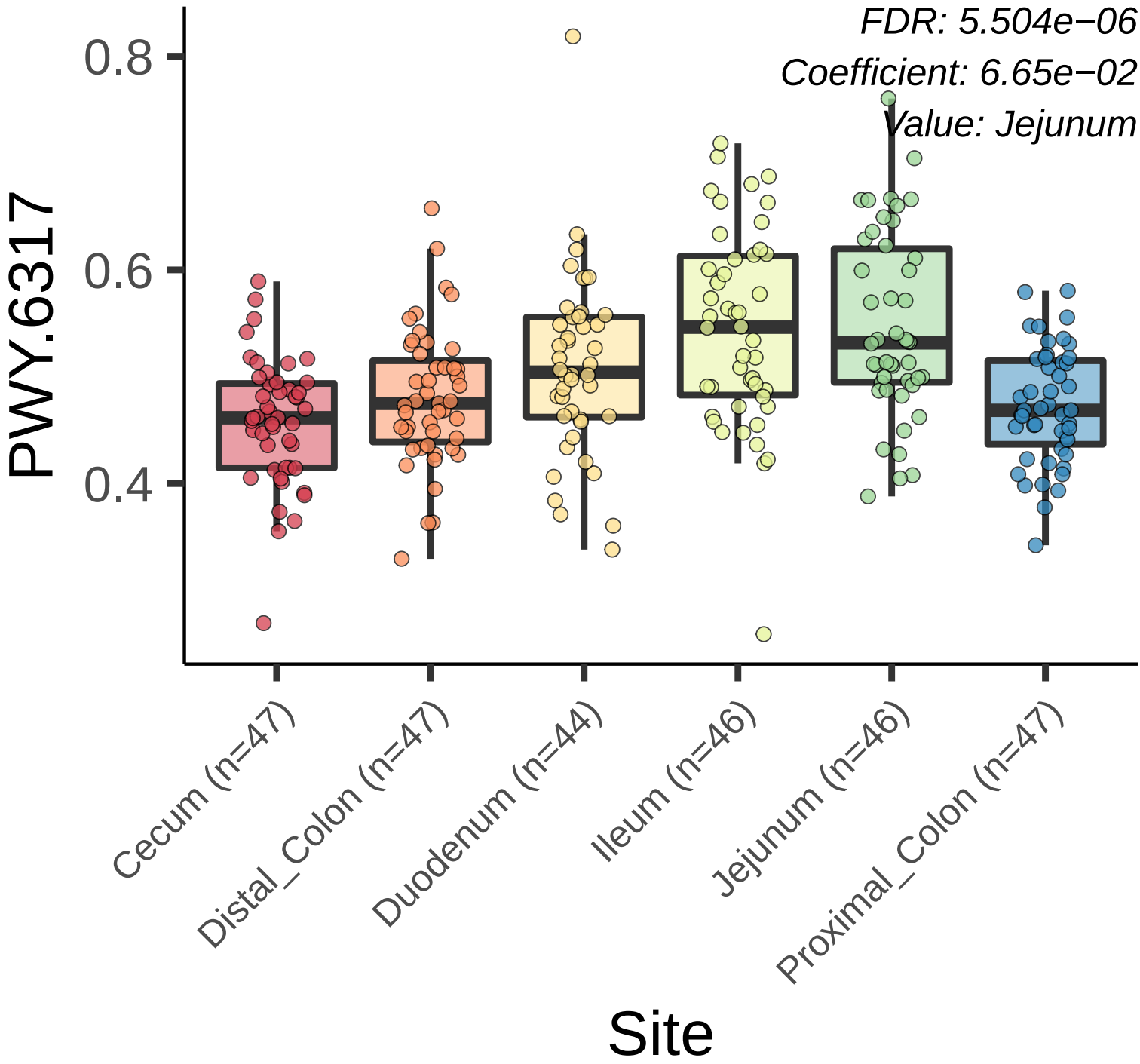
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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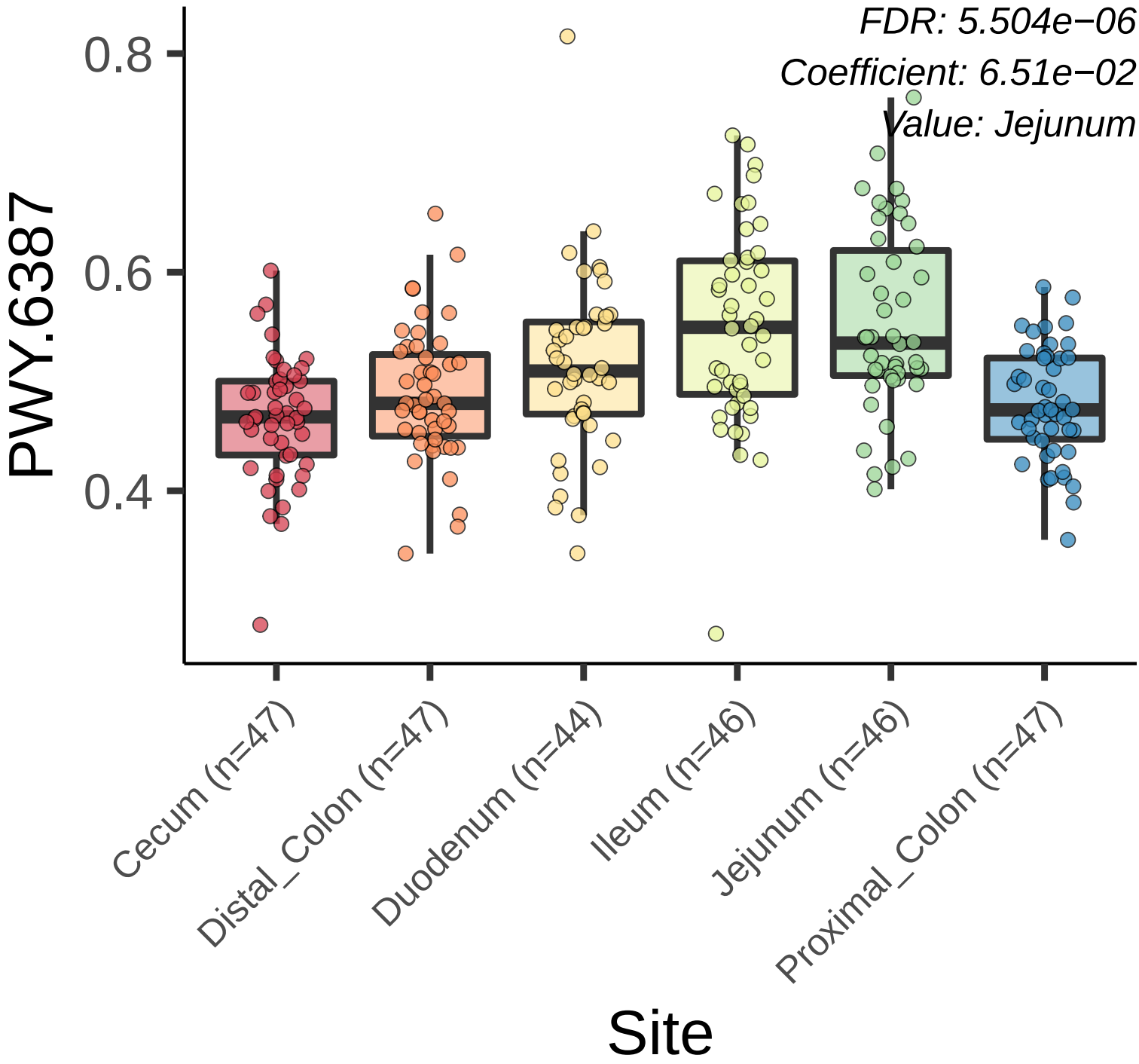
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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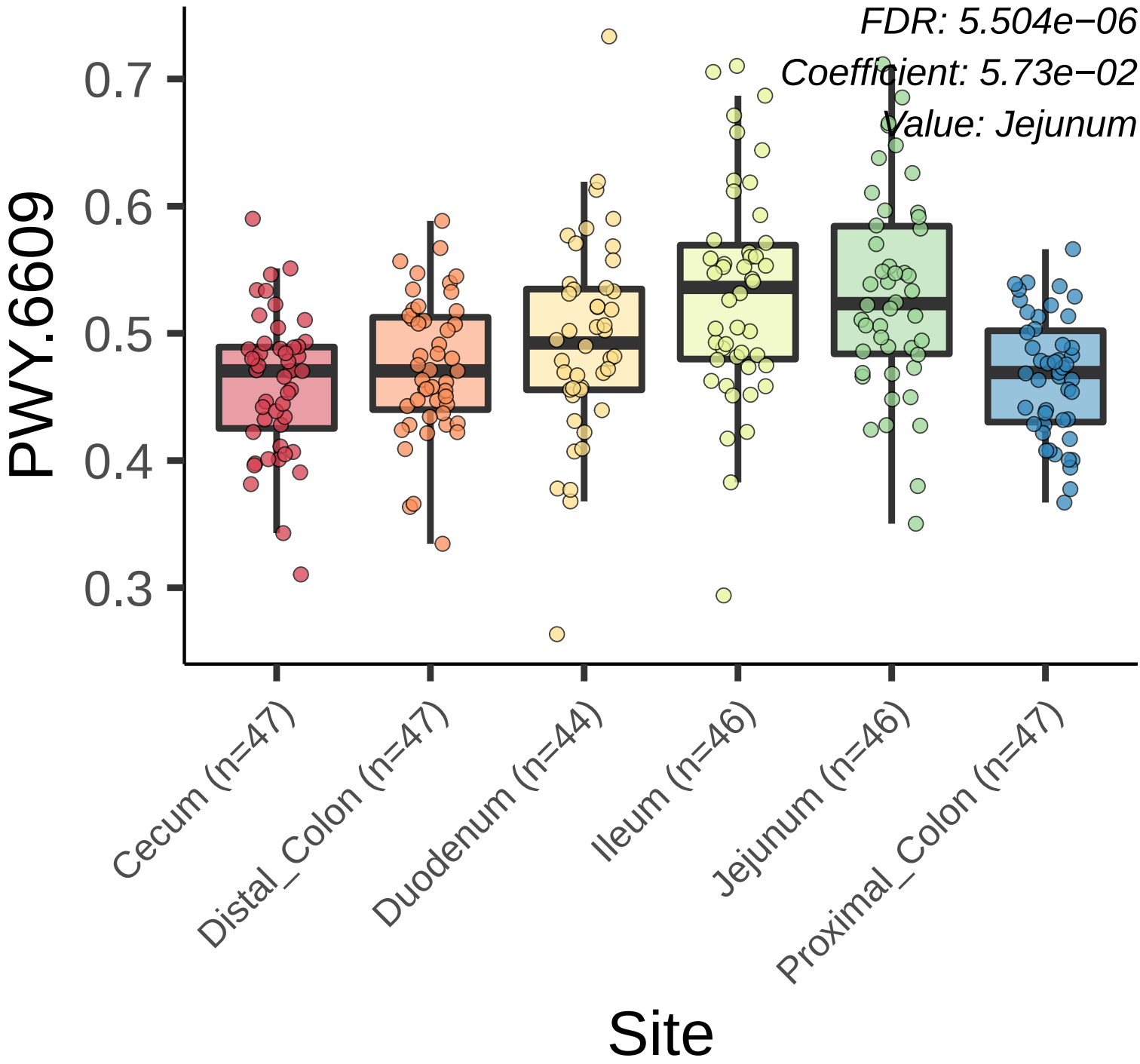
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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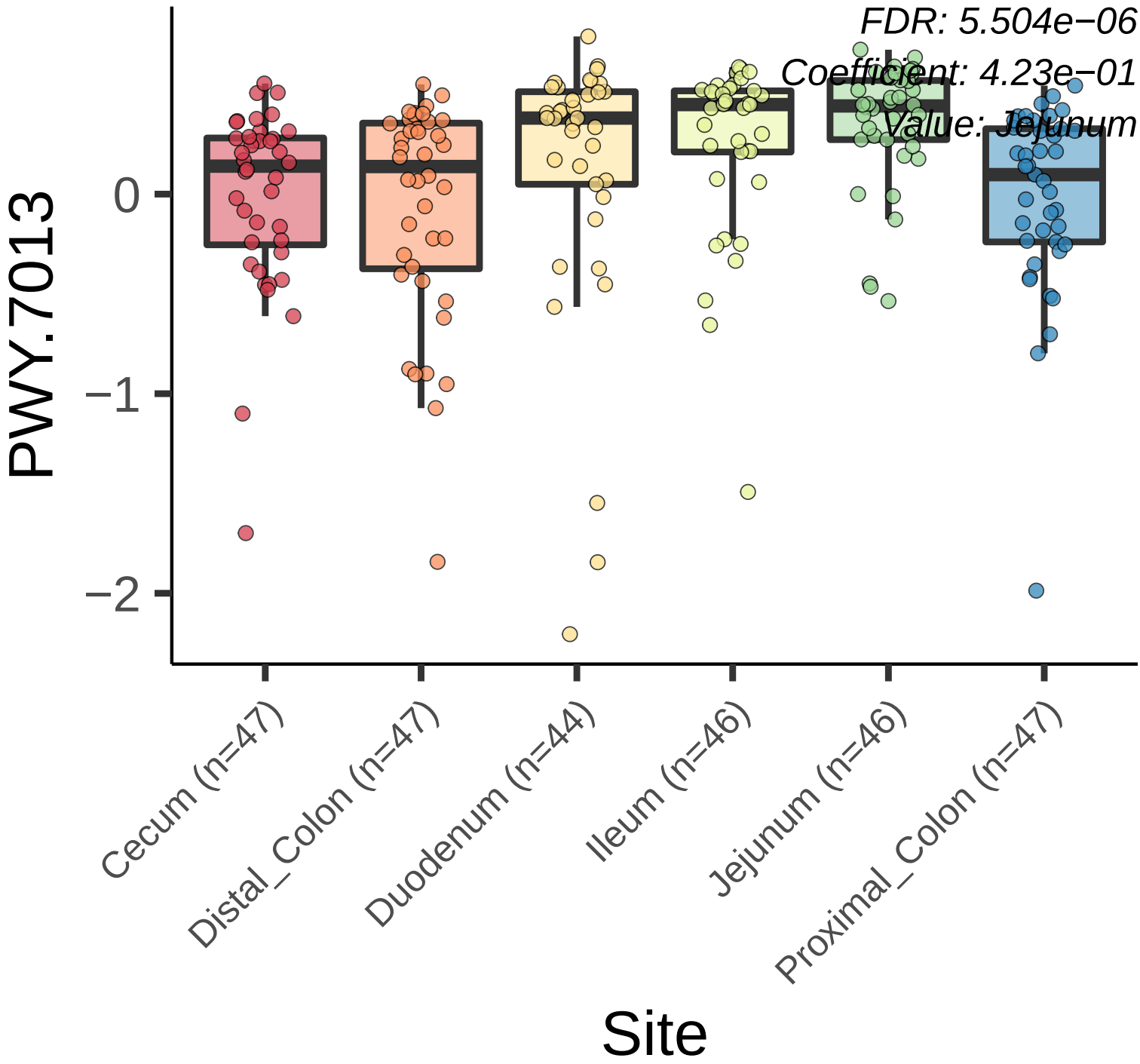
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Jejunum (n=46)
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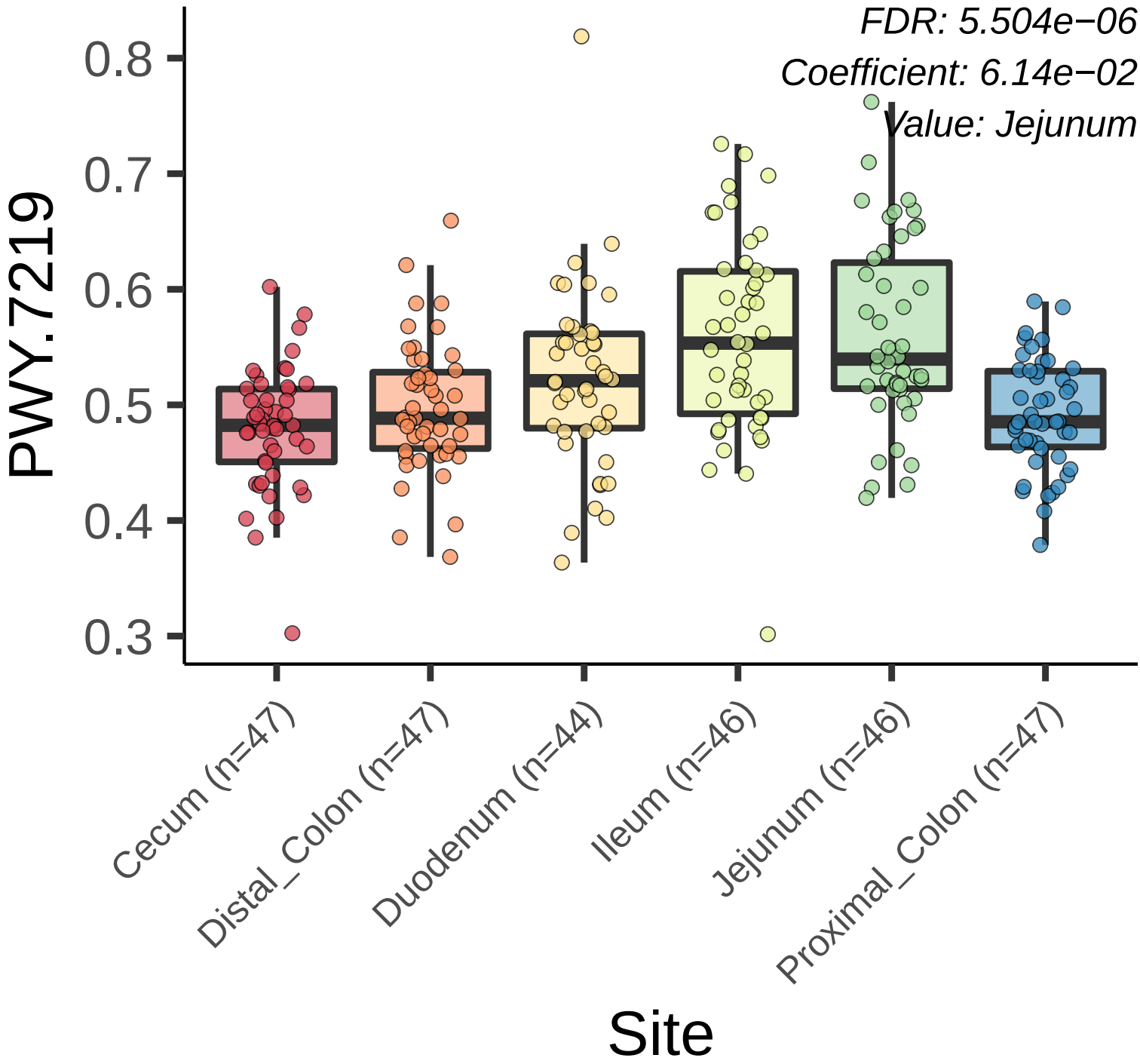
Site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Cecum (n=47)
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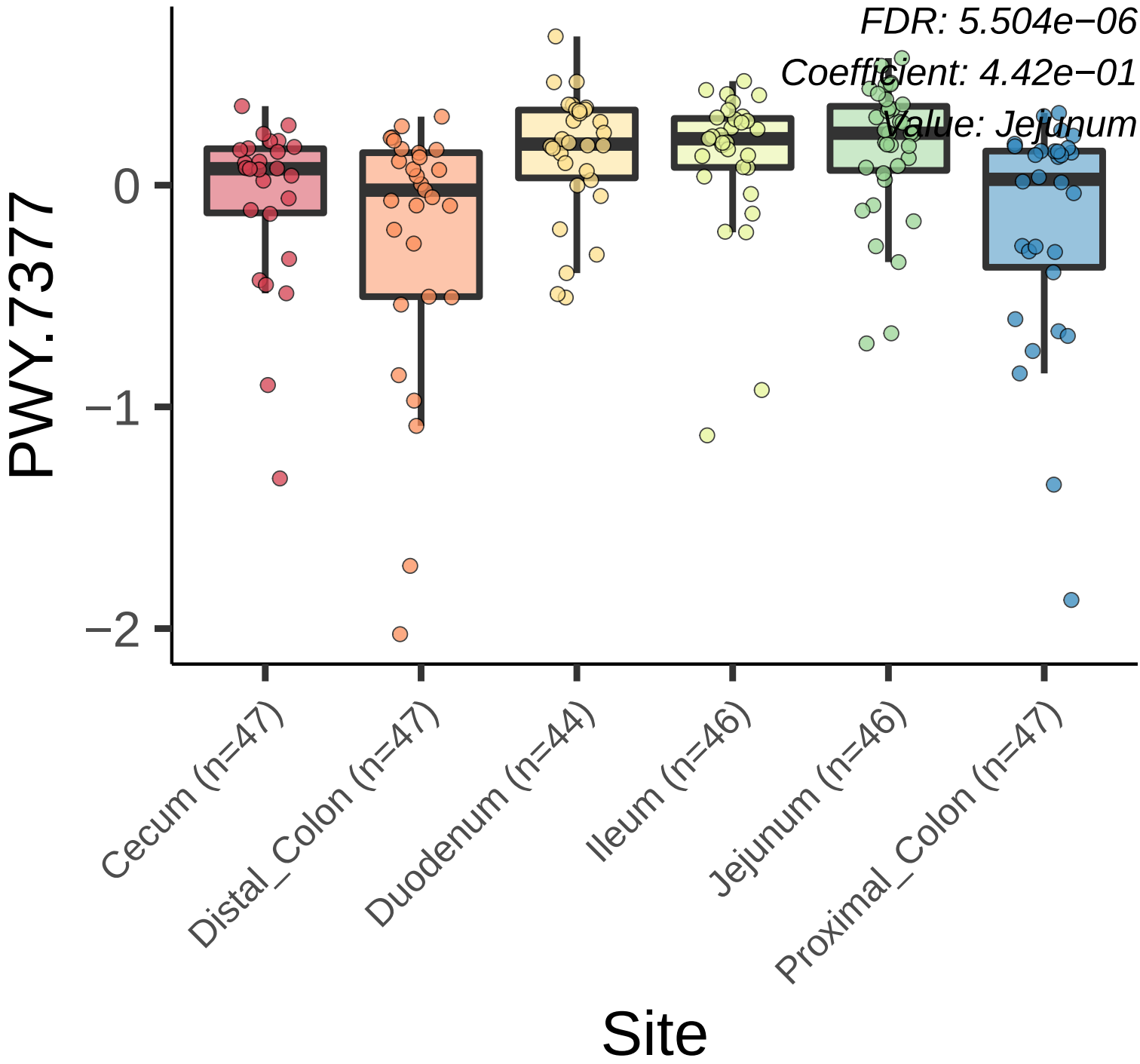
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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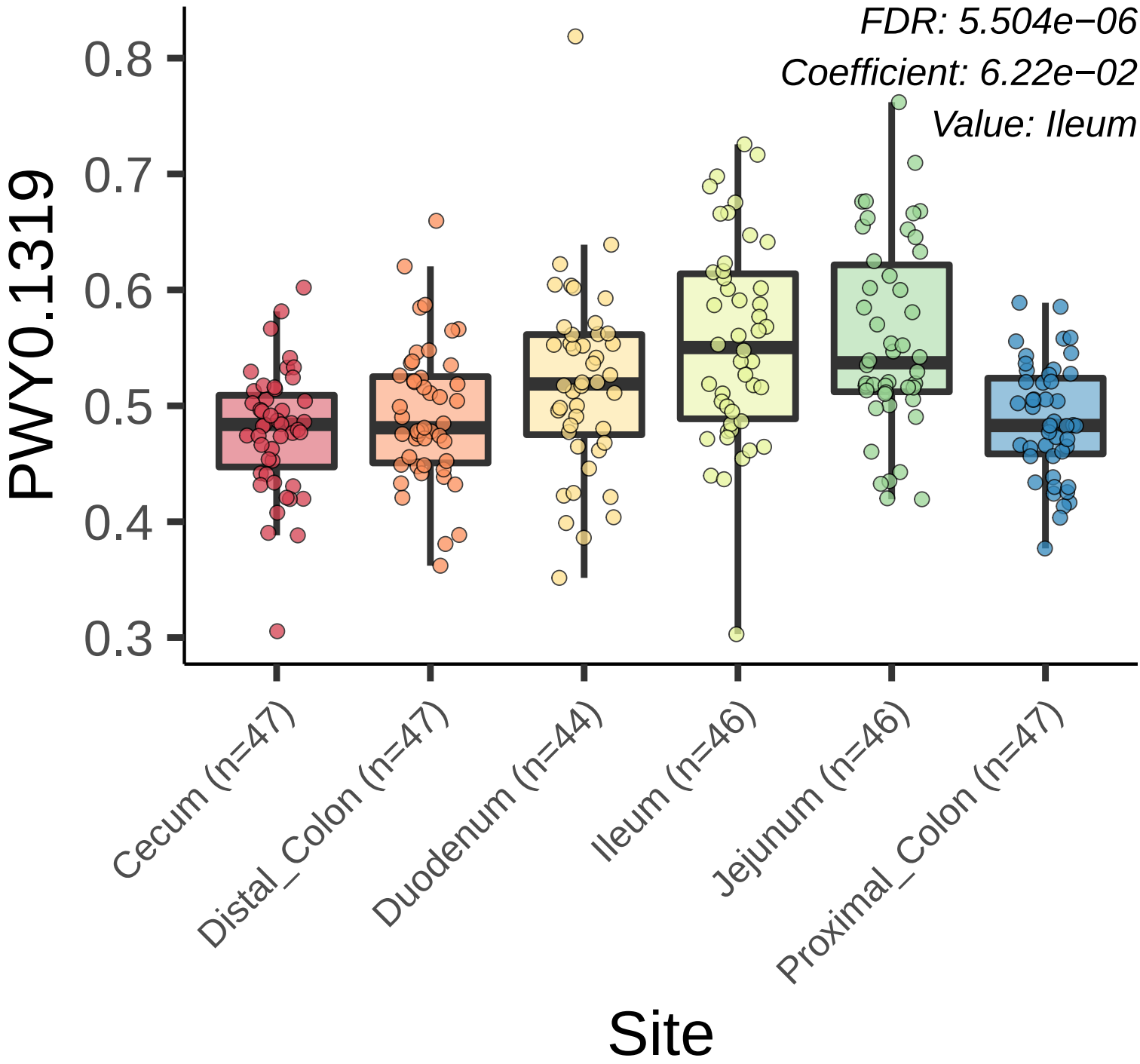
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 6.22e−02
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Cecum (n=47)
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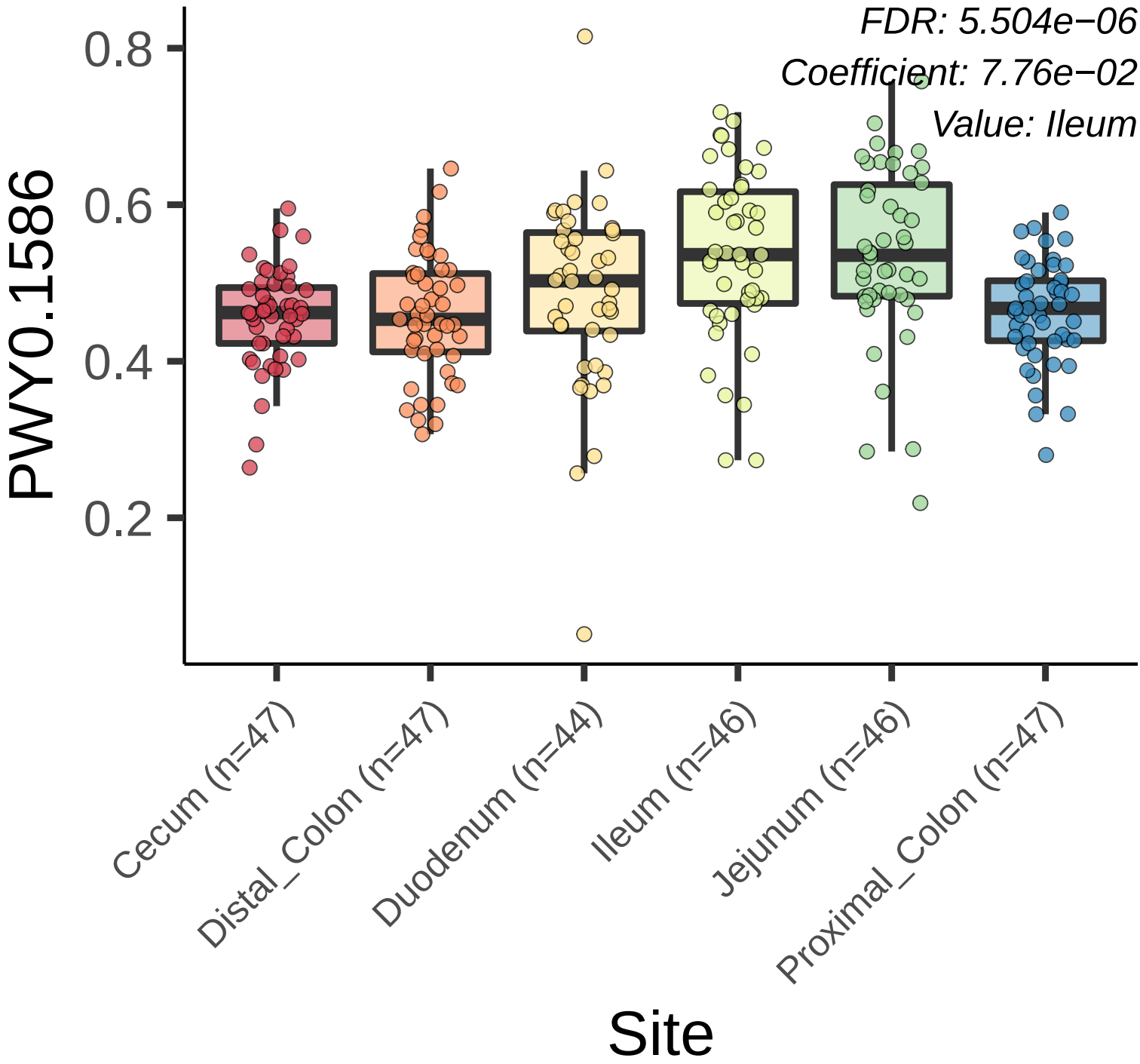
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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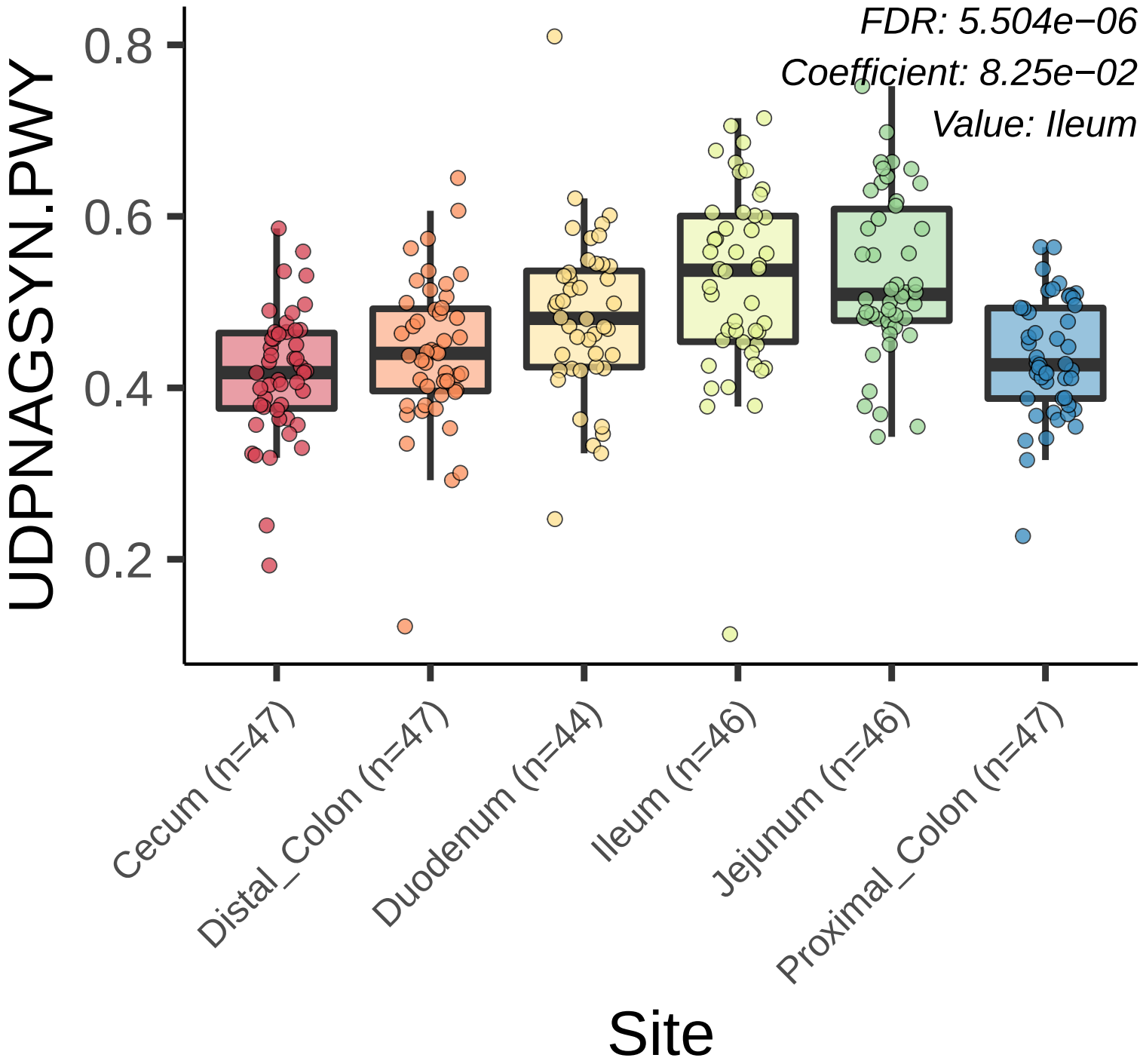
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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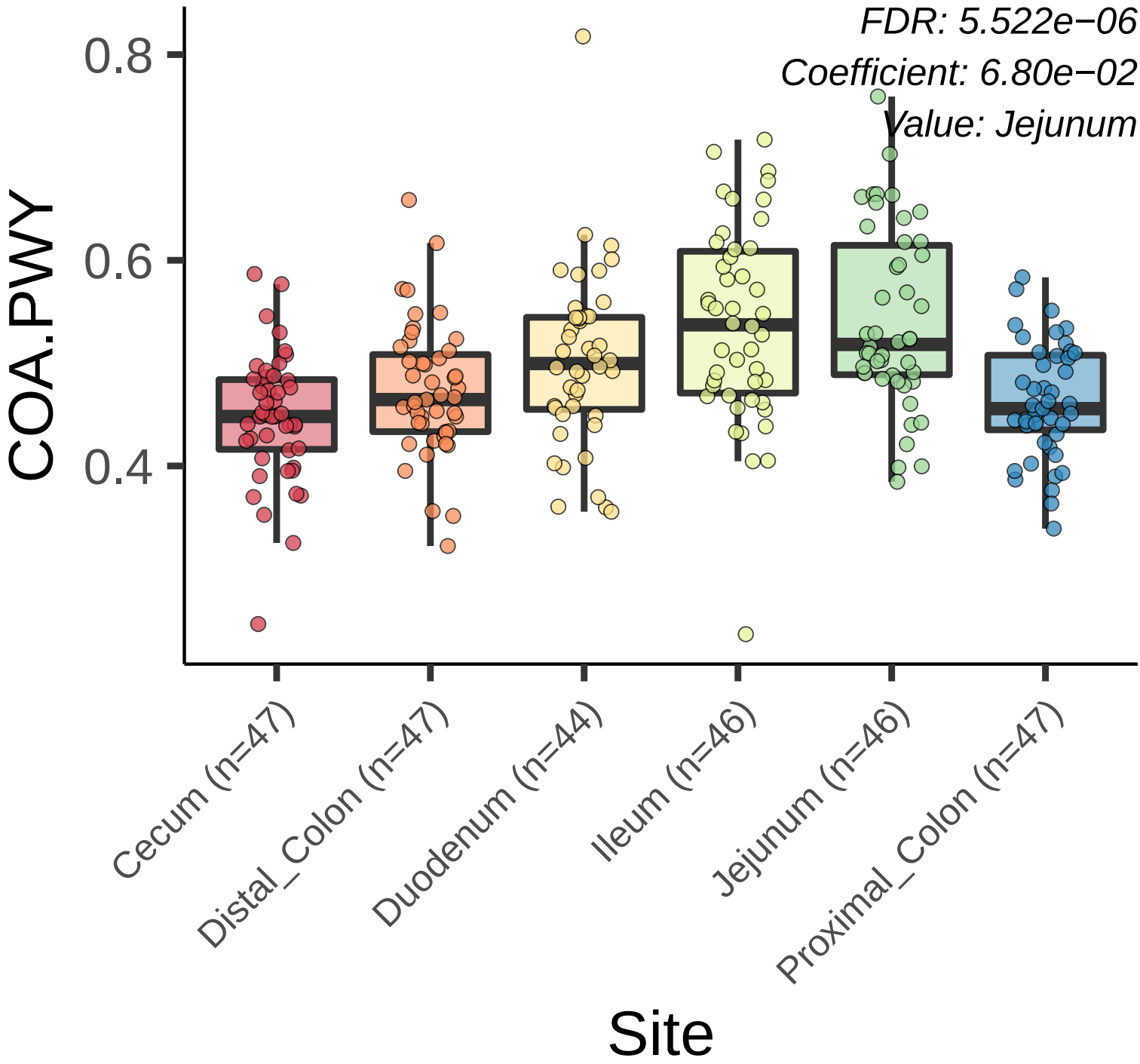
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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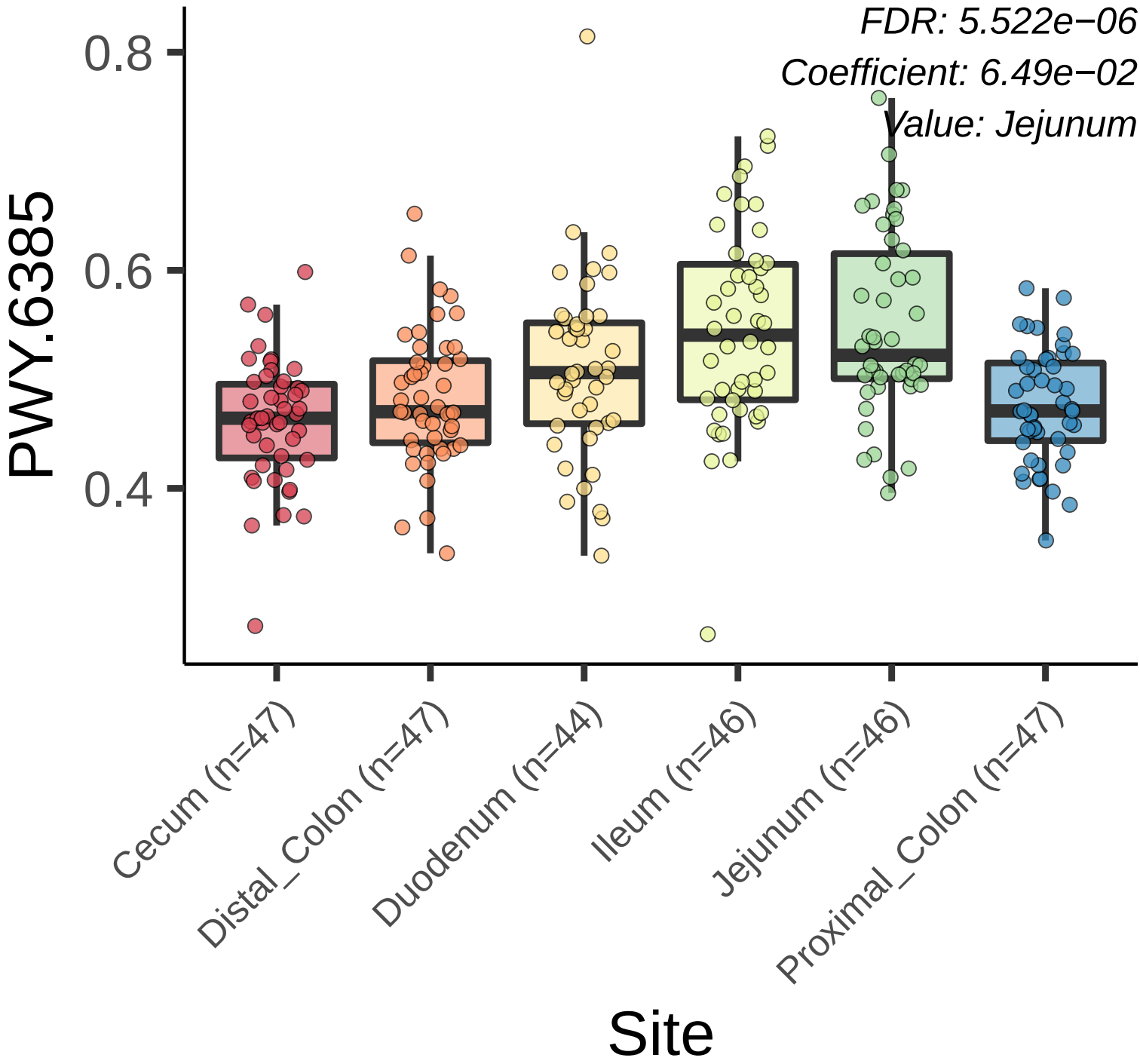
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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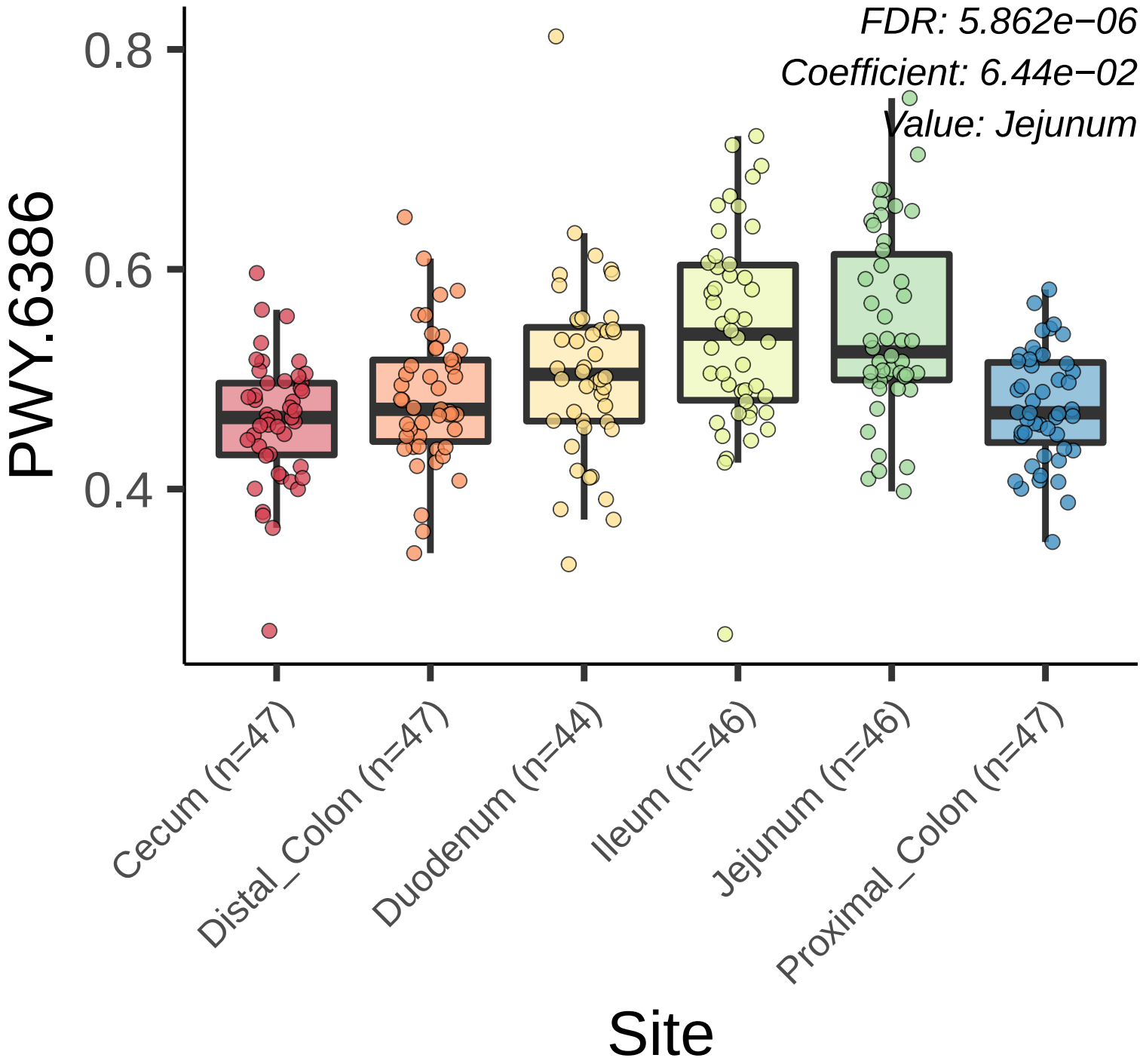
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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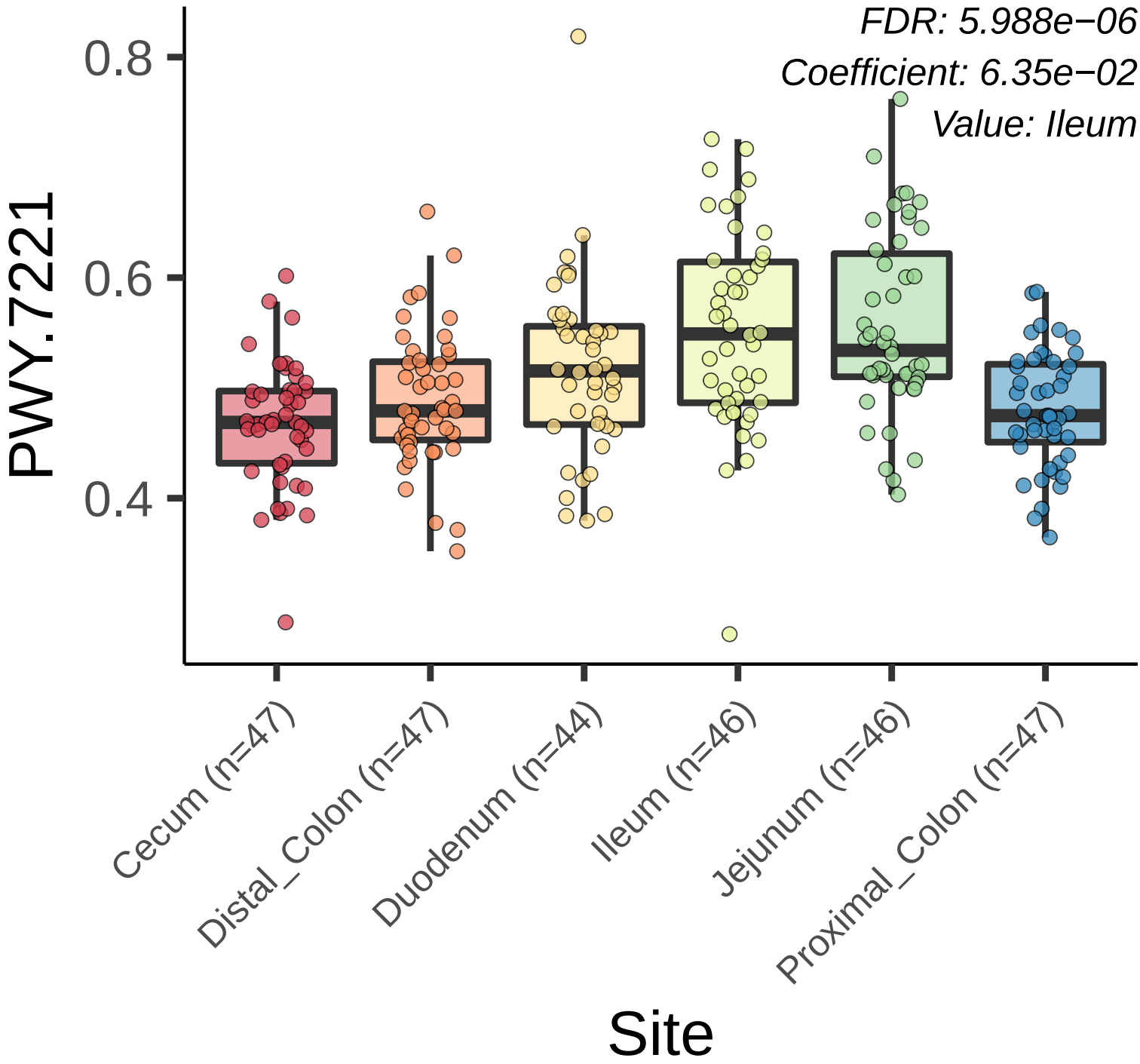
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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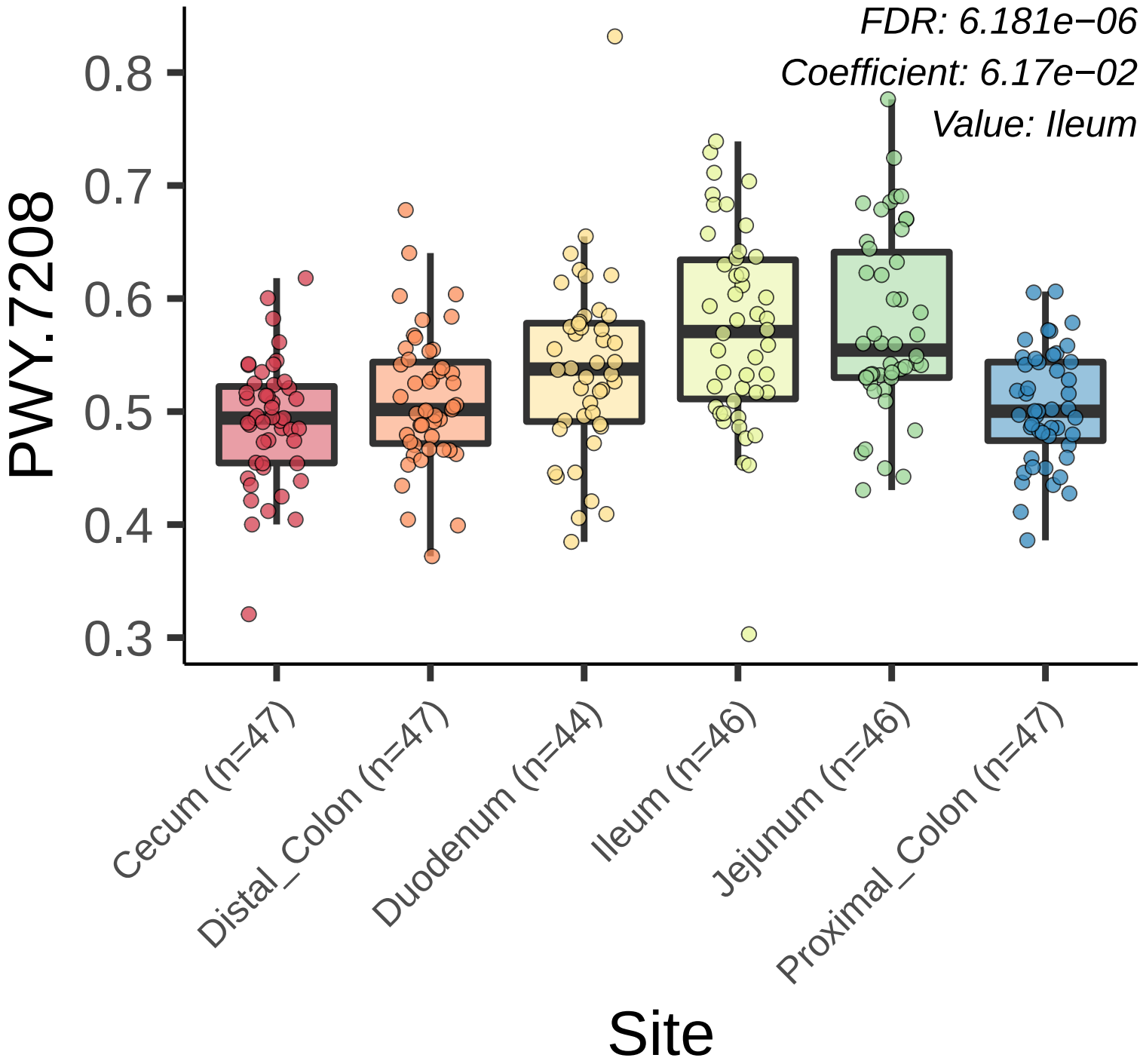
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 6.17e−02
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Cecum (n=47)
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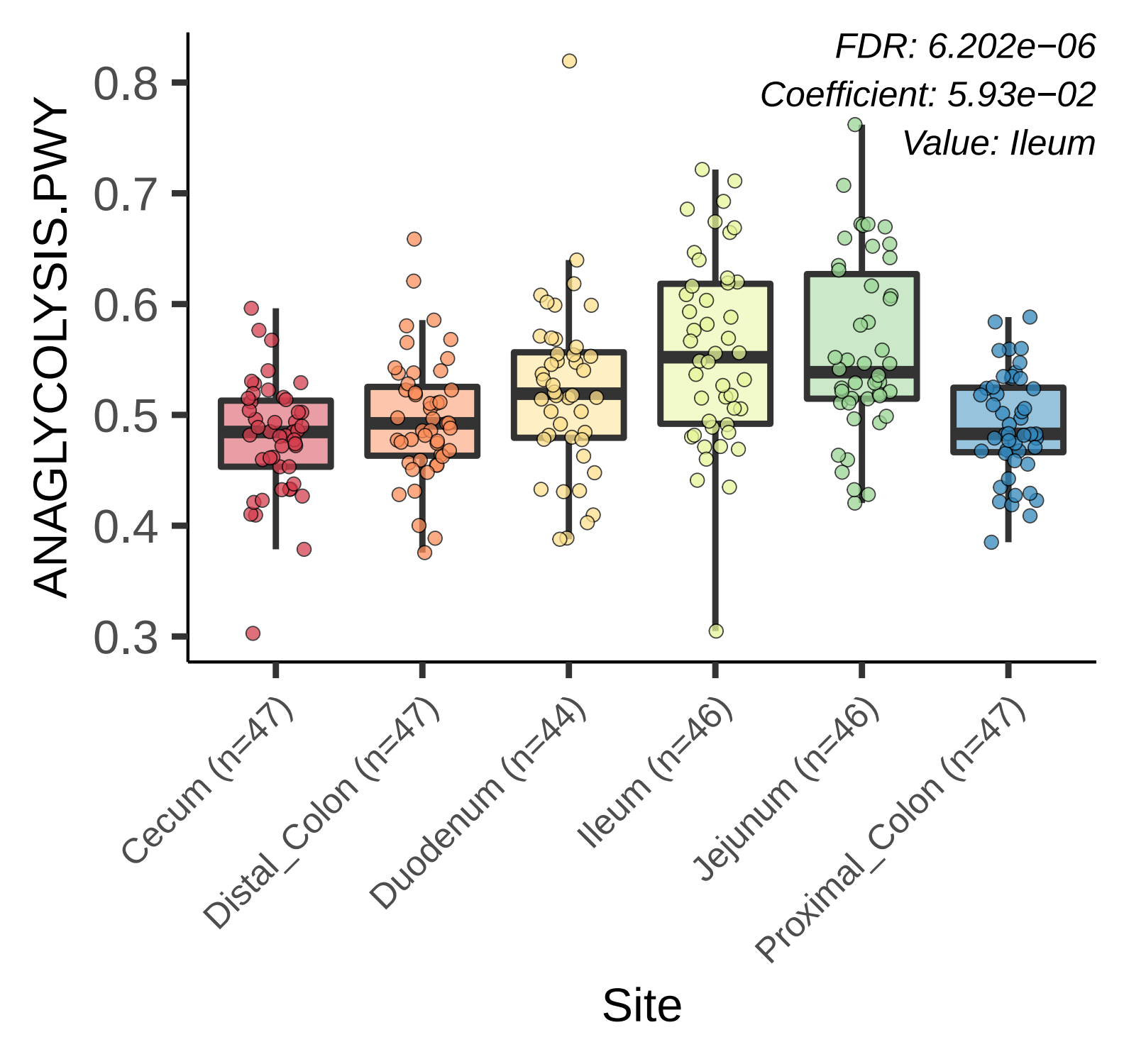
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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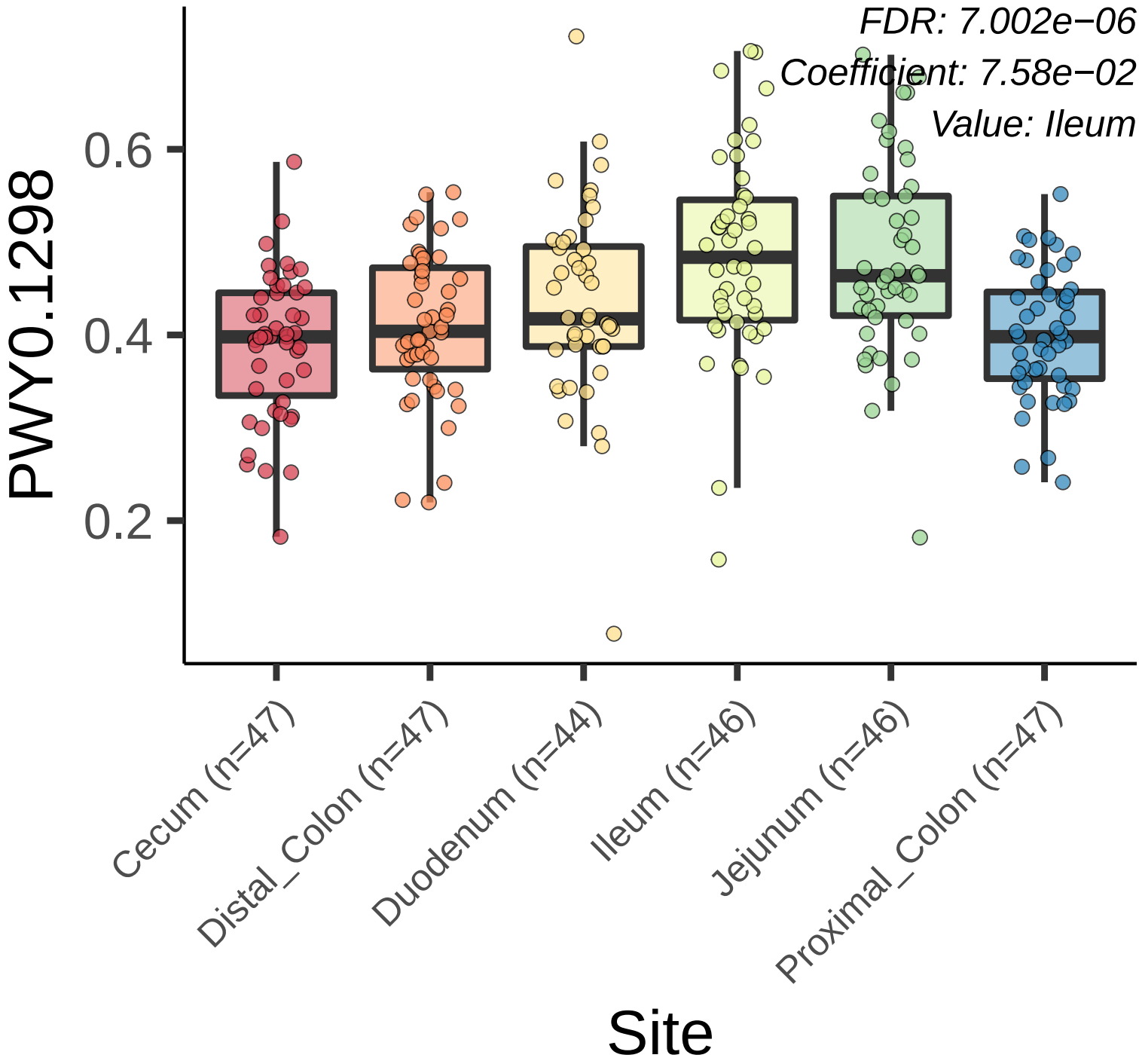
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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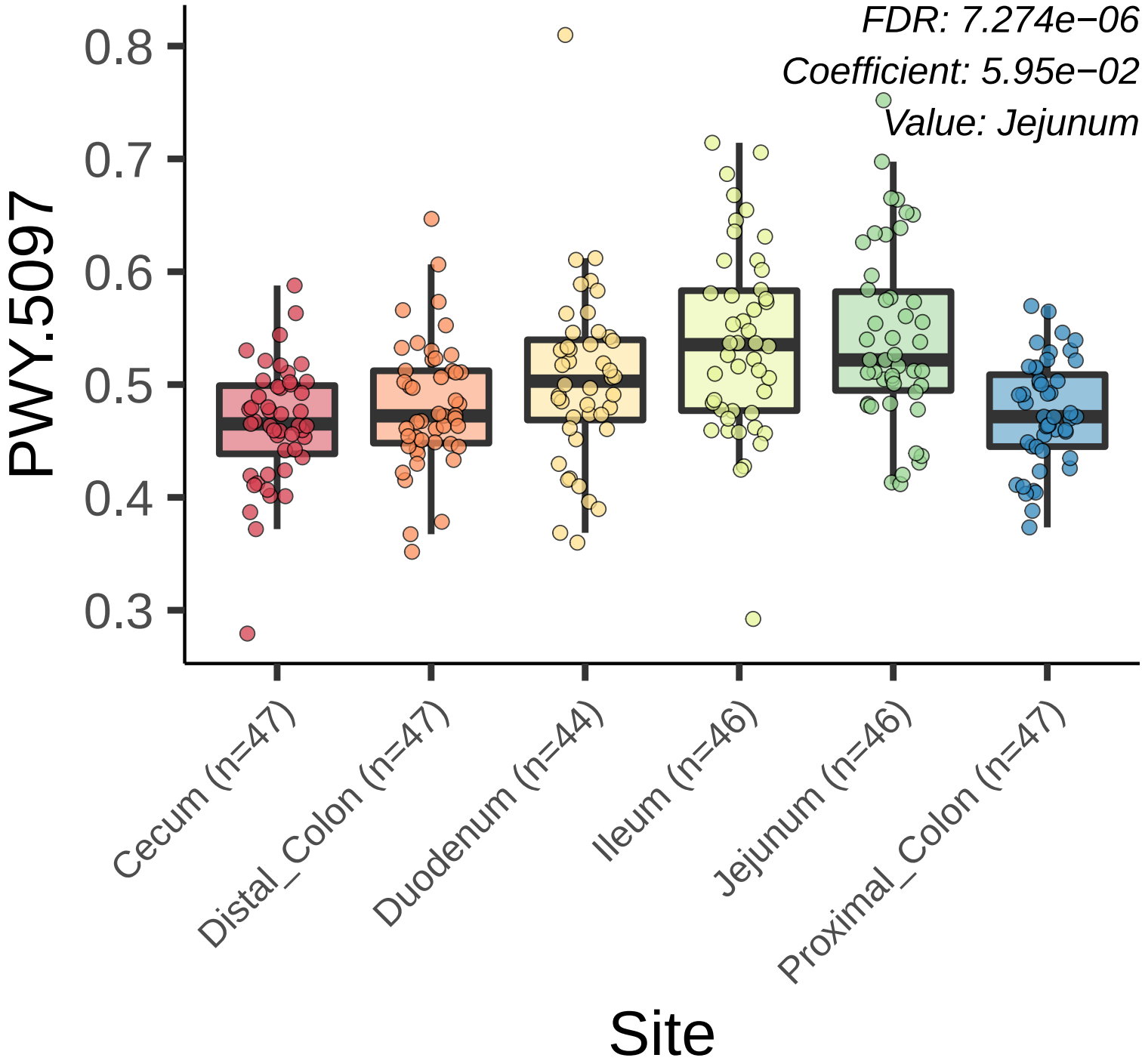
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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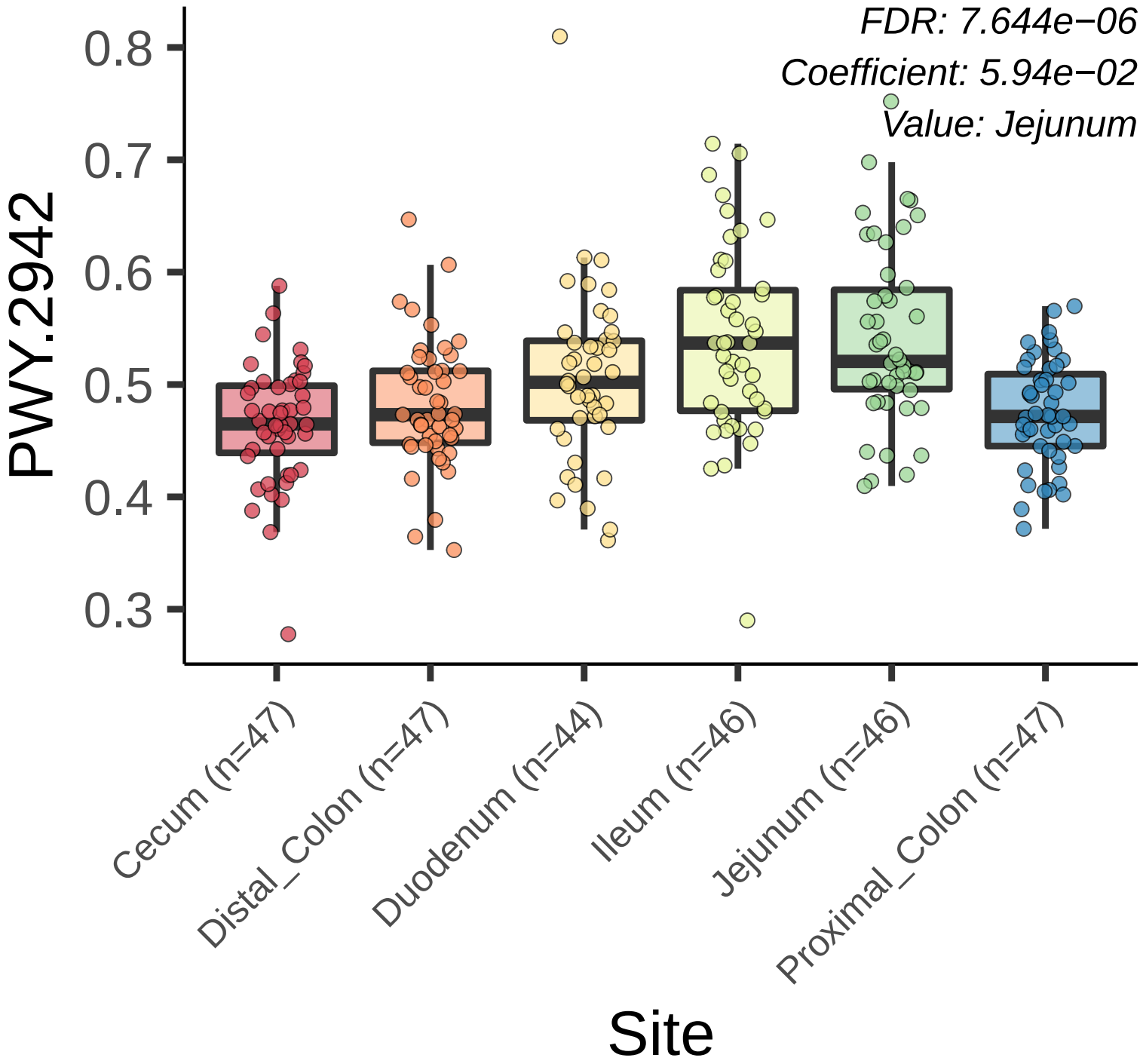
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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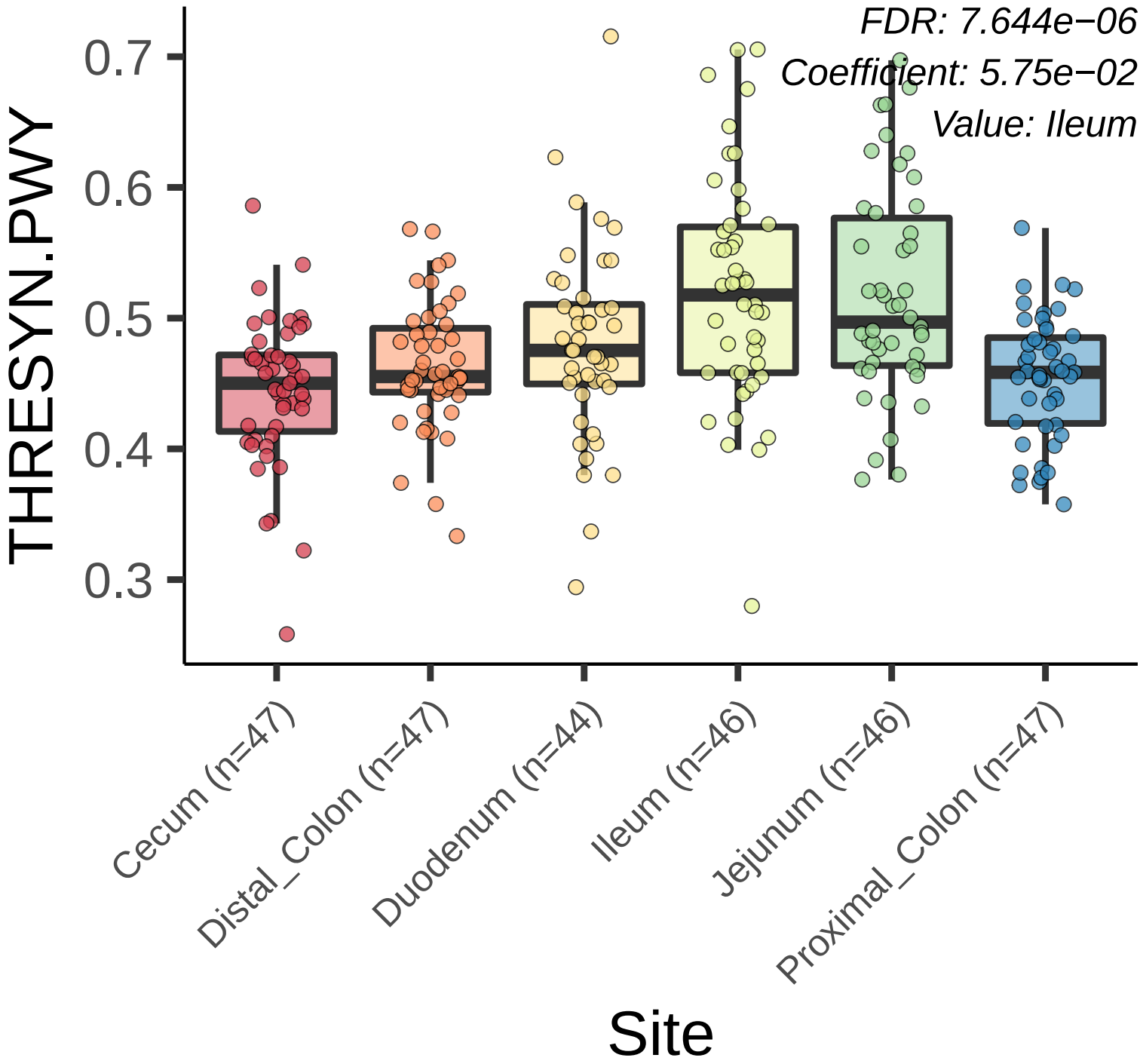
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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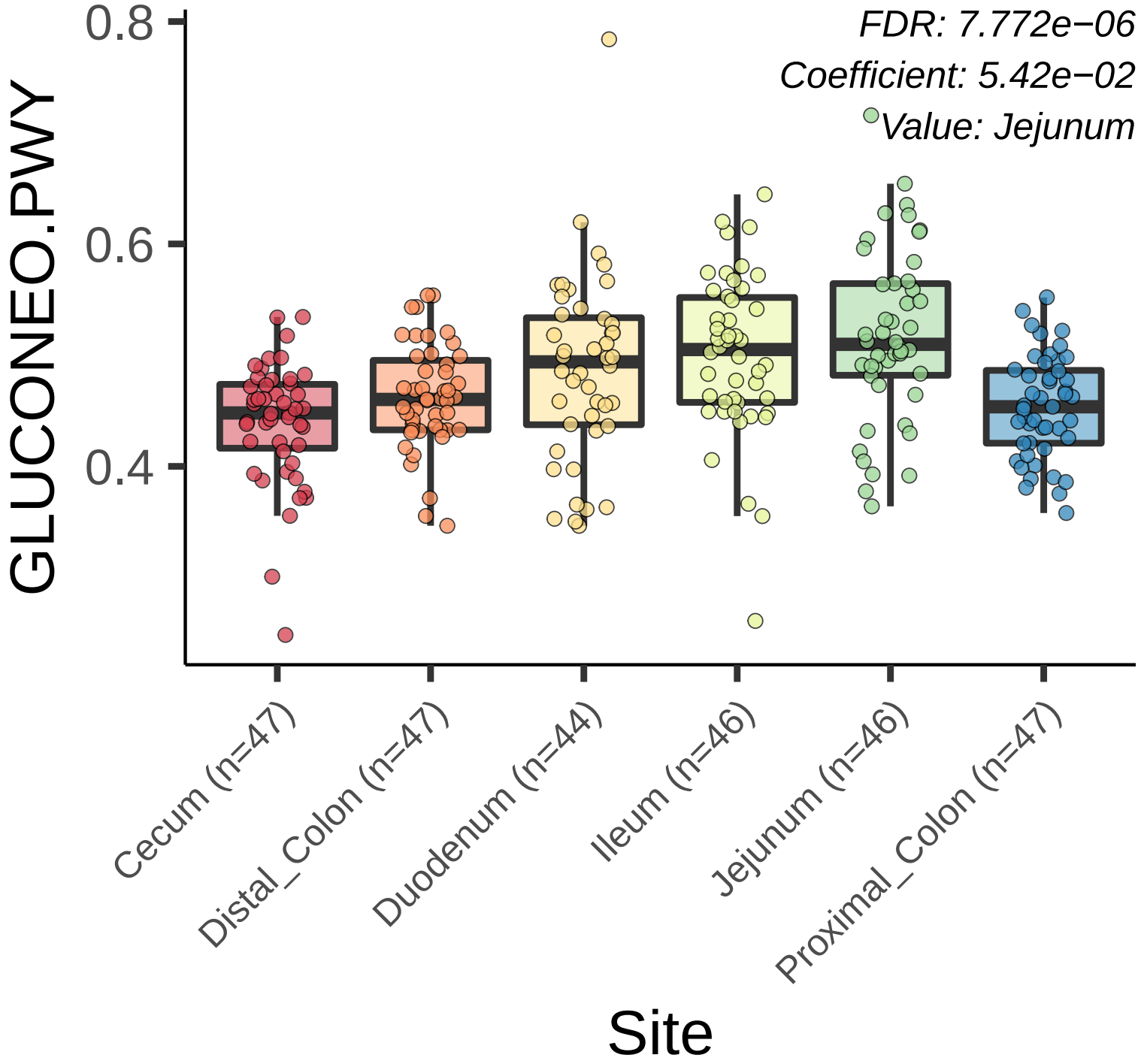
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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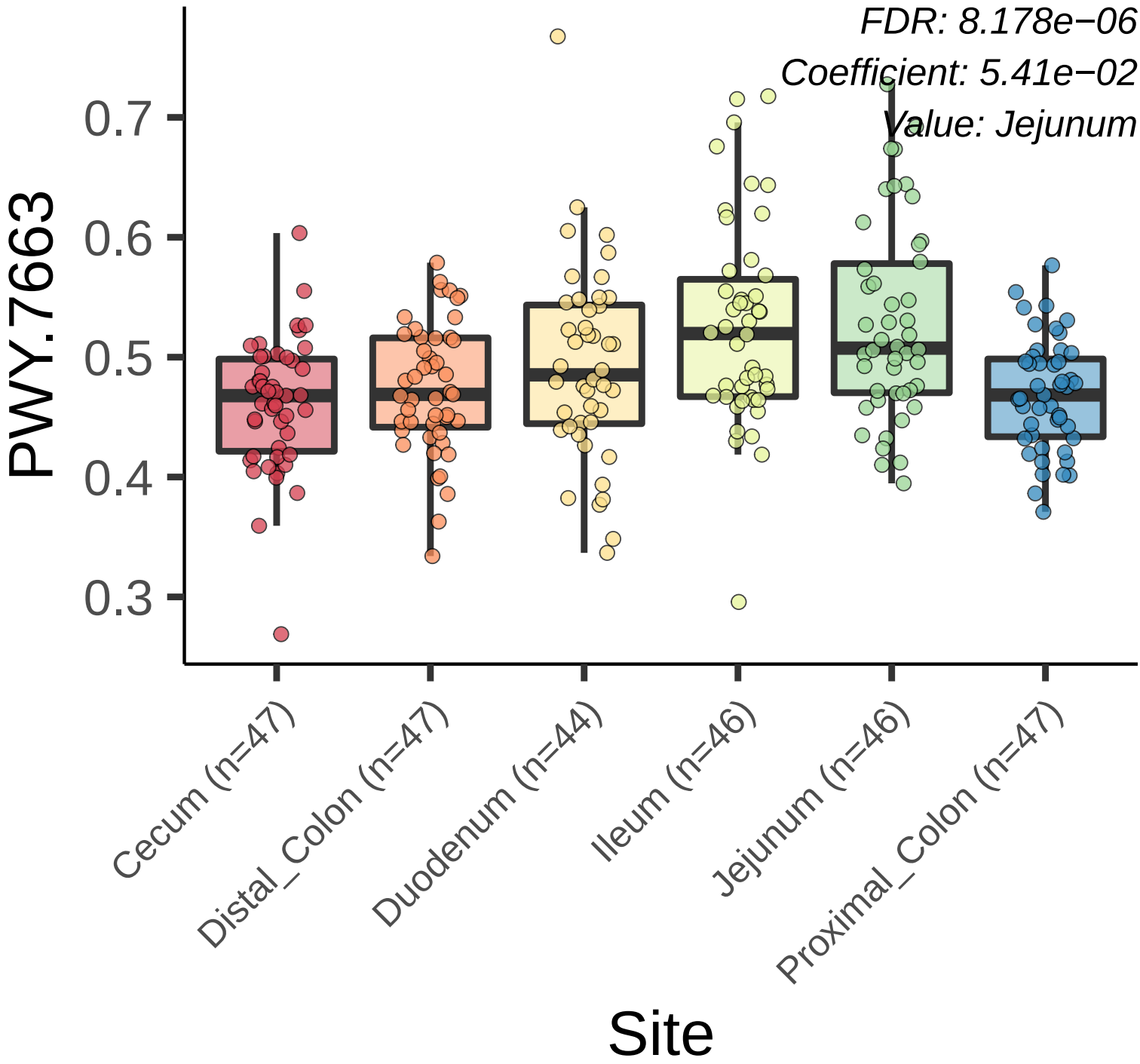
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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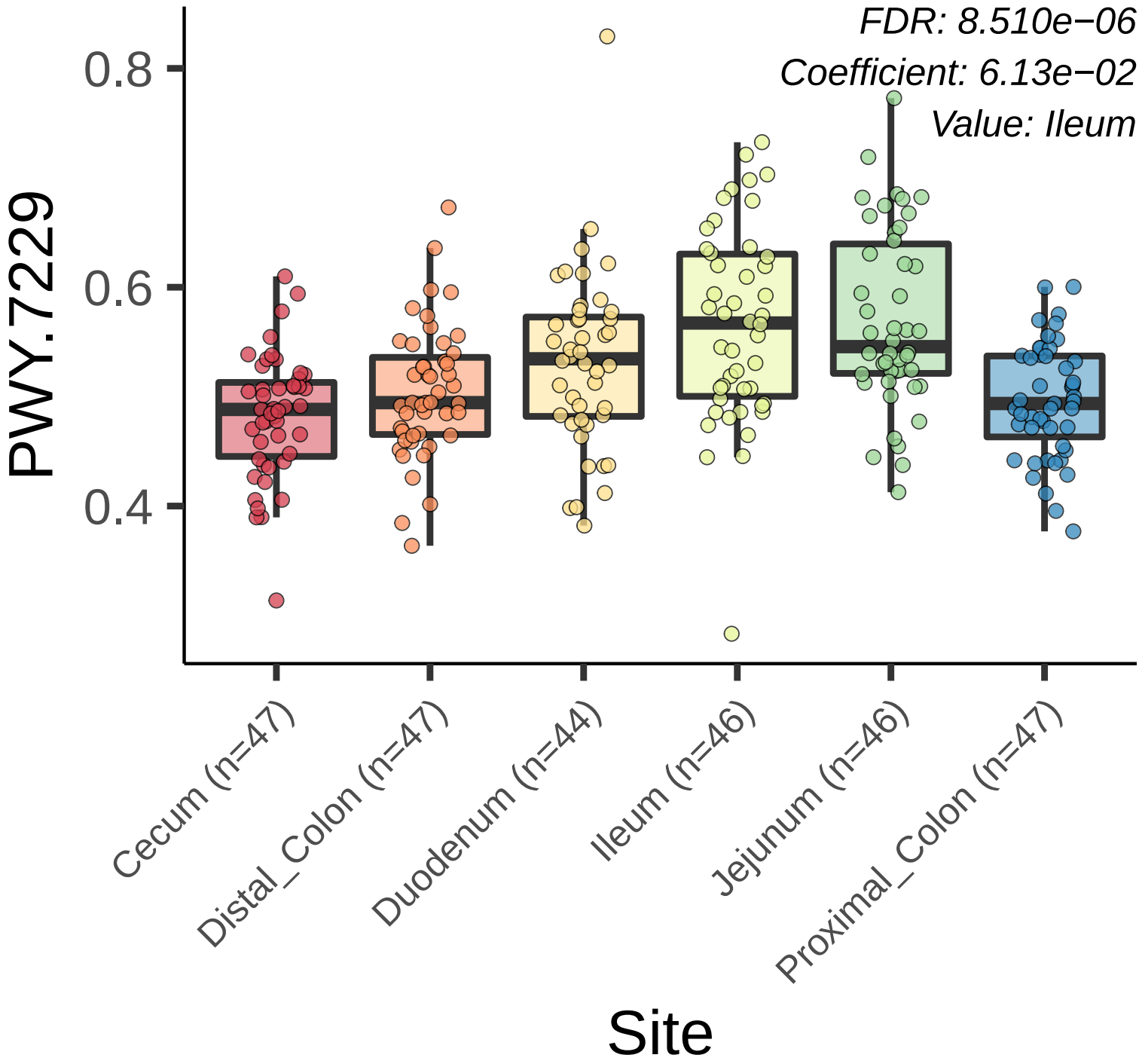
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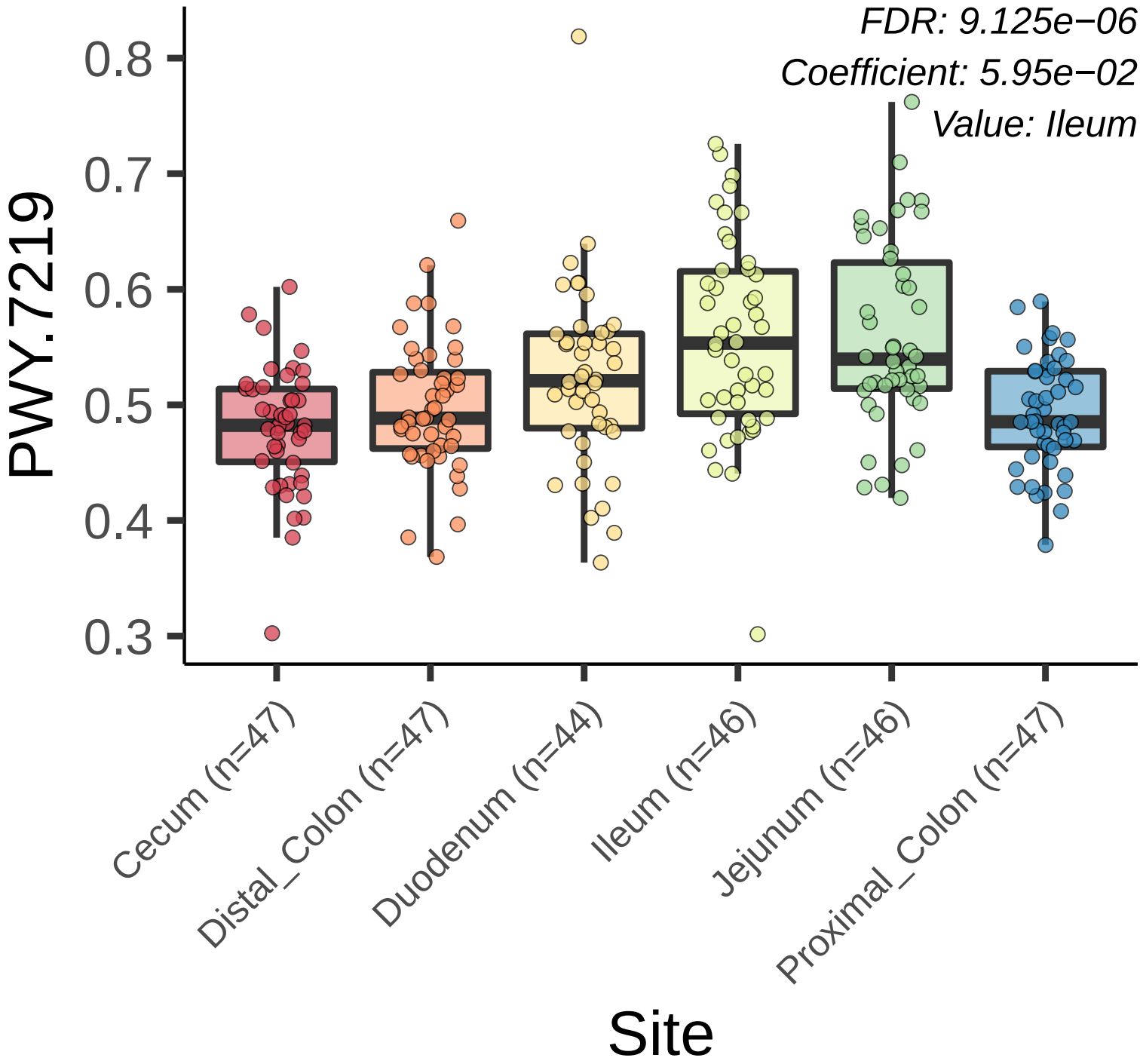
Jejunum (n=46)
Proximal_Colon (n=47)
Site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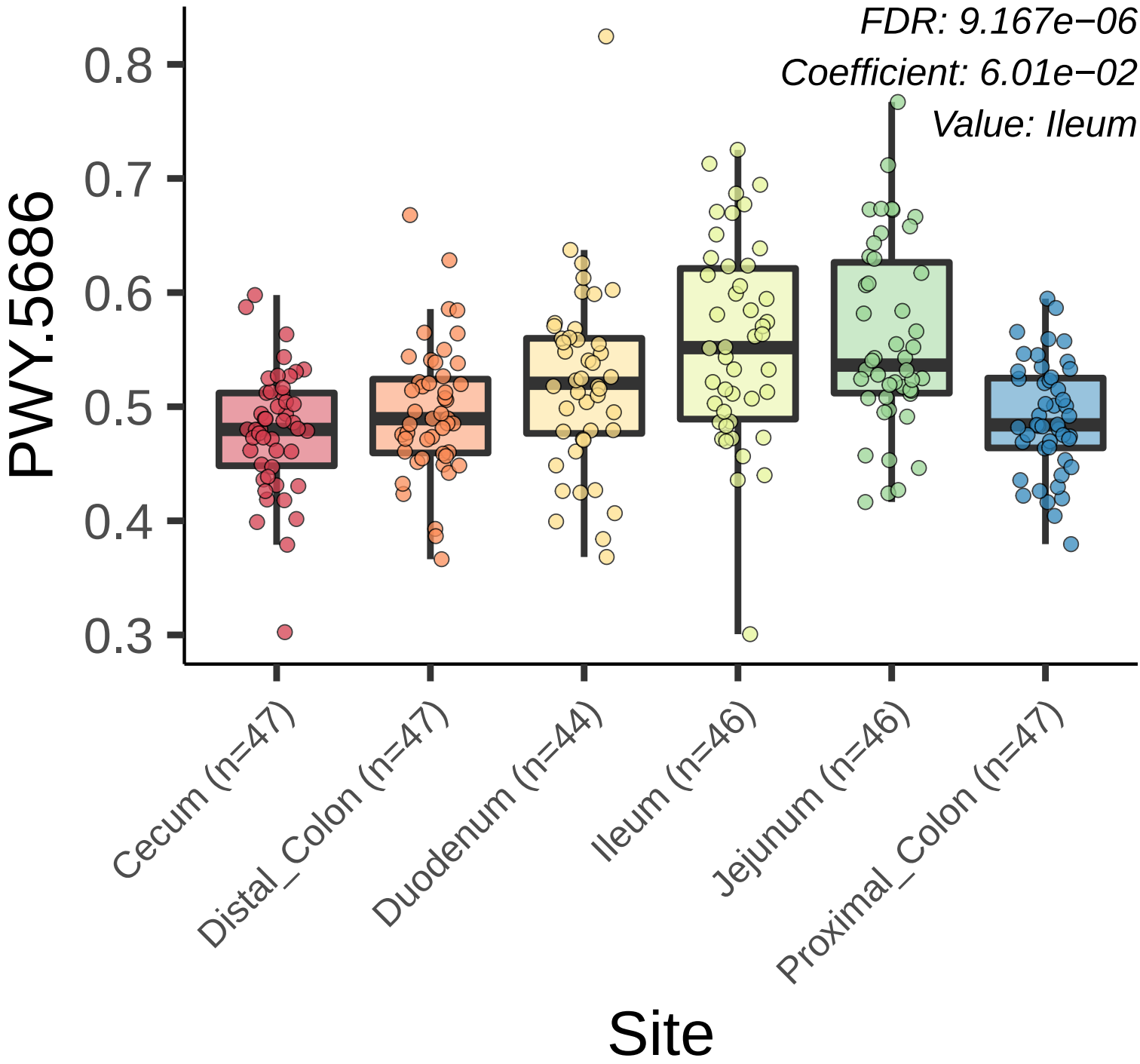
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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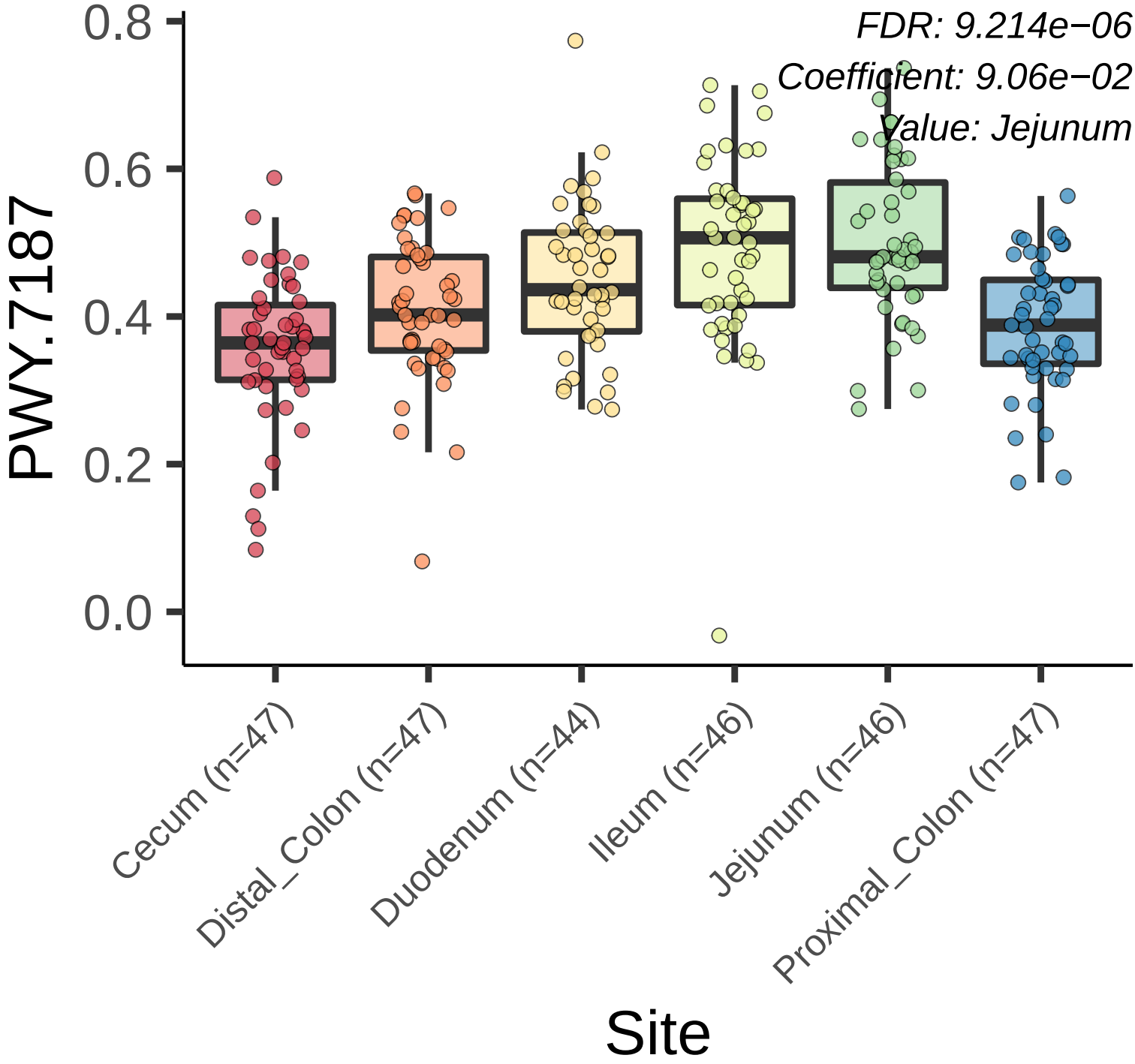
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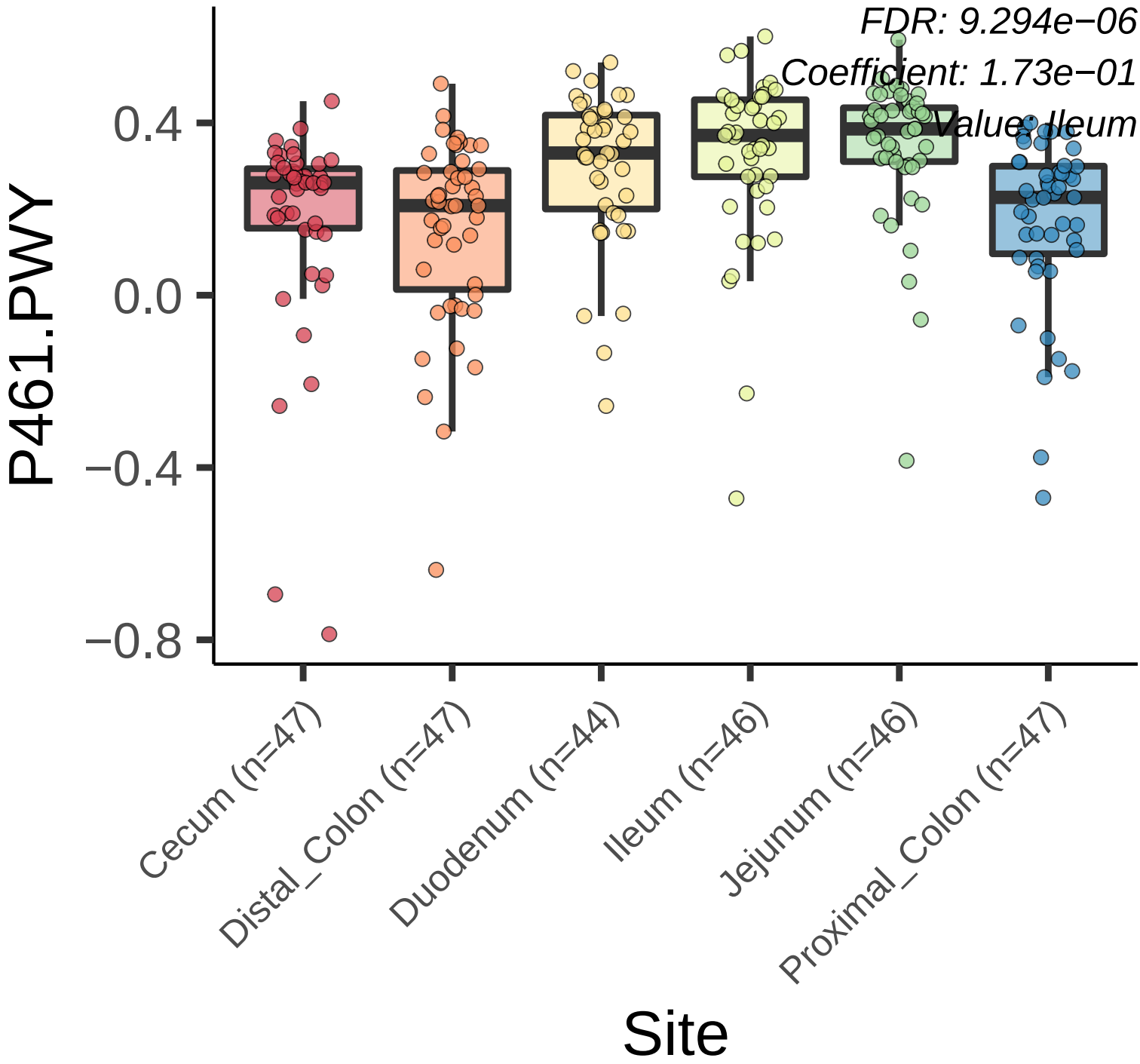
Jejunum (n=46)
Proximal_Colon (n=47)
Site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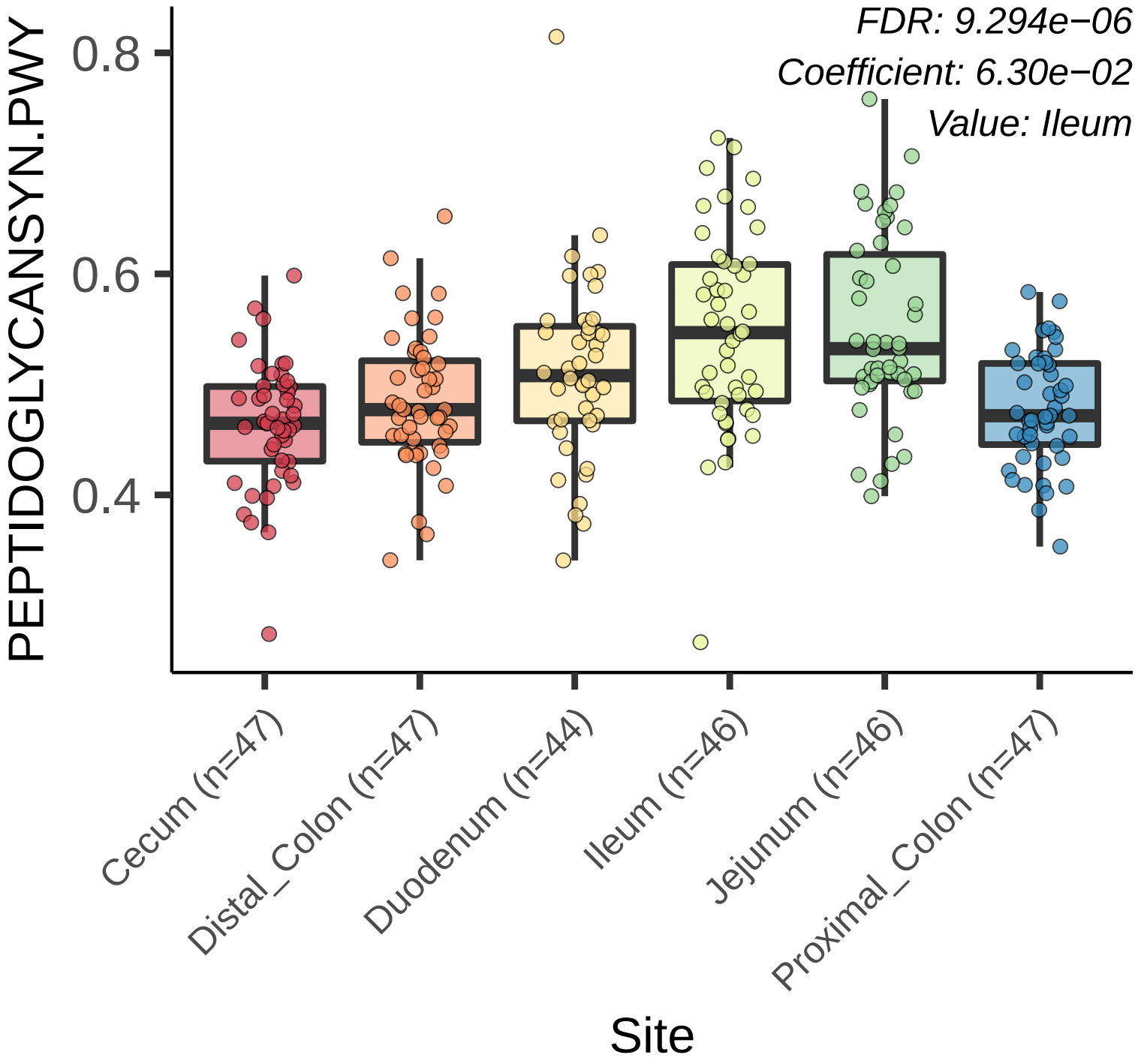
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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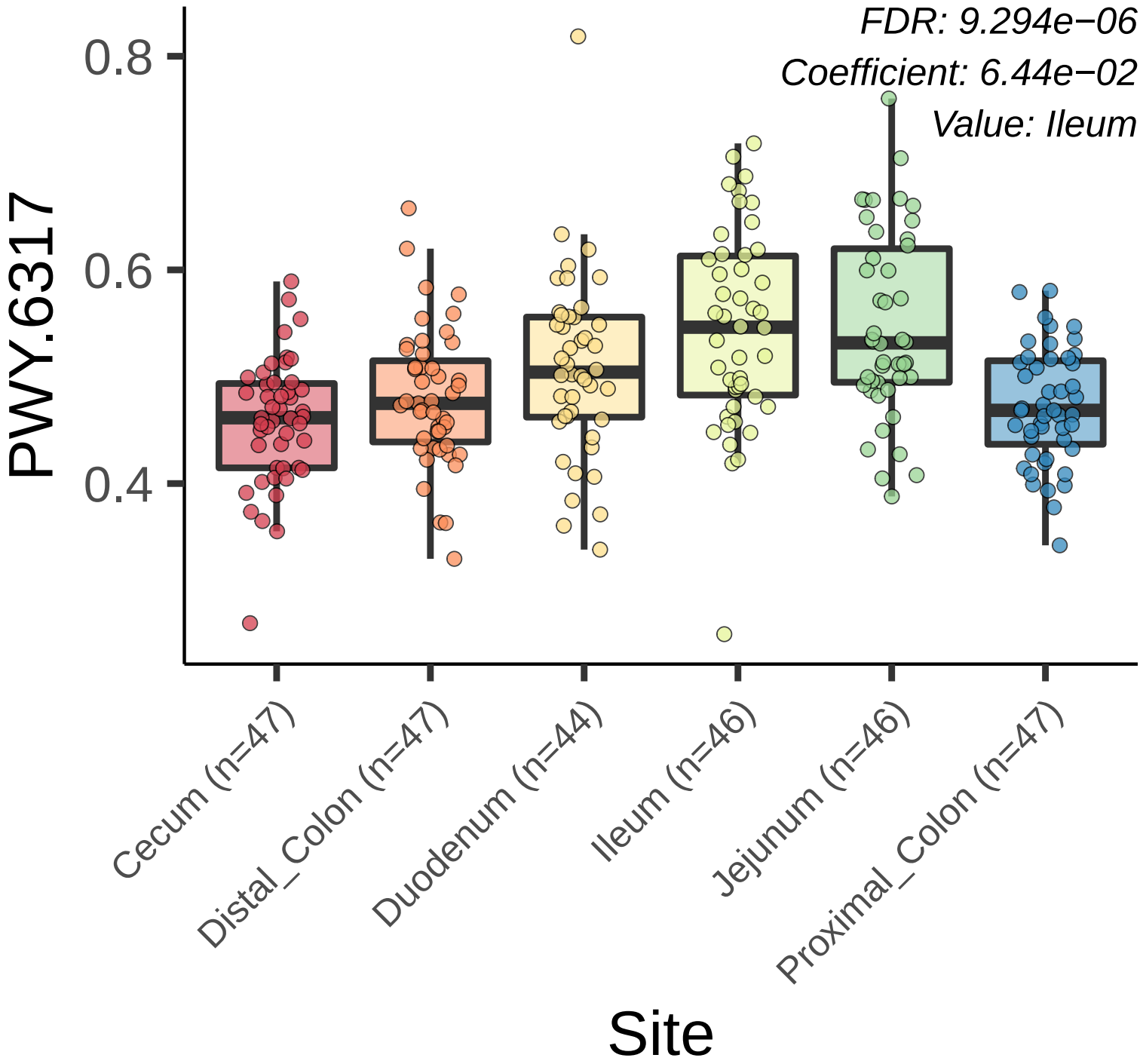
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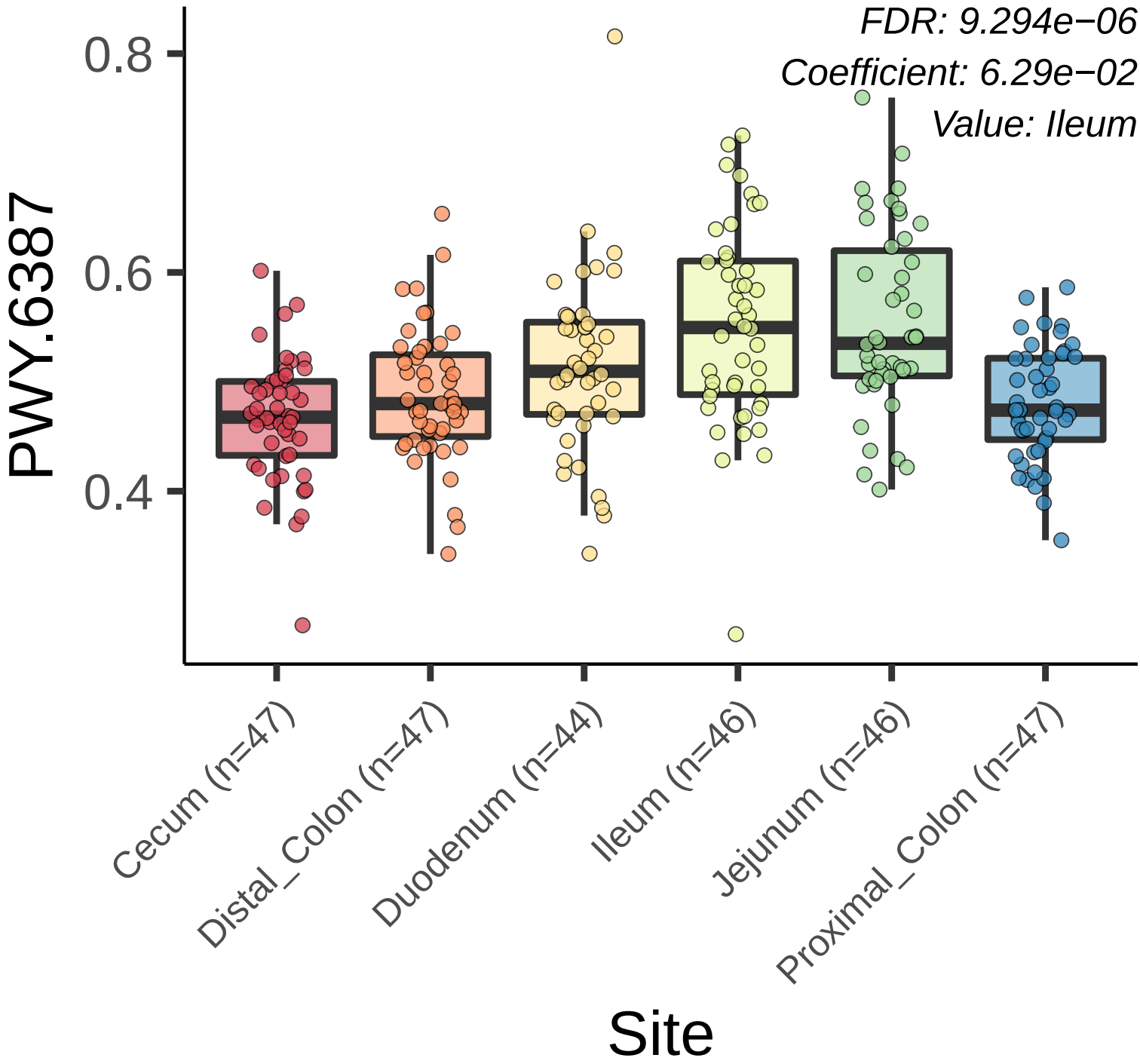
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Jejunum (n=46)
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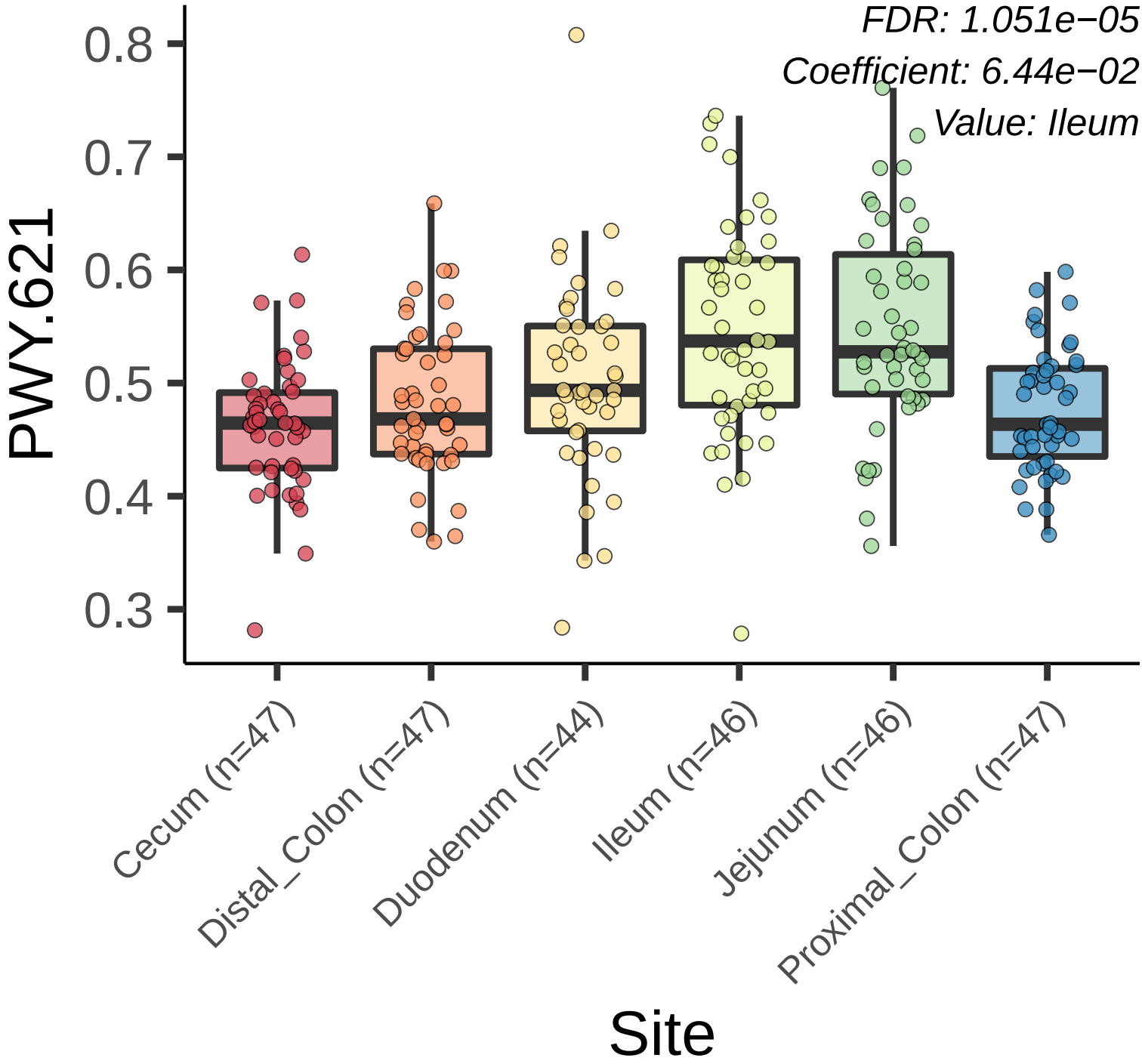
Site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Cecum (n=47)
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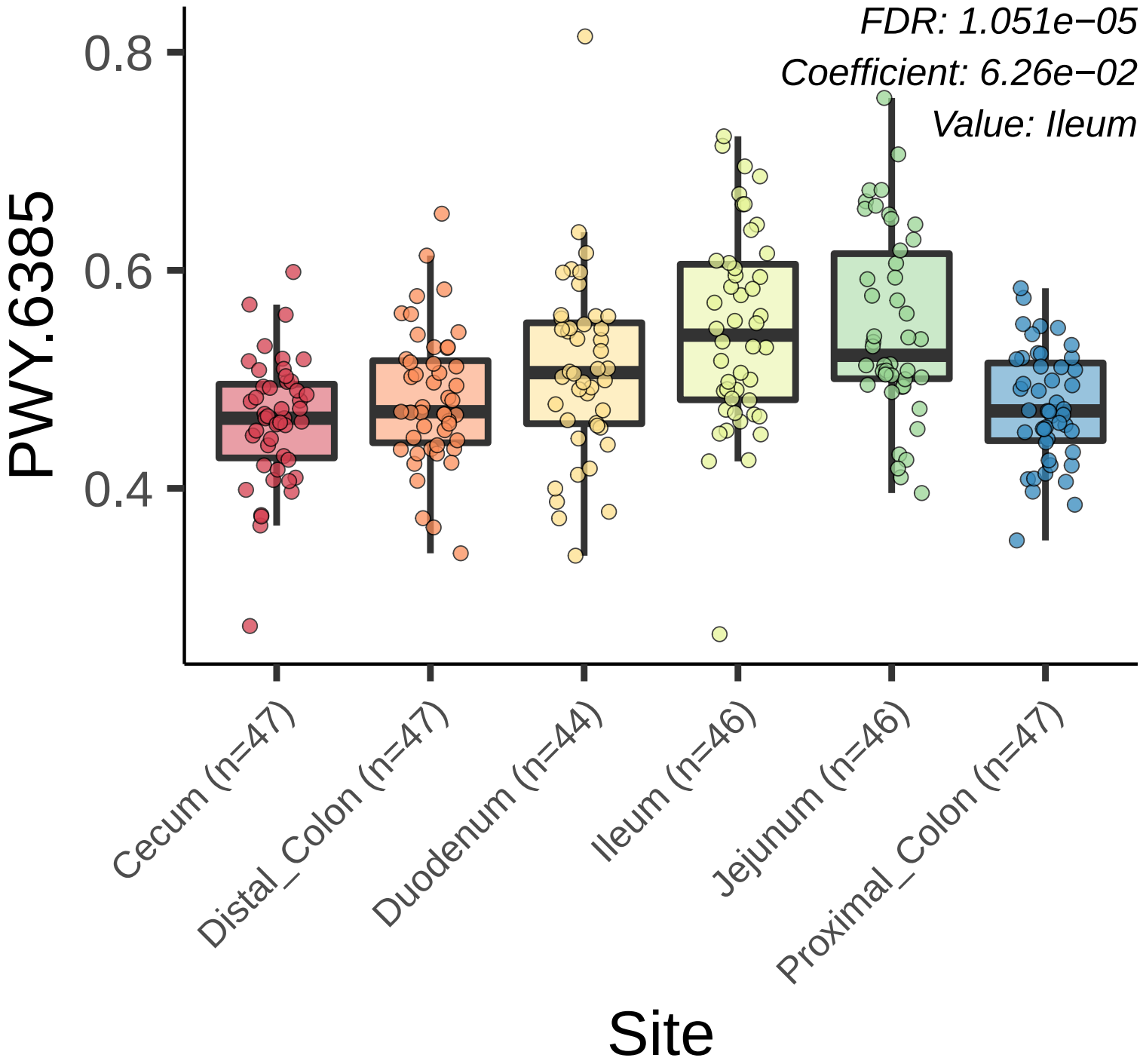
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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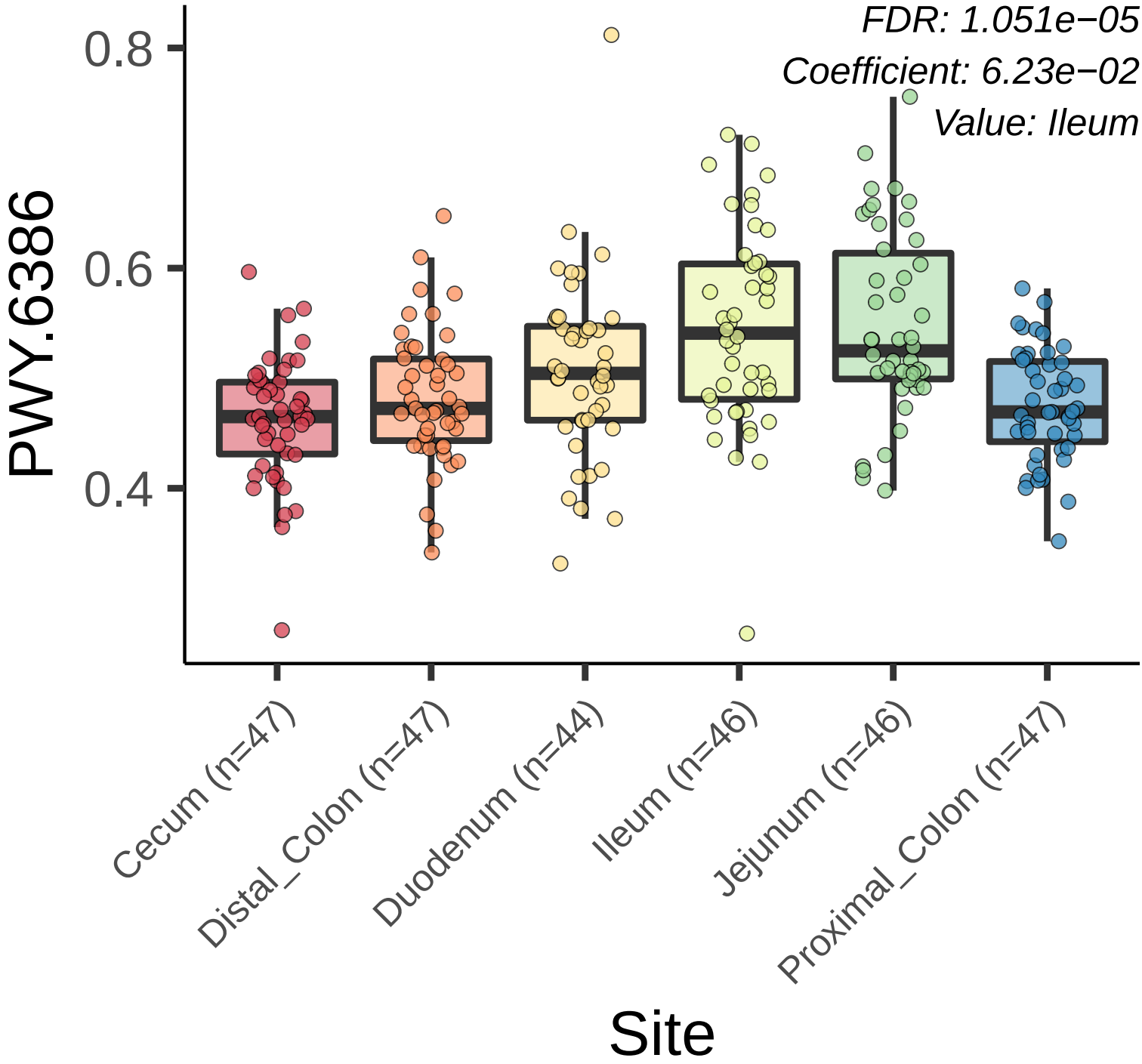
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Jejunum (n=46)
Proximal_Colon (n=47)
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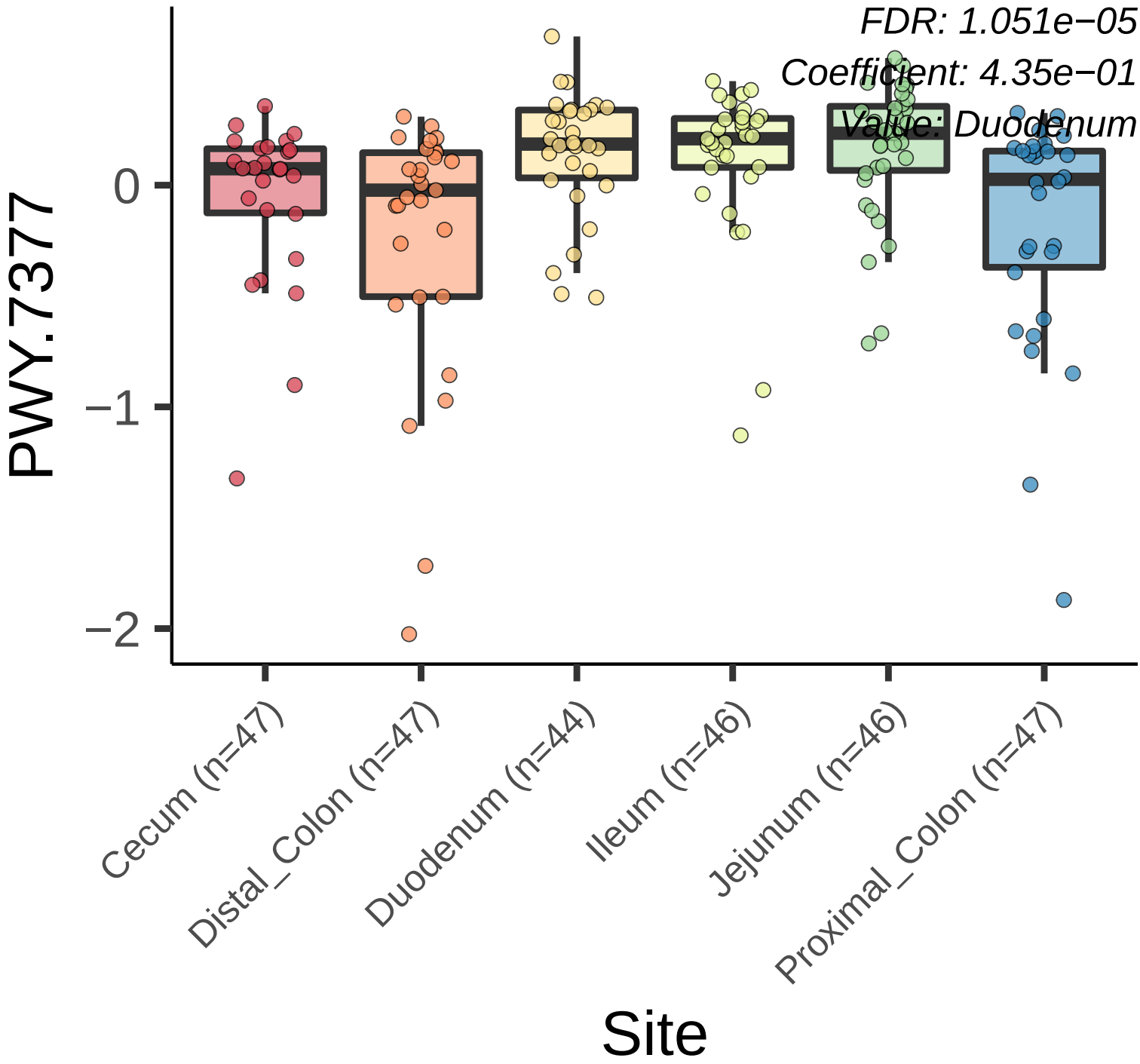
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Jejunum (n=46)
Proximal_Colon (n=47)
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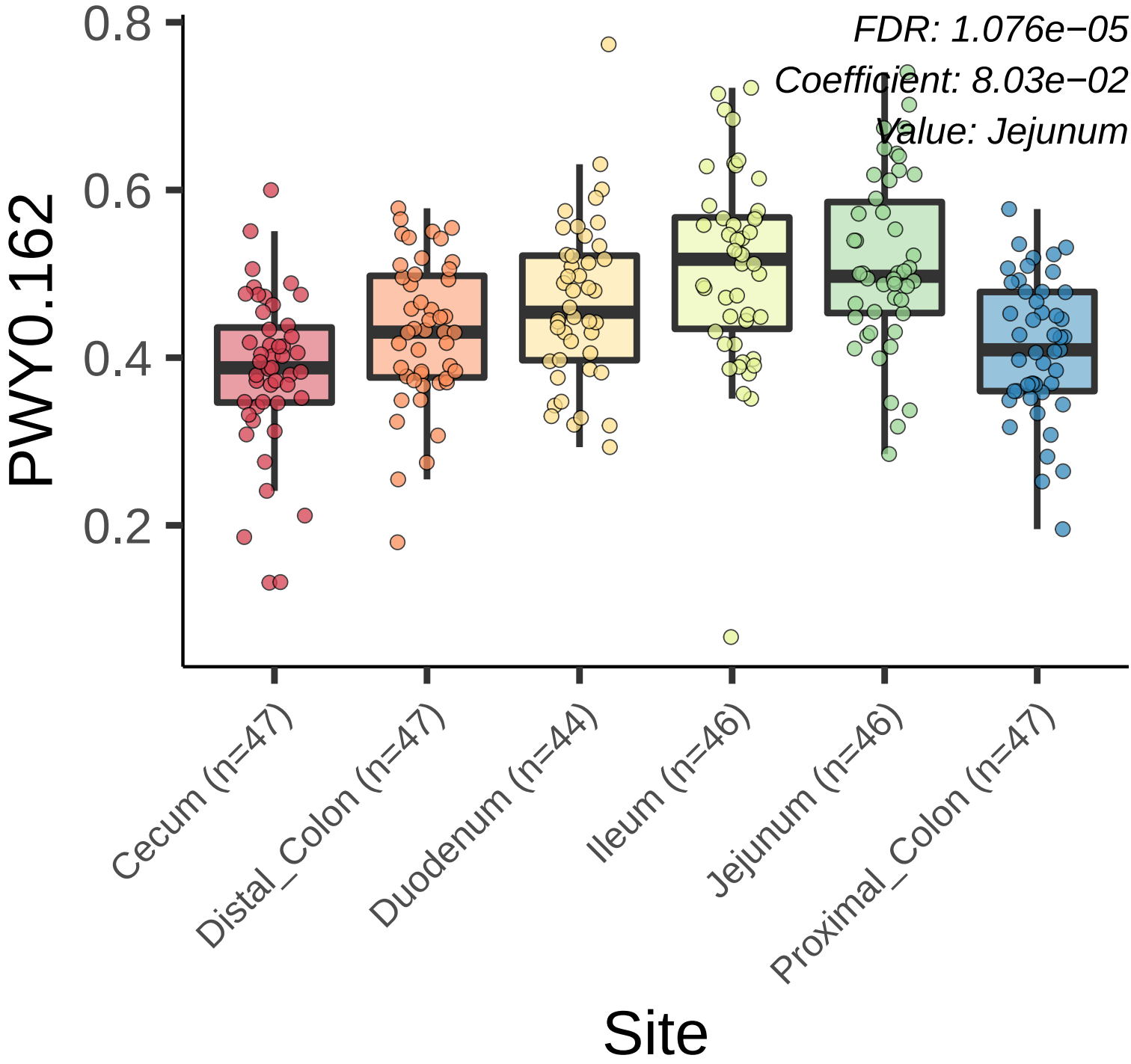
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Jejunum (n=46)
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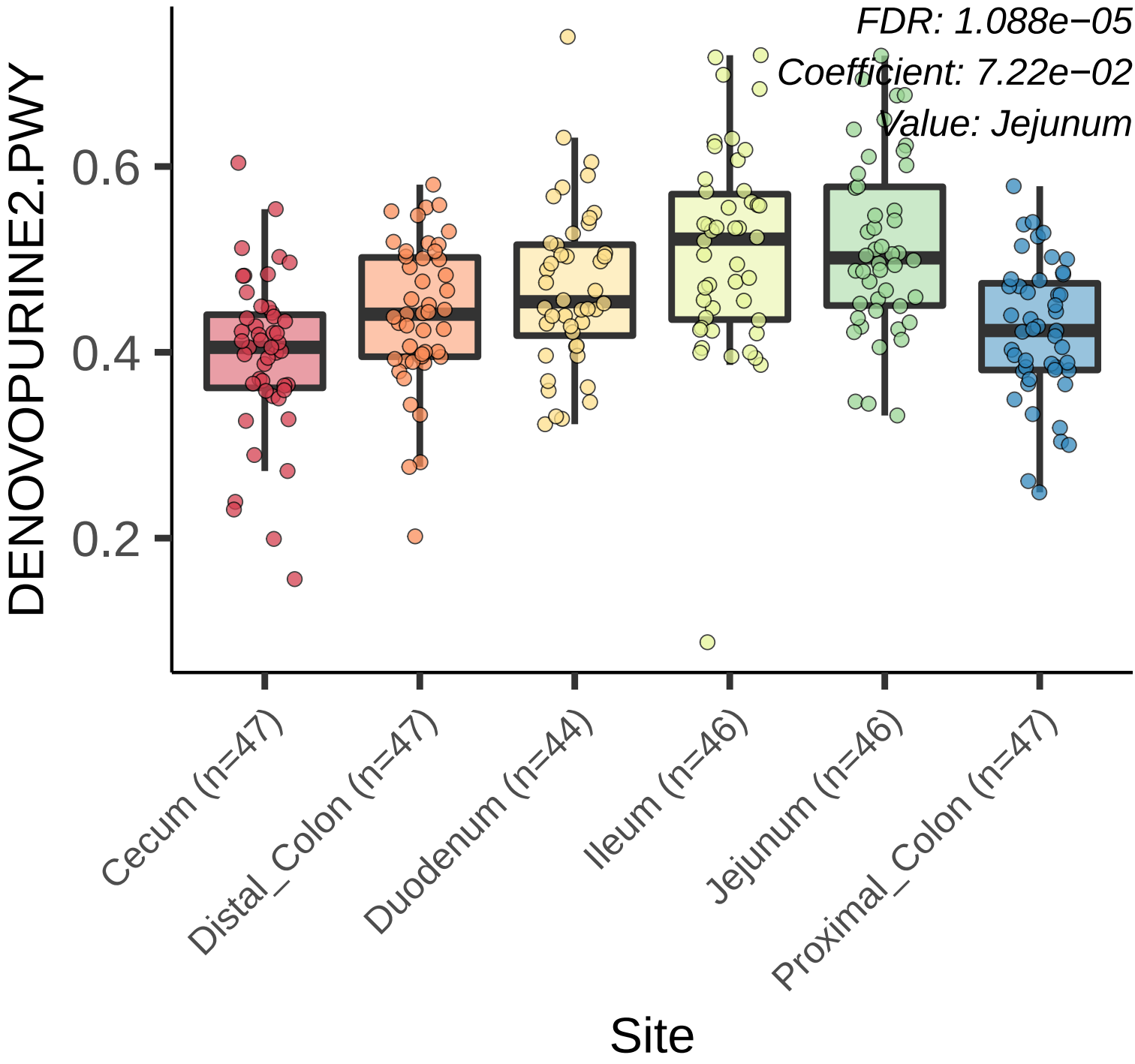
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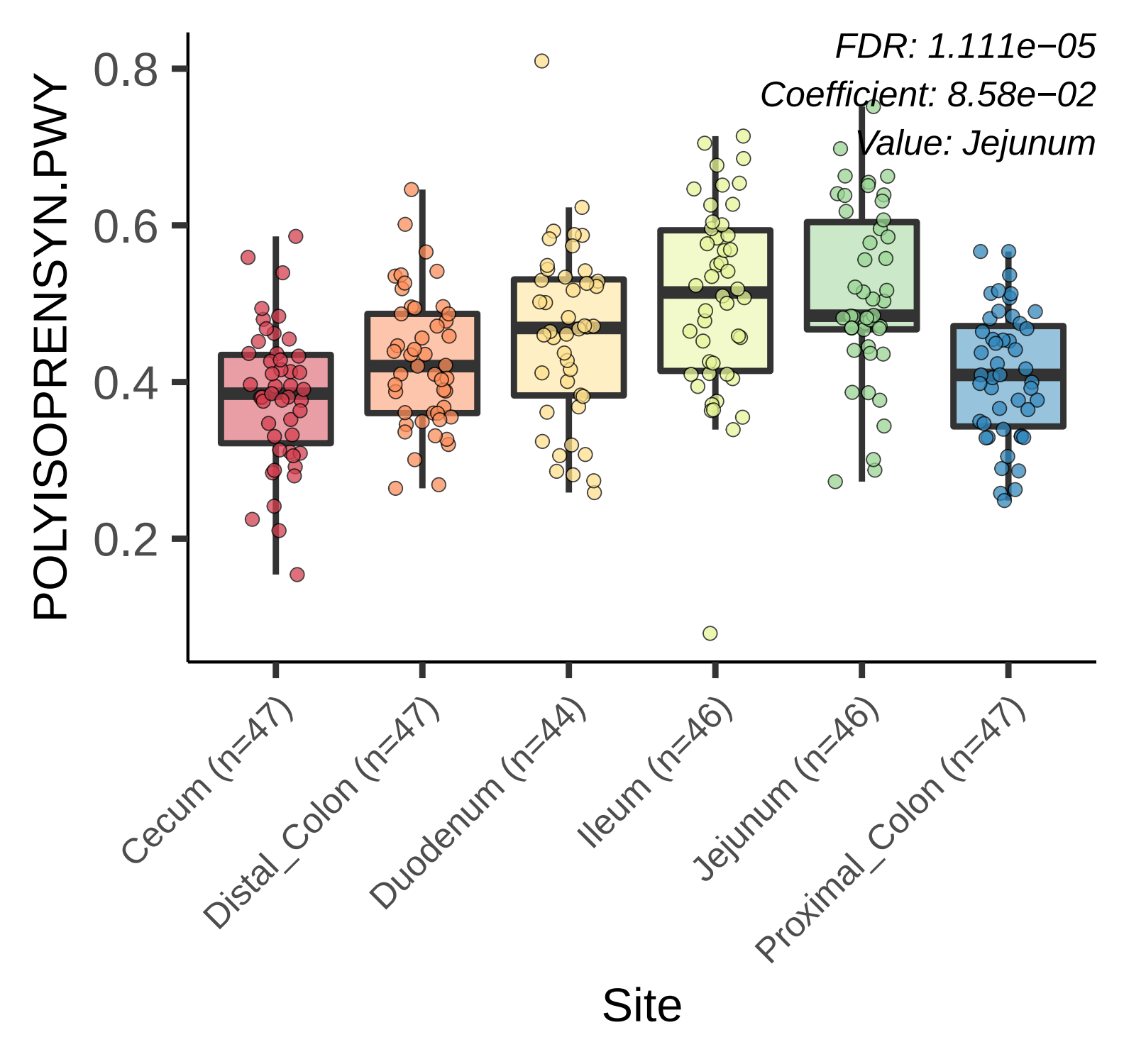
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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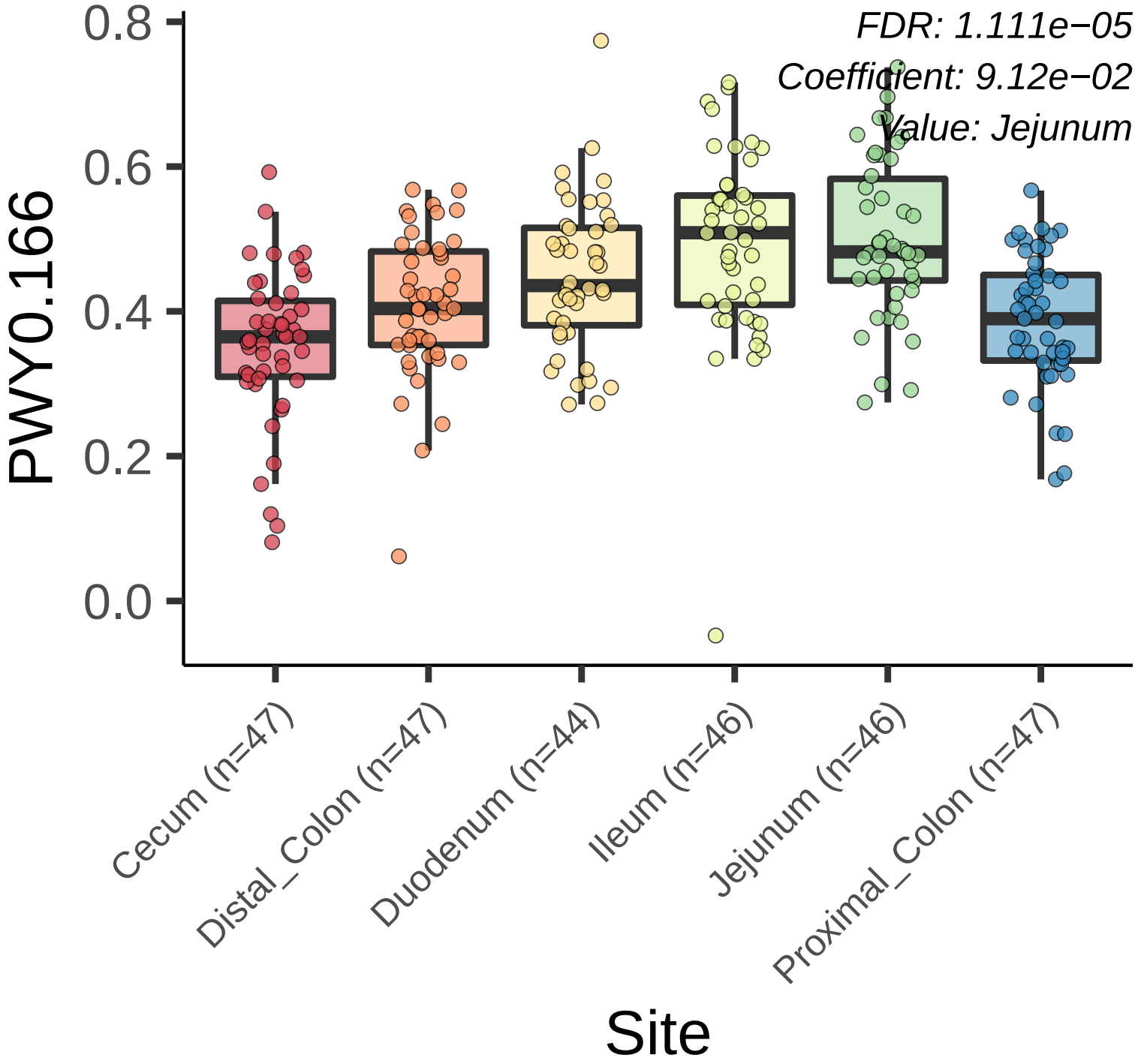
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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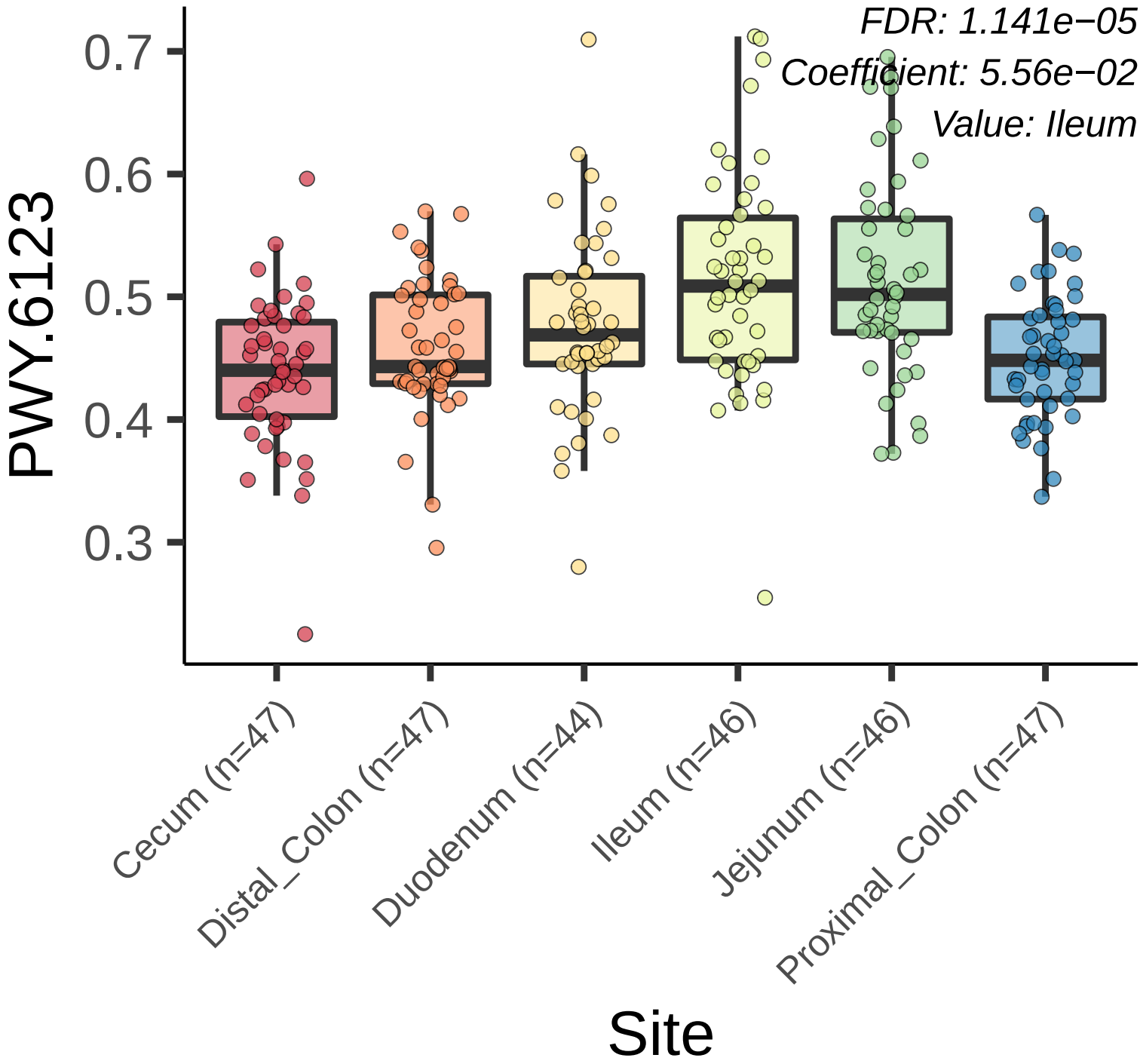
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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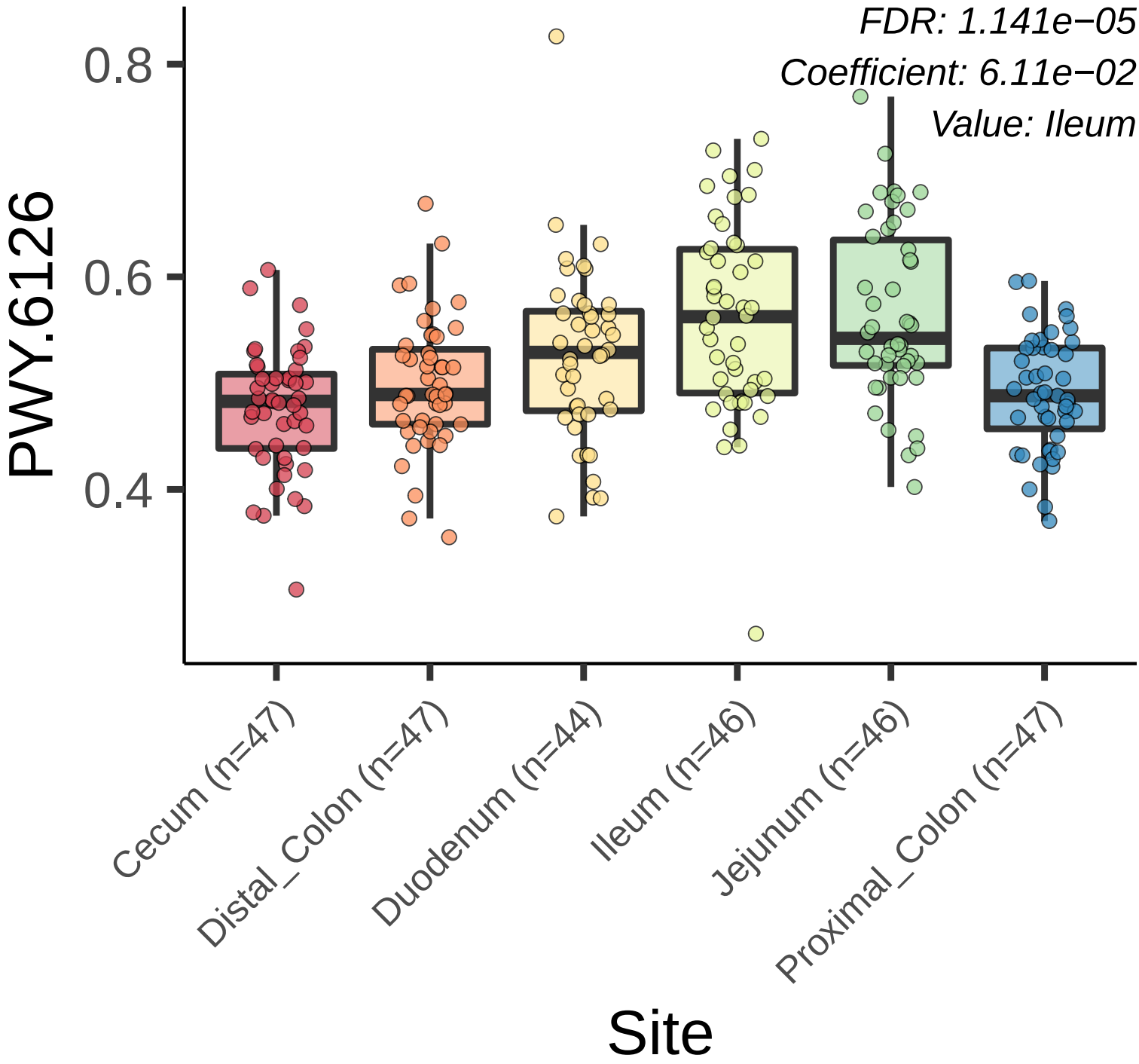
Jejunum (n=46)
Proximal_Colon (n=47)
Site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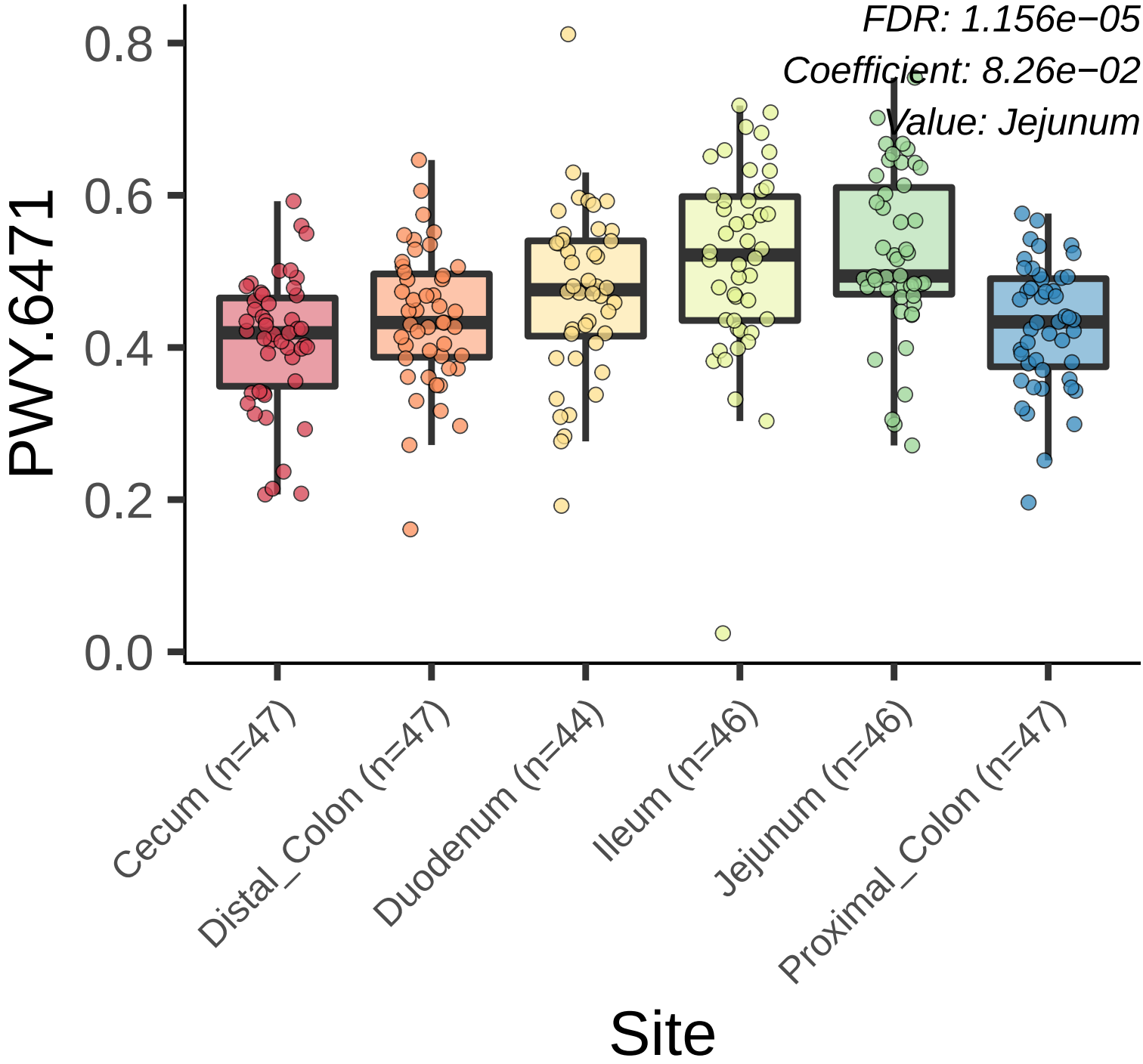
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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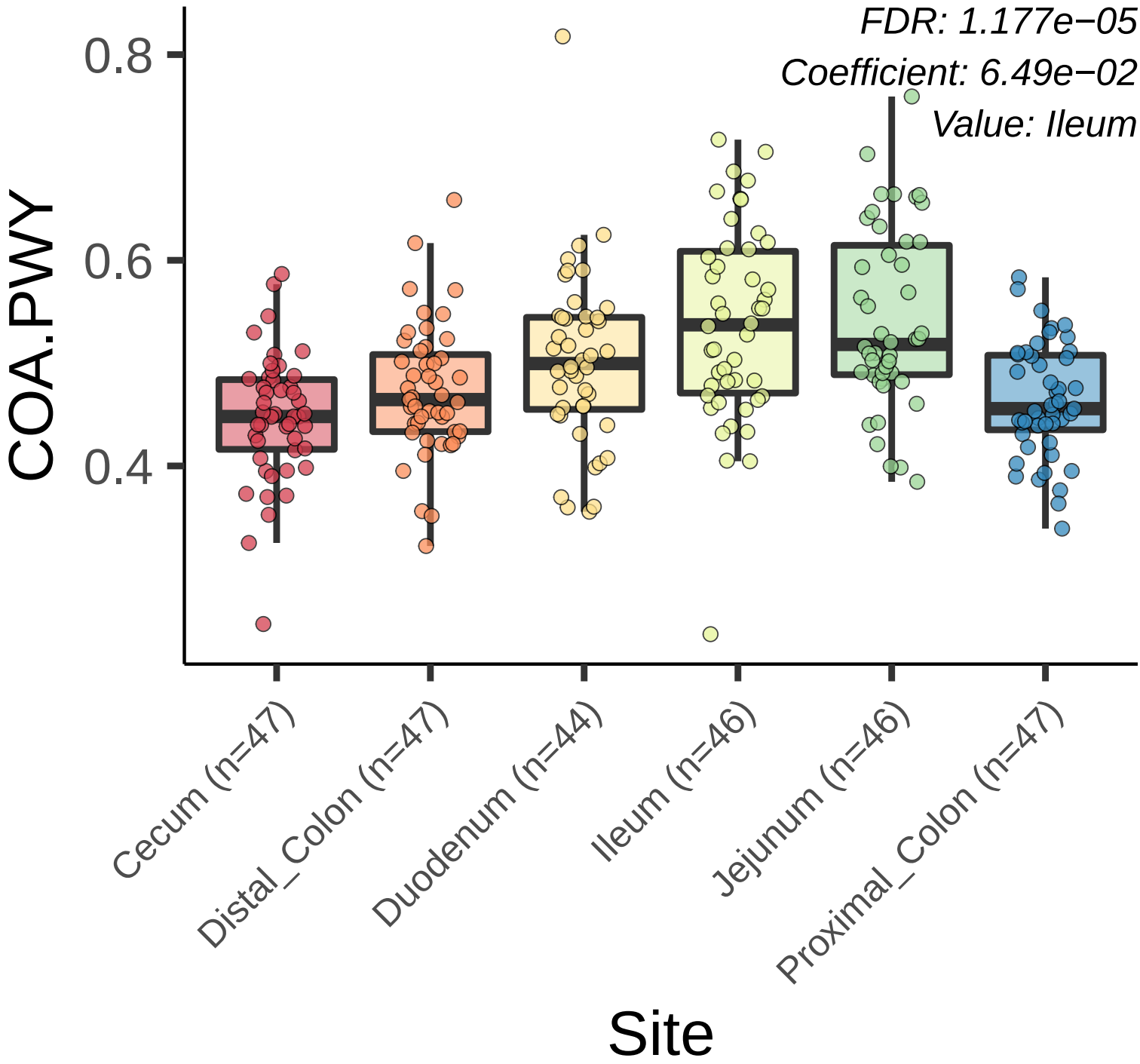
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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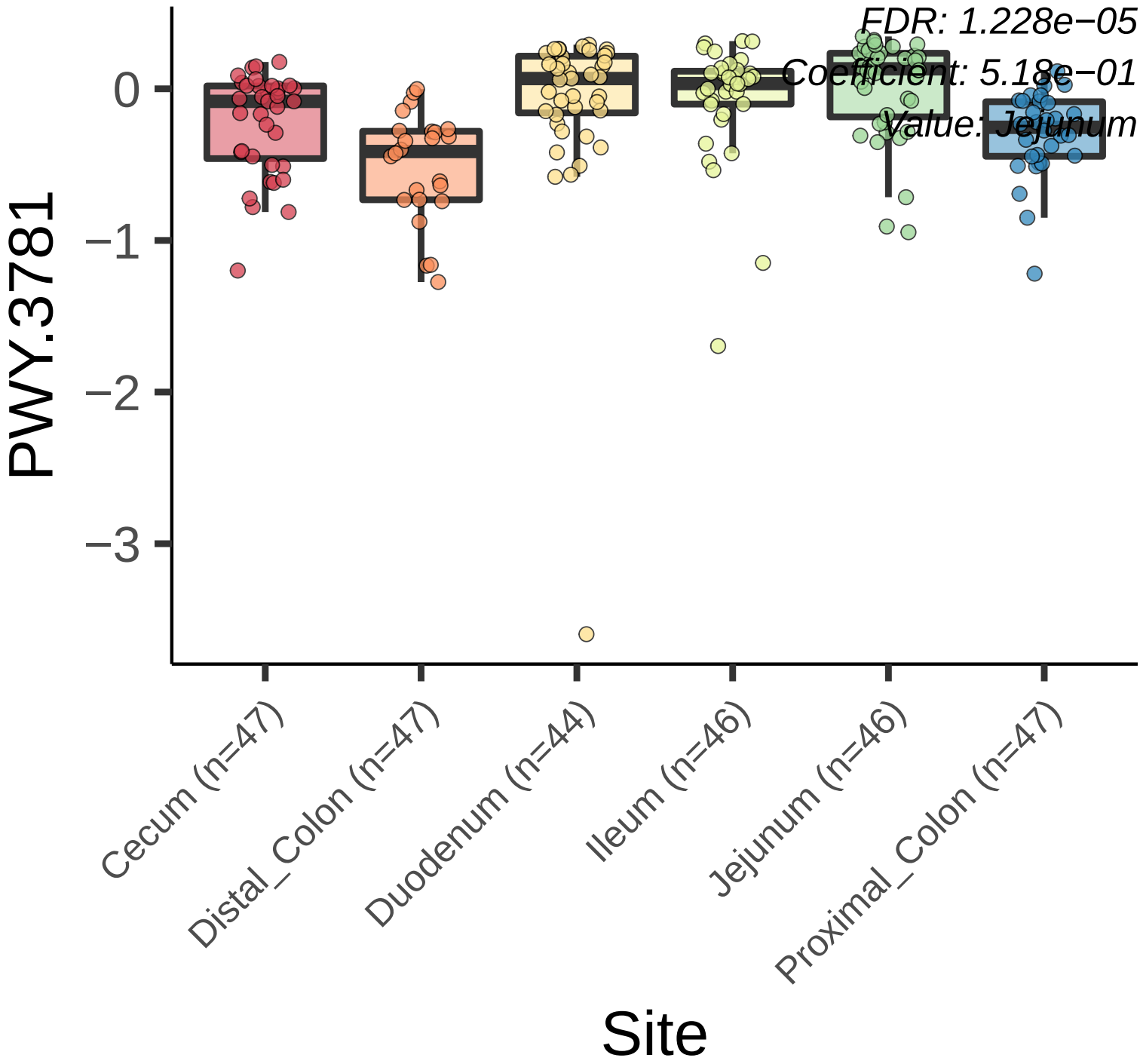
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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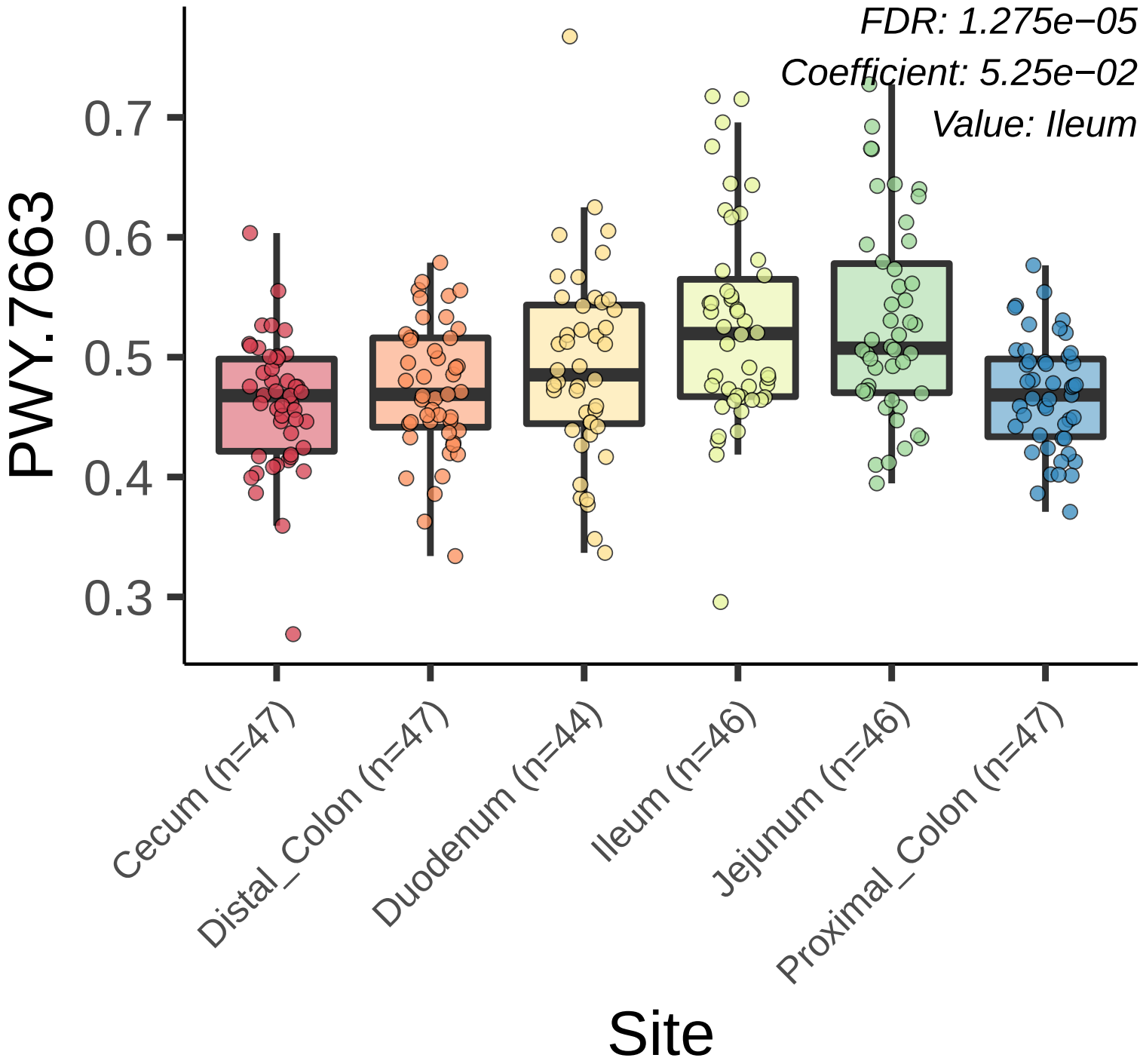
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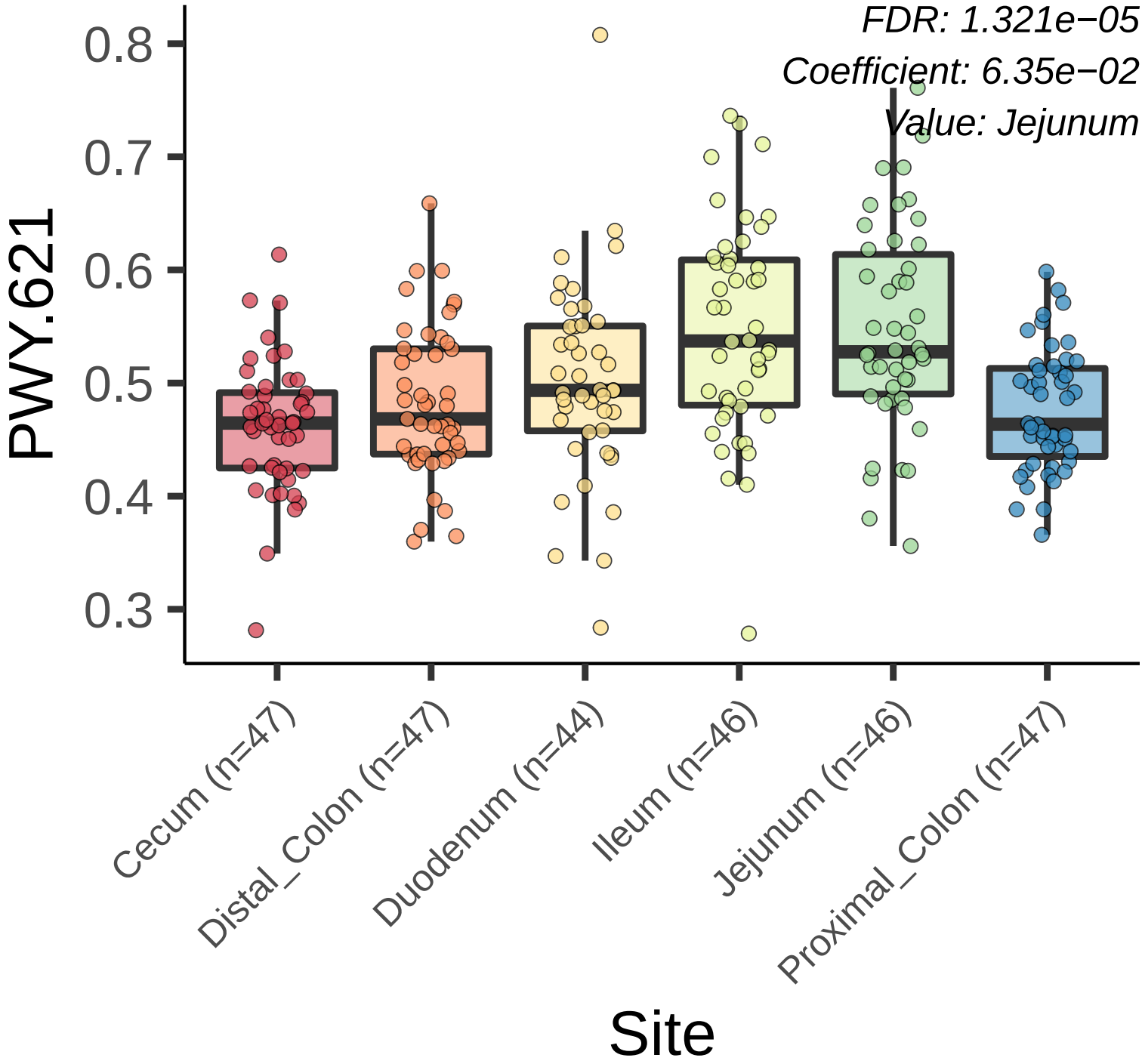
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Jejunum (n=46)
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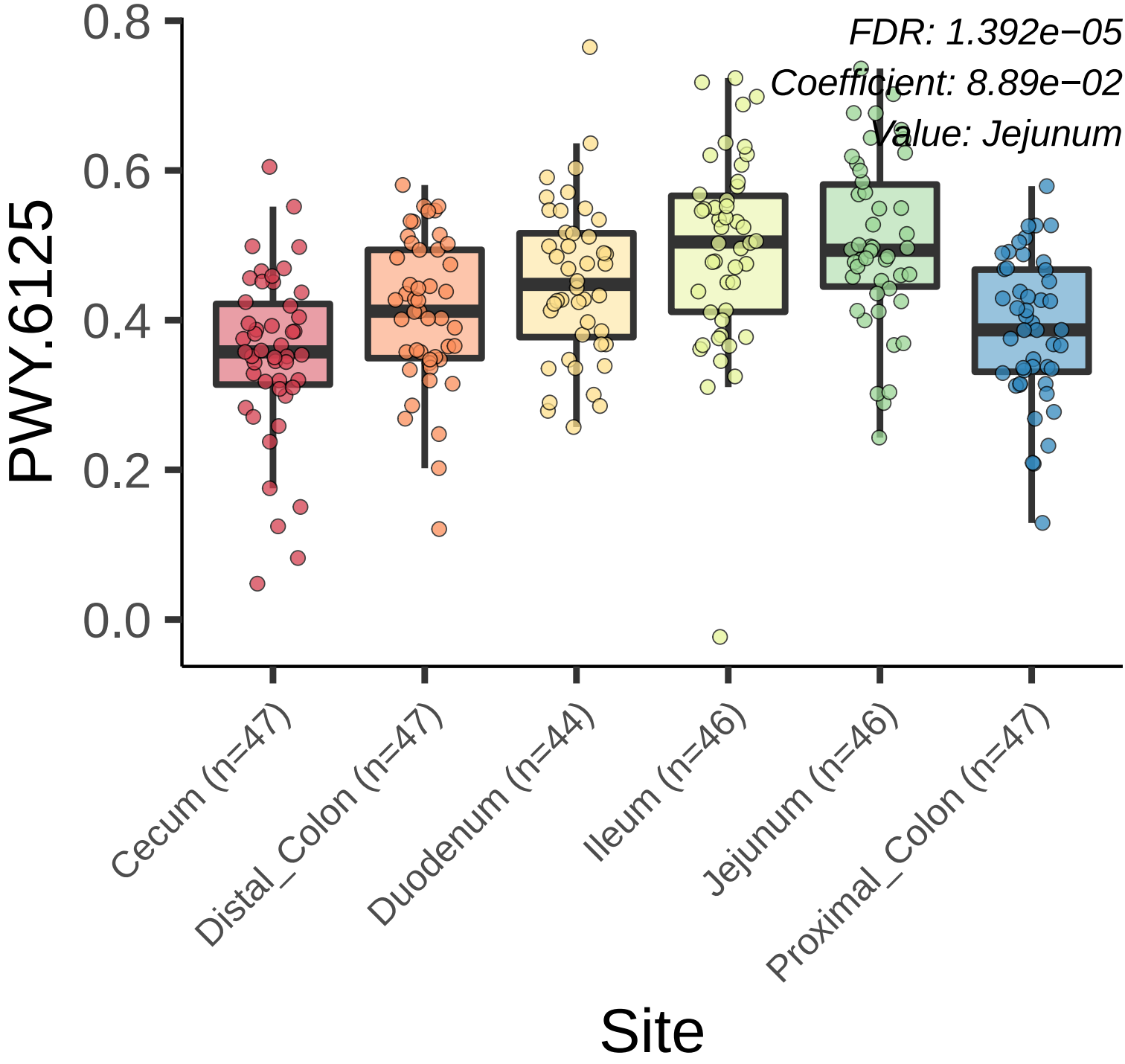
Site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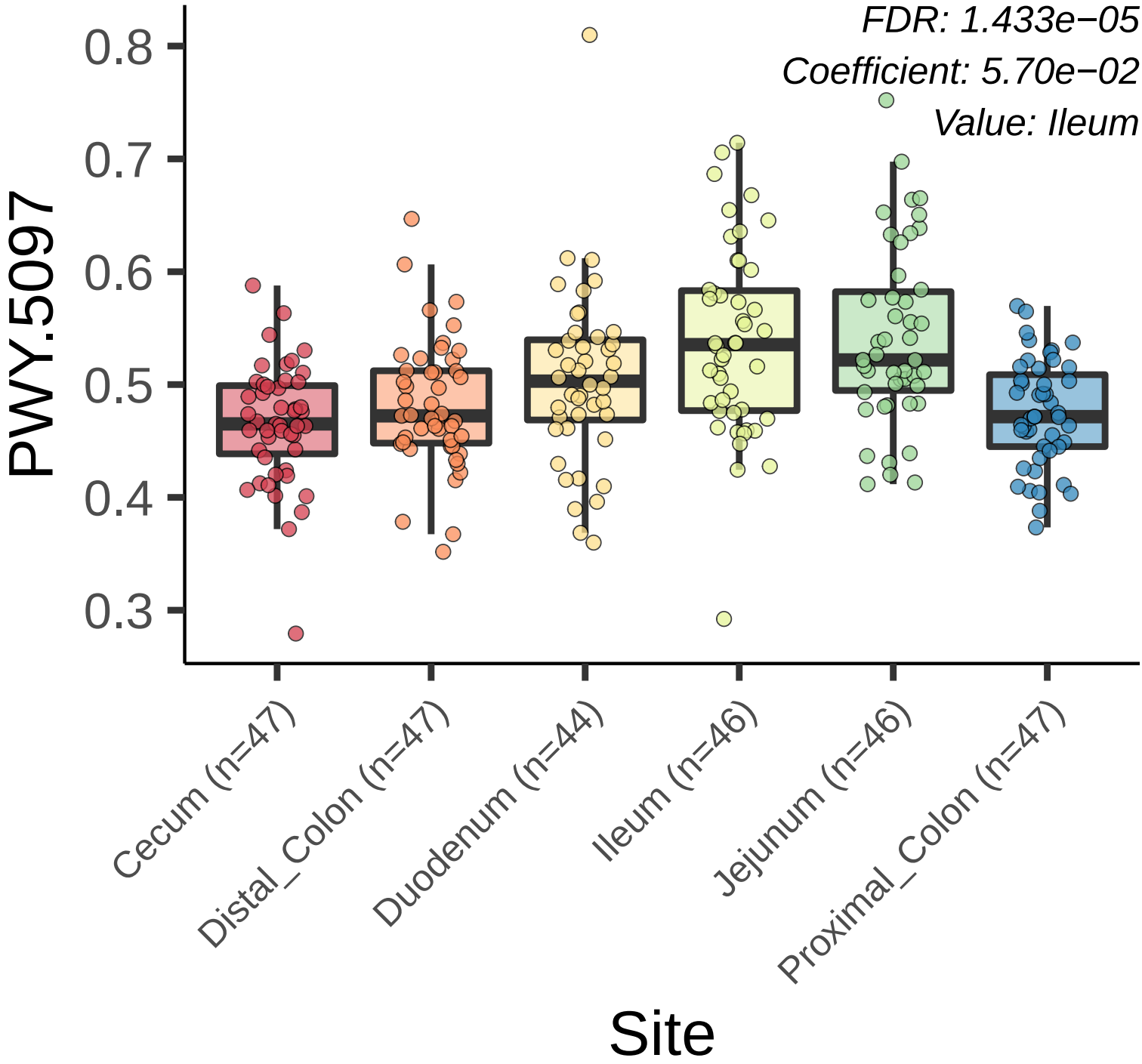
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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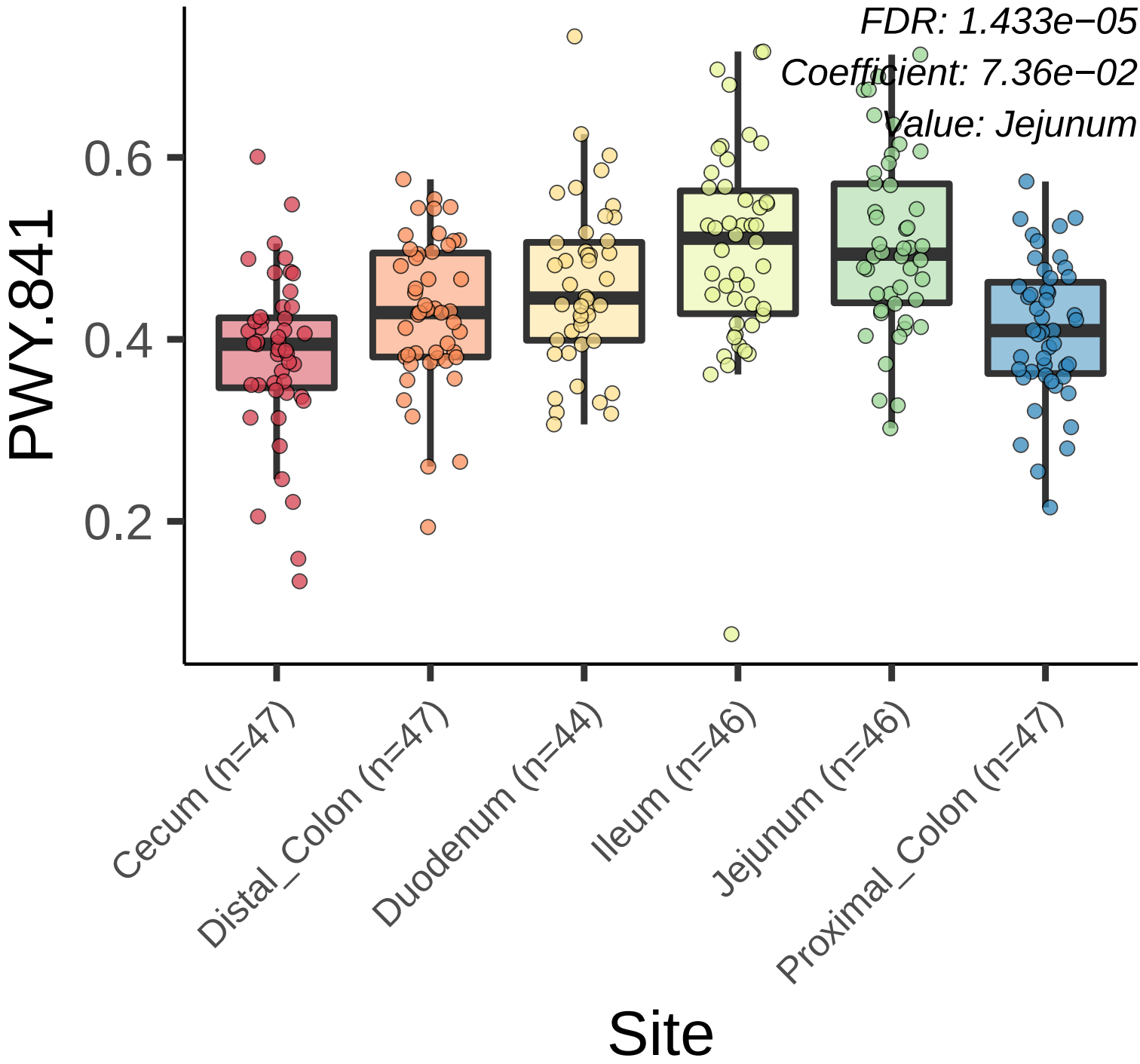
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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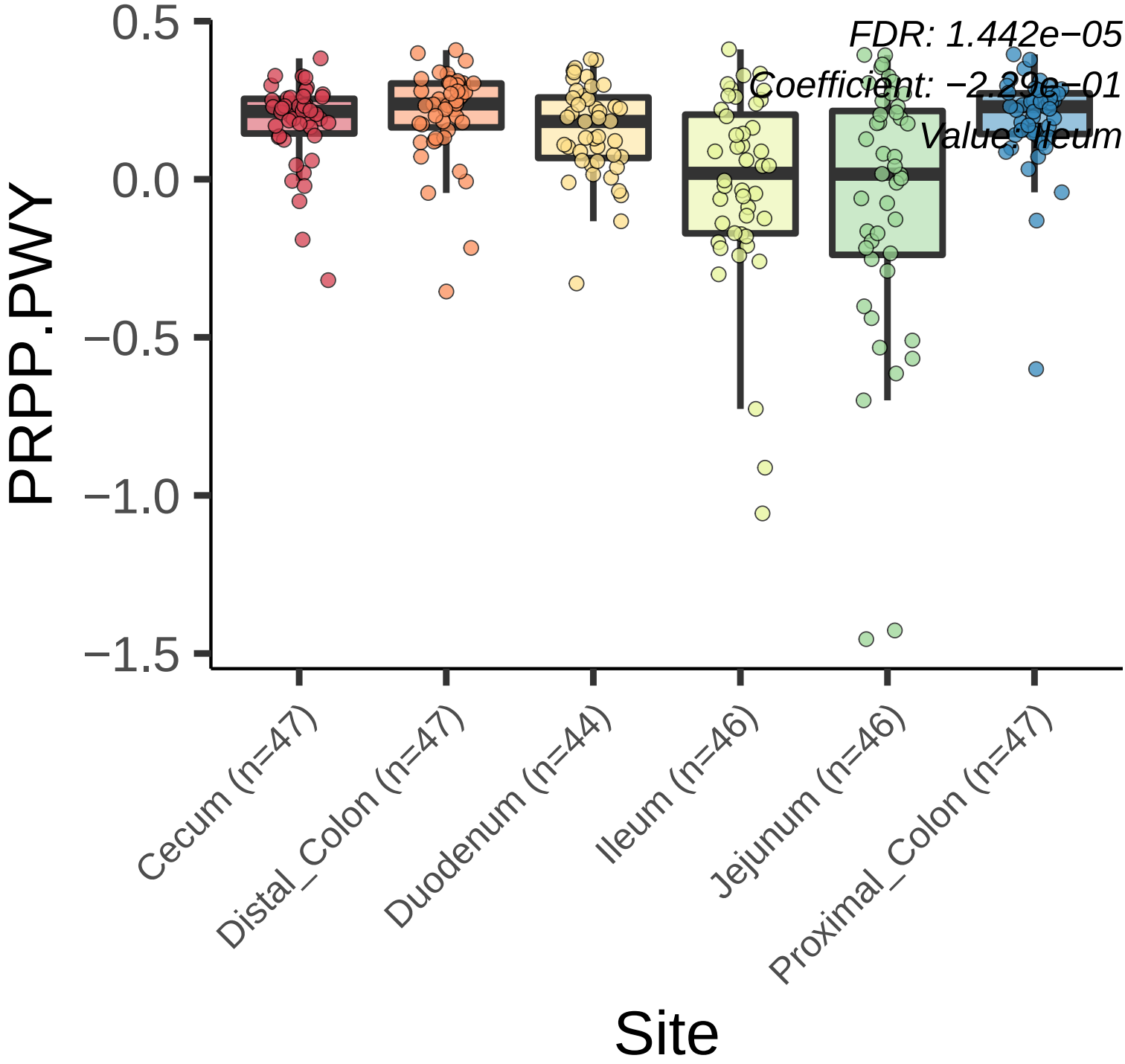
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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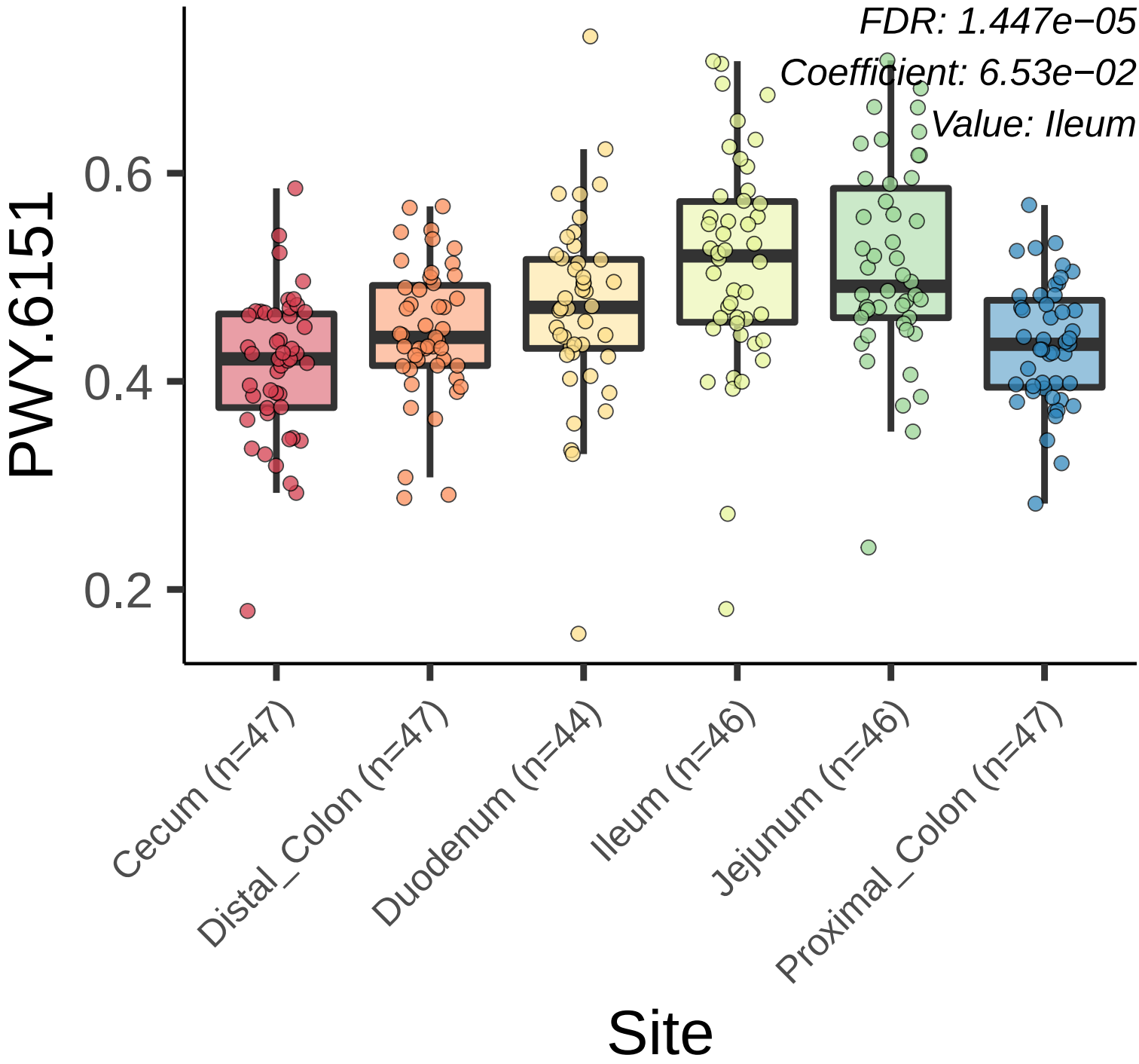
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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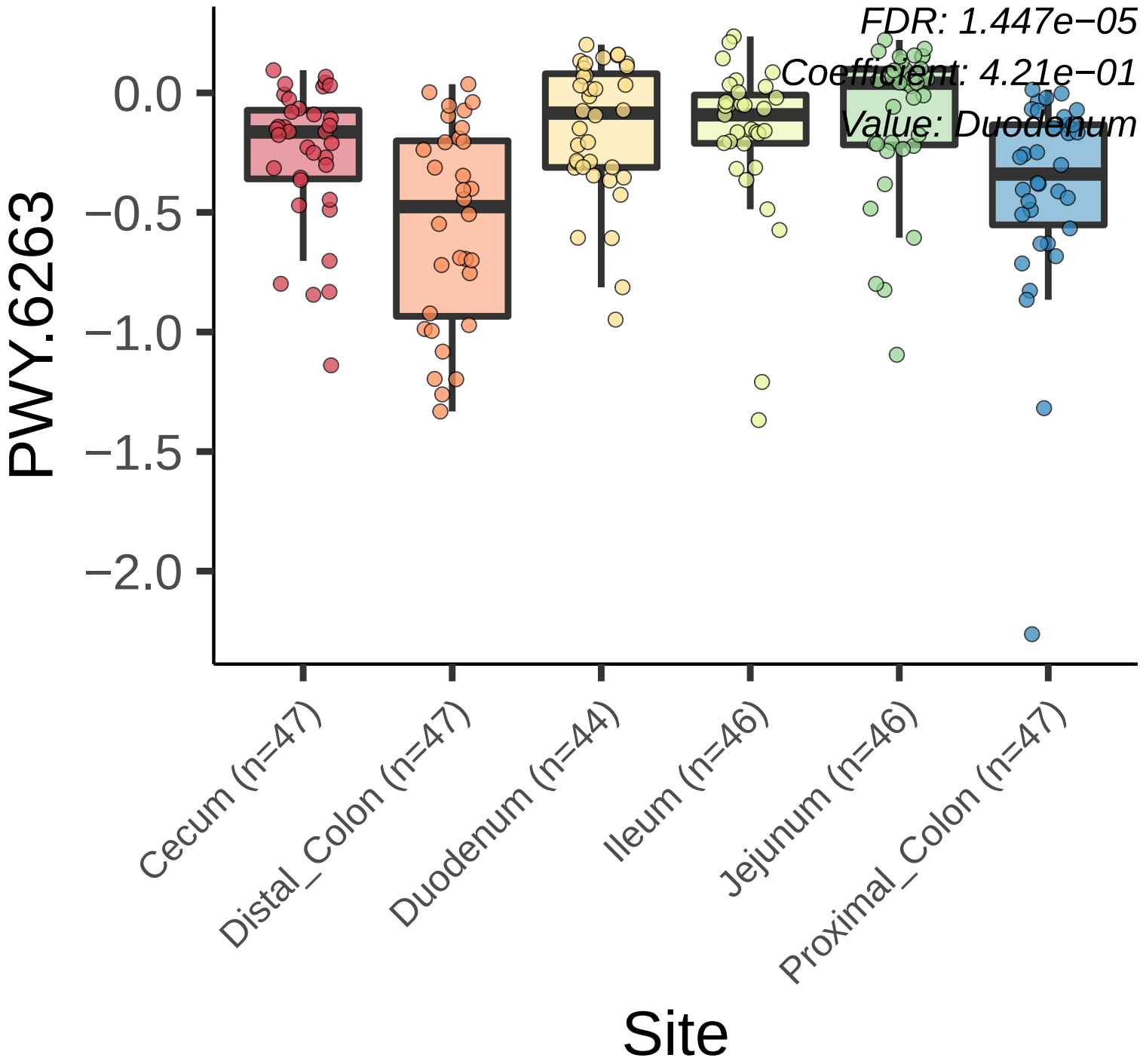
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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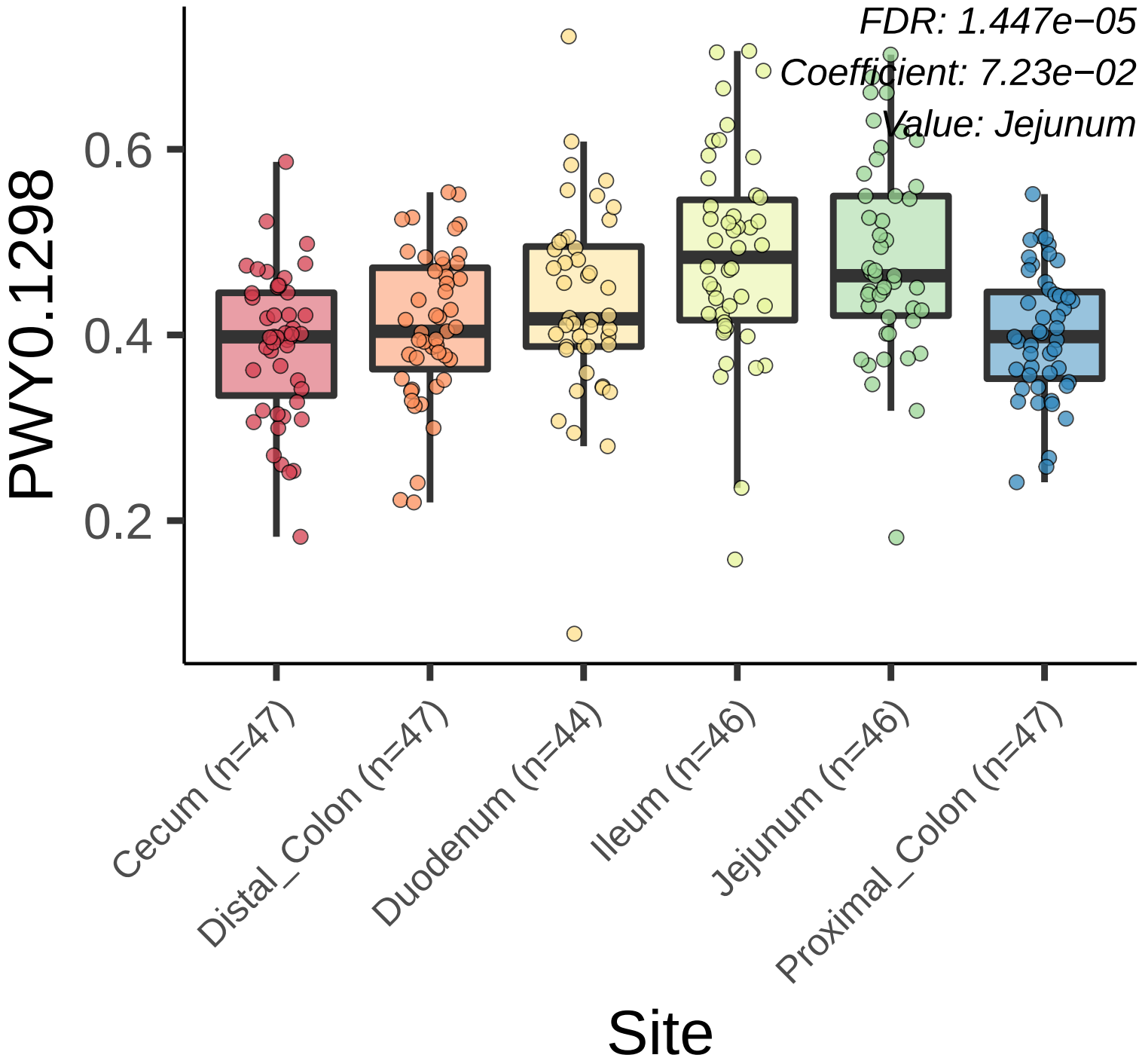
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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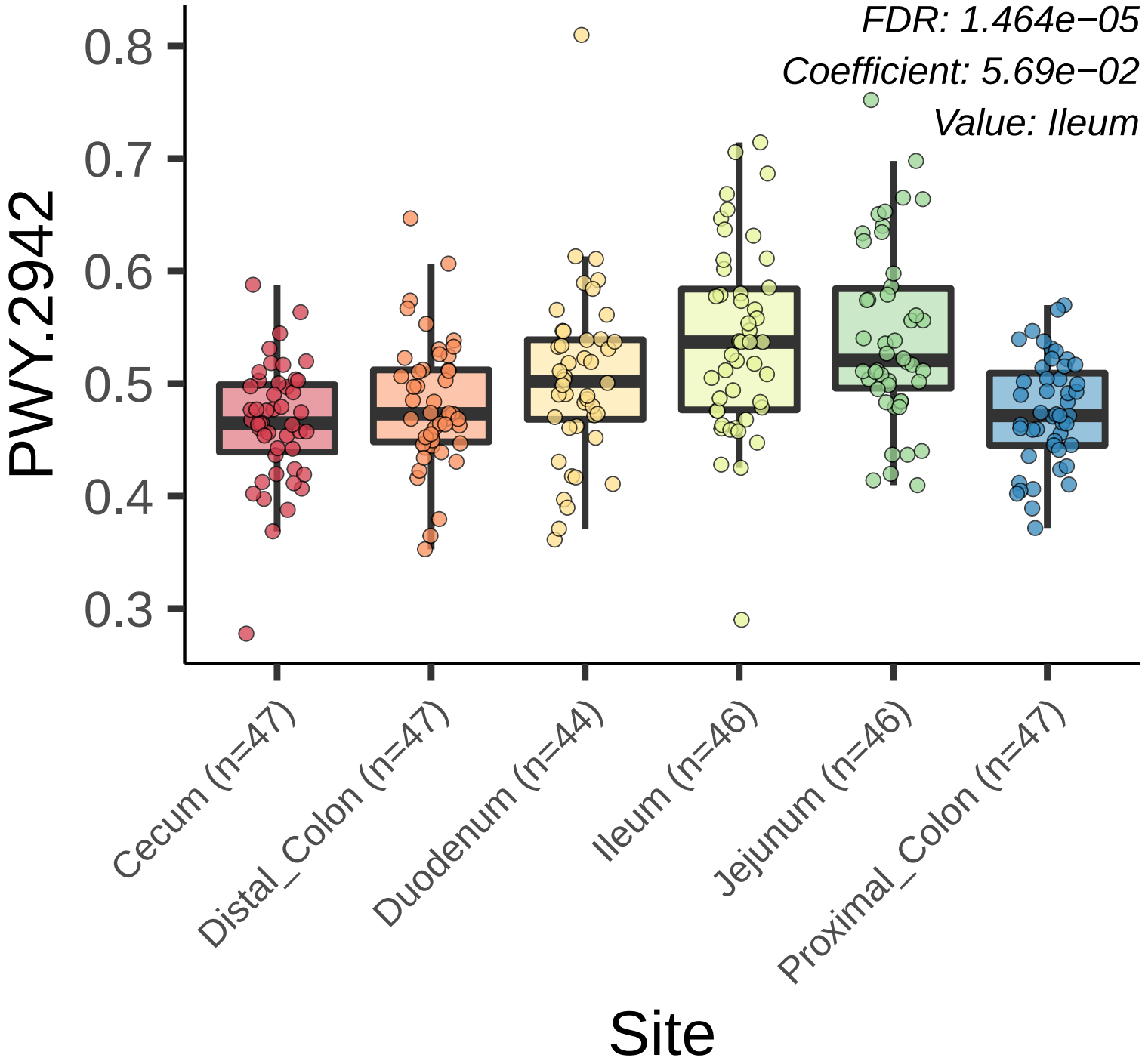
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.5
0.4
0.3
Cecum (n=47)
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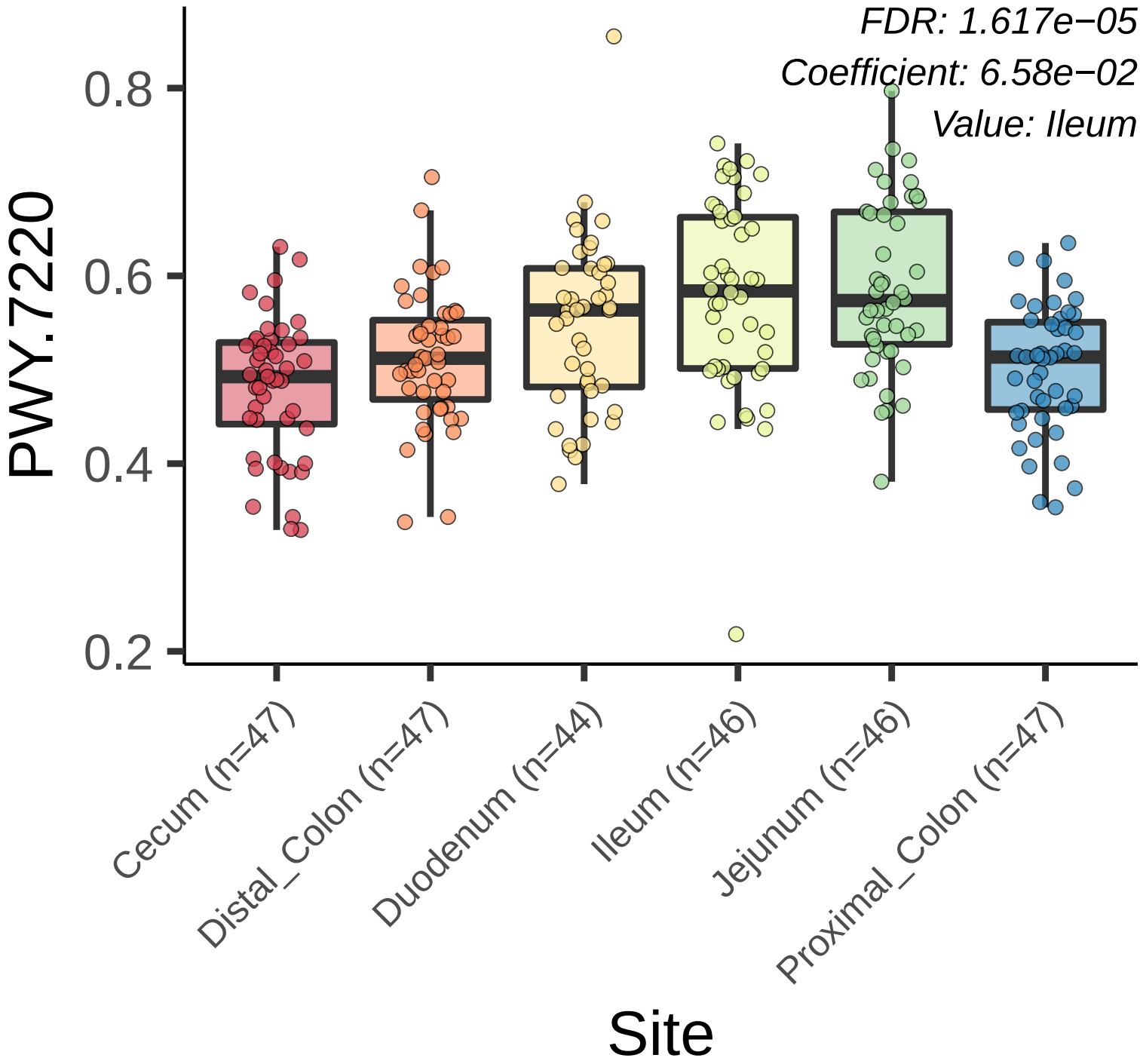
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 6.58e−02
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0.6
0.4
0.2
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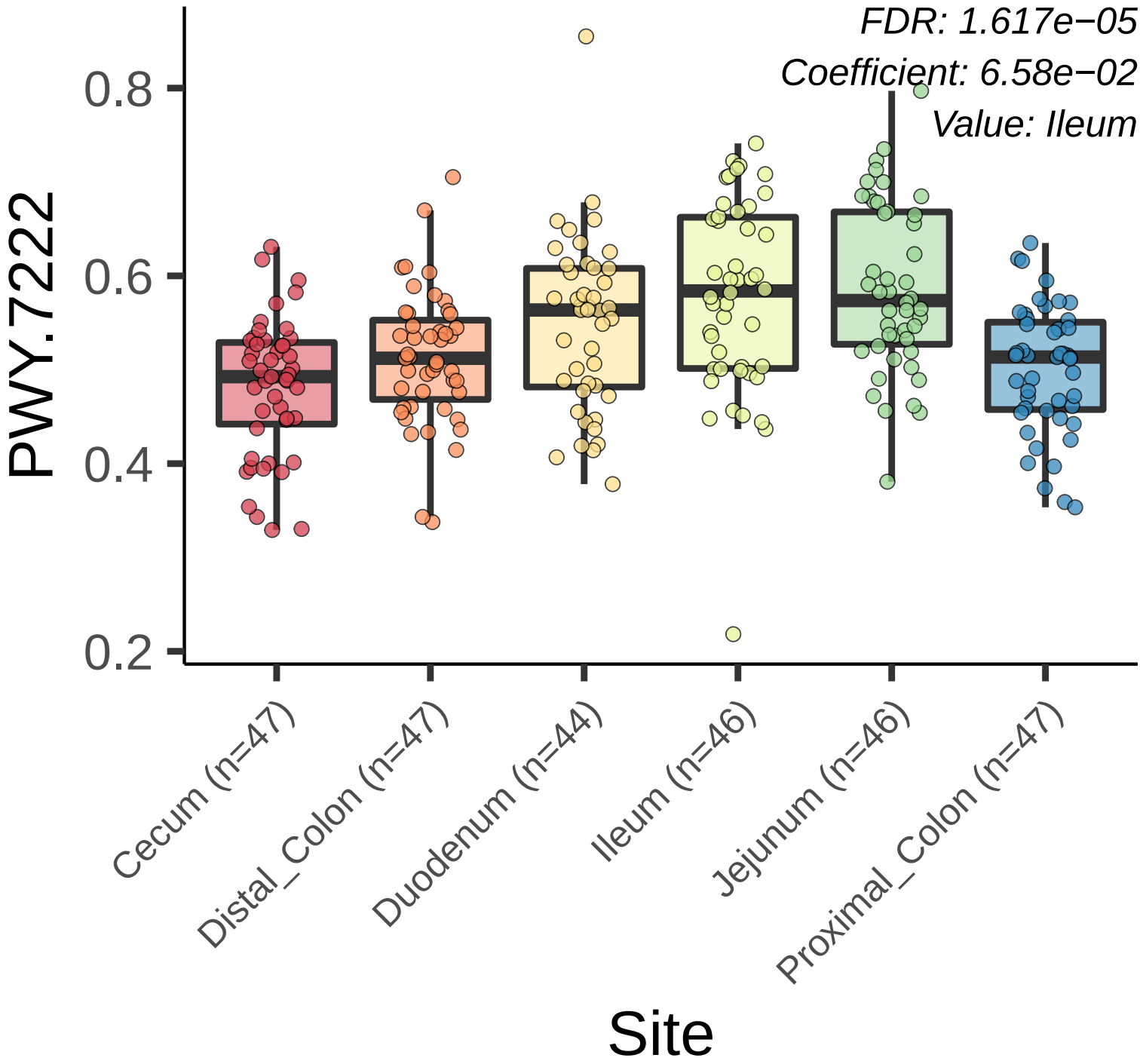
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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Cecum (n=47)
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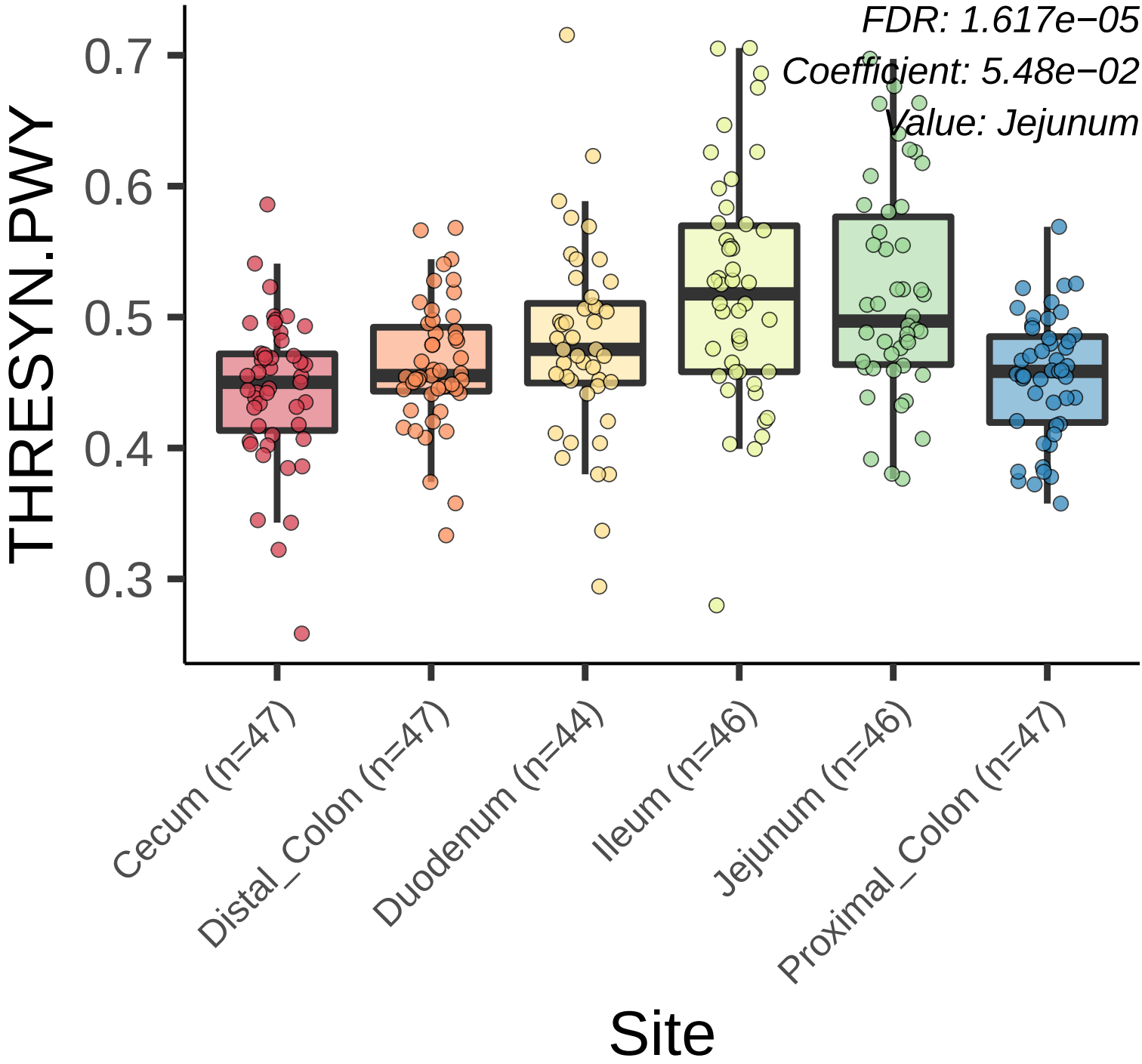
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.48e−02
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0.4
0.3
Cecum (n=47)
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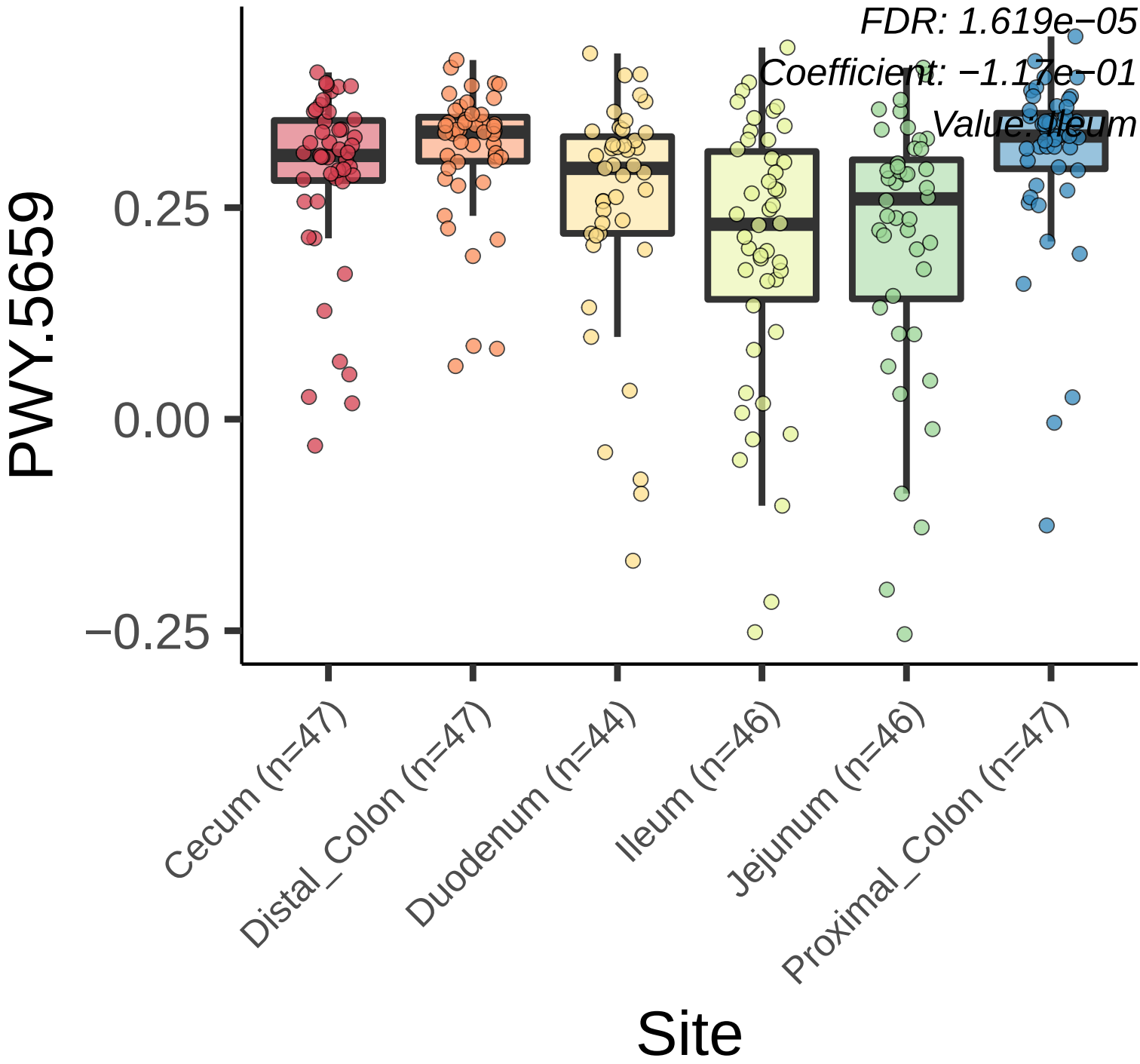
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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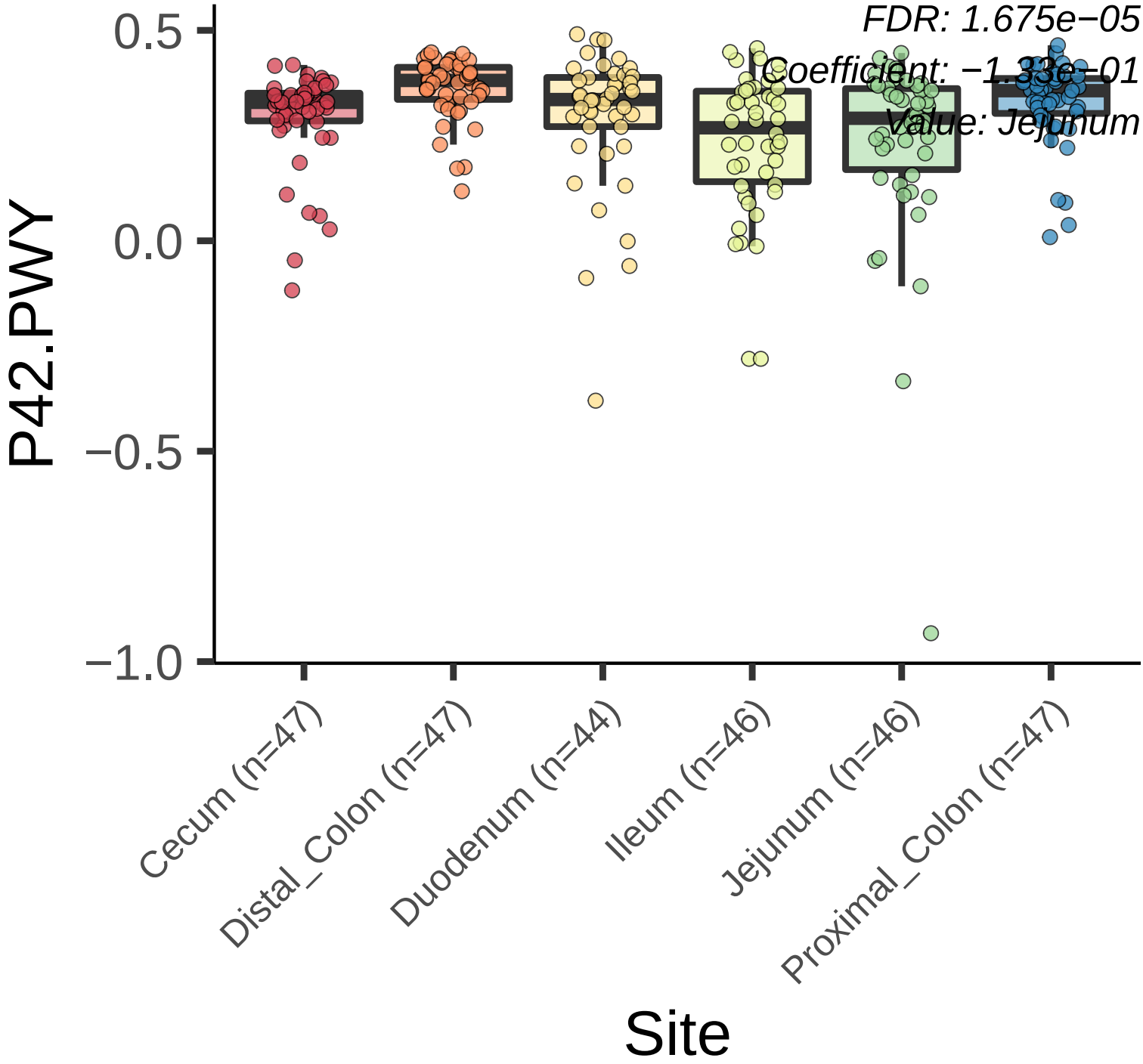
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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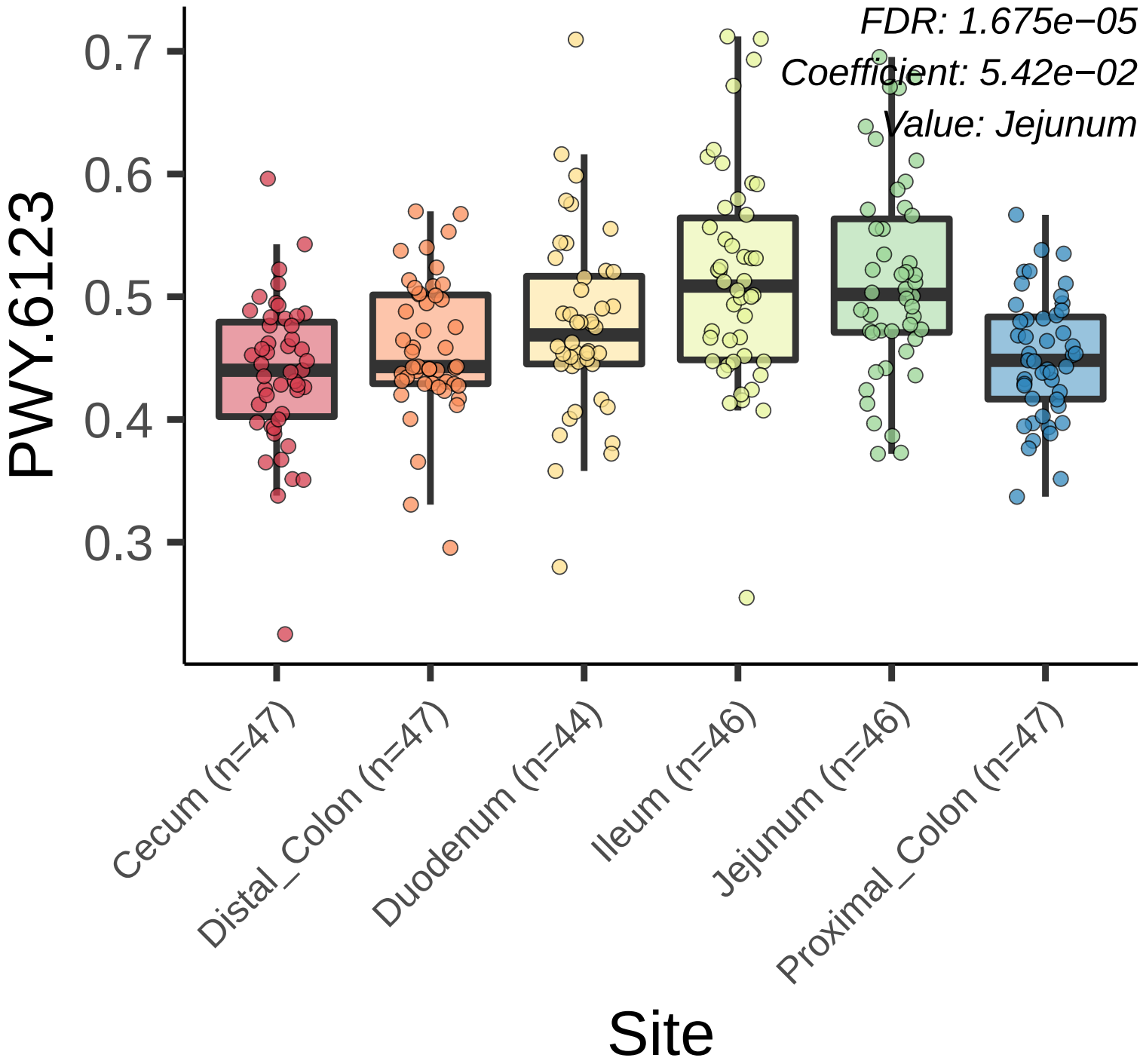
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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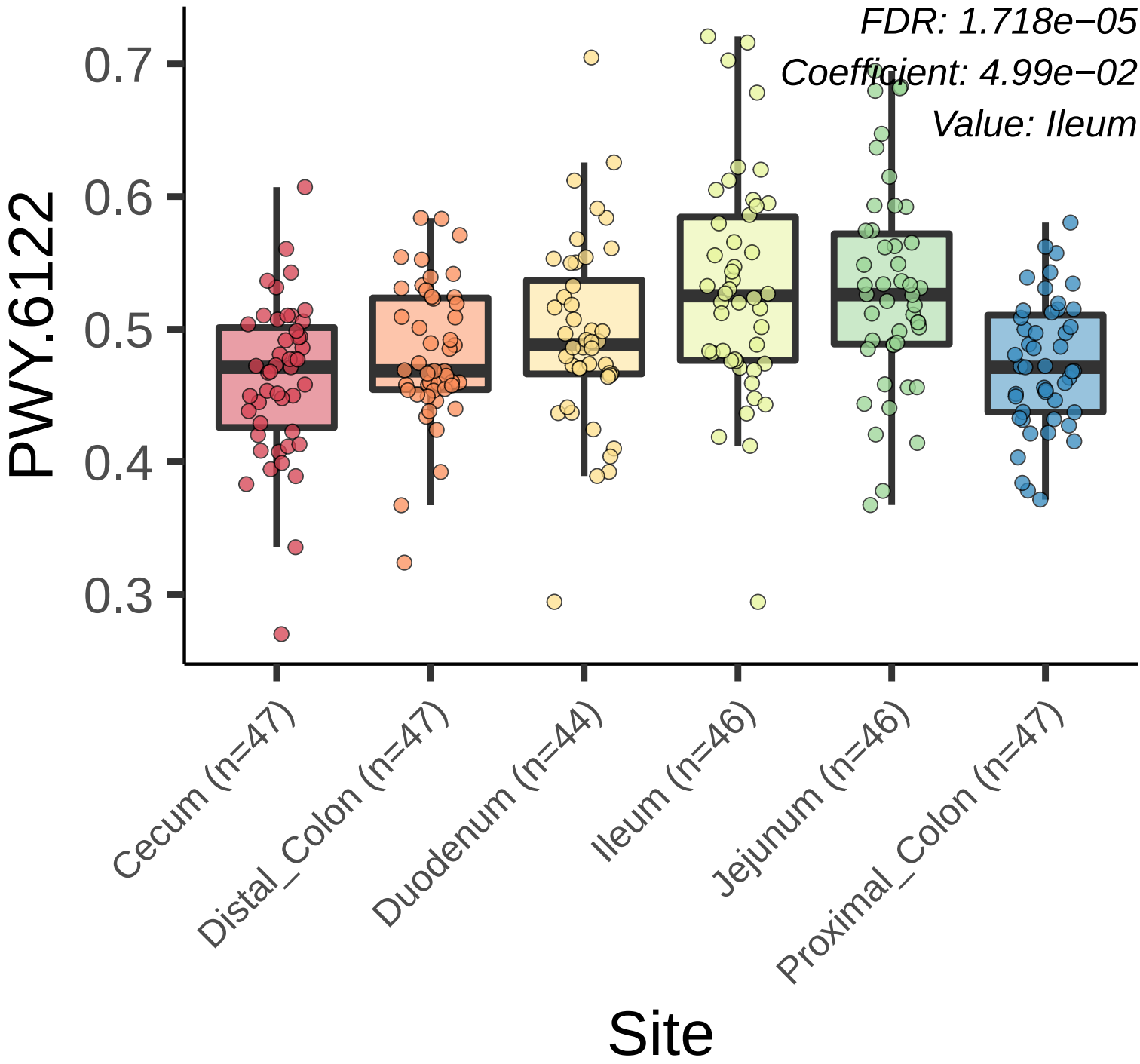
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.5
0.4
0.3
Cecum (n=47)
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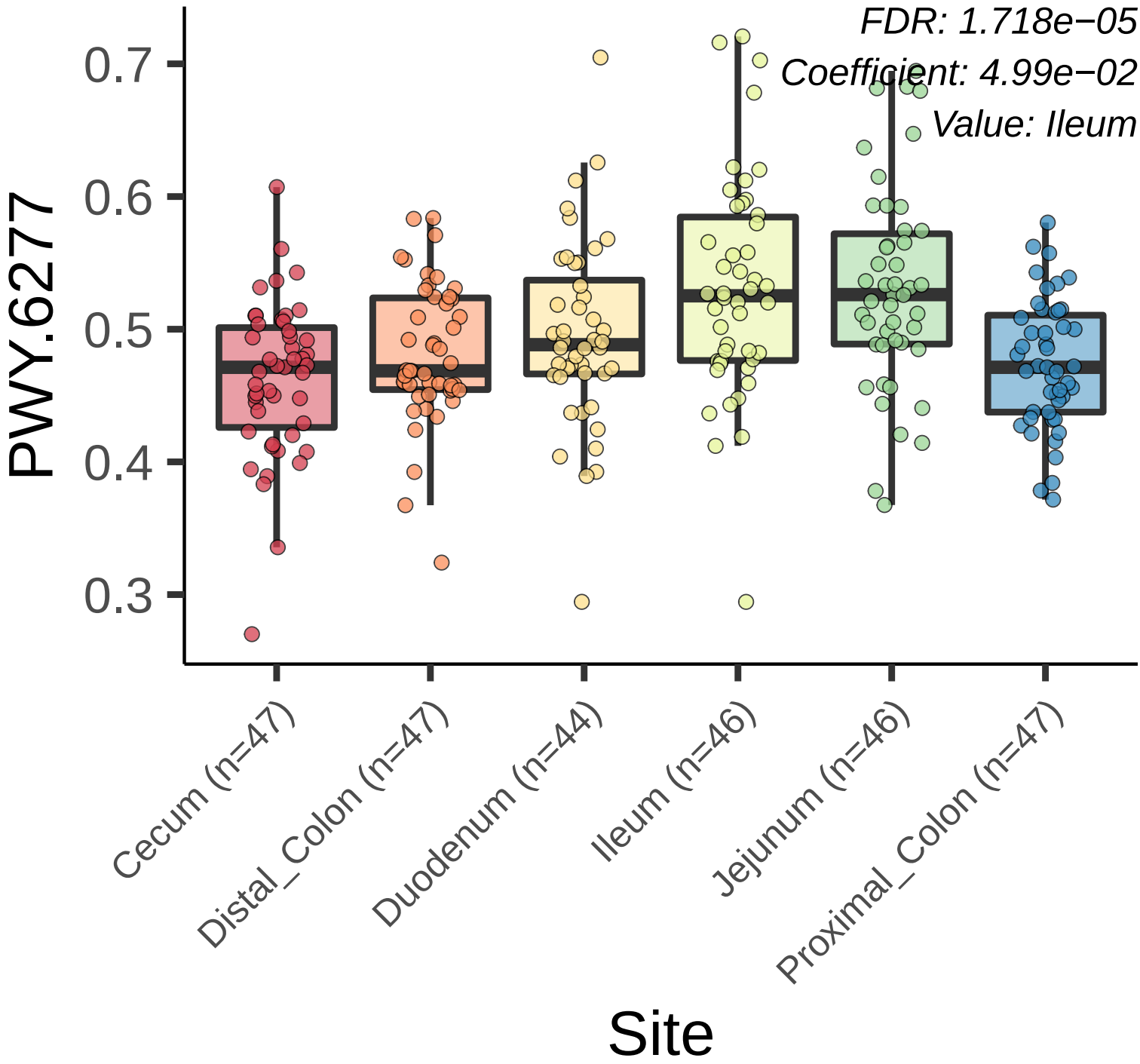
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
0.3
Cecum (n=47)
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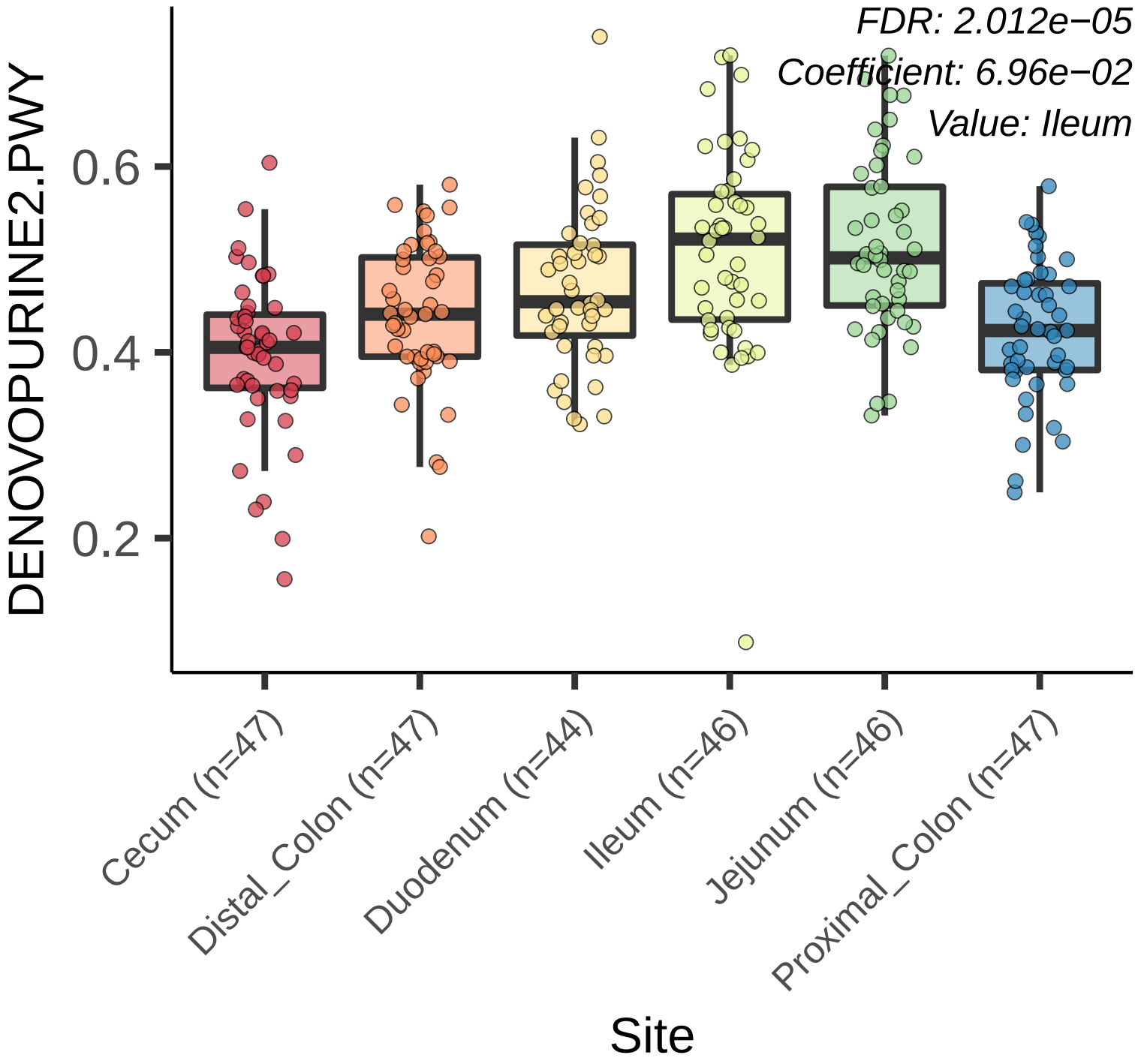
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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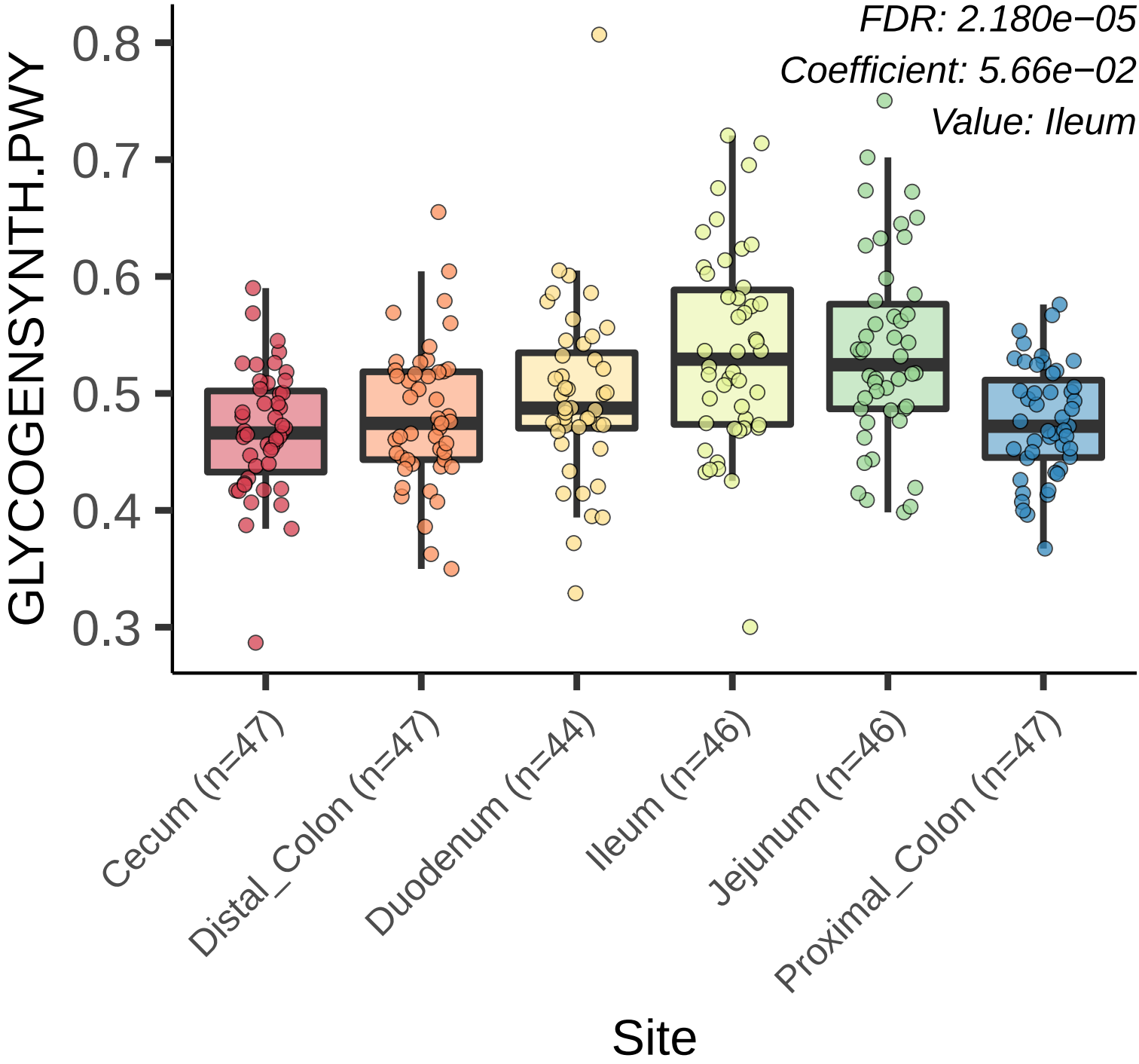
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.5
0.4
0.3
Cecum (n=47)
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Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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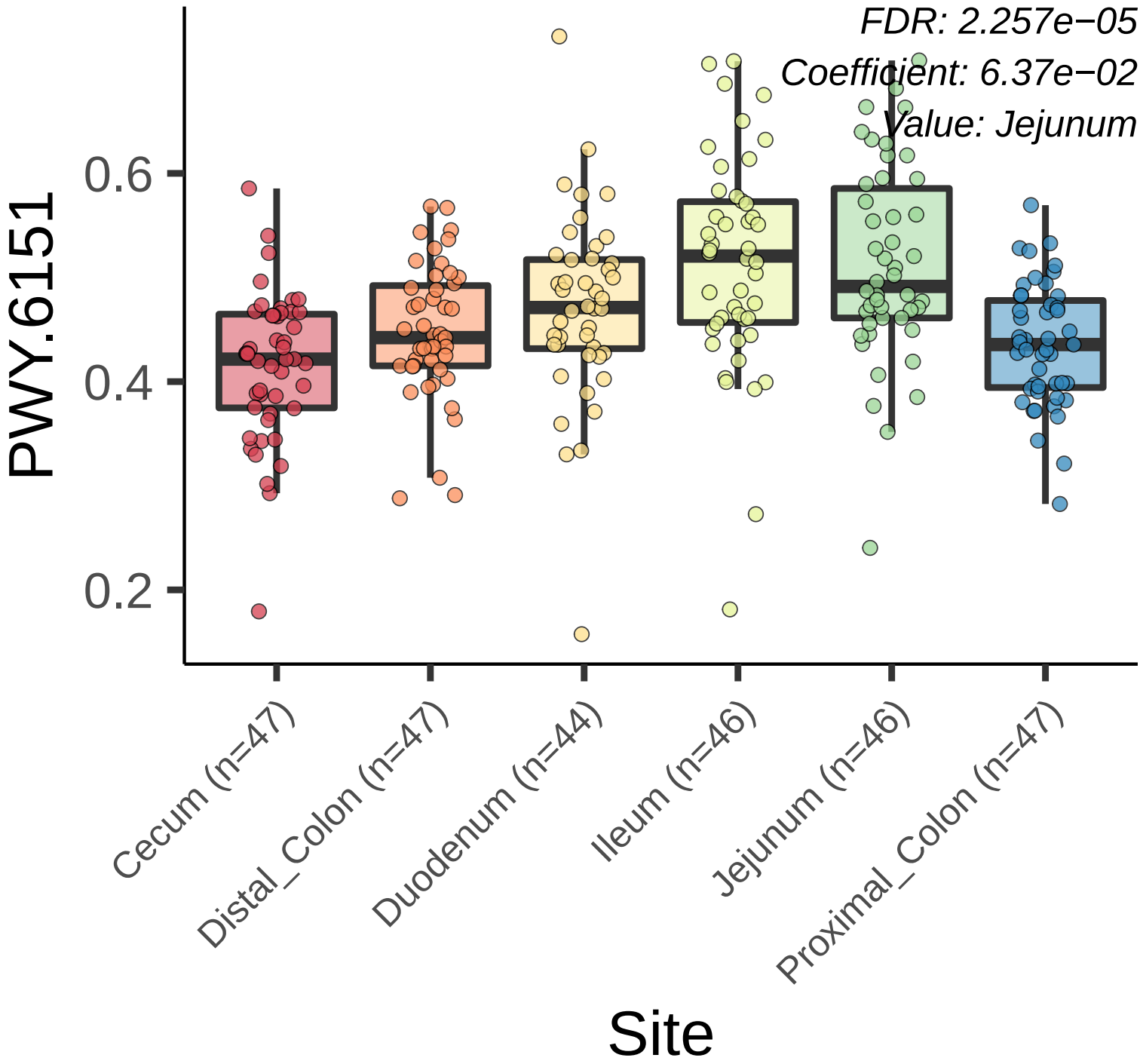
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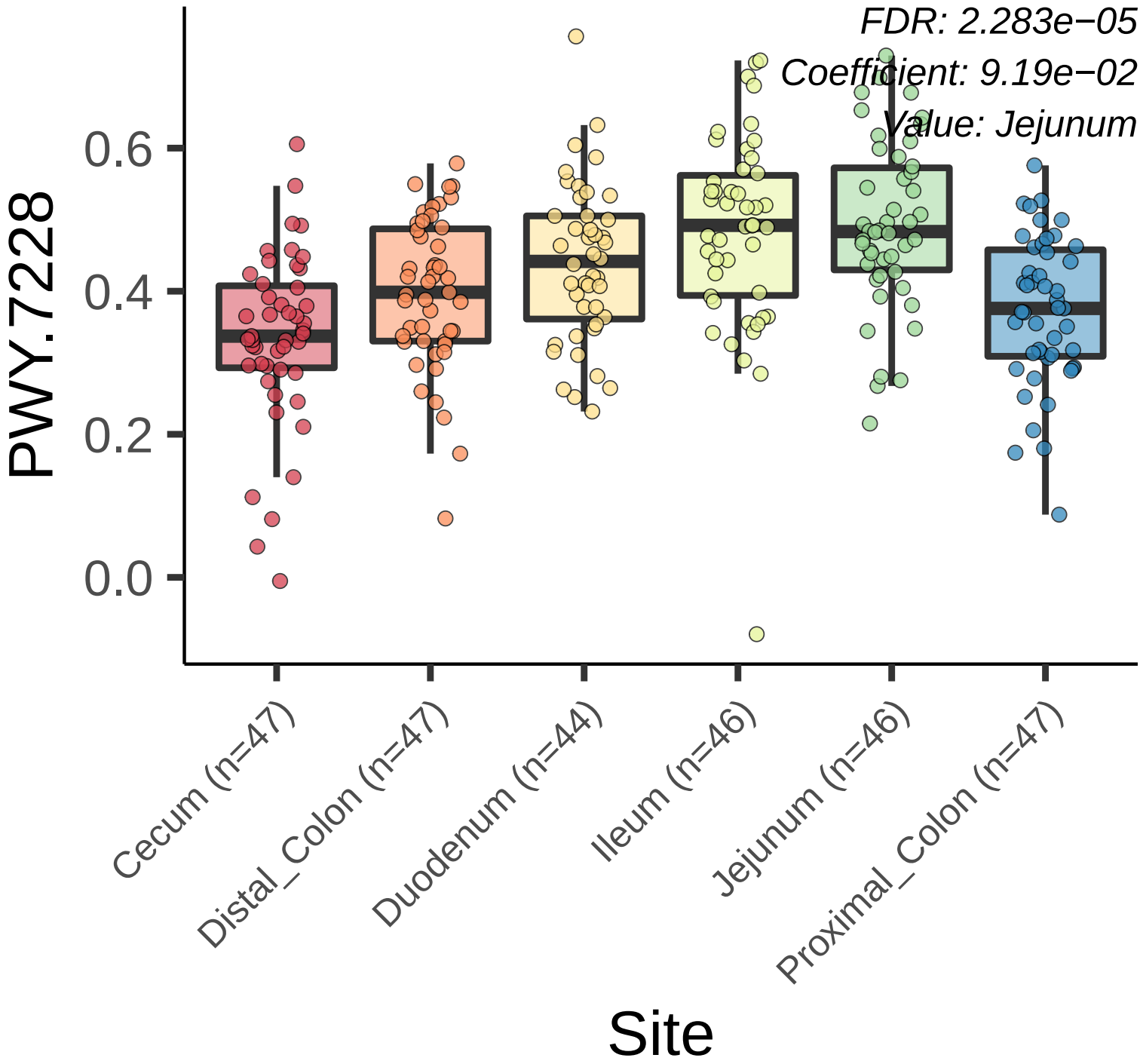
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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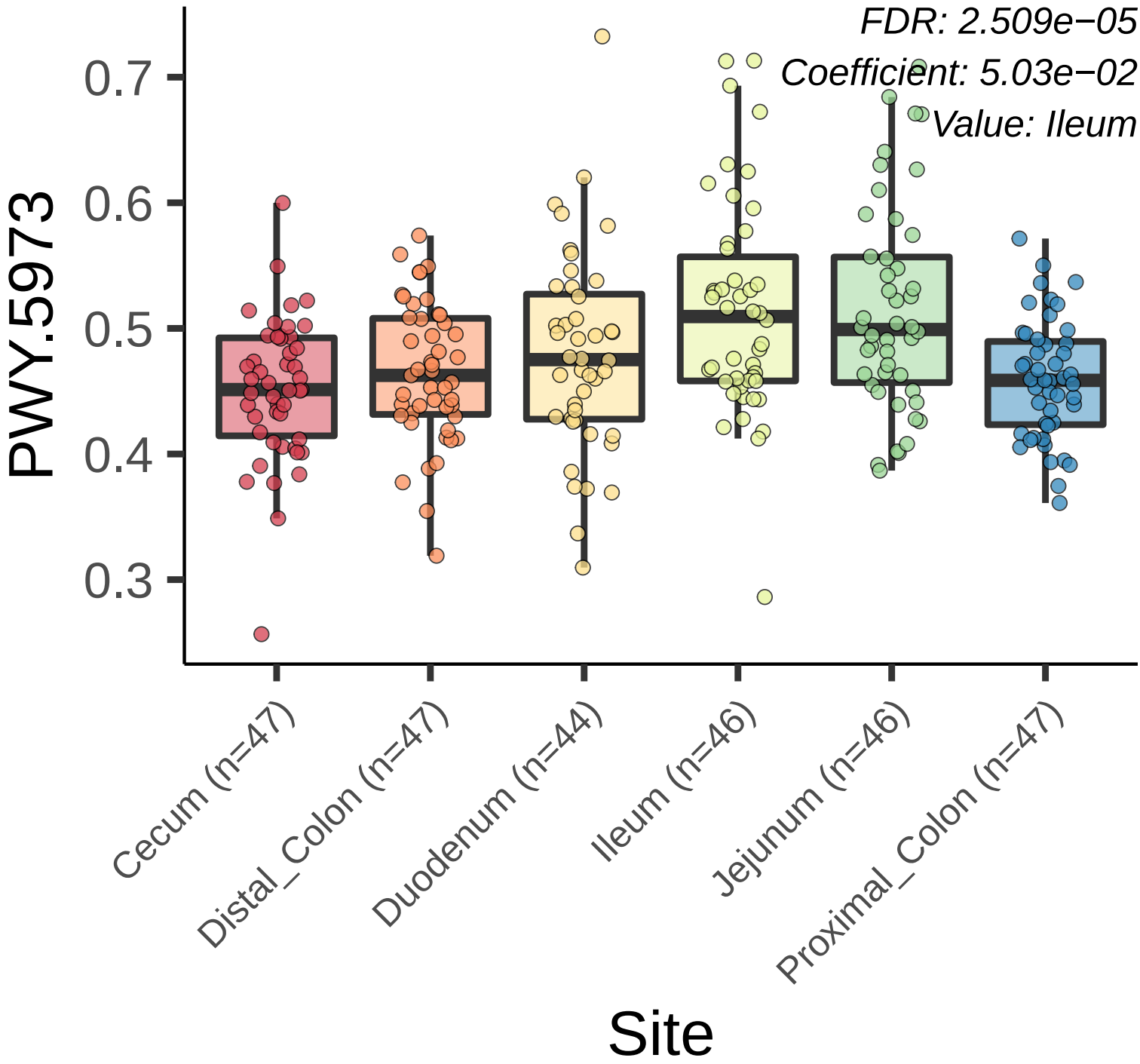
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0.4
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Cecum (n=47)
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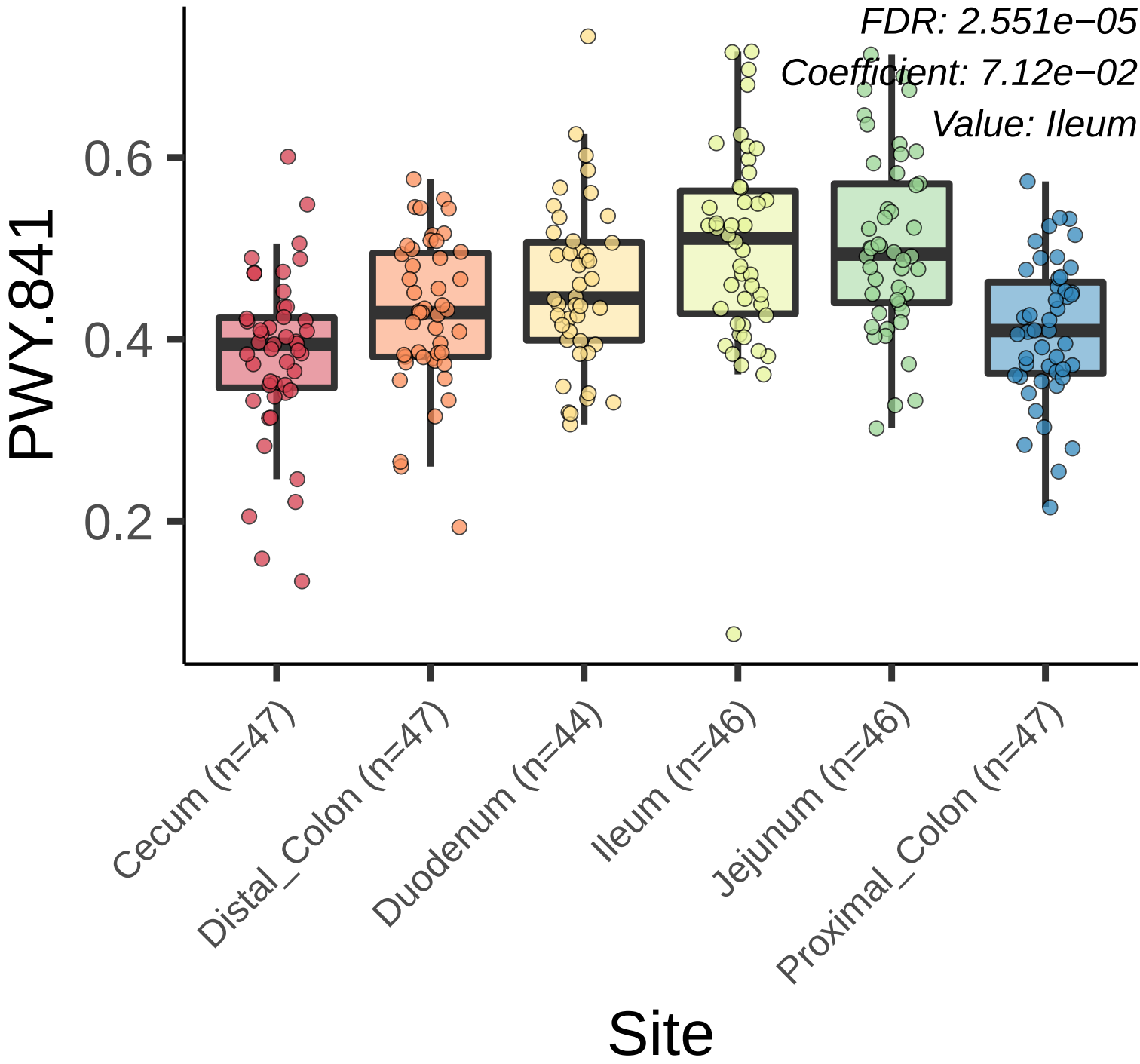
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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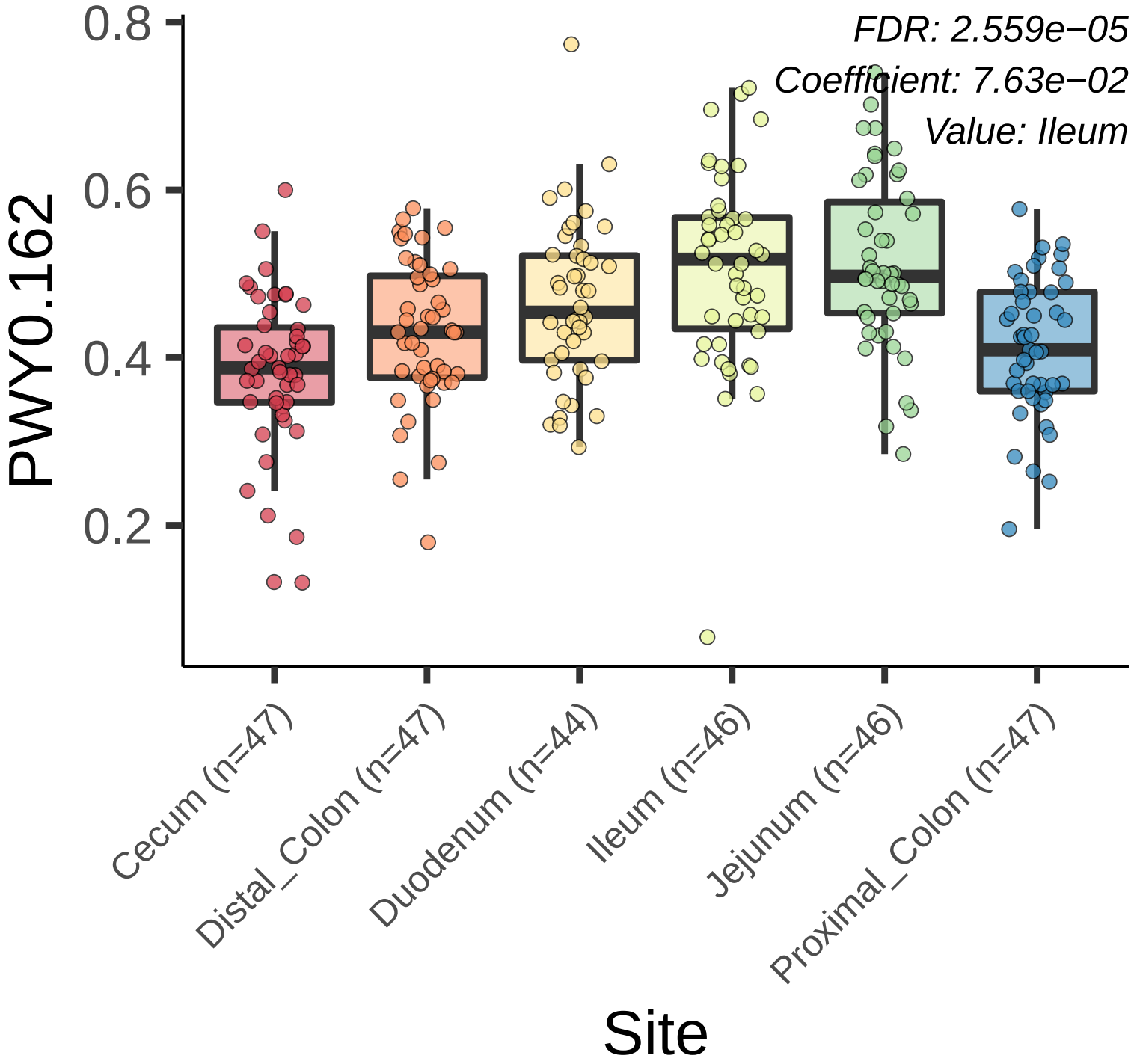
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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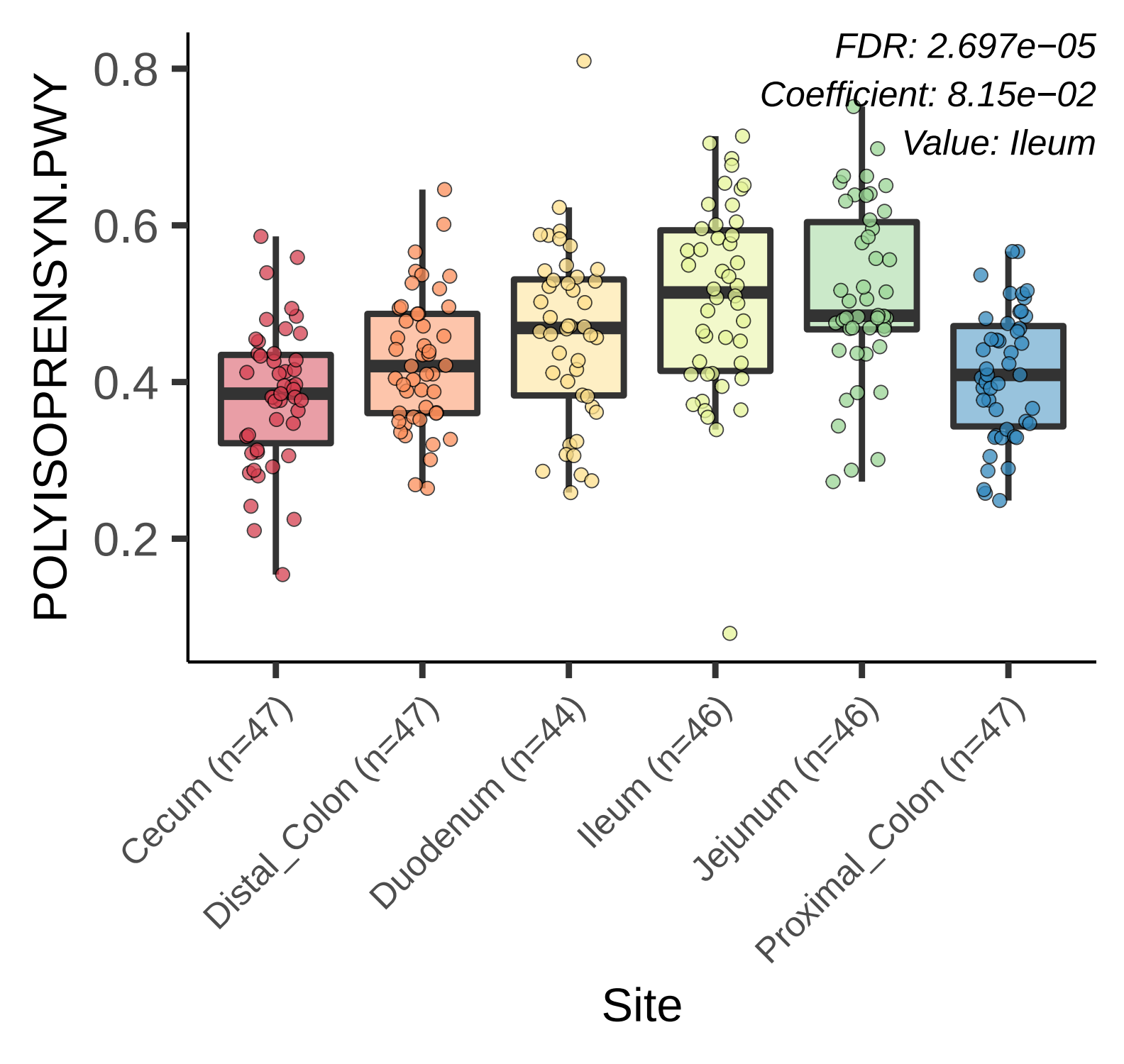
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
0.2
Cecum (n=47)
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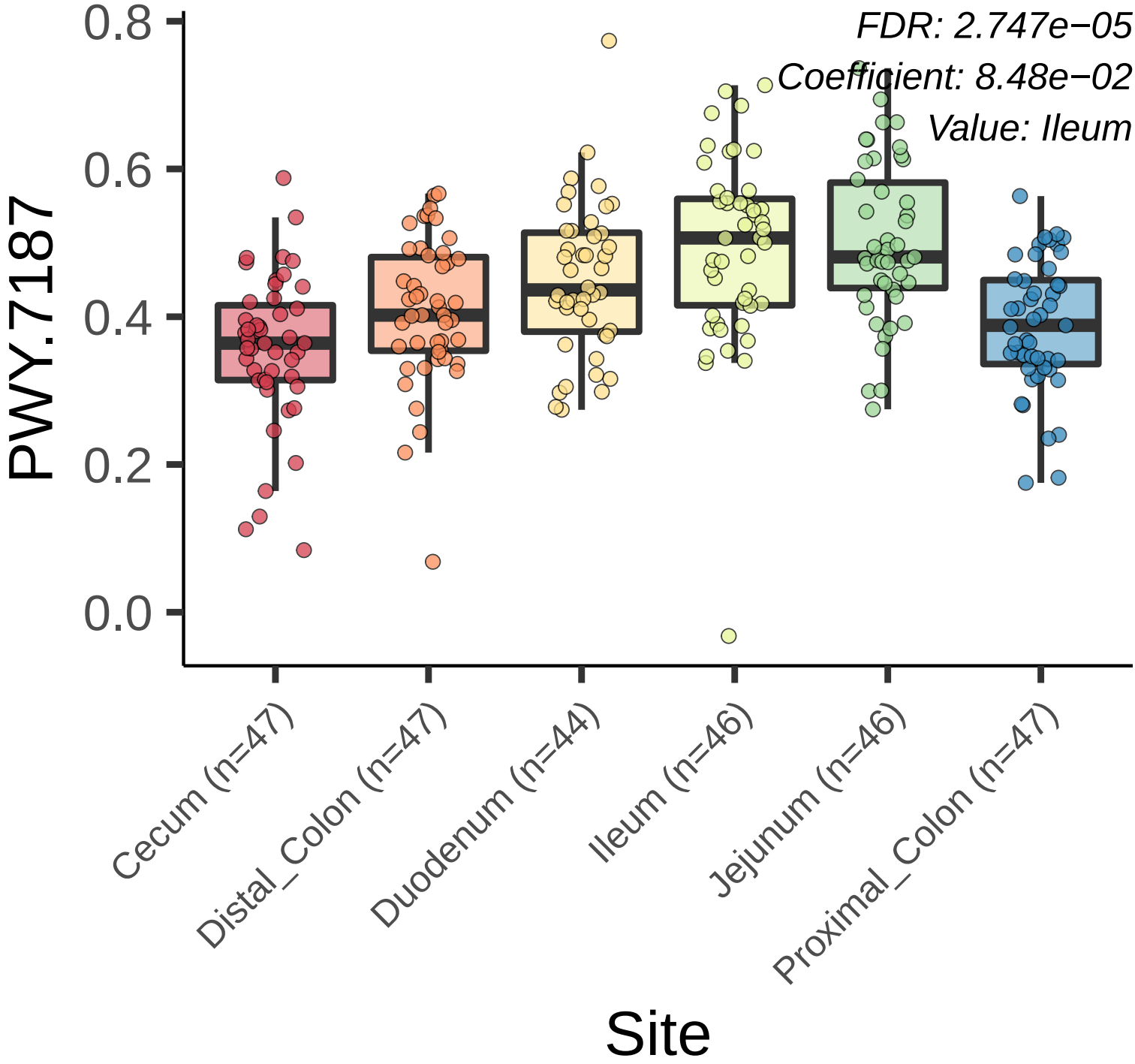
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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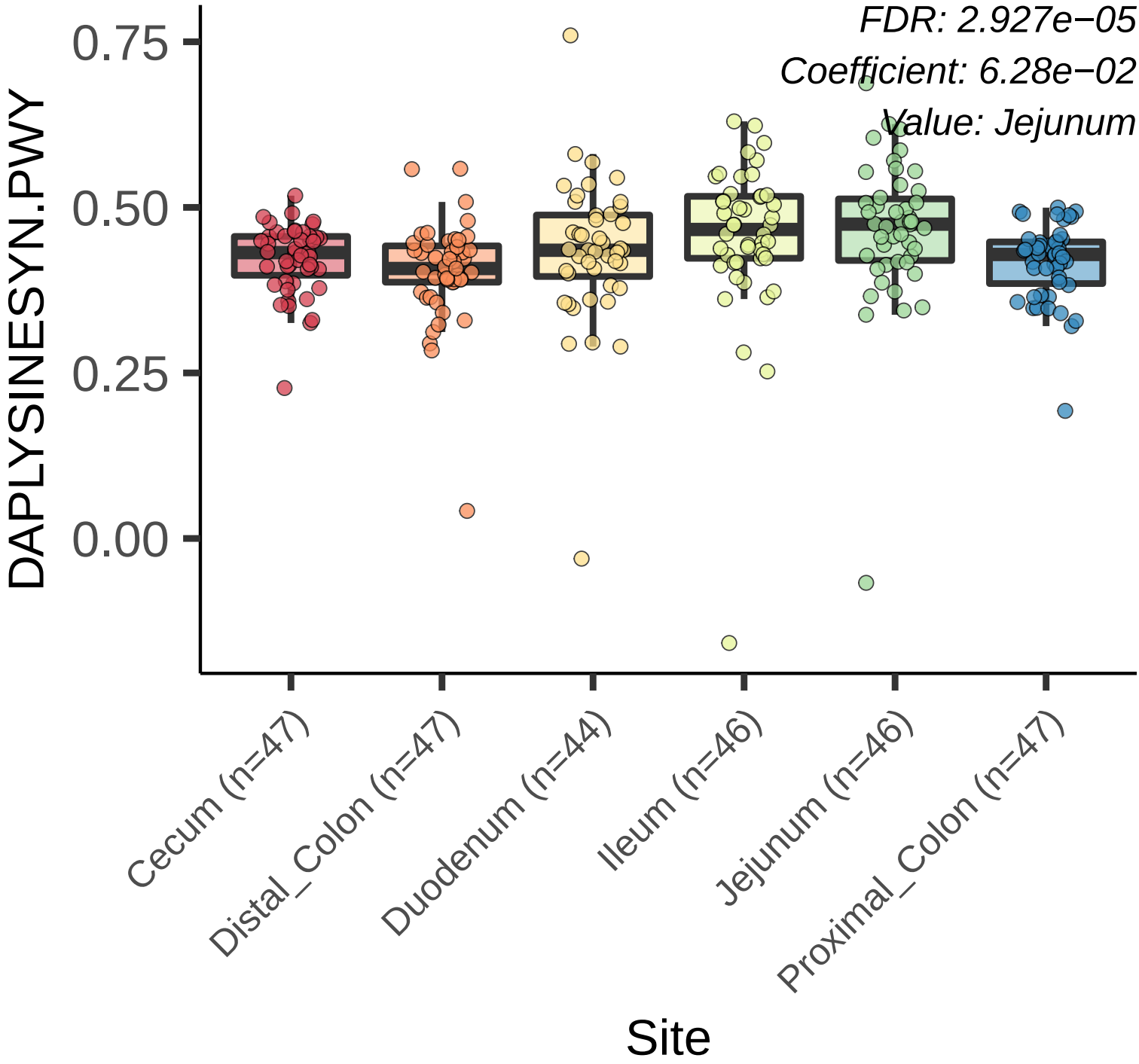
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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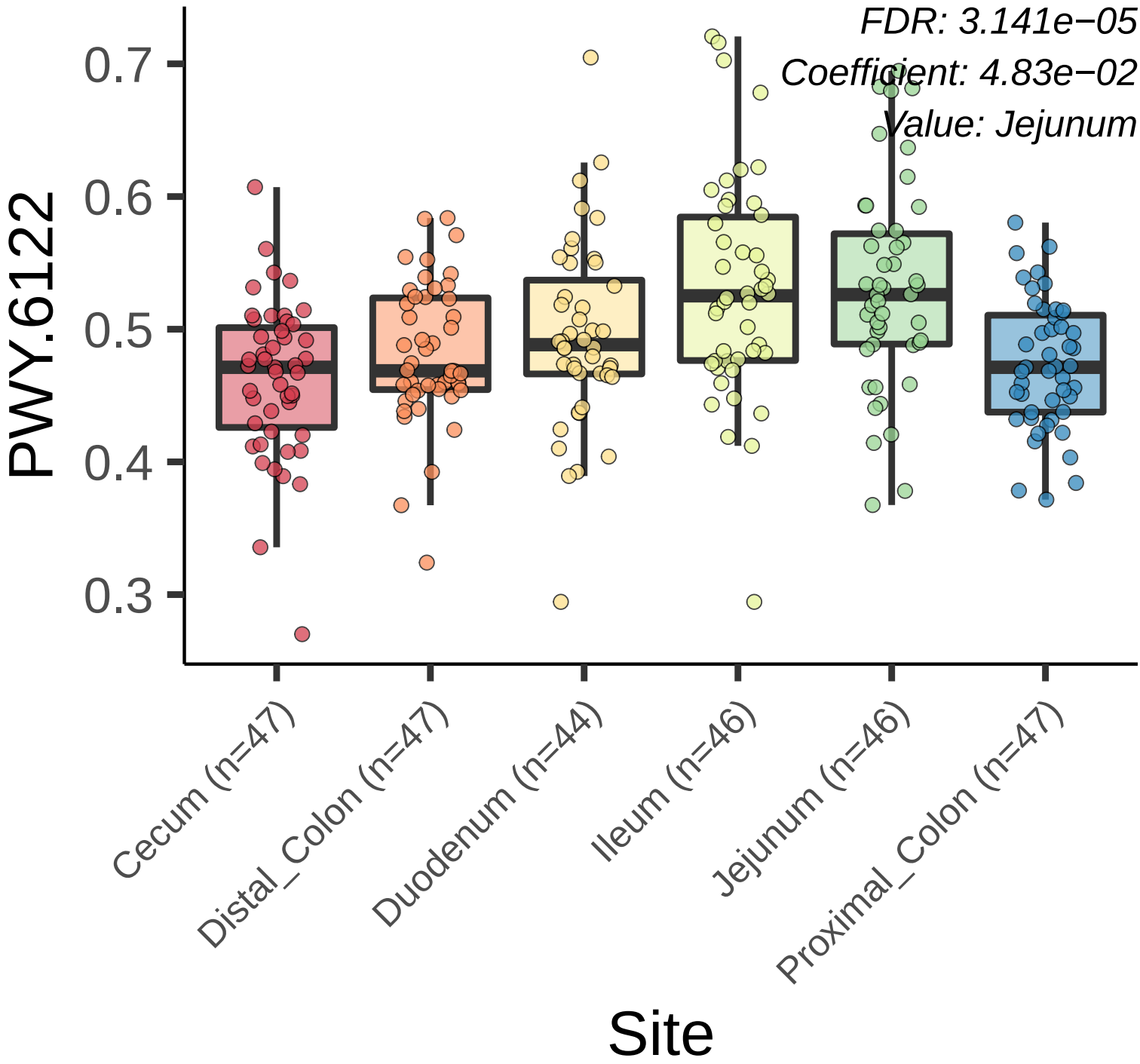
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 4.83e−02
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0.4
0.3
Cecum (n=47)
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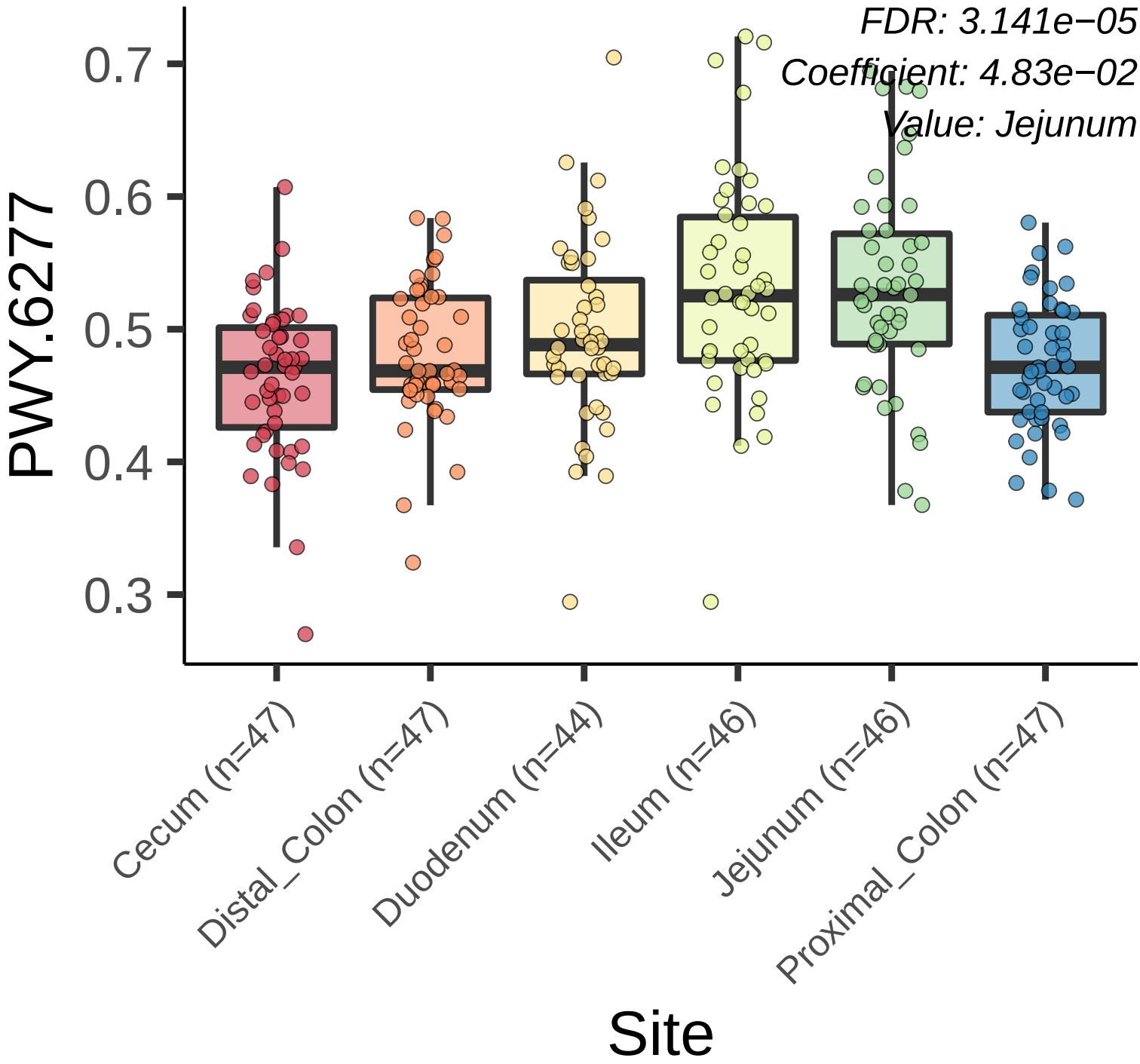
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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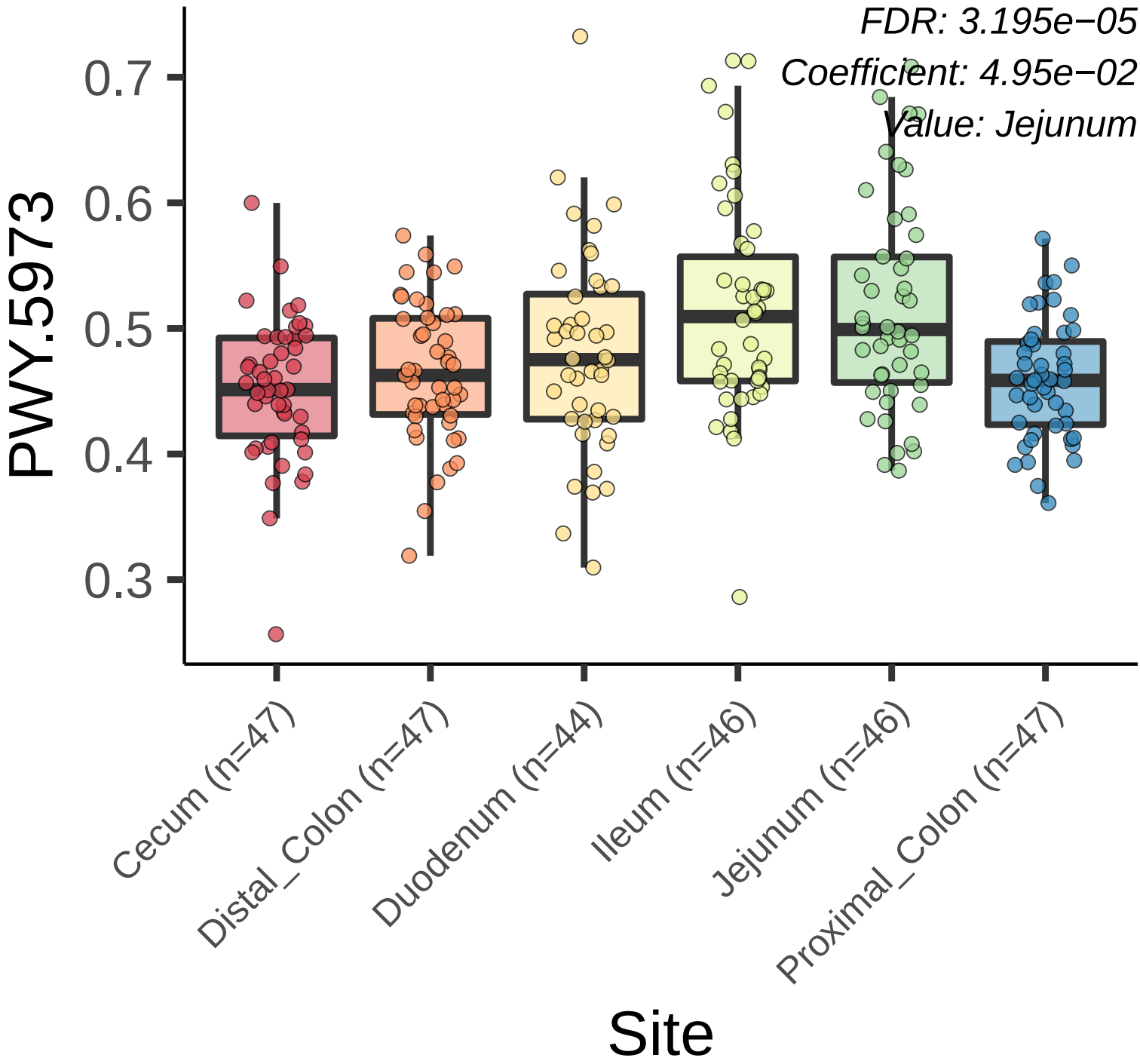
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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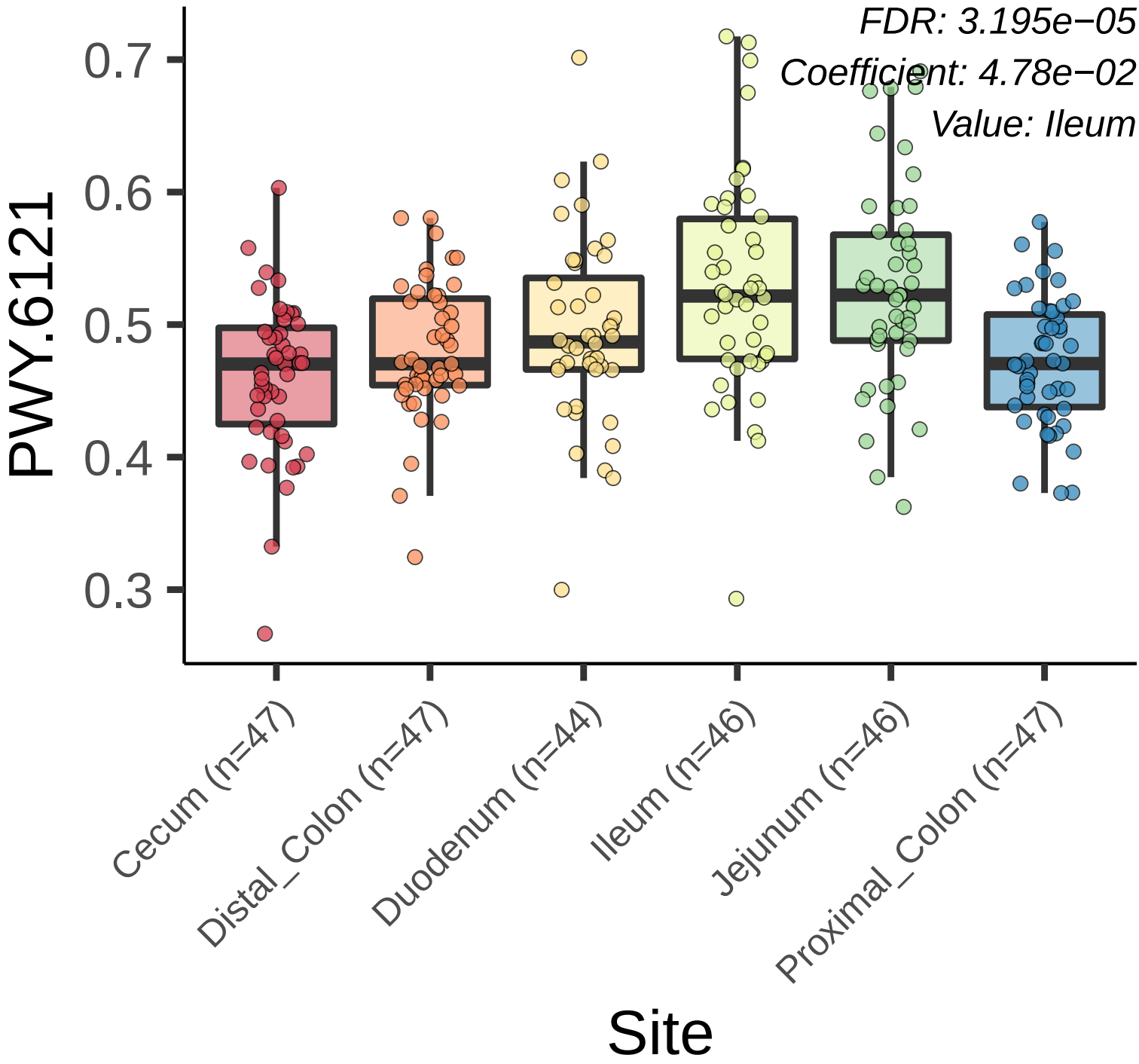
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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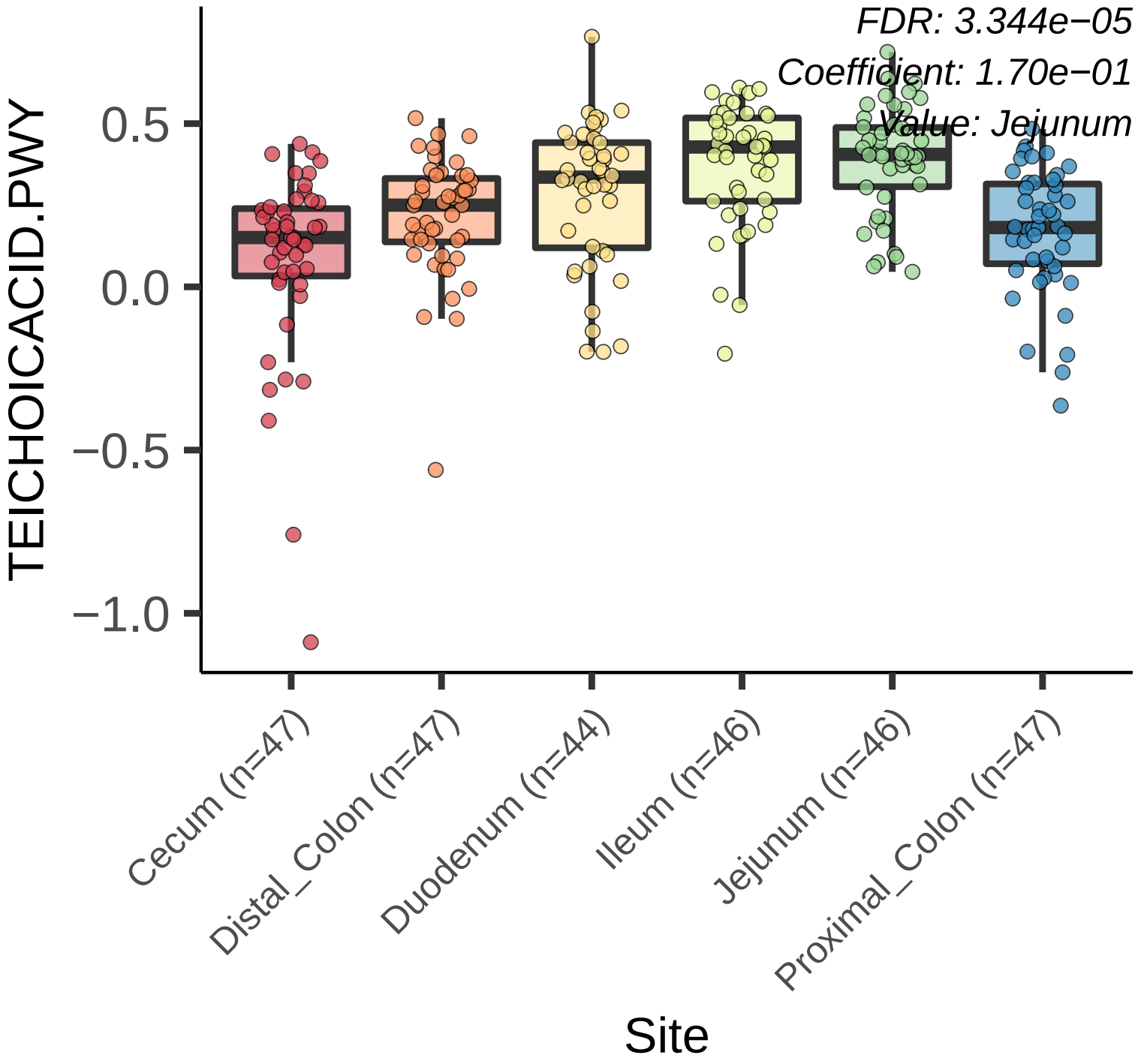
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.70e−01
Value: Jejunum
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−0.5
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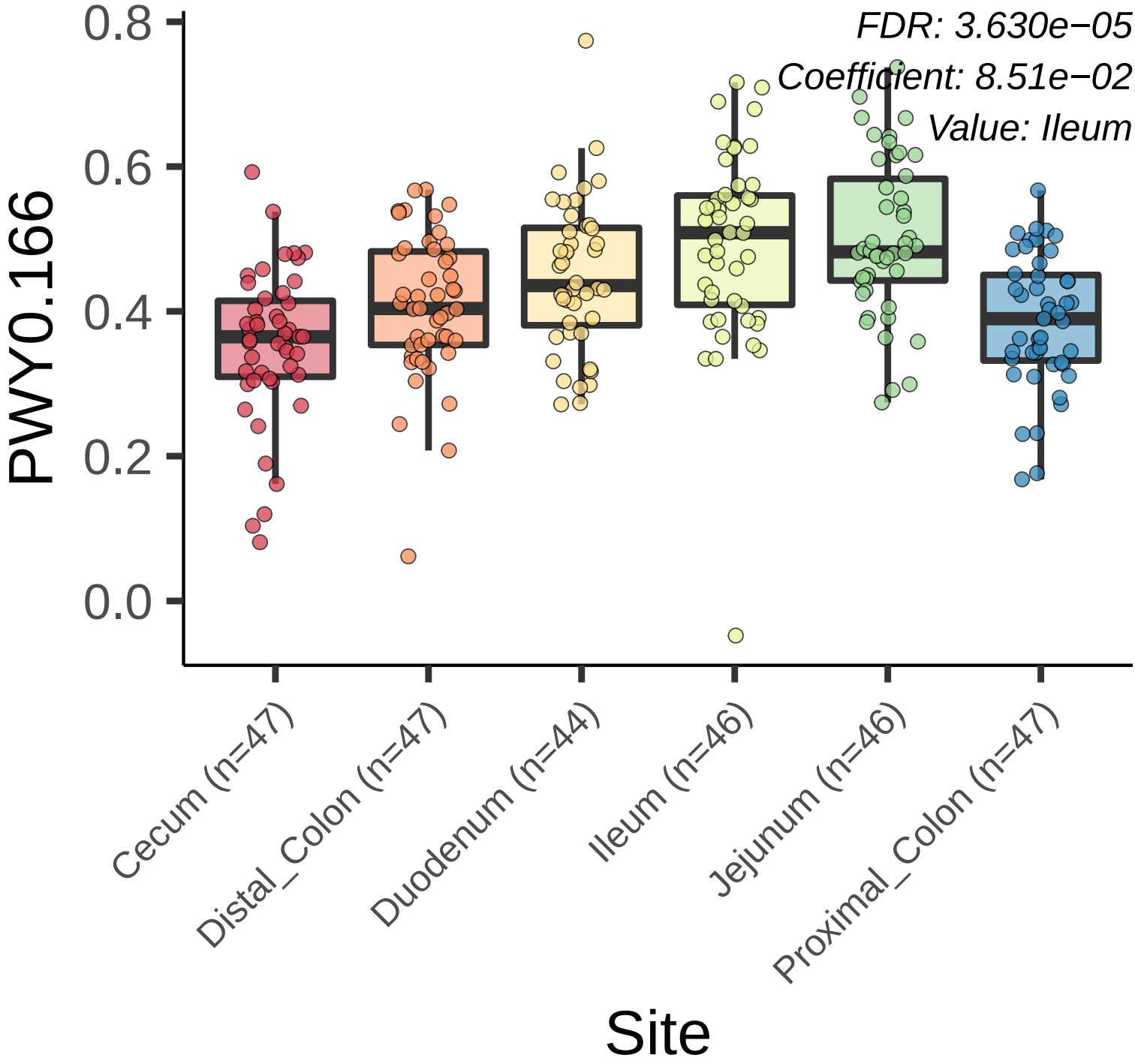
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 8.51e−02
Value: Ileum
PWY0.166
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0.4
0.2
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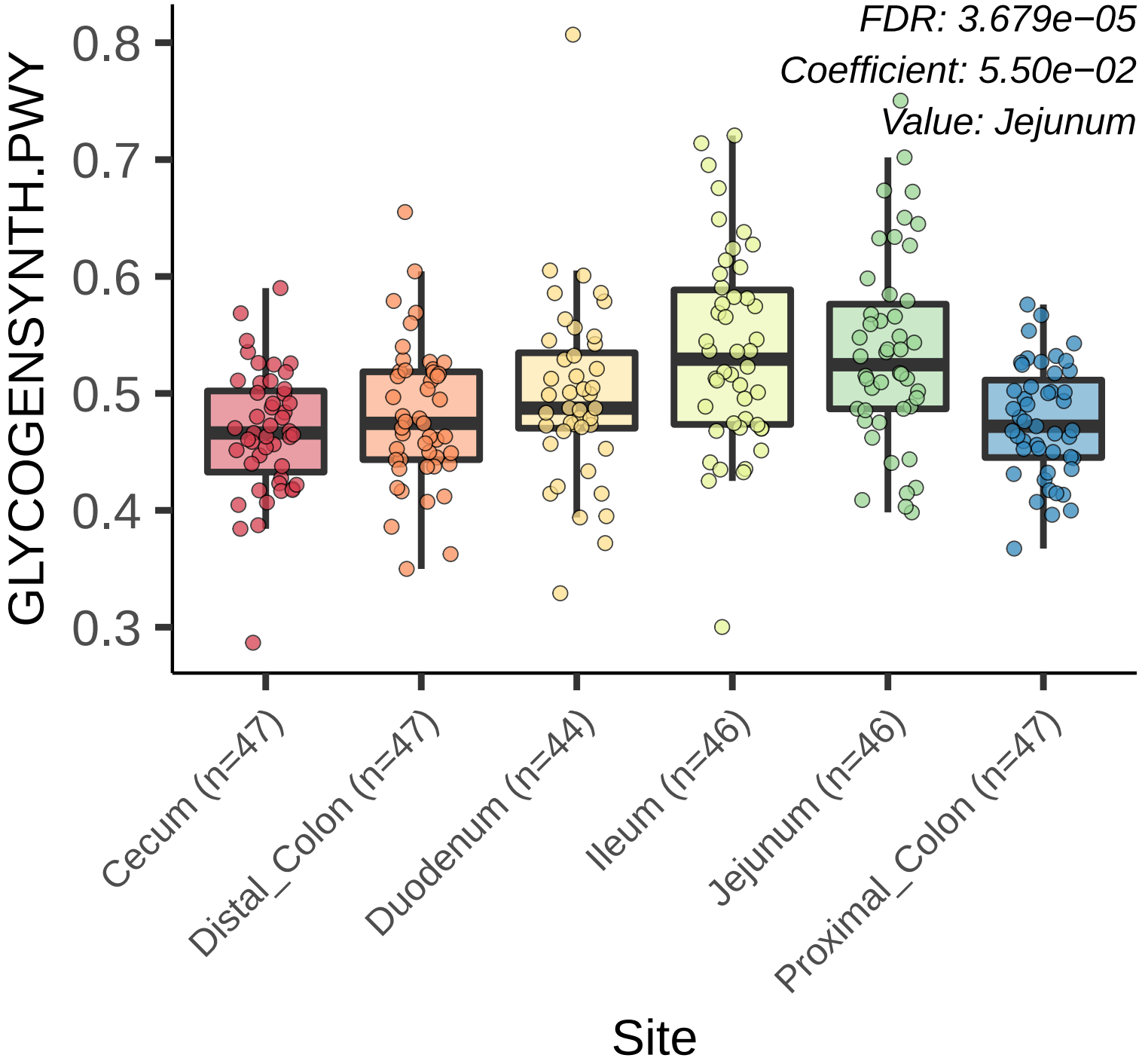
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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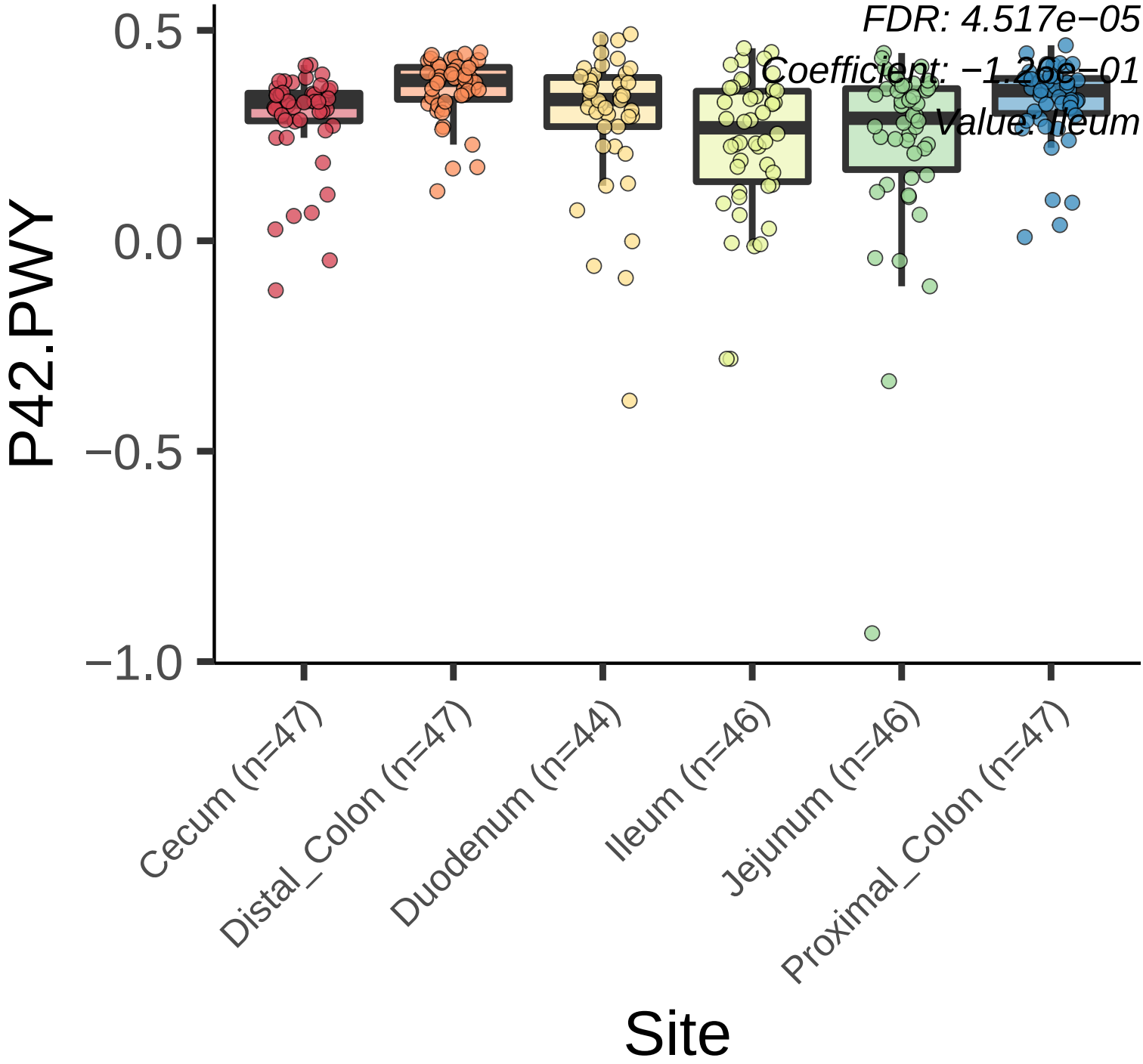
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.26e−01
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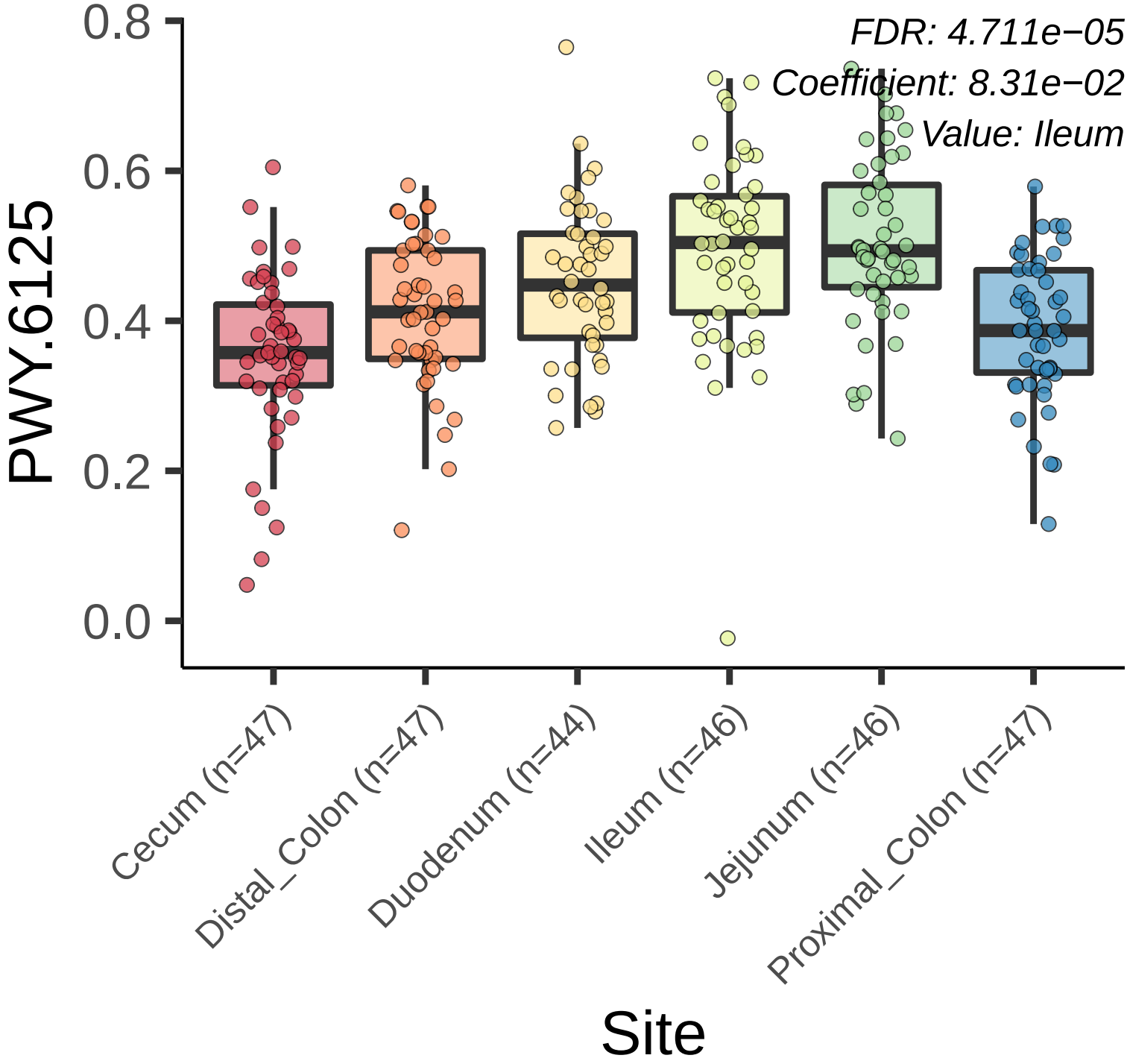
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 8.31e−02
Value: Ileum
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0.4
0.2
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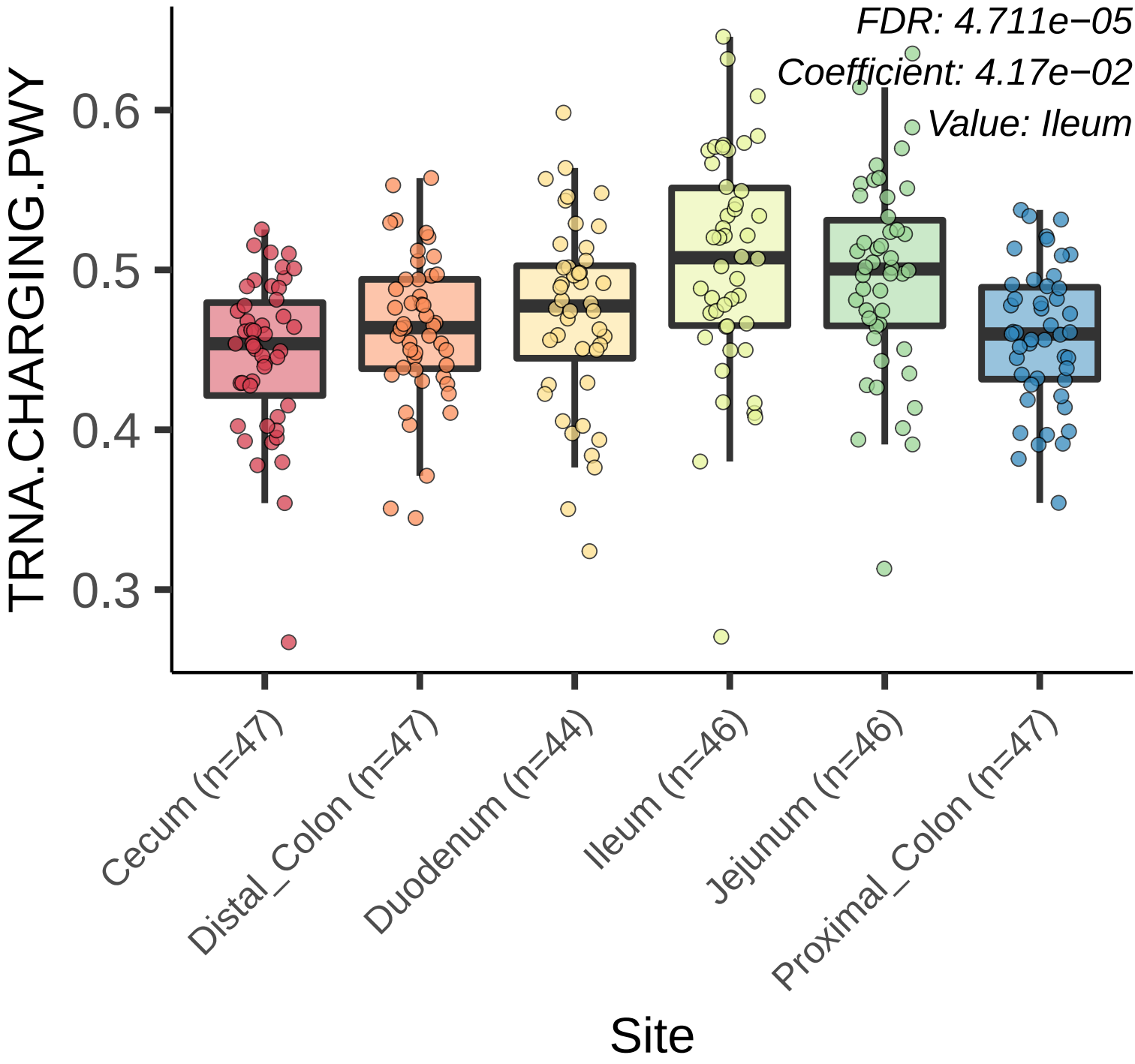
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.711e−05
Coefficient: 4.17e−02
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TRNA.CHARGING.PWY
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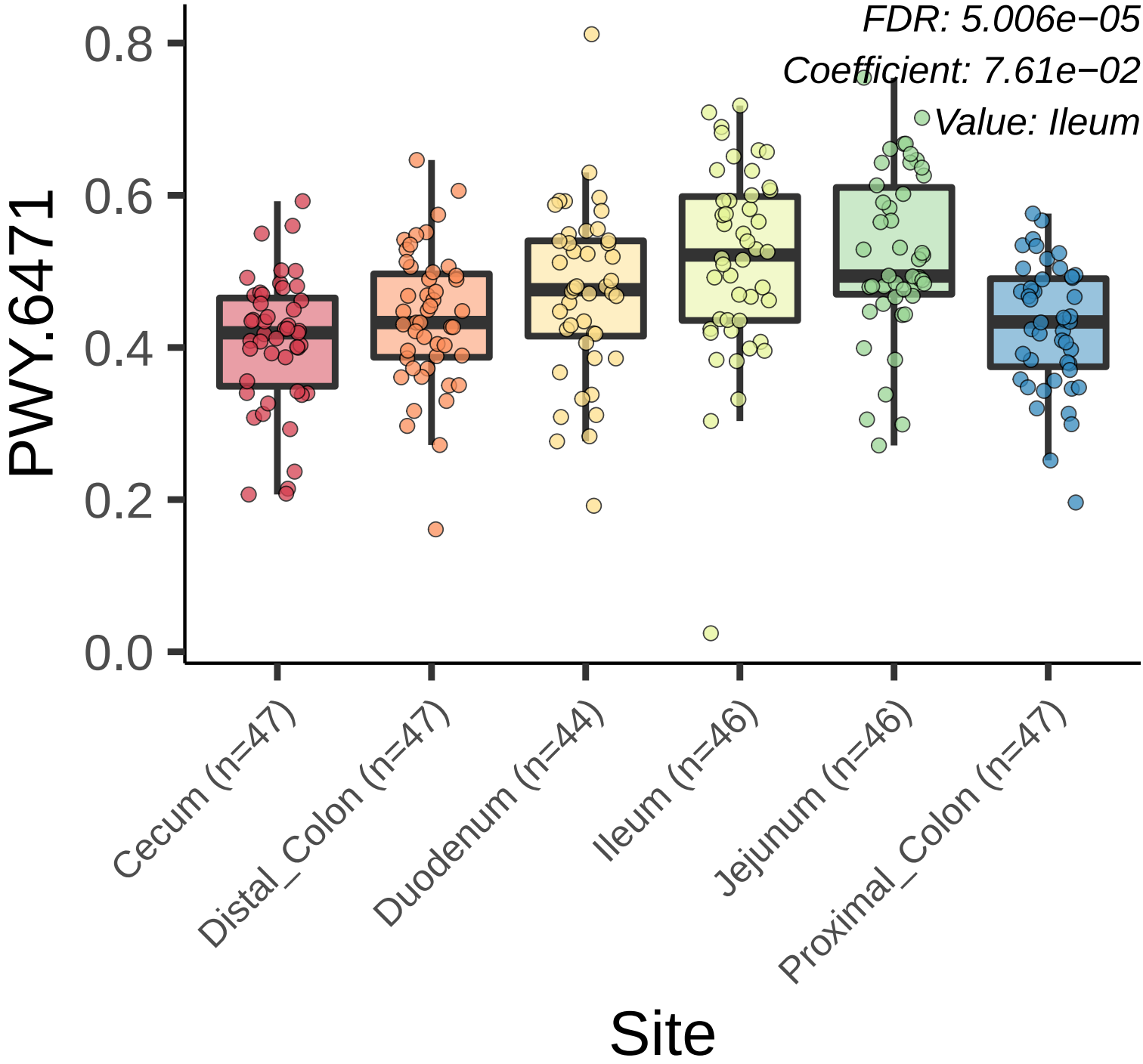
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.006e−05
Coefficient: 7.61e−02
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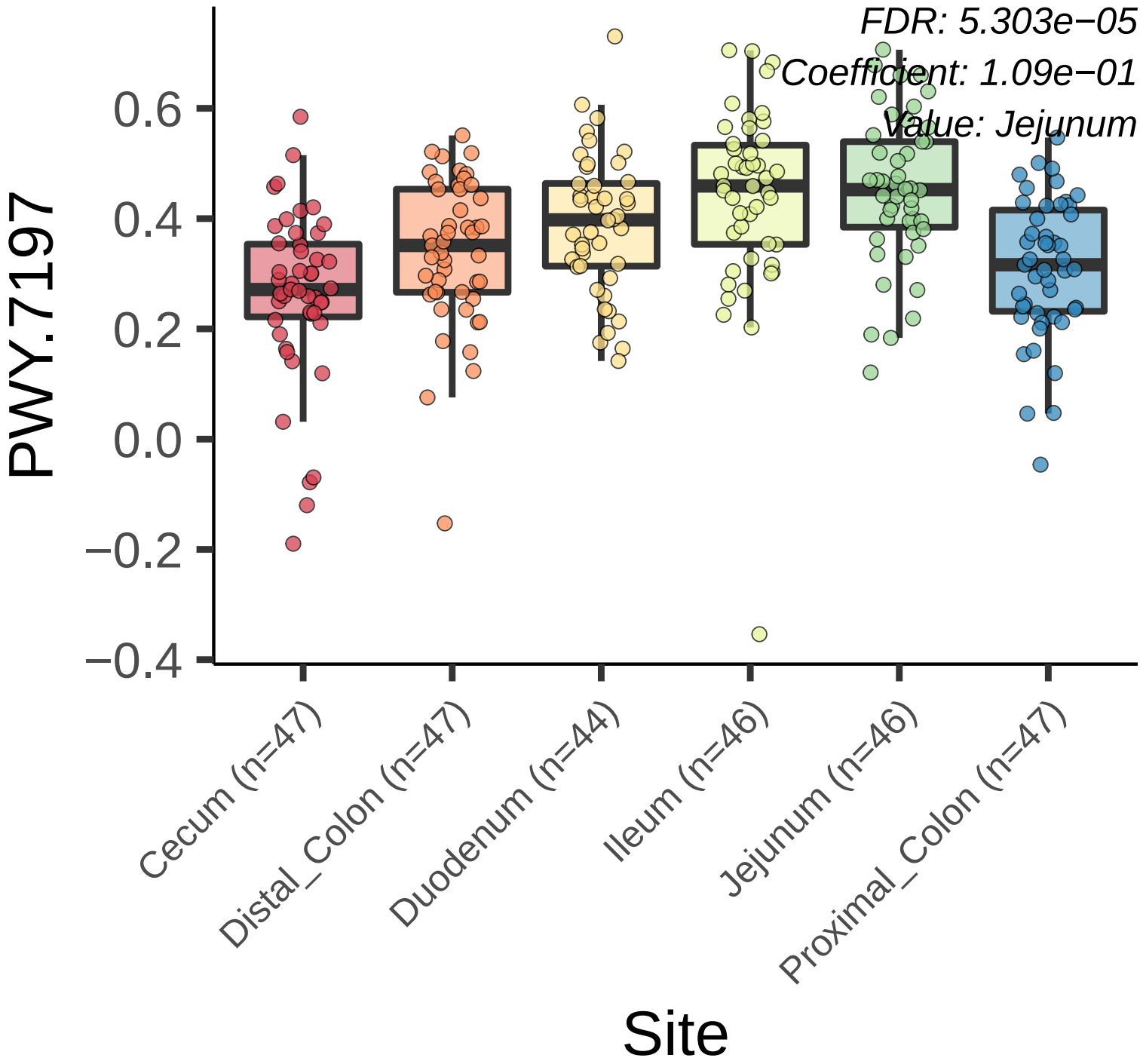
0.4
0.6
0.8
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.2
0.0
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−0.4
Cecum (n=47)
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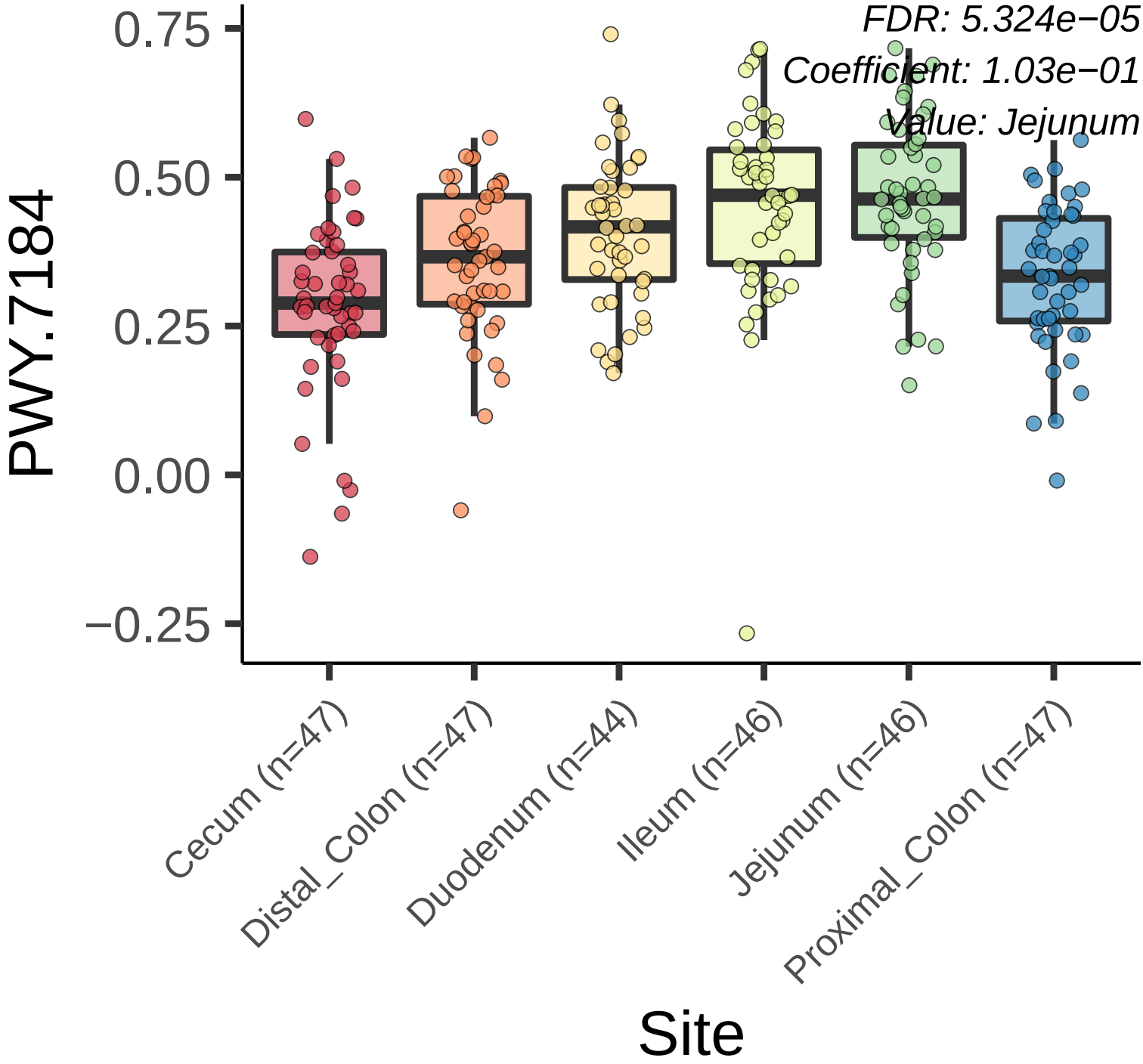
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.324e−05
Coefficient: 1.03e−01
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0.25
0.00
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Cecum (n=47)
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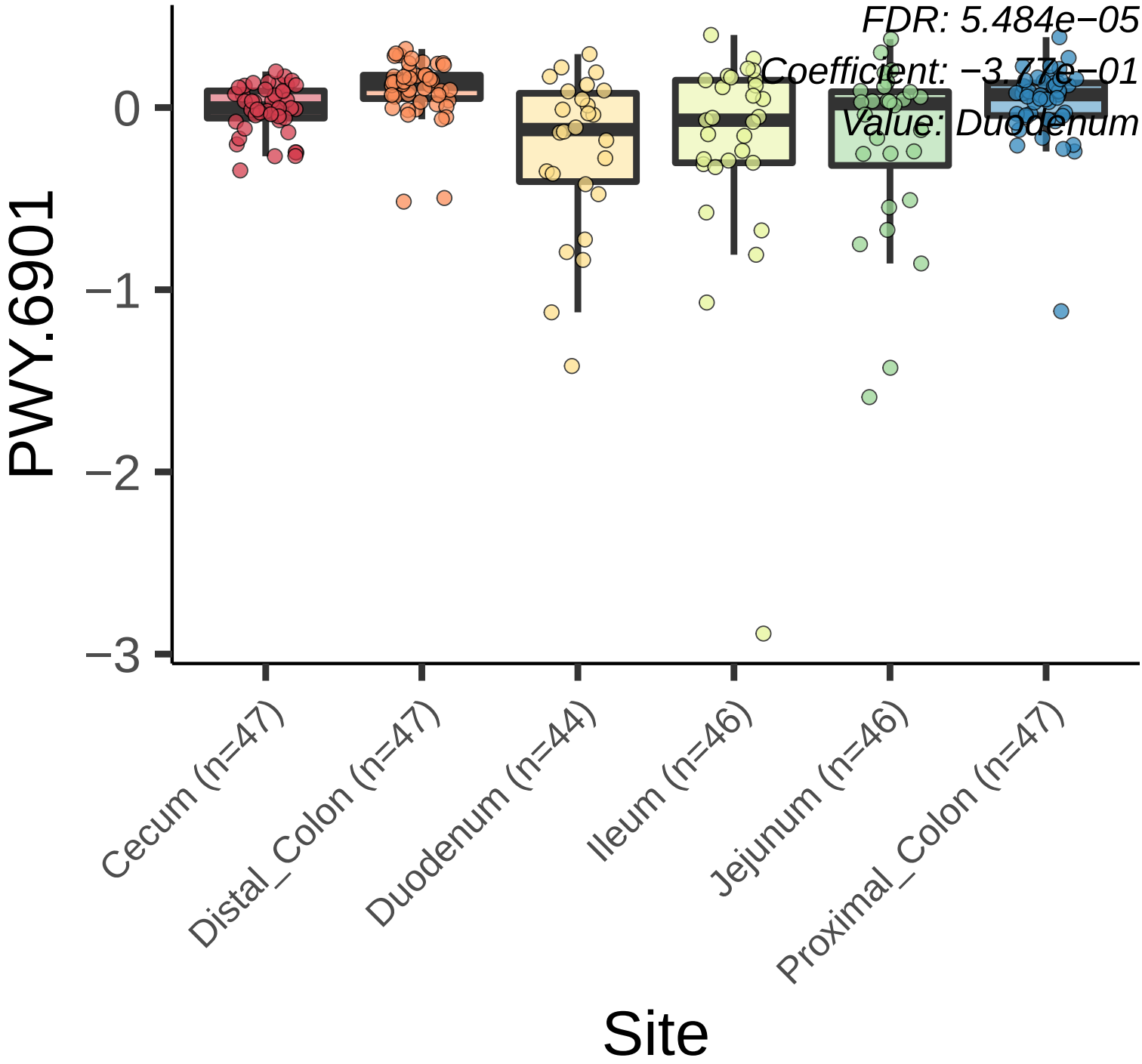
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.776e−01
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−2
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Cecum (n=47)
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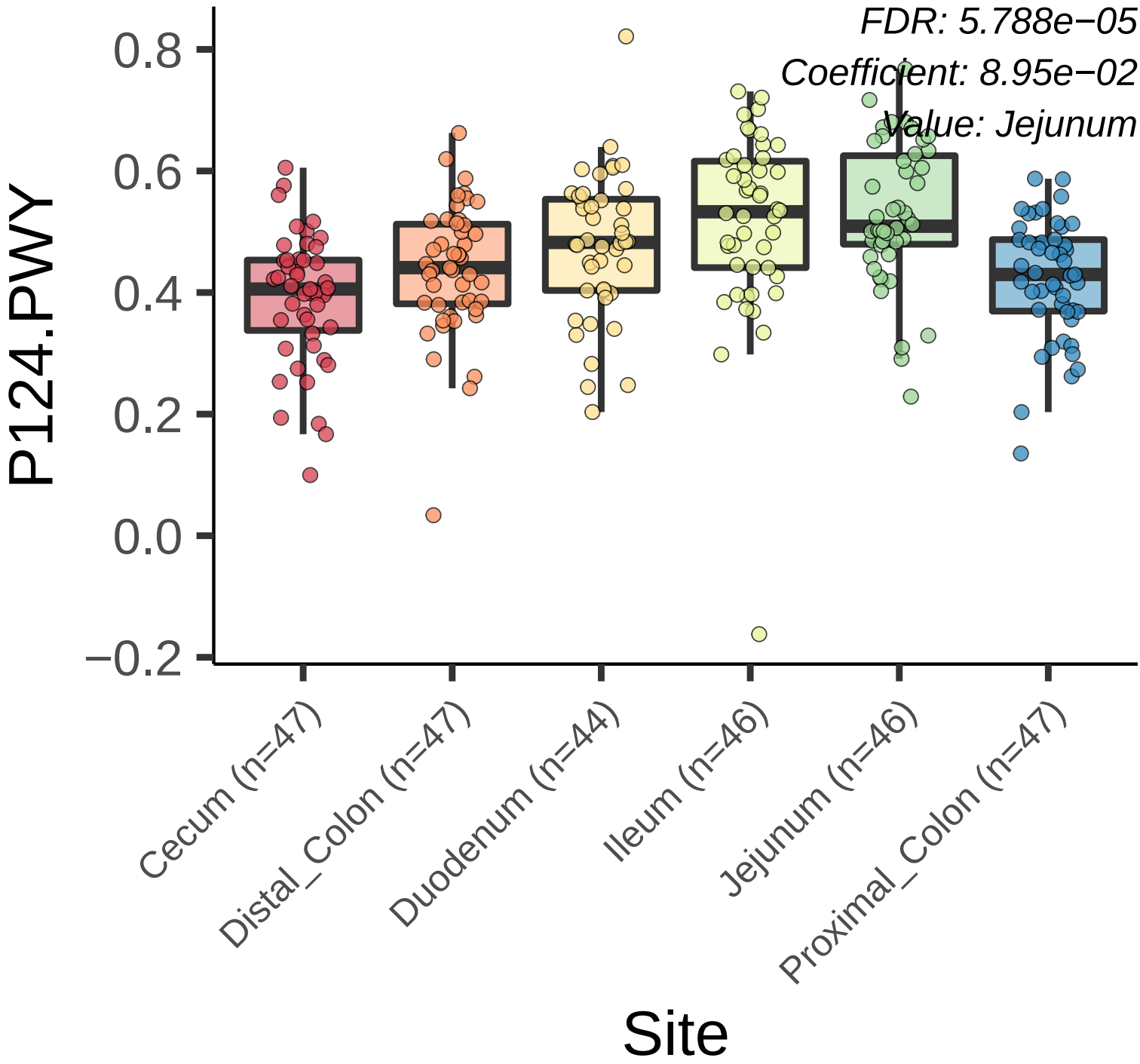
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 8.95e−02
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P124.PWY
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0.6
0.4
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−0.2
Cecum (n=47)
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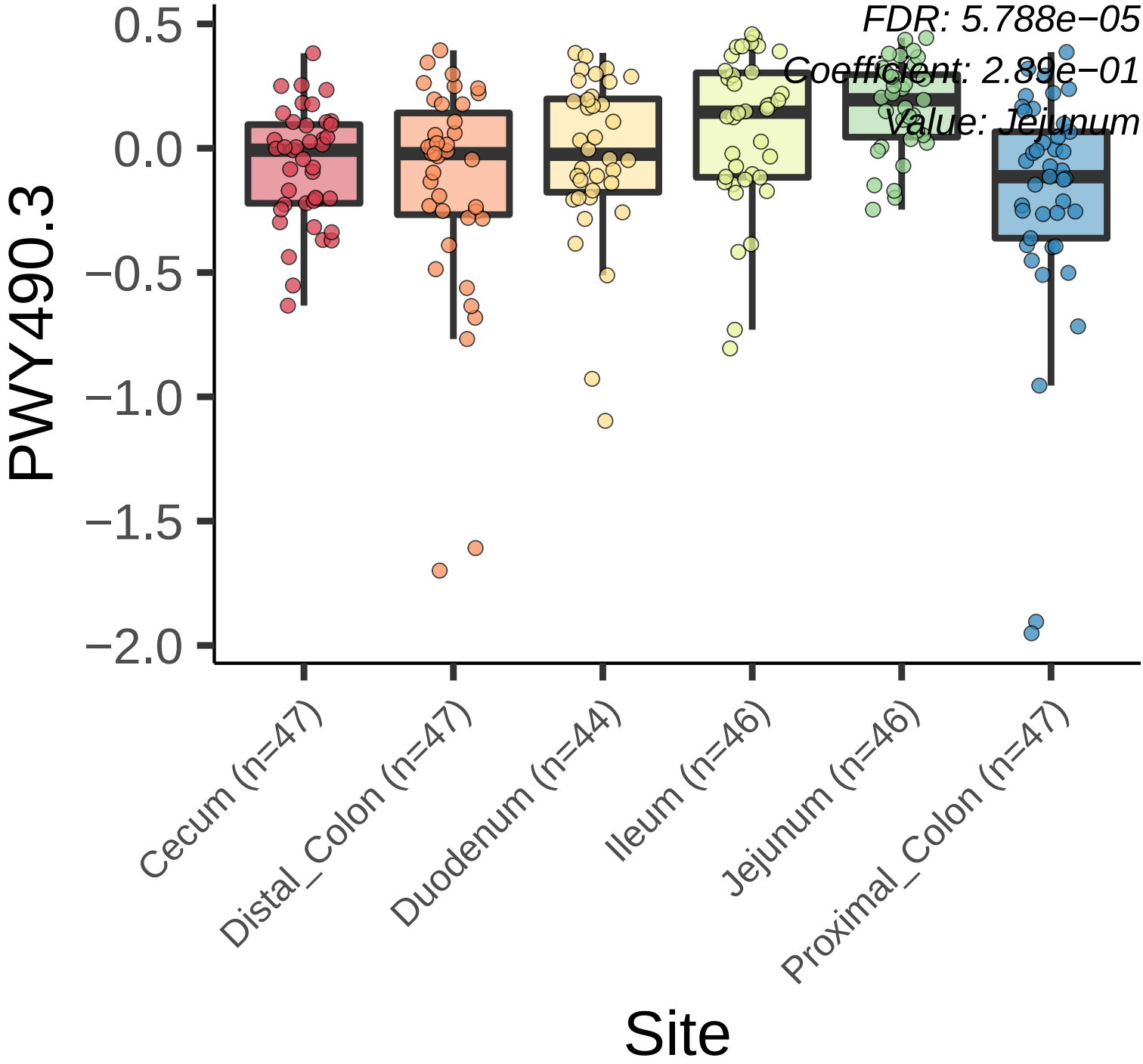
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.788e−05
Coefficient: 2.89e−01
Value: Jejunum
PWY490.3
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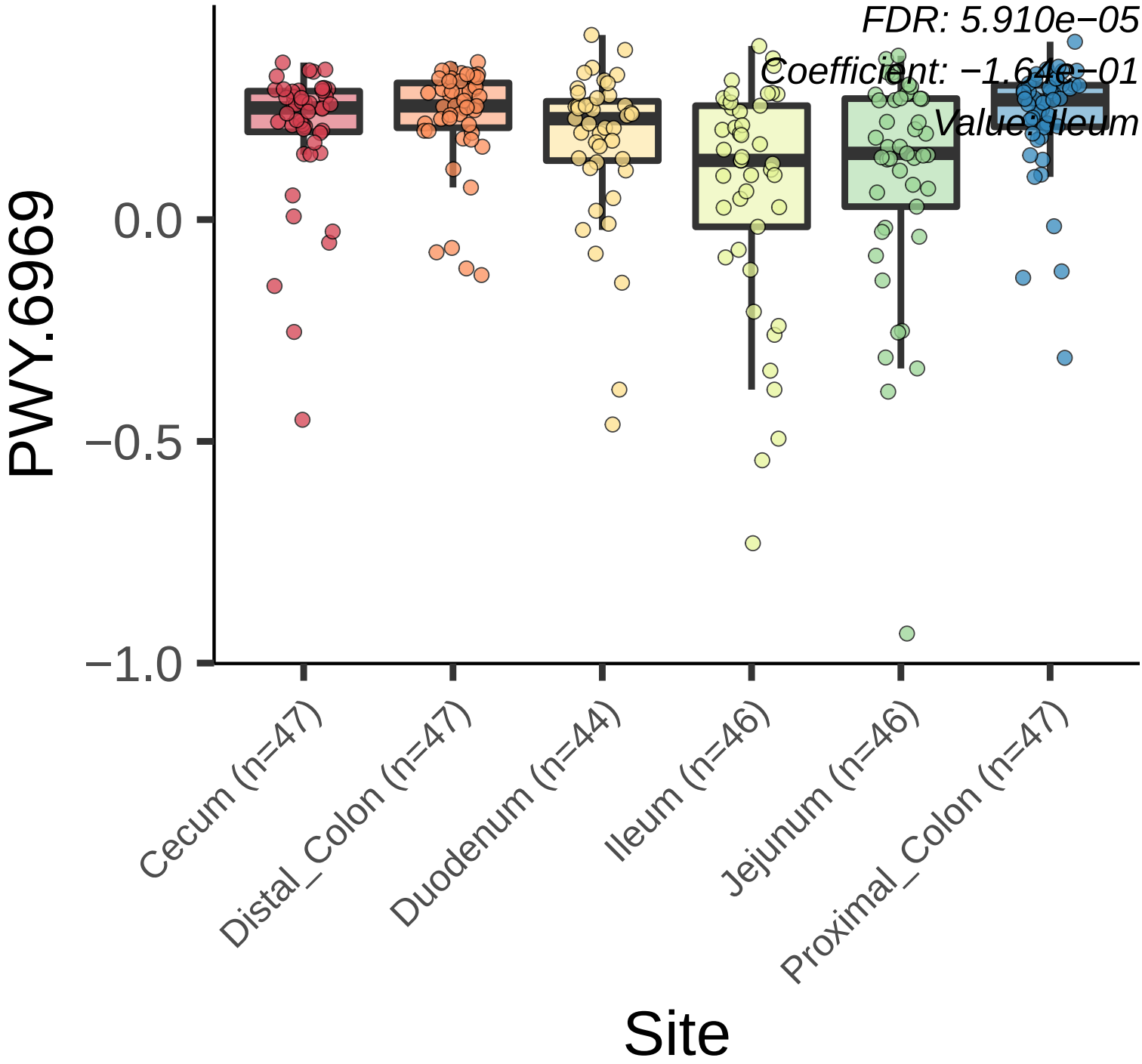
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.64e−01
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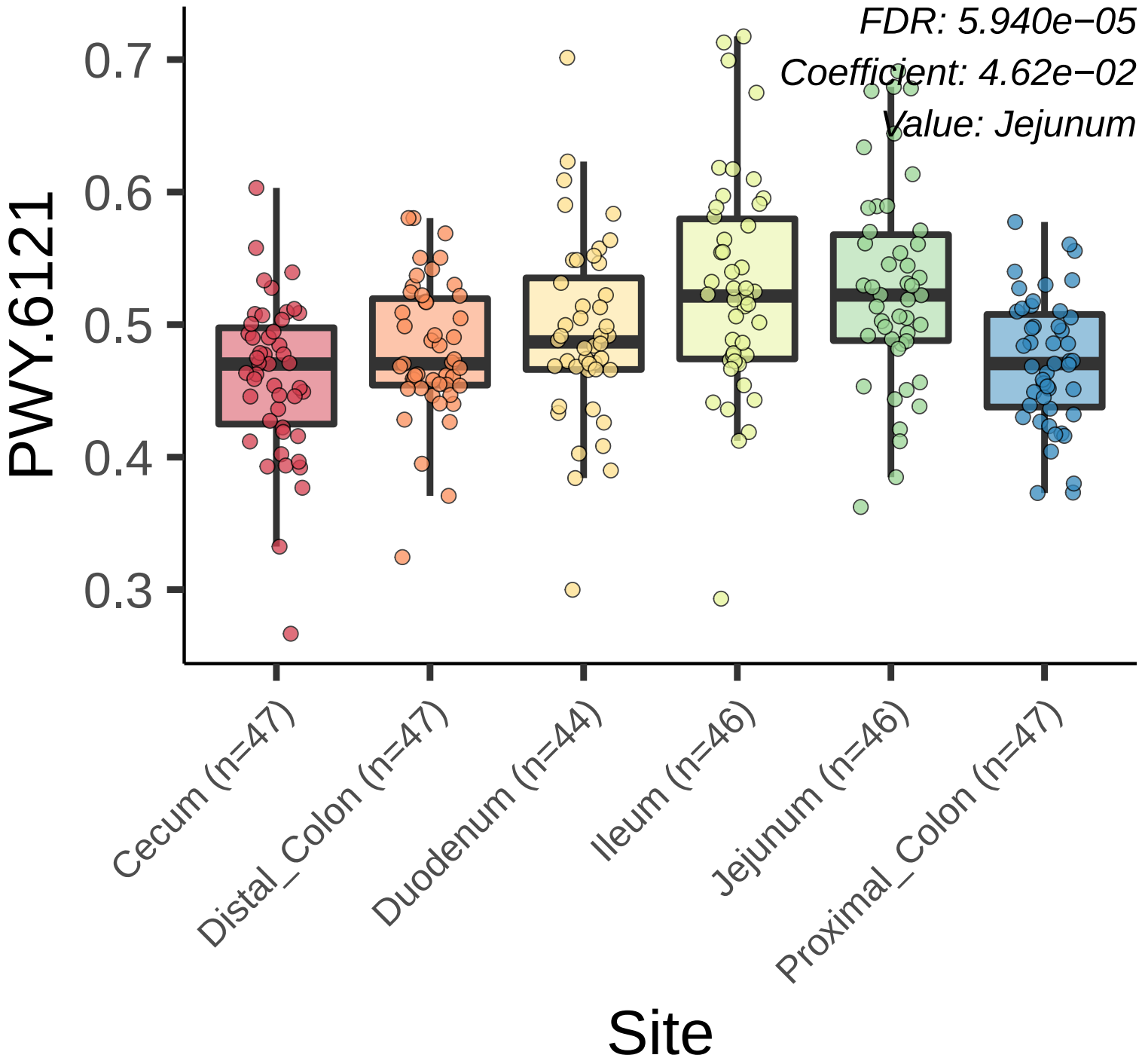
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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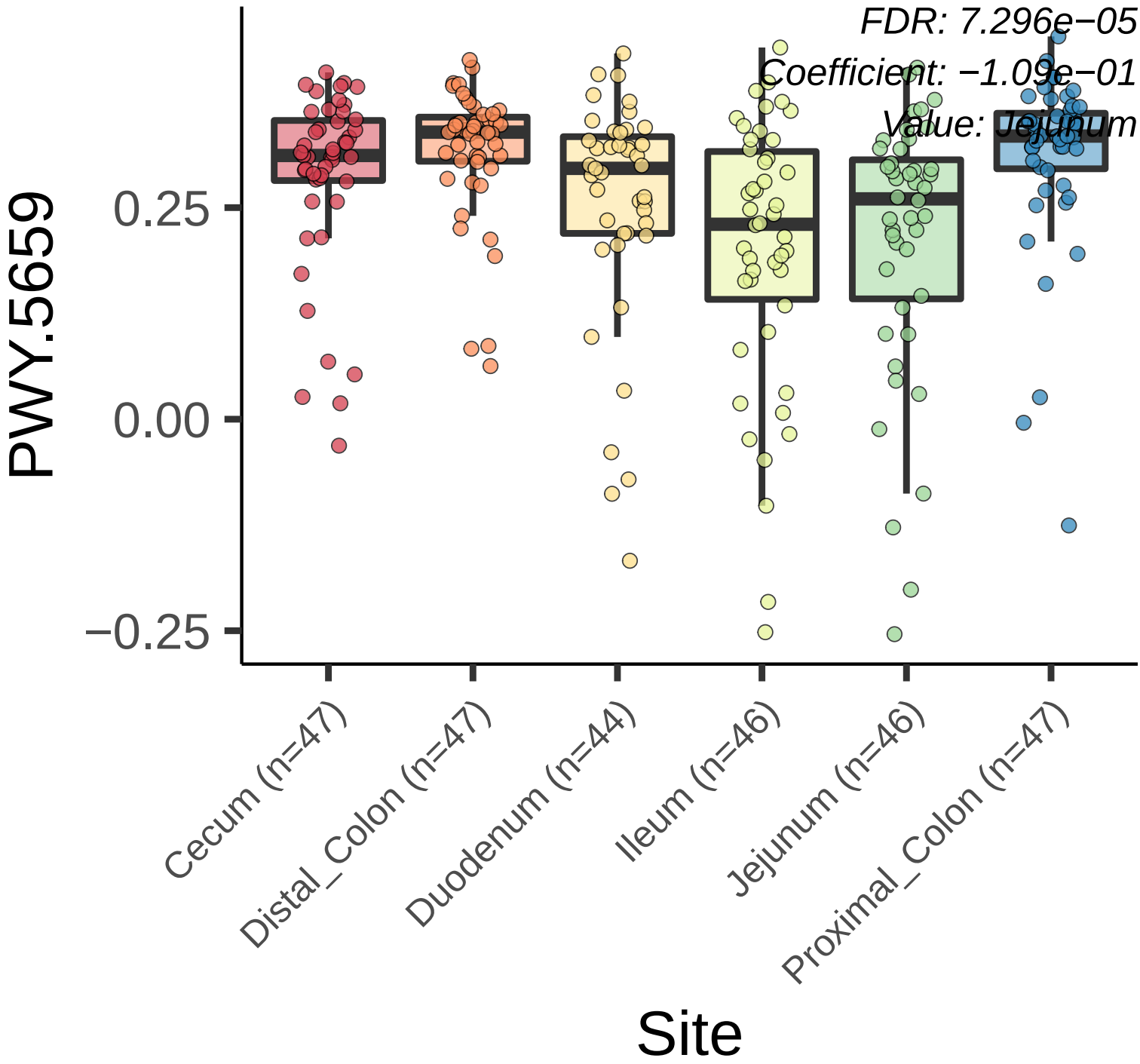
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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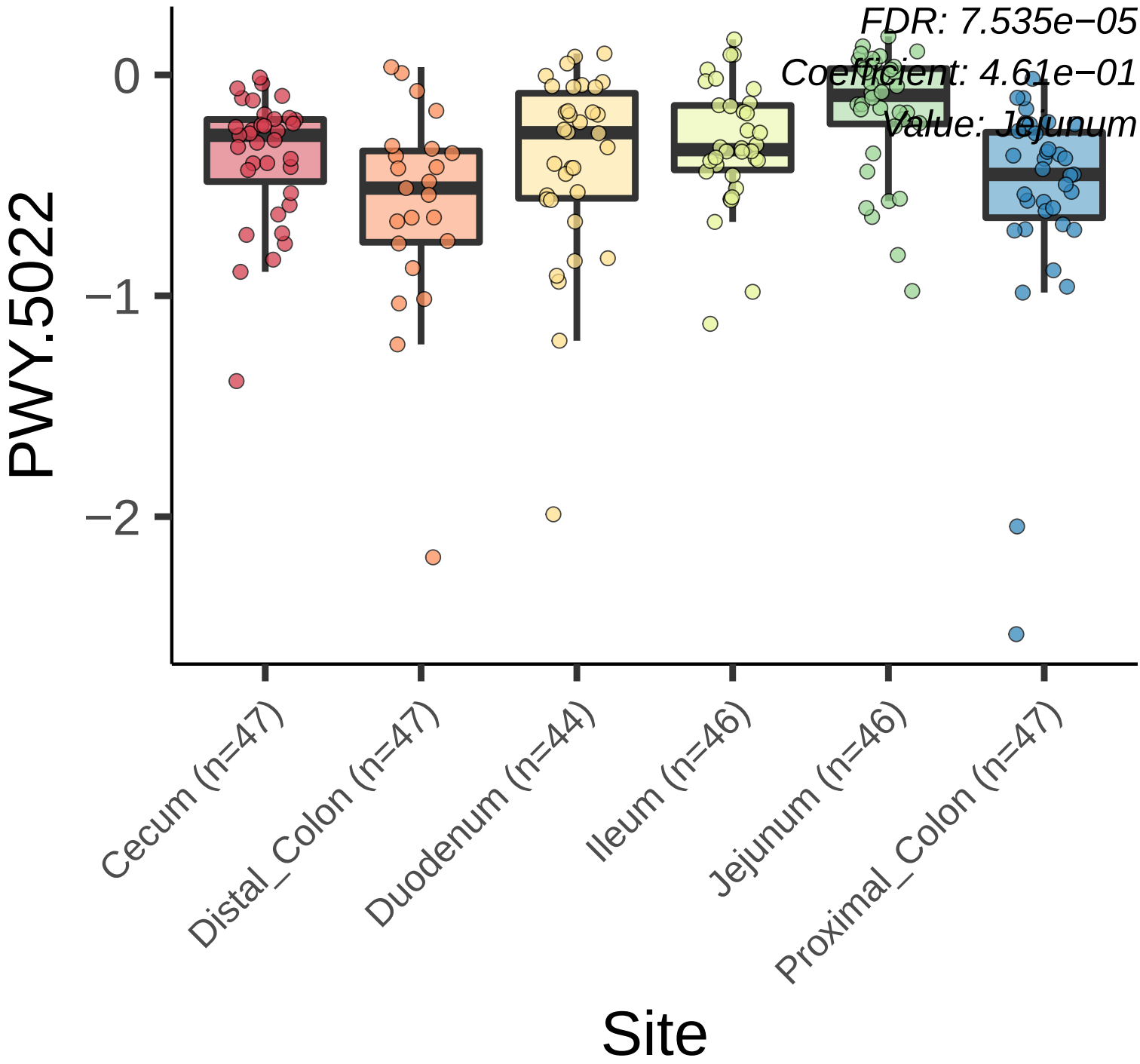
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 7.535e−05
Coefficient: 4.61e−01
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−1
−2
Cecum (n=47)
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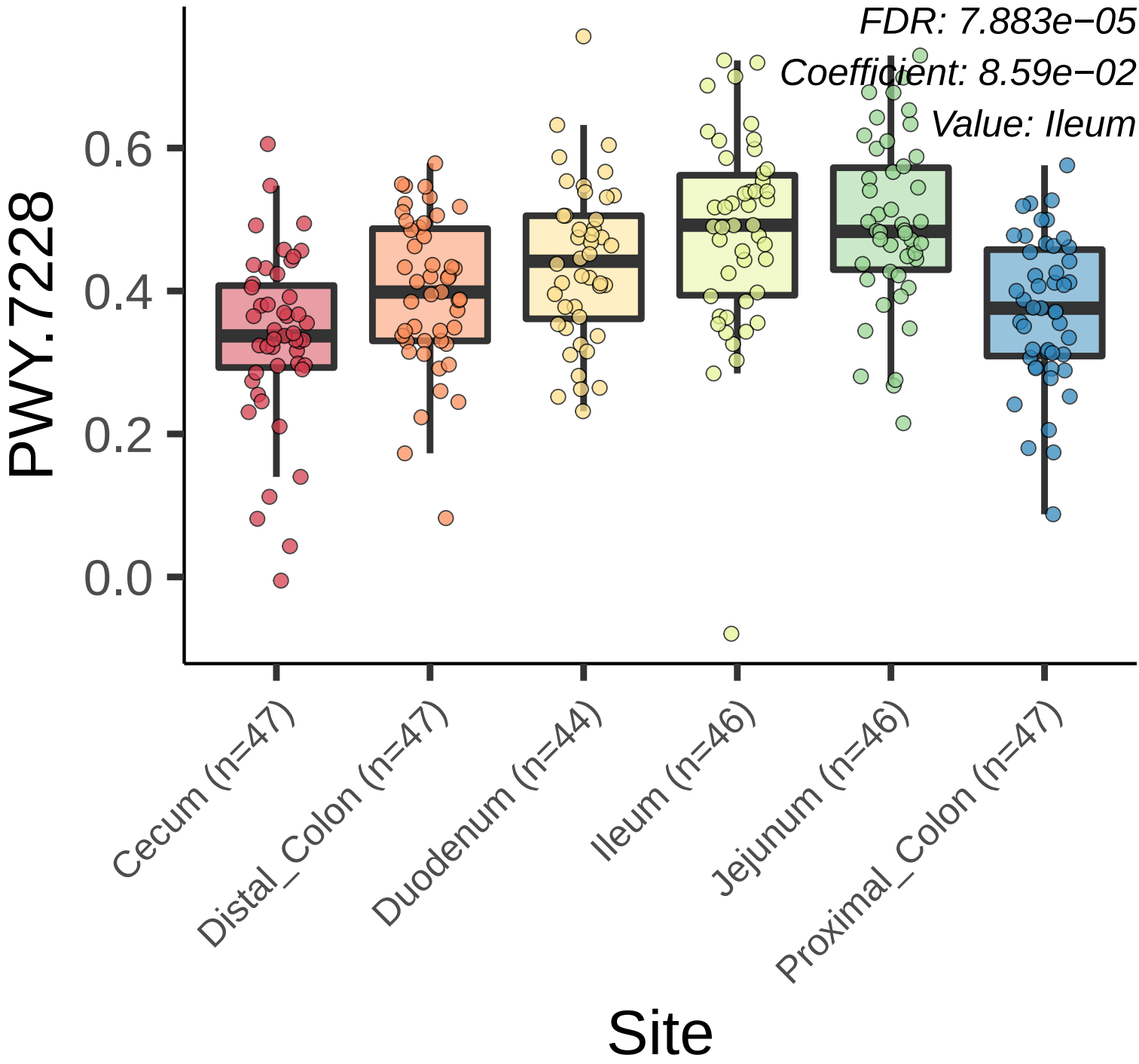
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 8.59e−02
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0.2
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Cecum (n=47)
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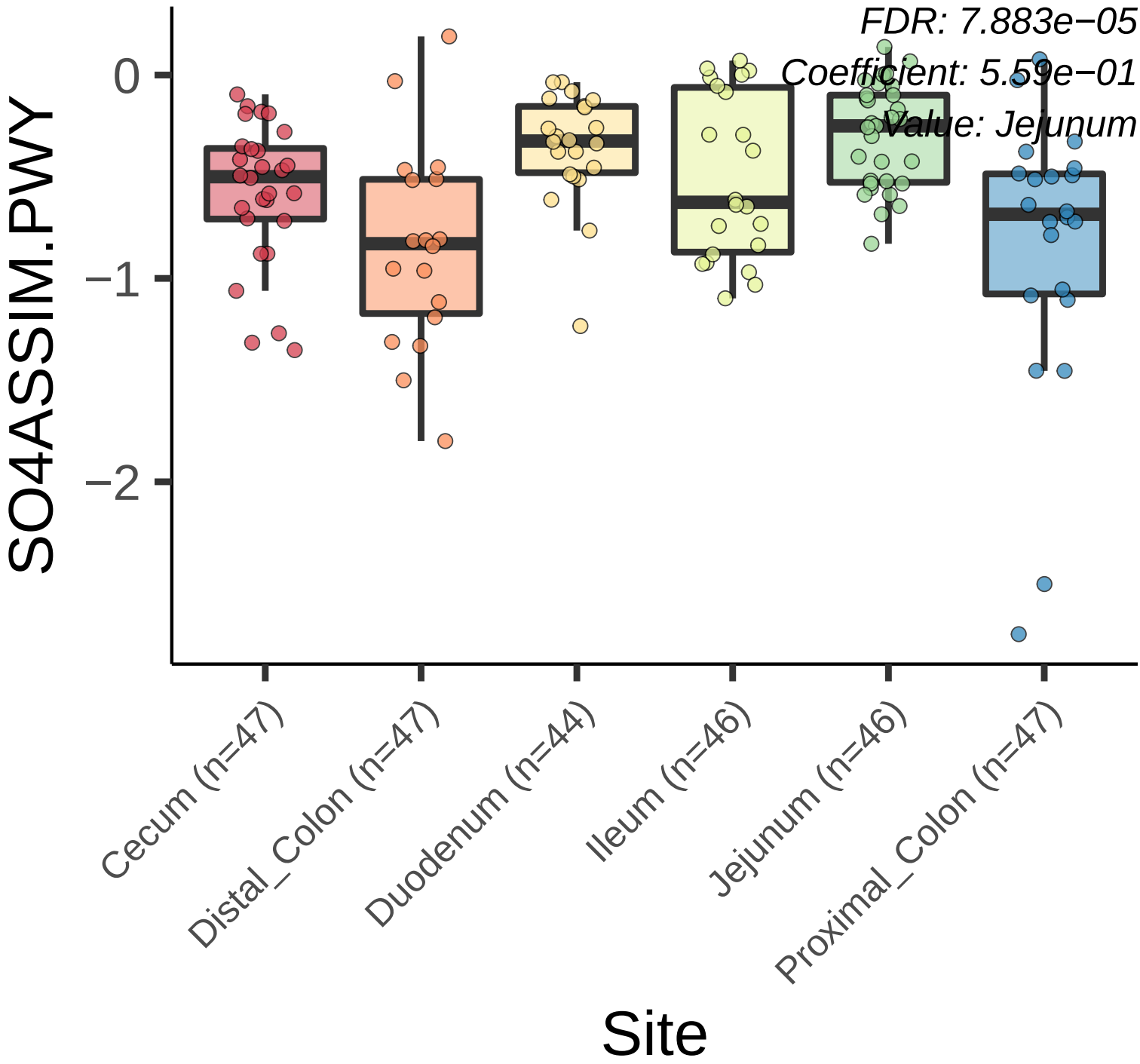
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.59e−01
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Cecum (n=47)
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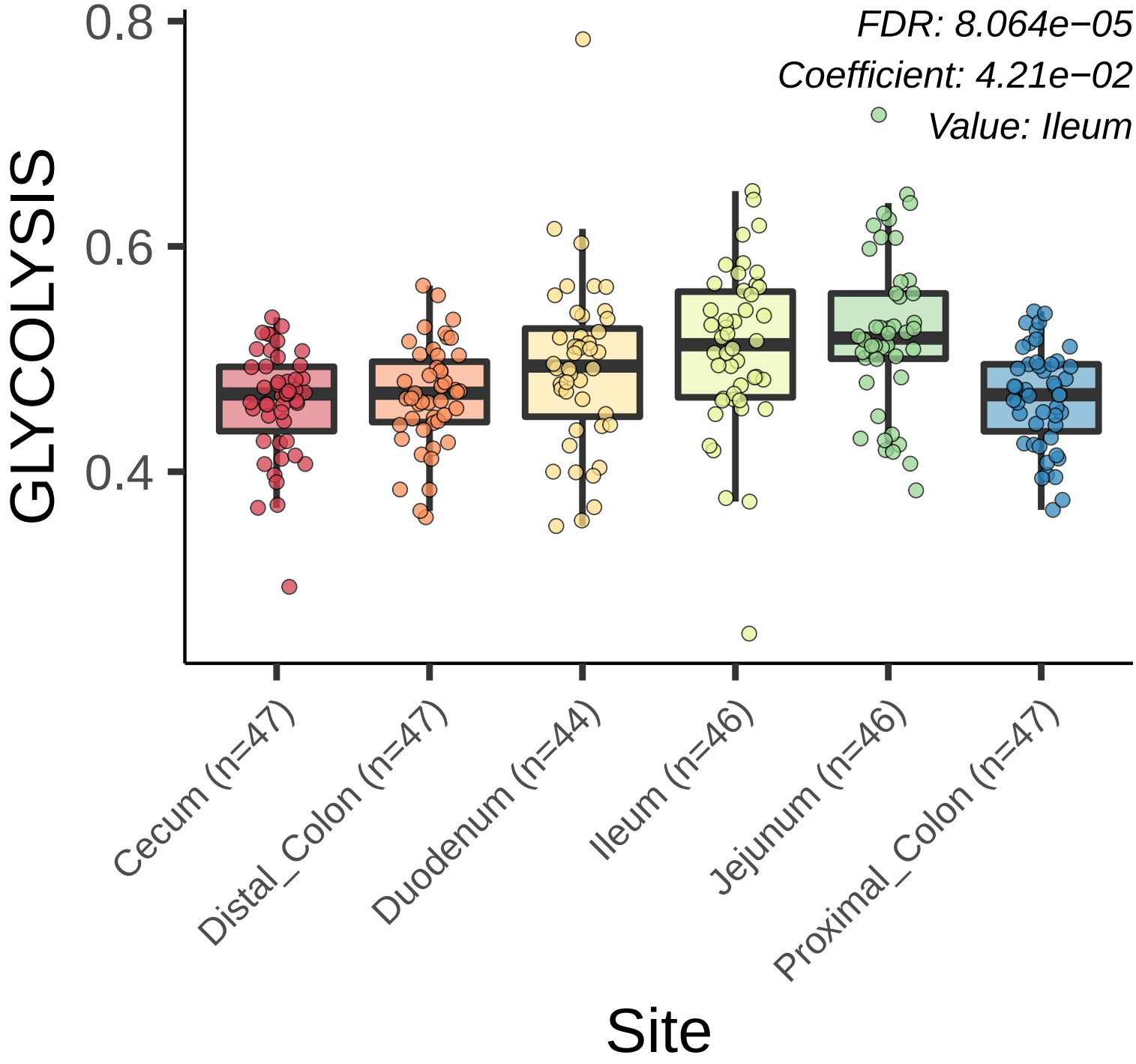
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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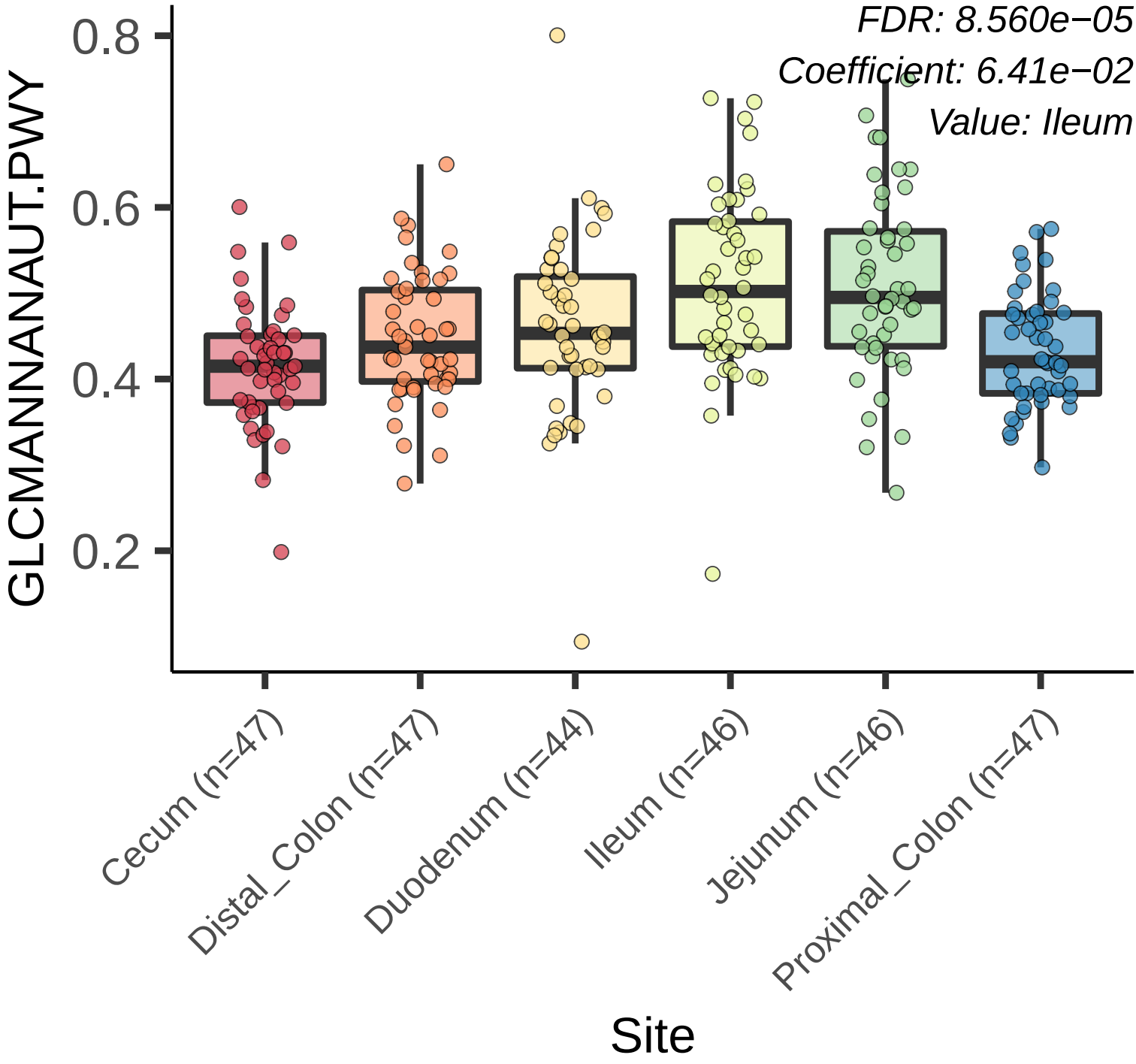
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.6
0.4
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Cecum (n=47)
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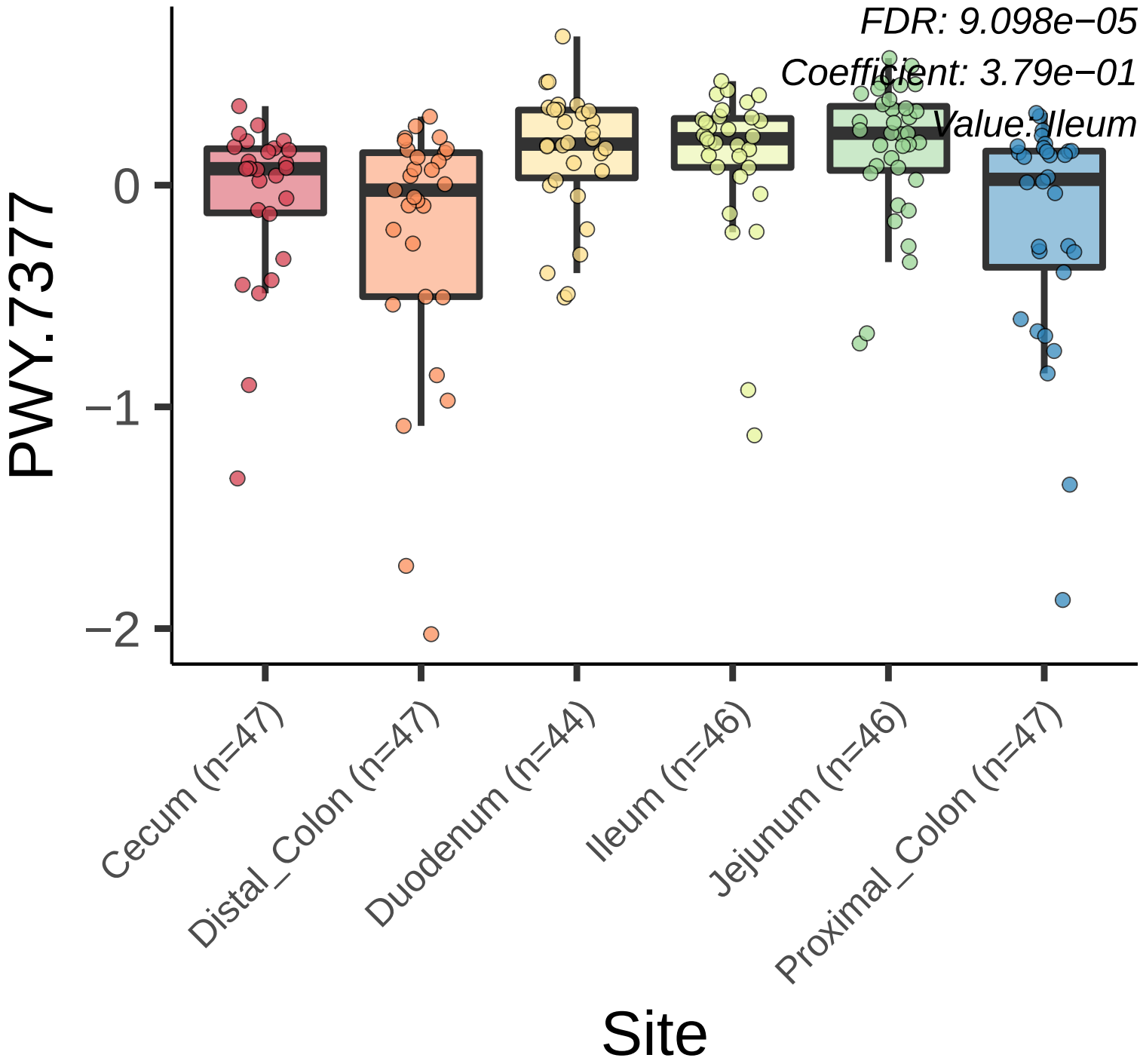
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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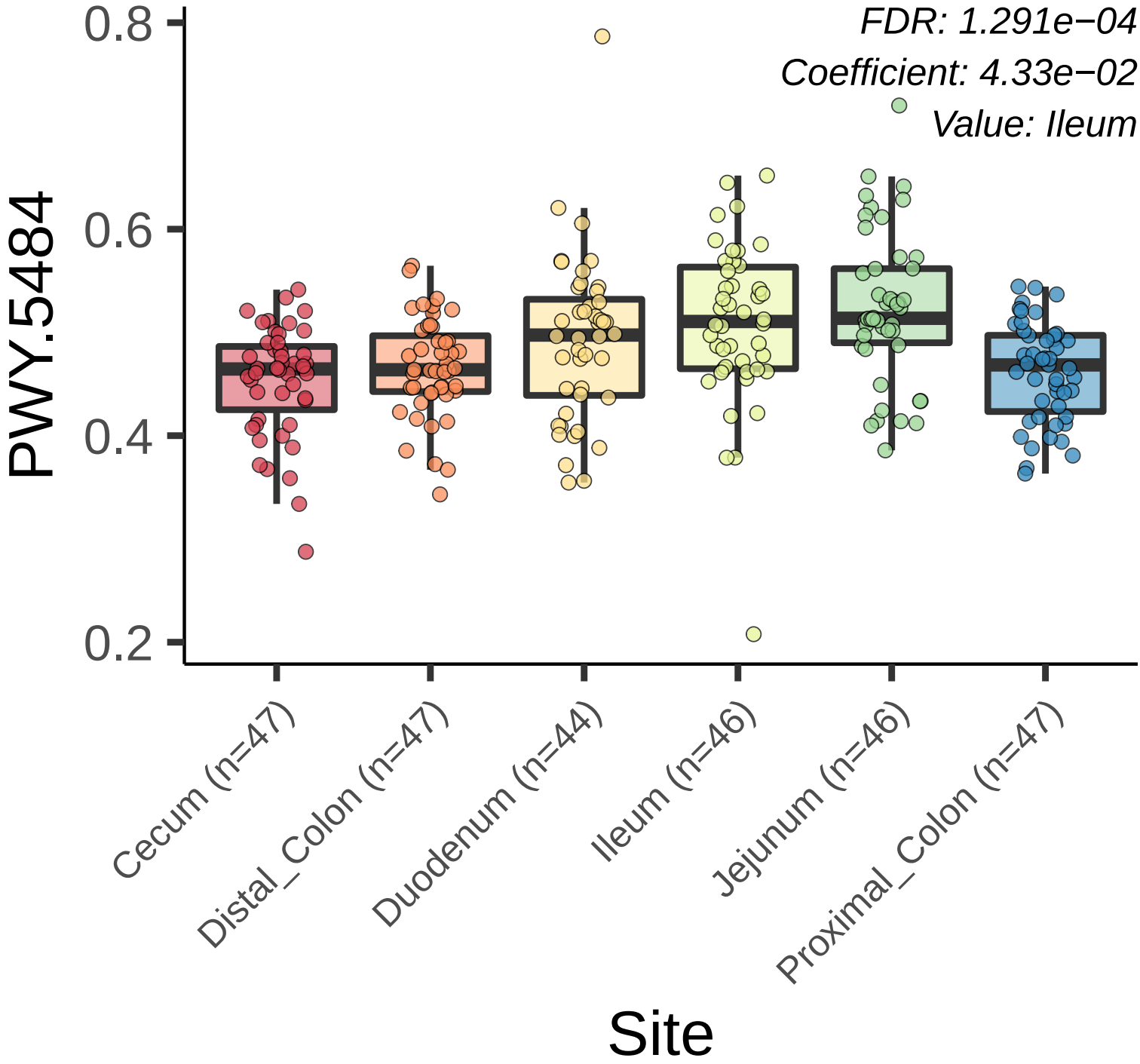
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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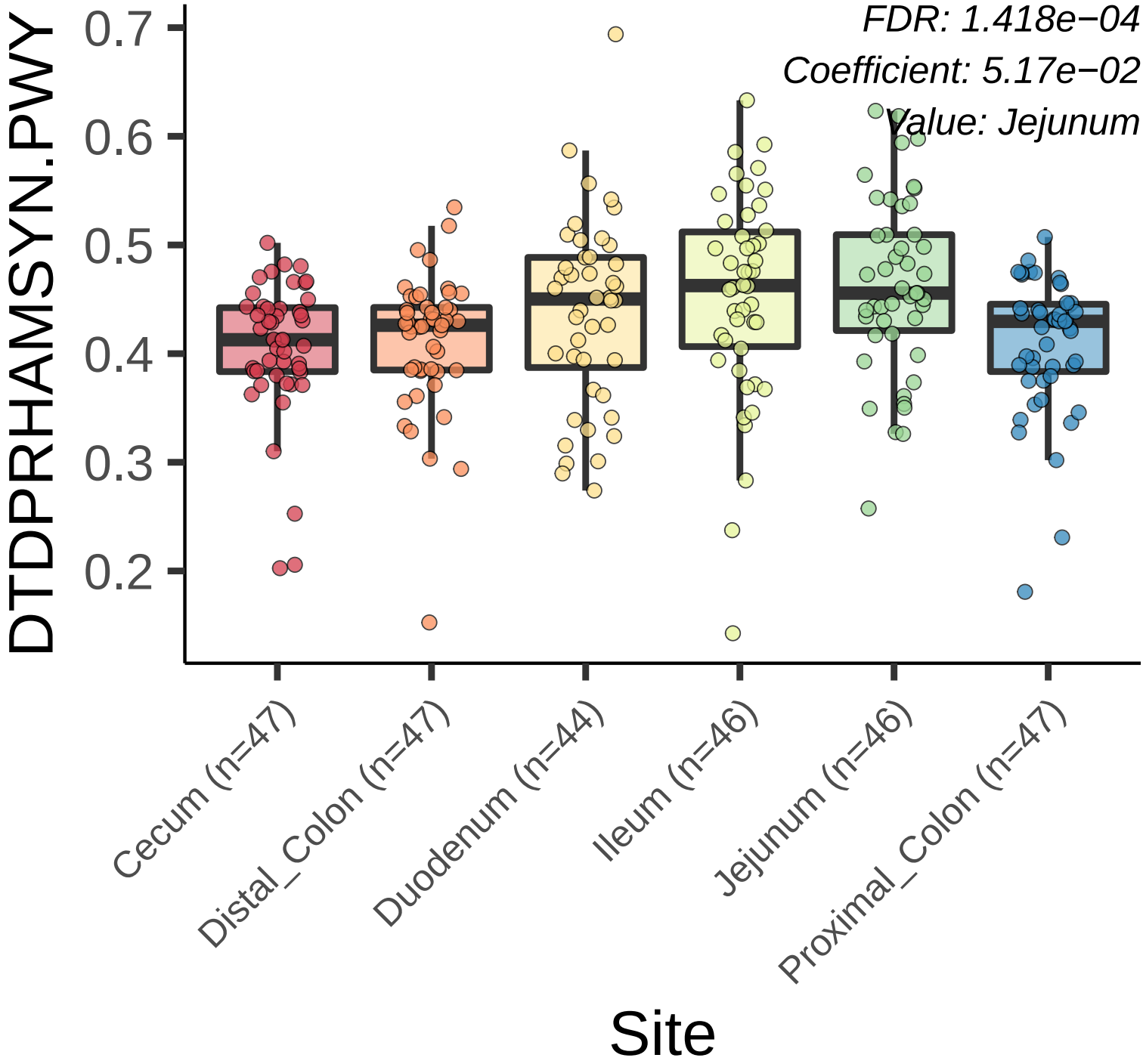
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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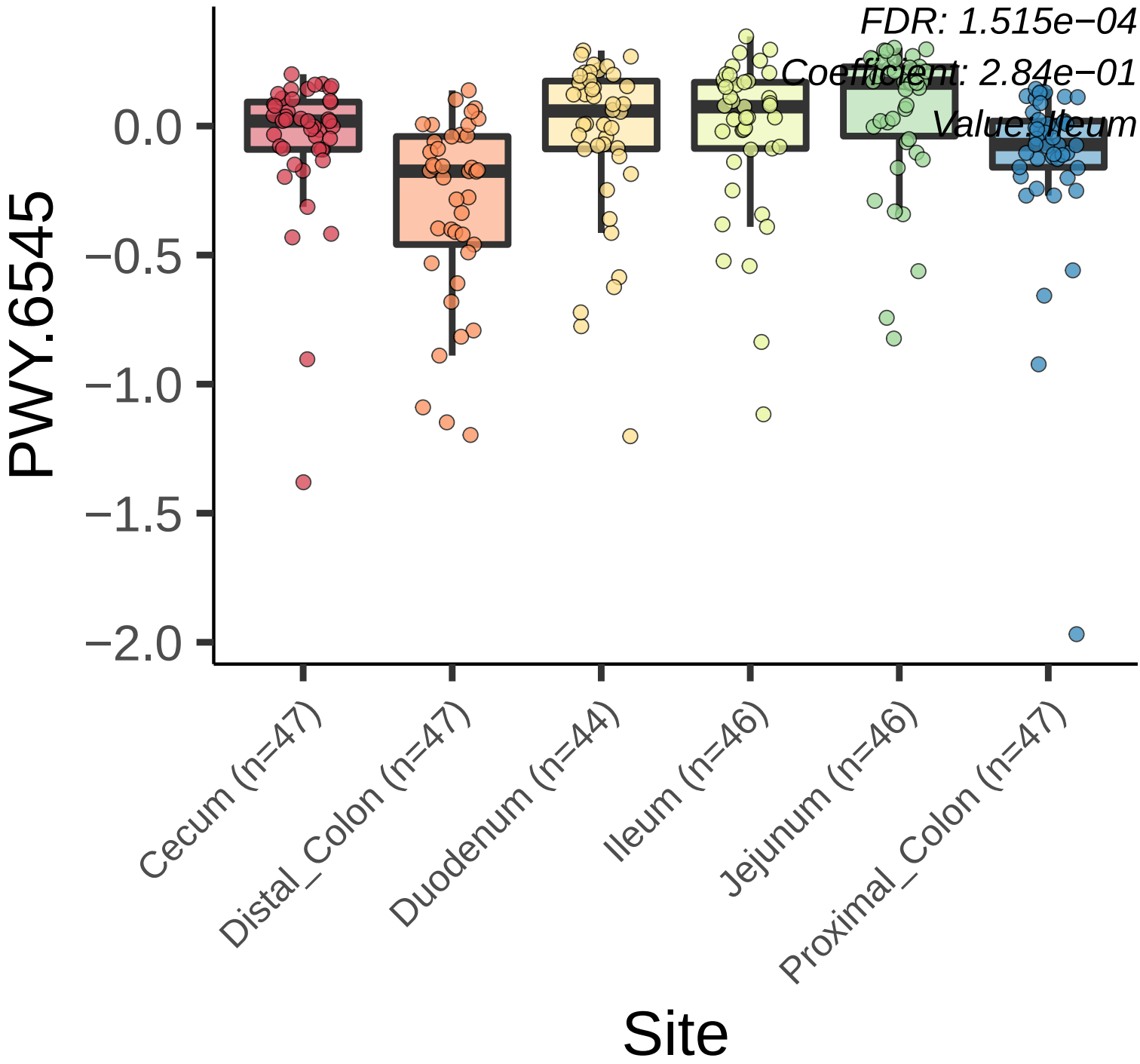
0.6
0.5
0.4
0.3
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1.0
−1.5
−2.0
Cecum (n=47)
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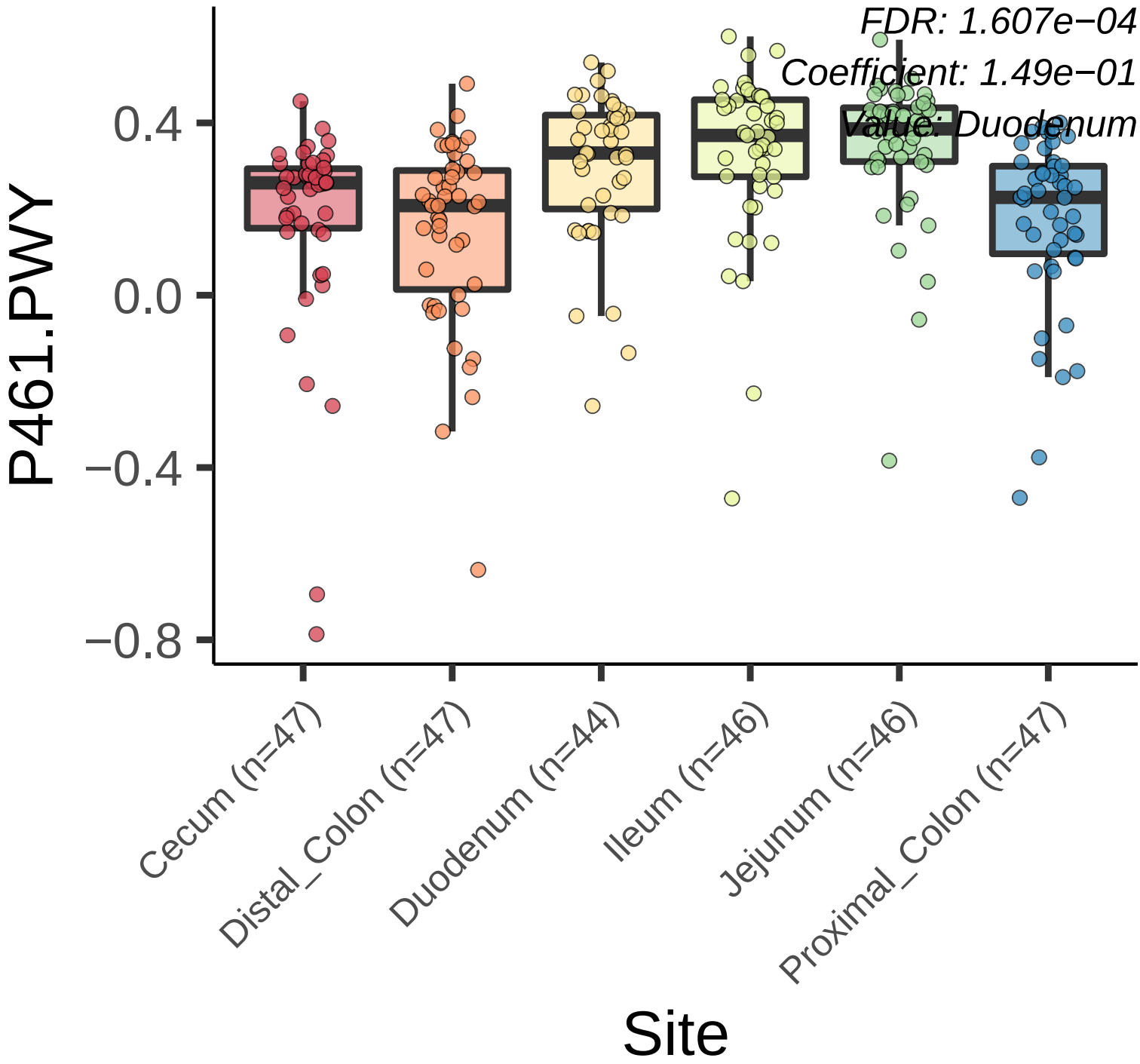
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.607e−04
Coefficient: 1.49e−01
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Cecum (n=47)
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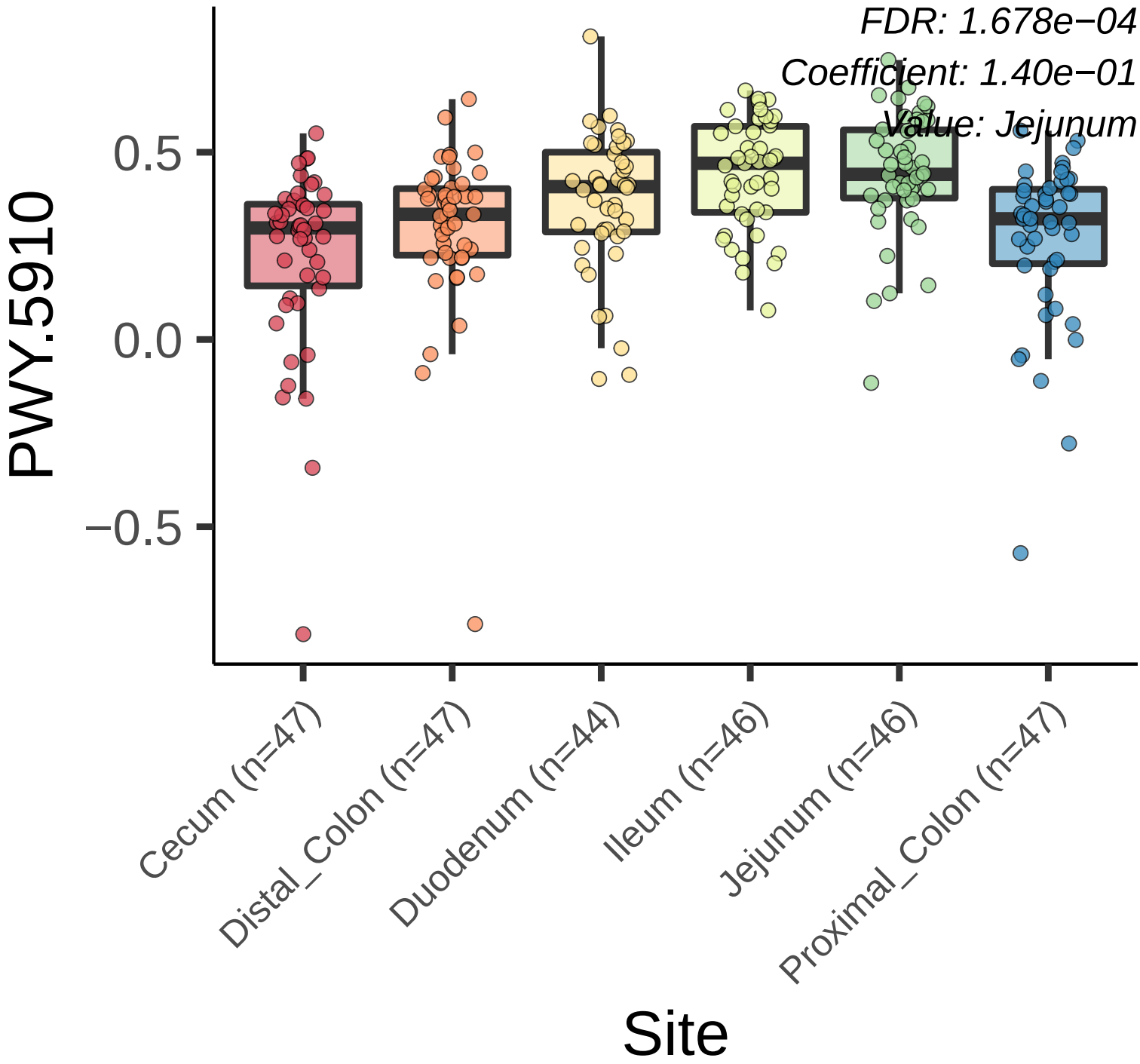
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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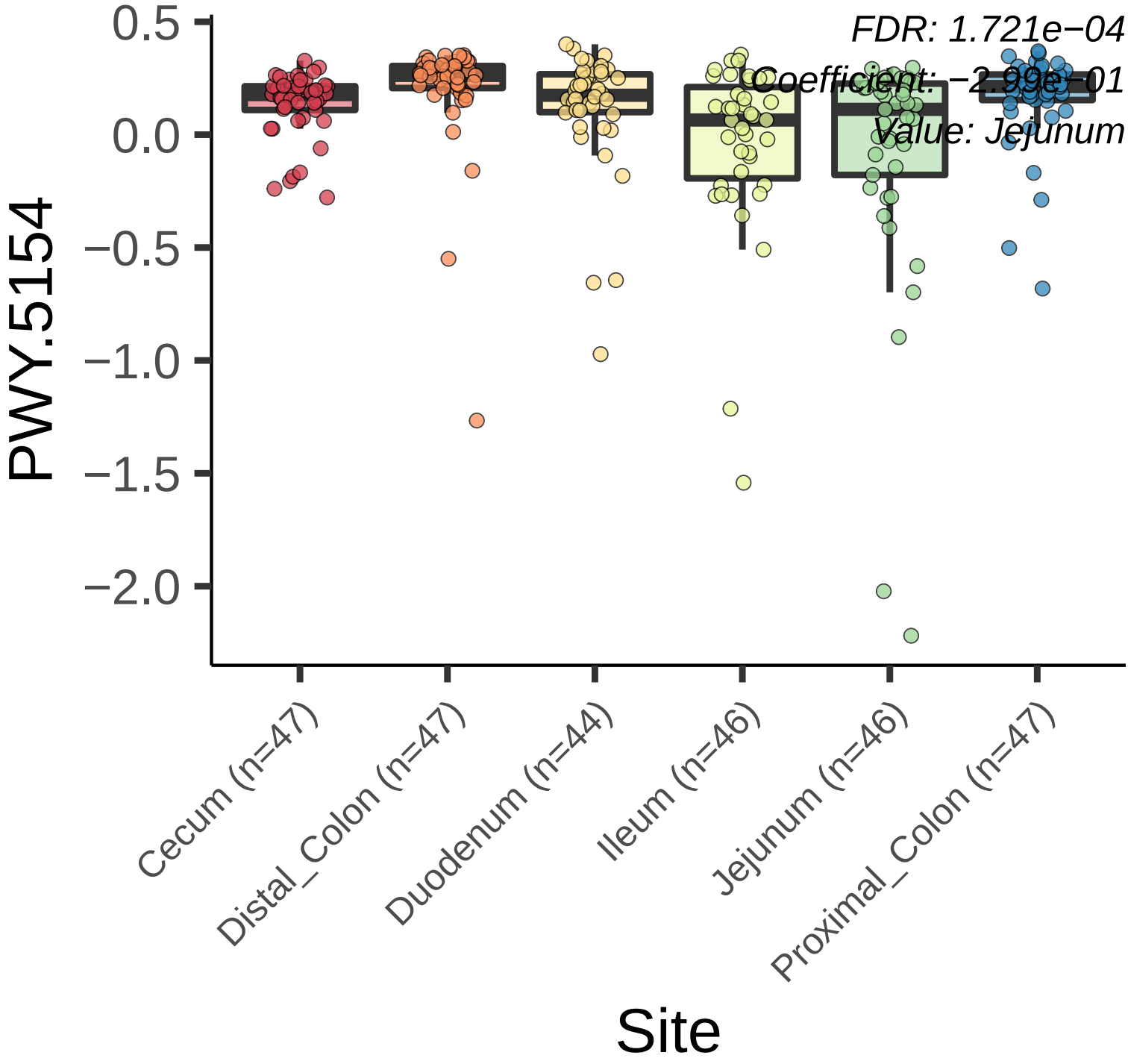
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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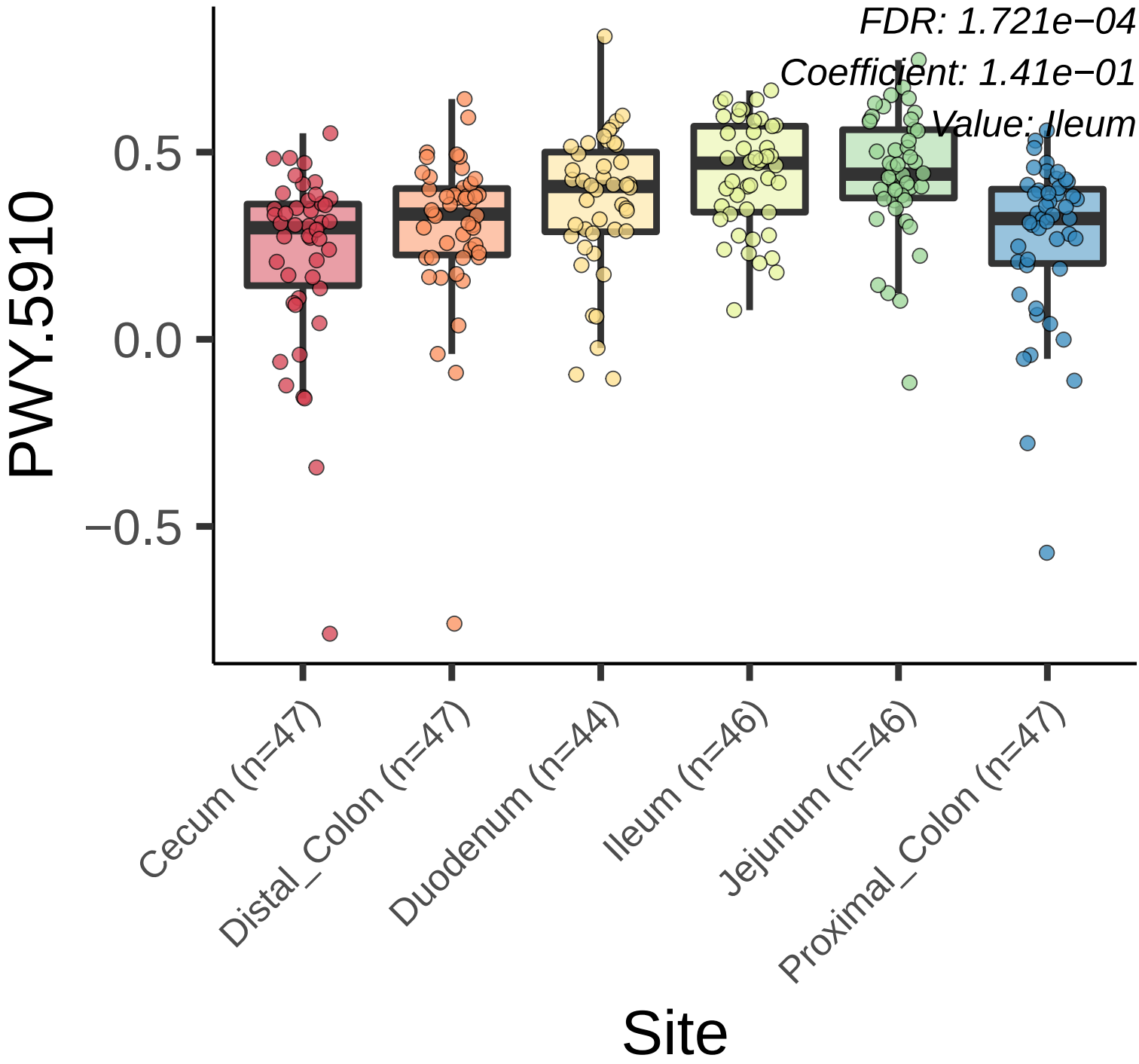
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.41e−01
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Cecum (n=47)
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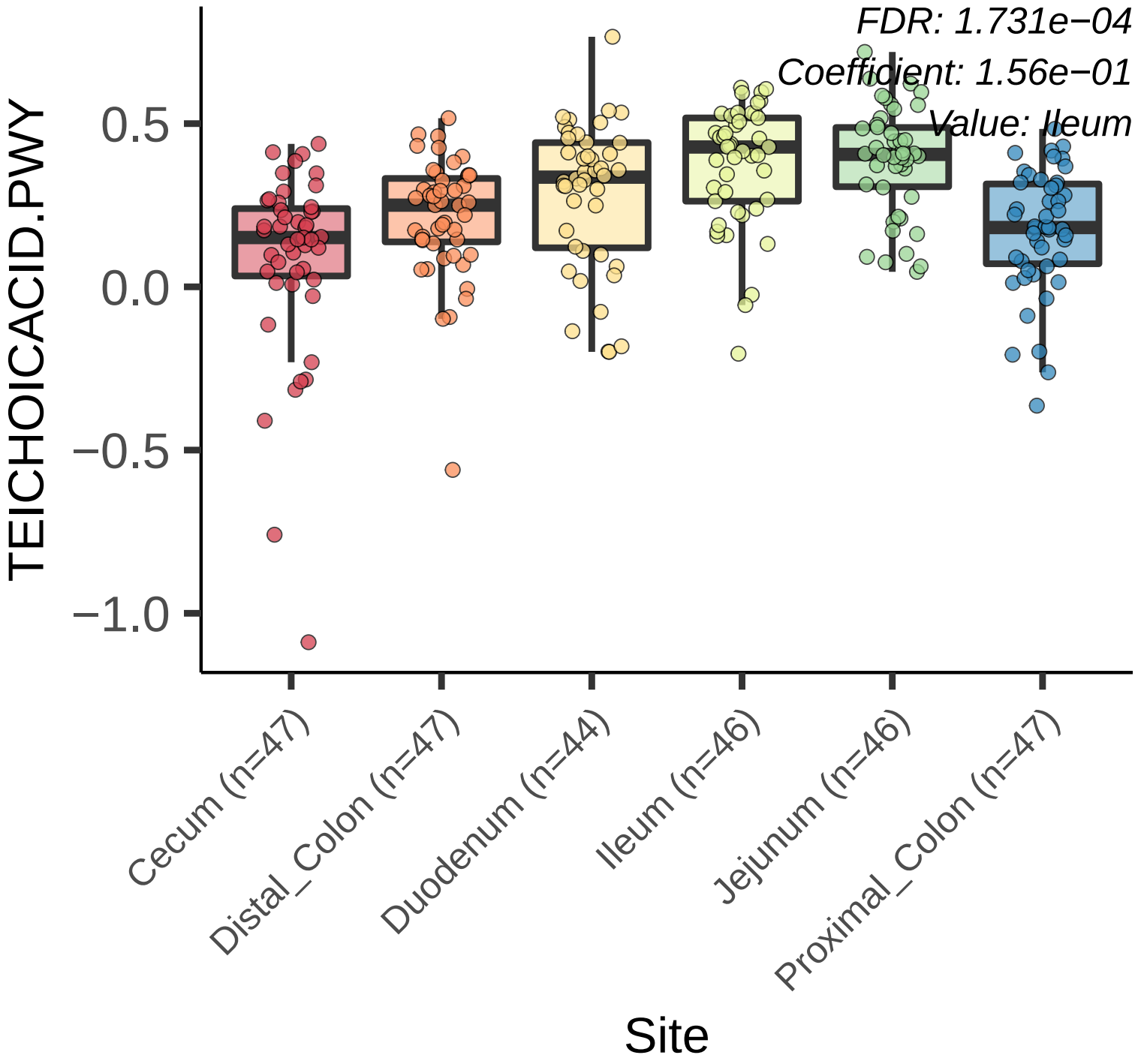
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.731e−04
Coefficient: 1.56e−01
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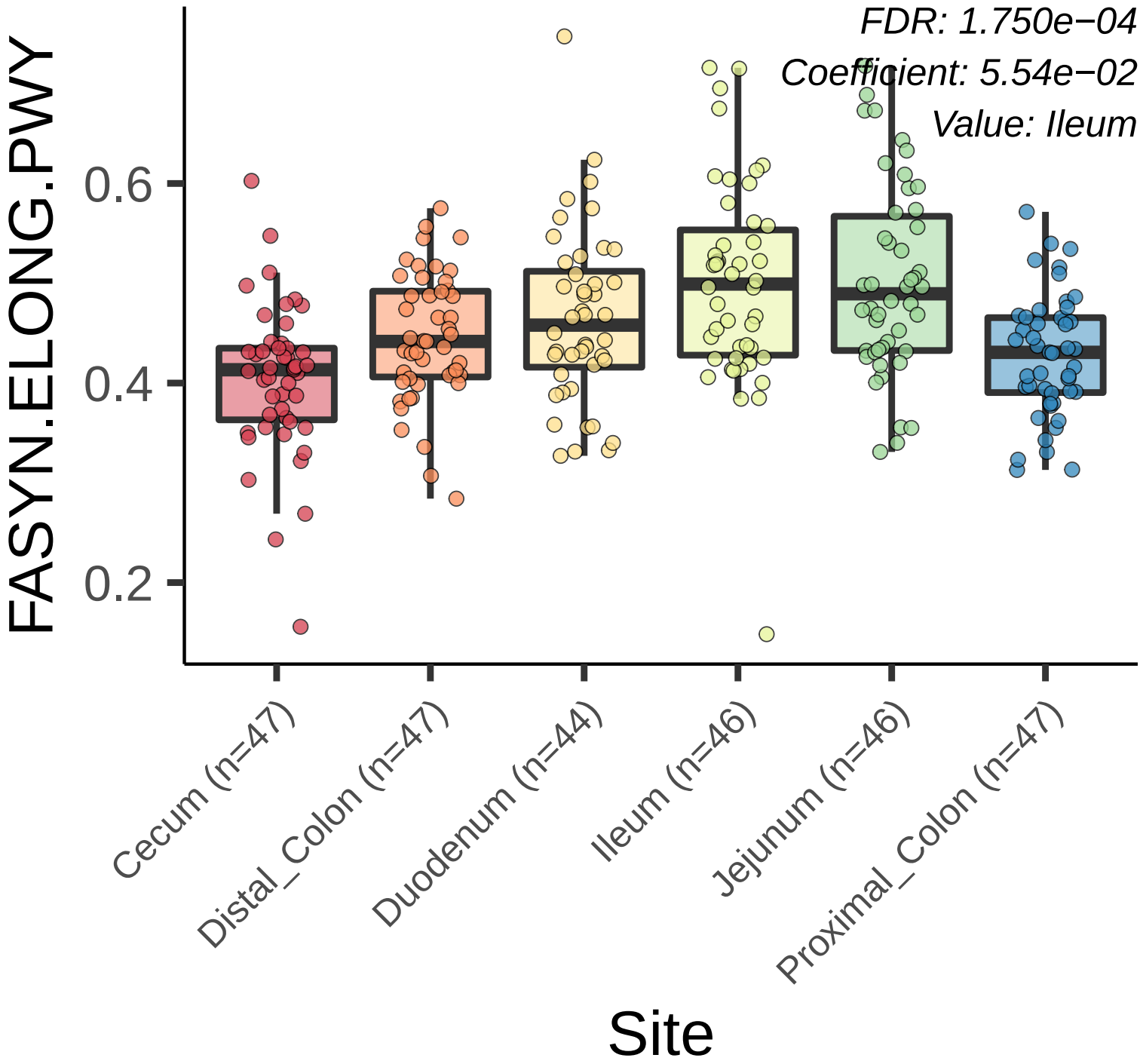
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.54e−02
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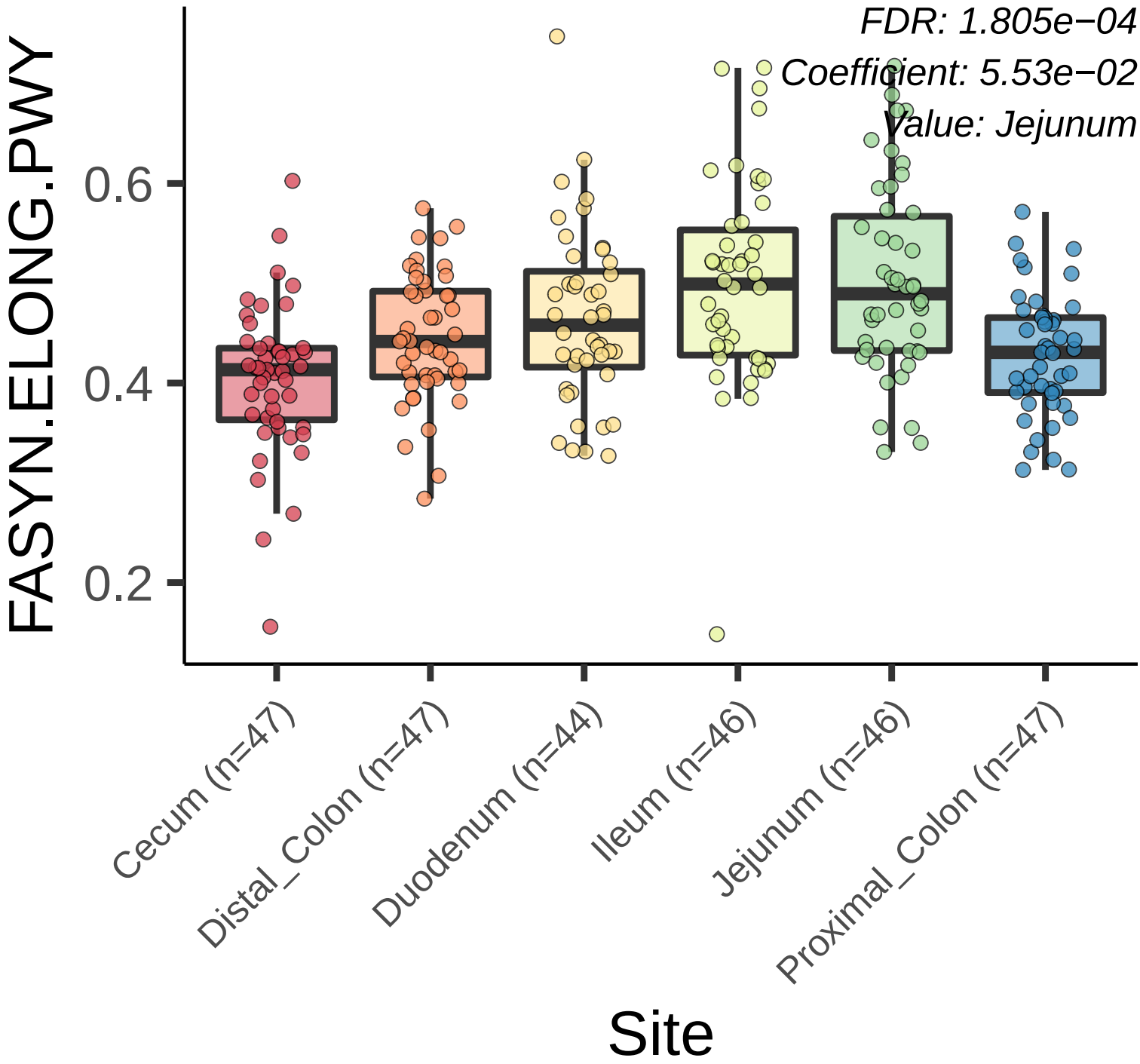
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.805e−04
Coefficient: 5.53e−02
Value: Jejunum
FASYN.ELONG.PWY
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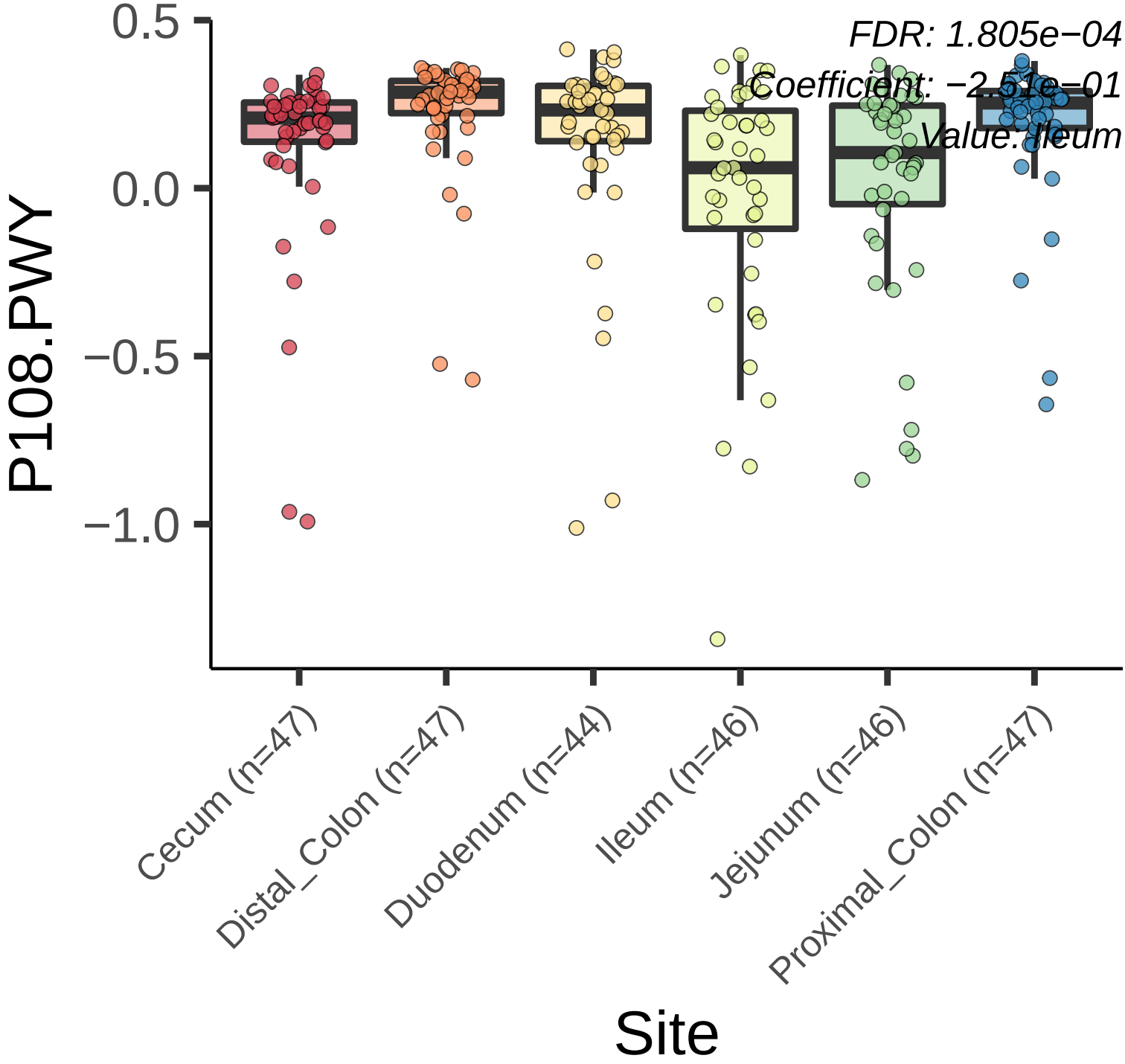
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −2.51e−01
Value: ileum
P108.PWY
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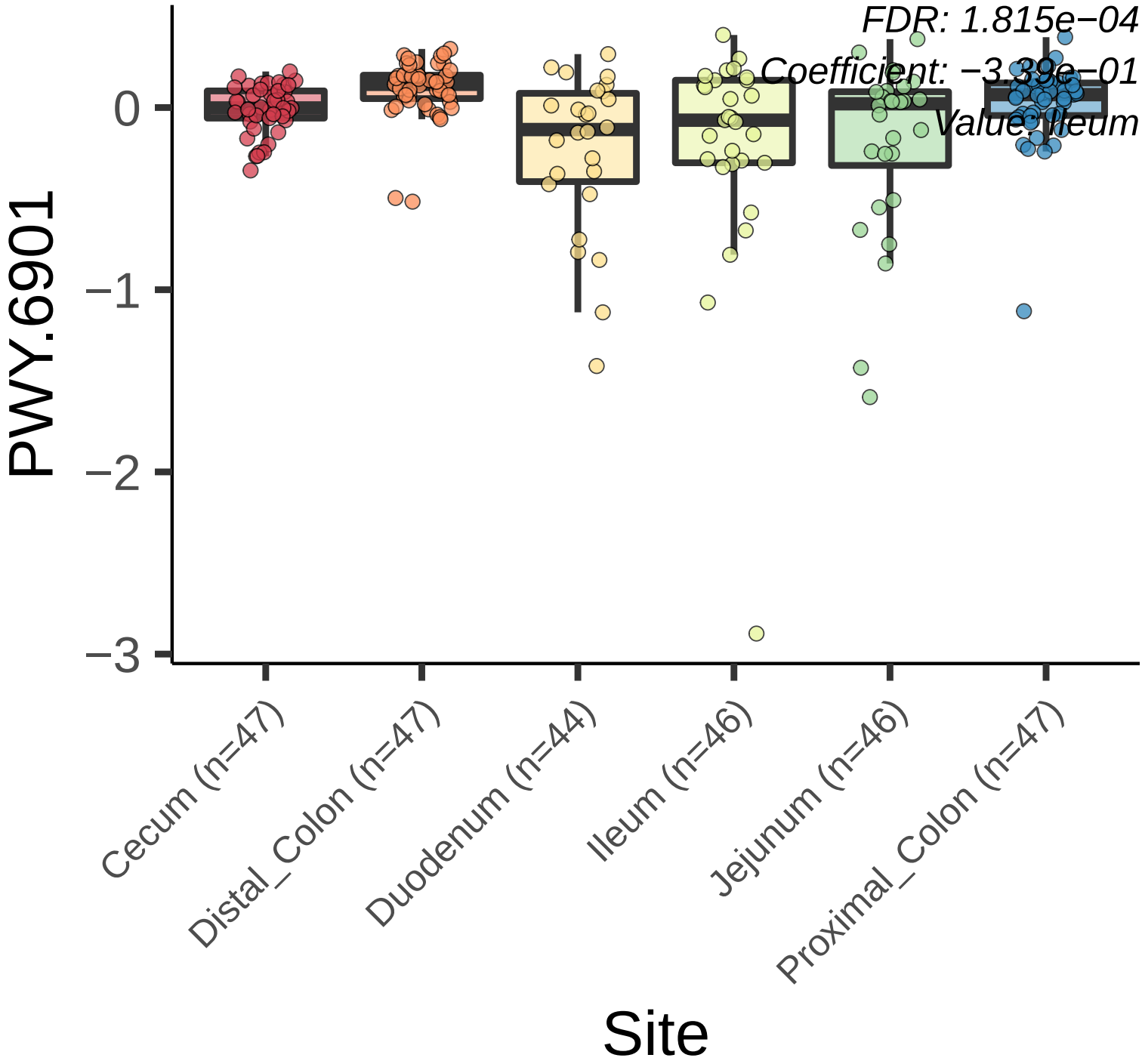
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.39e−01
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PWY.6901
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−2
−3
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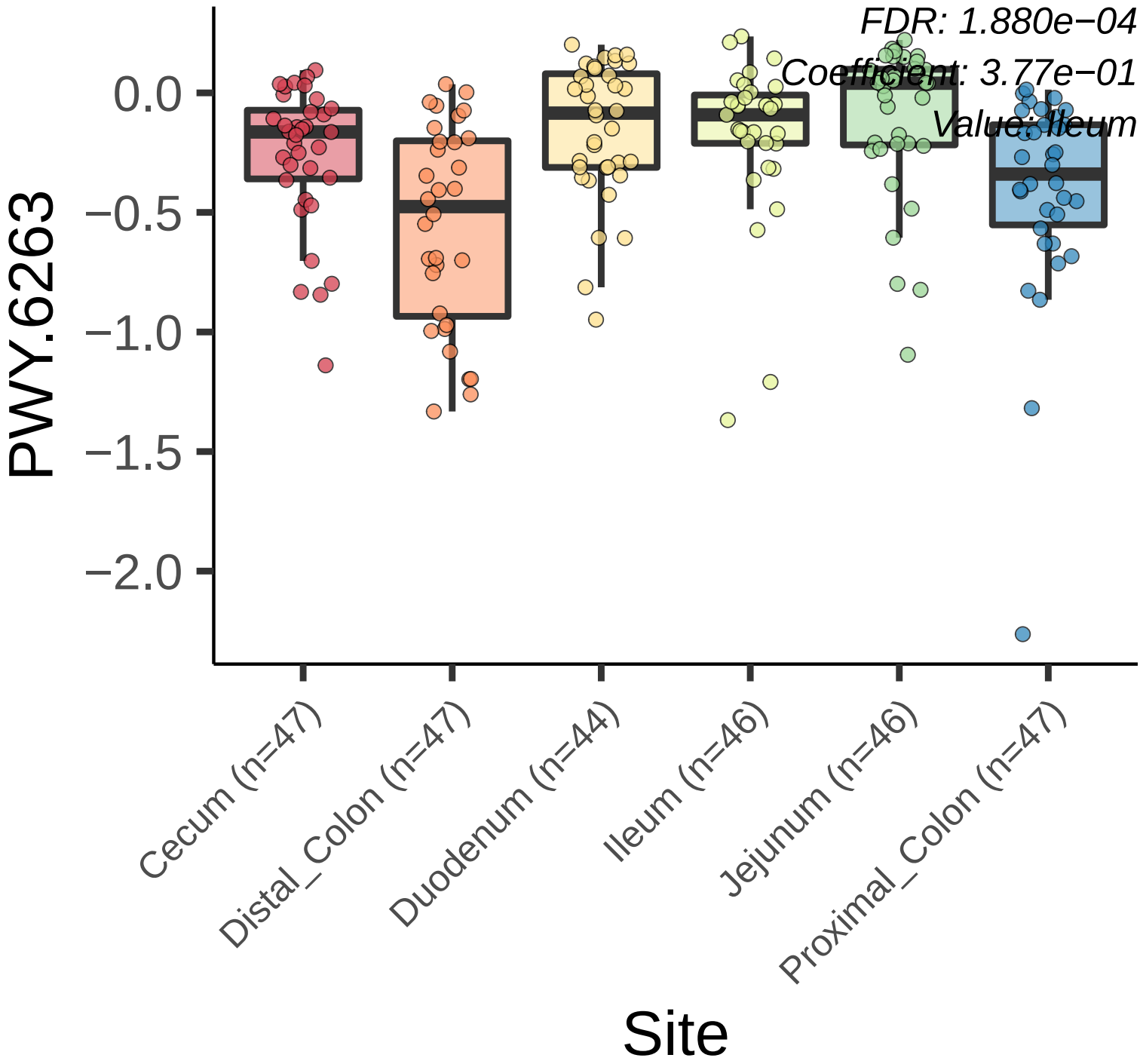
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1.5
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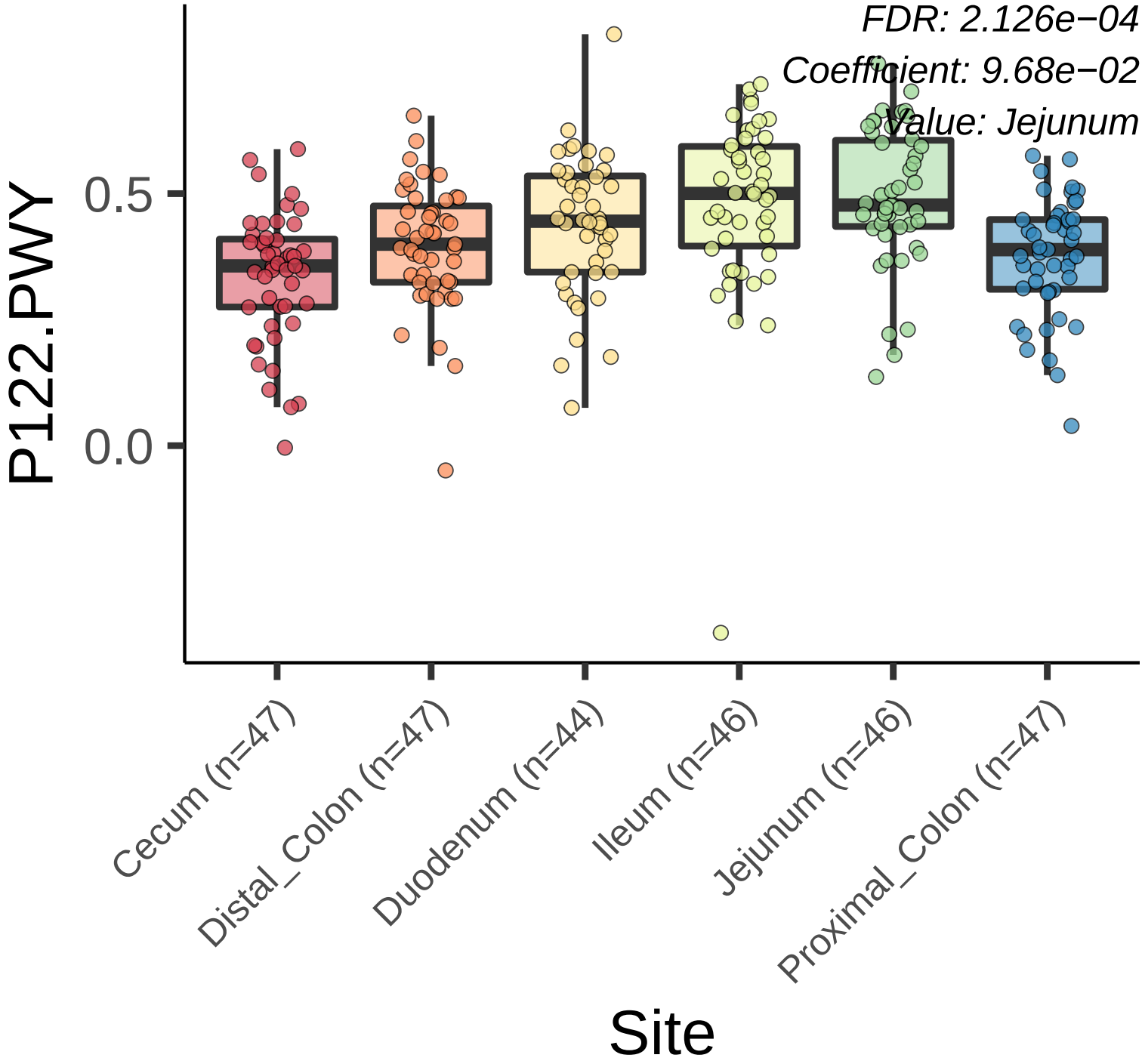
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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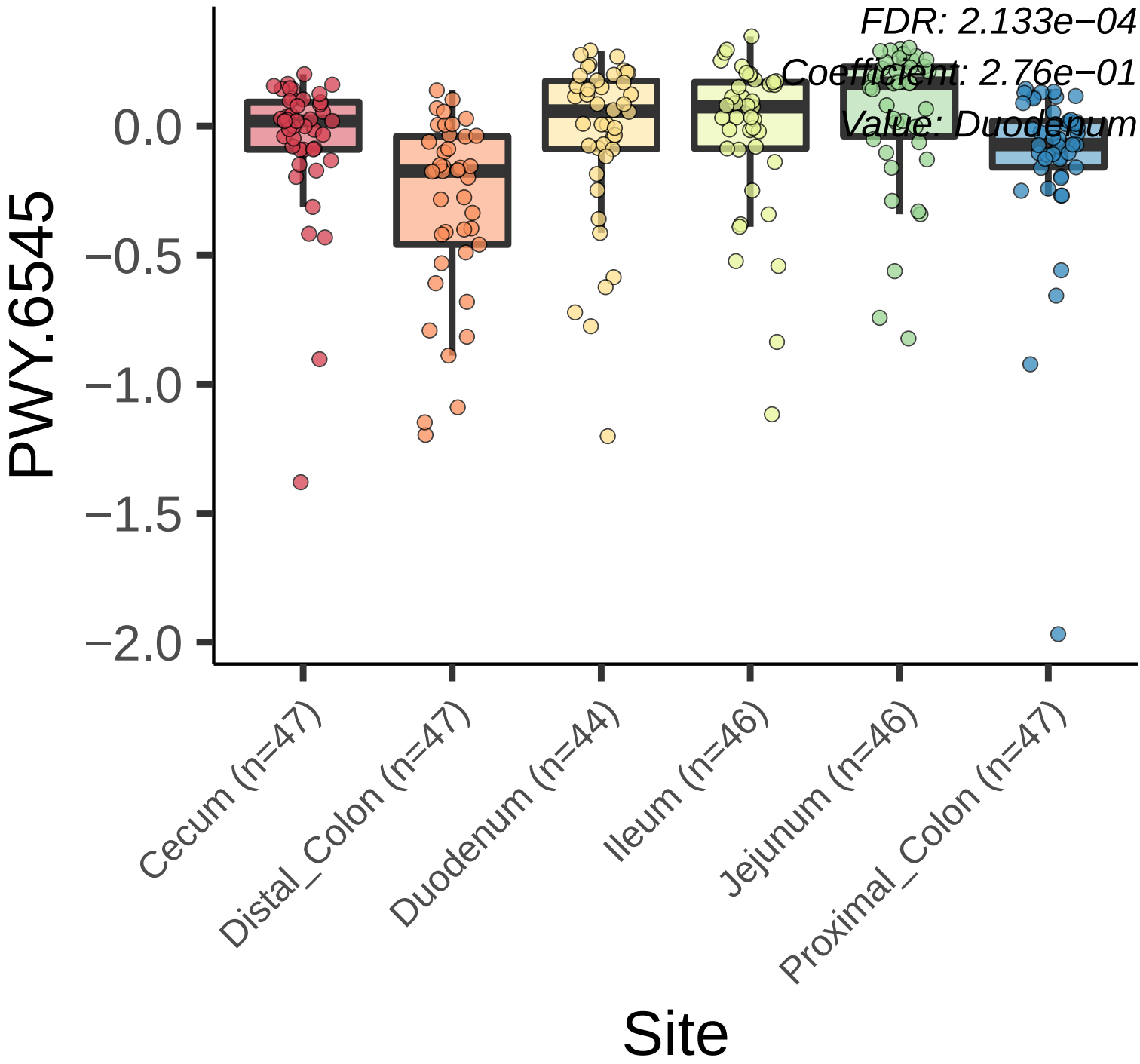
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.133e−04
Coefficient: 2.76e−01
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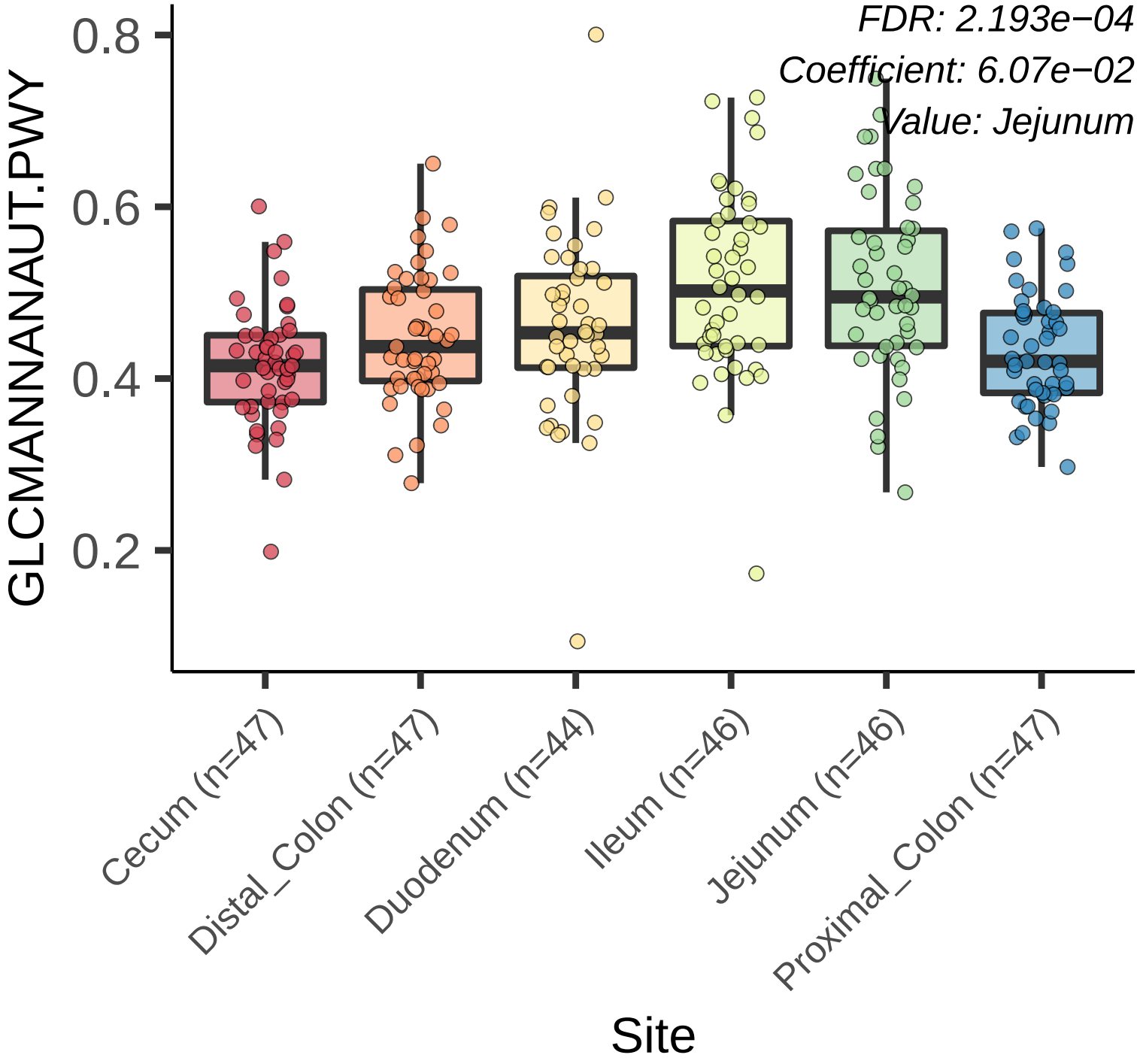
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.193e−04
Coefficient: 6.07e−02
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GLCMANNANAUT.PWY
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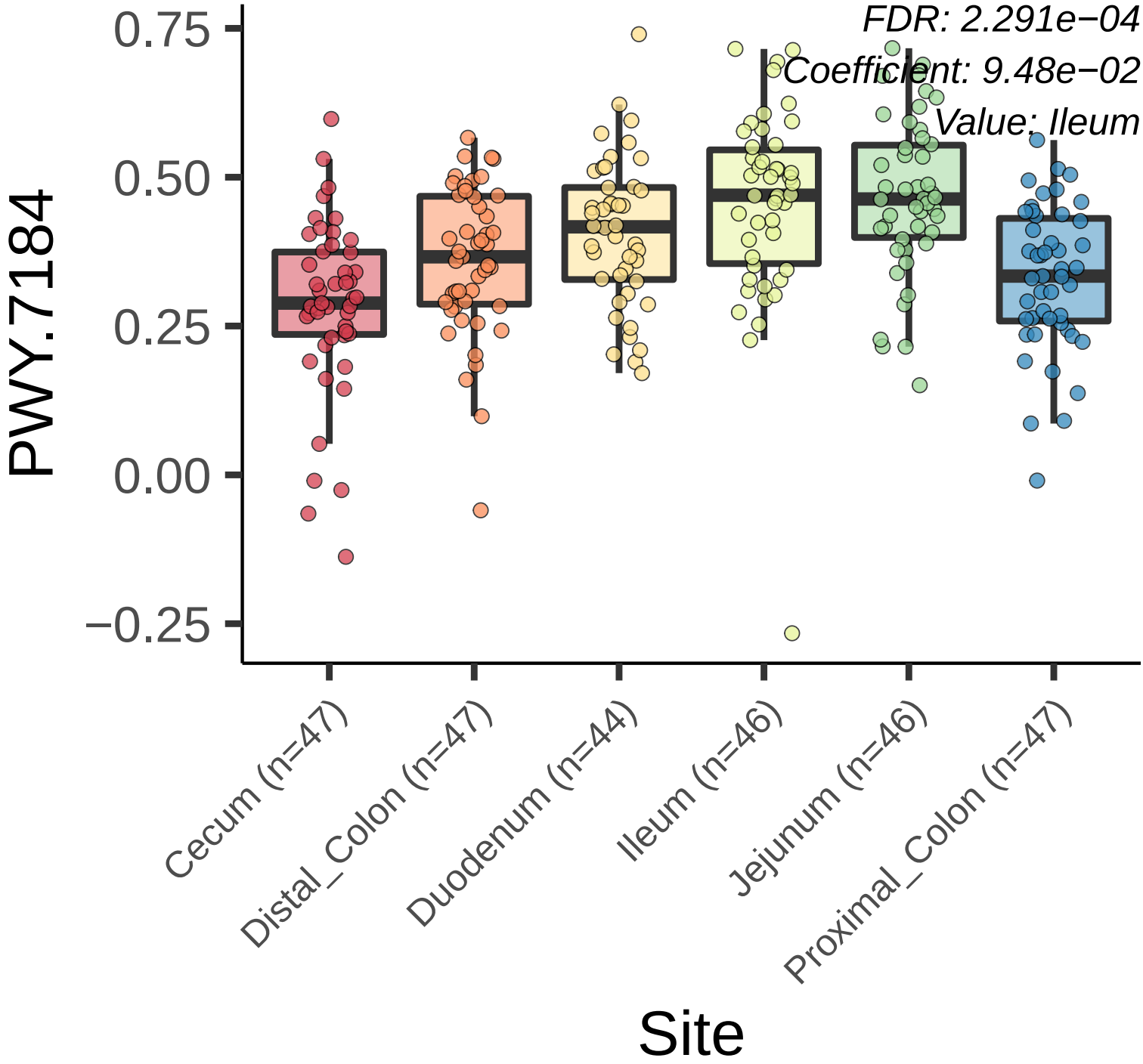
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.25
0.00
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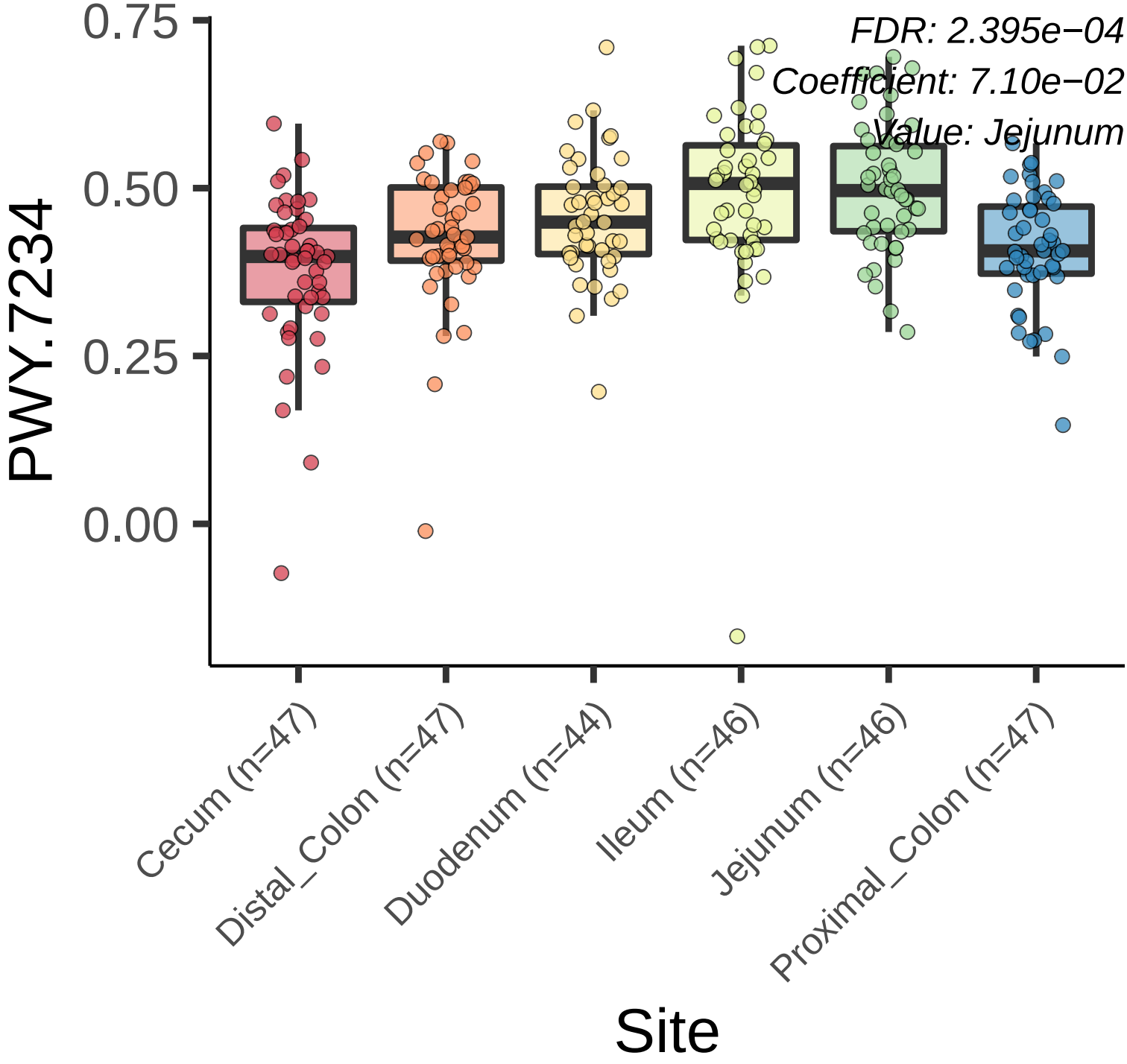
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.395e−04
Coefficient: 7.10e−02
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PWY.7234
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0.50
0.25
0.00
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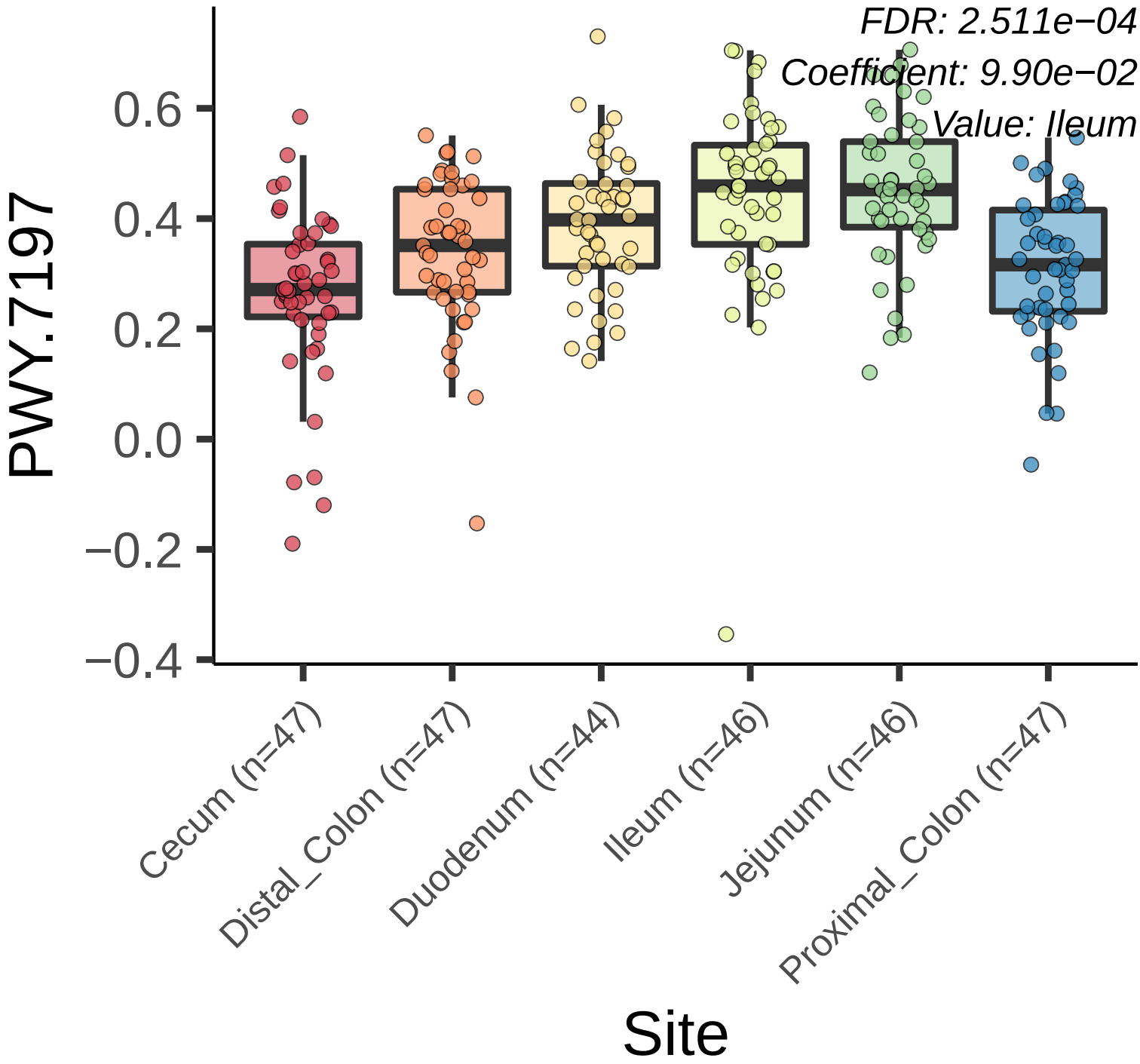
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.511e−04
Coefficient: 9.90e−02
Value: Ileum
PWY.7197
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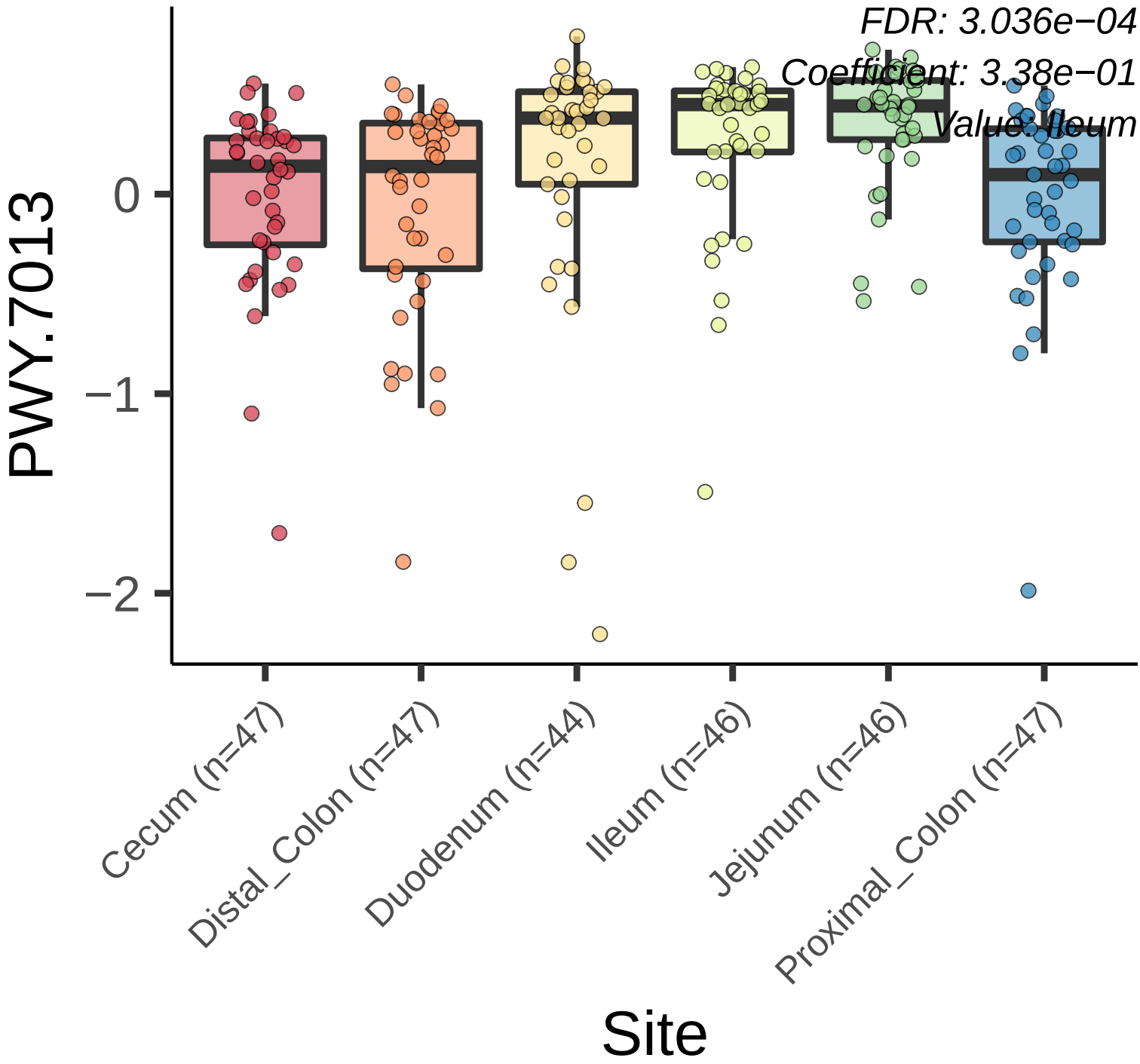
0.4
0.2
0.0
−0.2
−0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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PWY.7013
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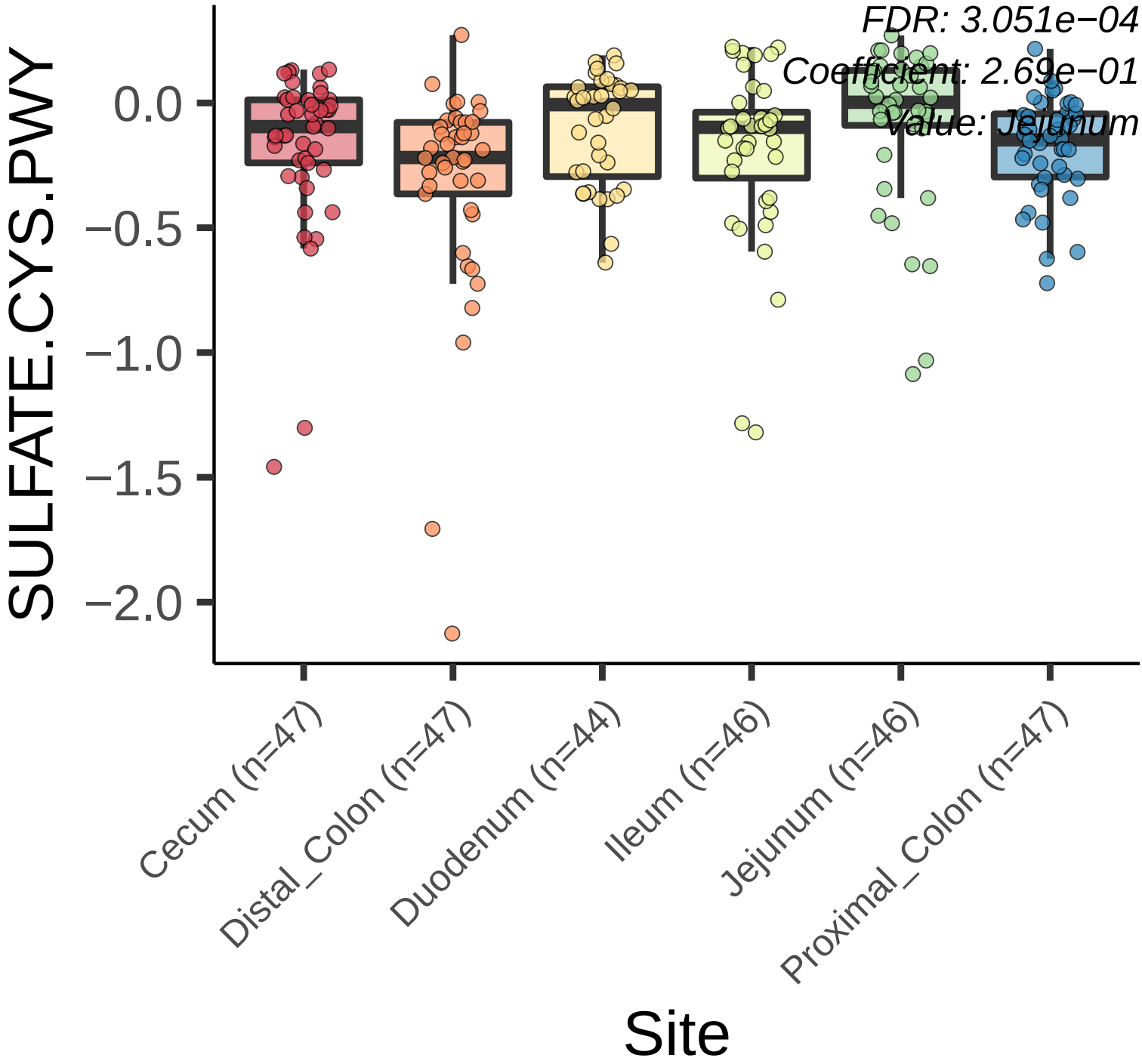
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.69e−01
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SULFATE.CYS.PWY
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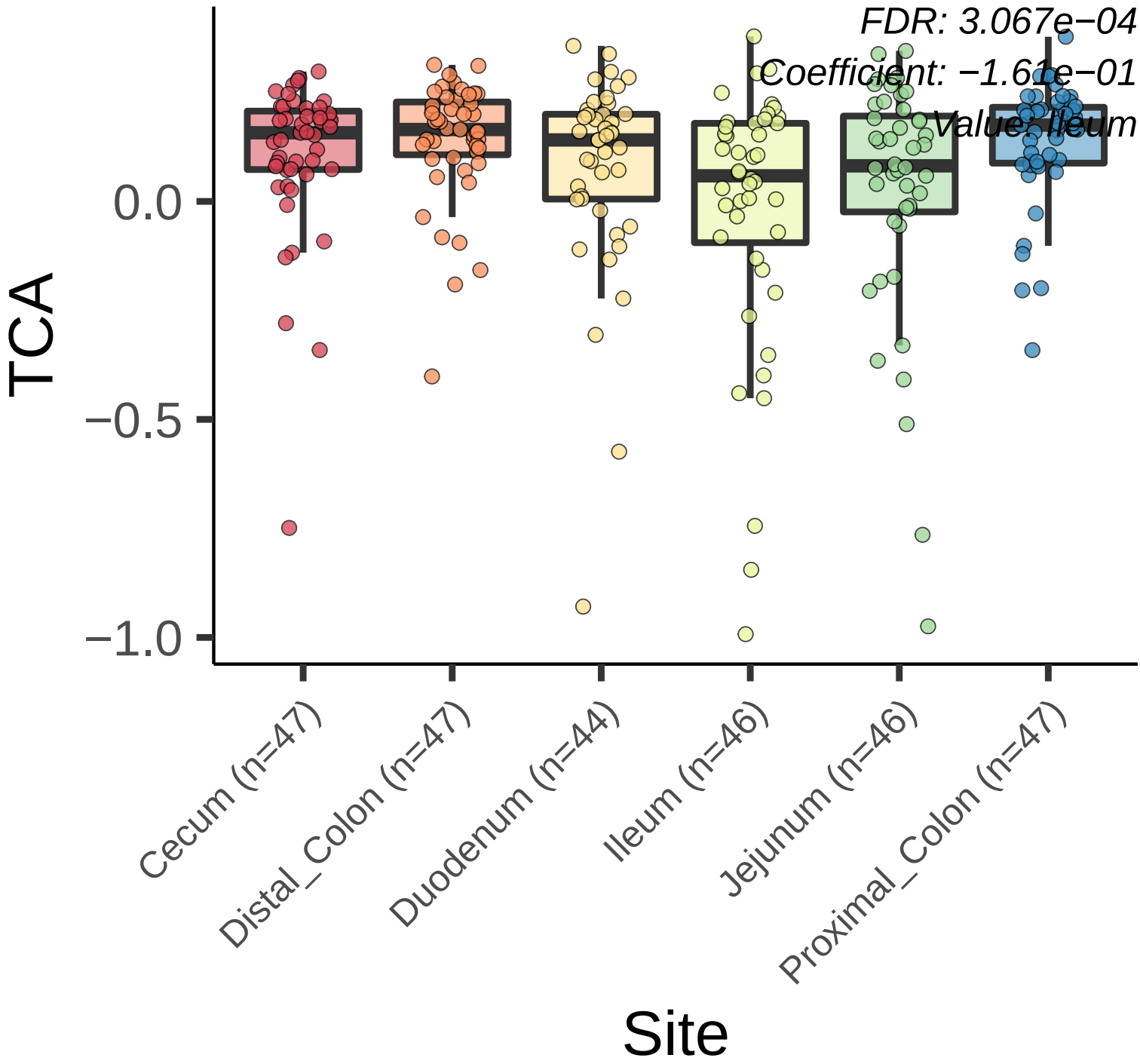
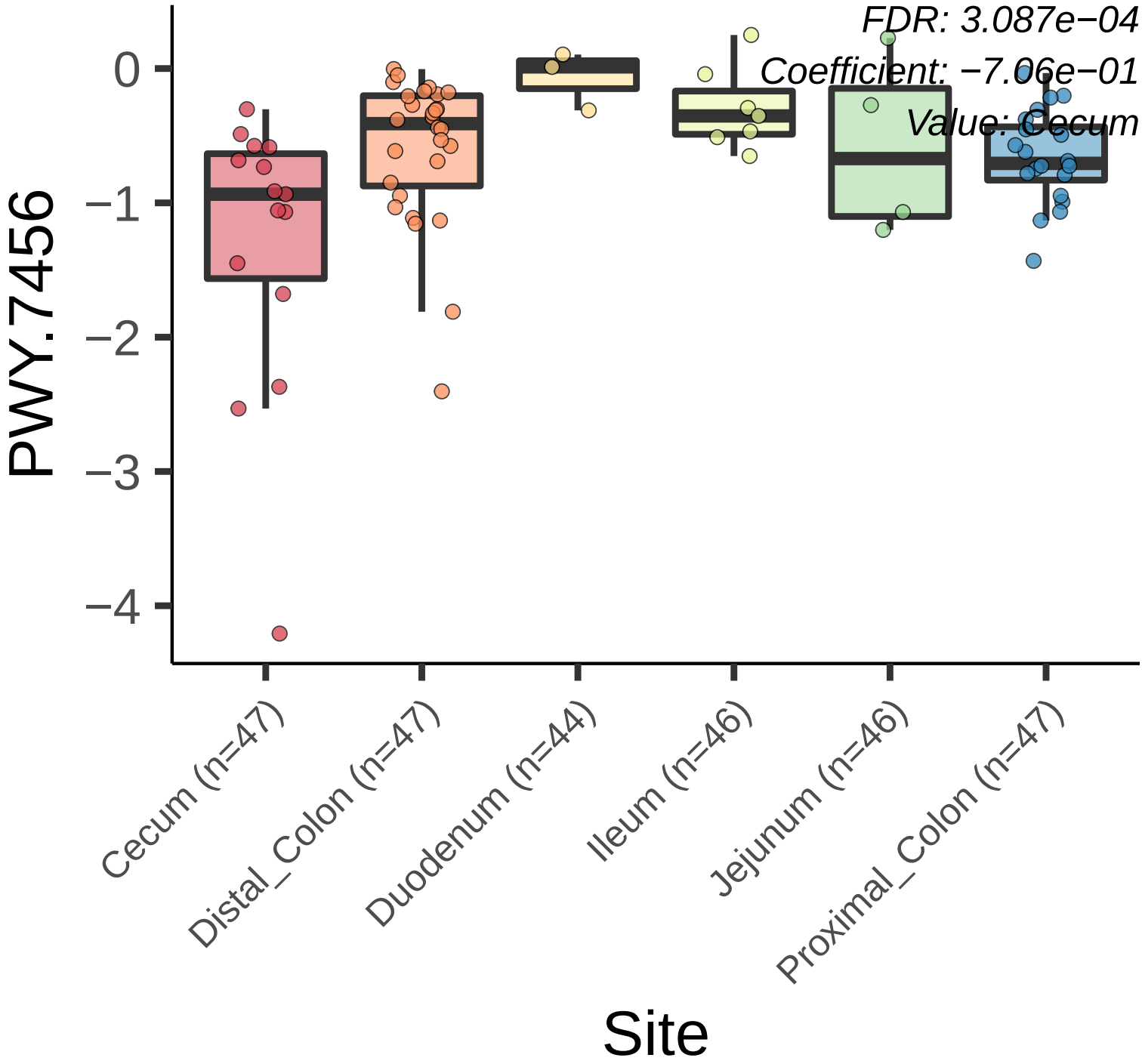
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.067e−04
Coefficient: −1.61e−01
Value: Ileum
TCA
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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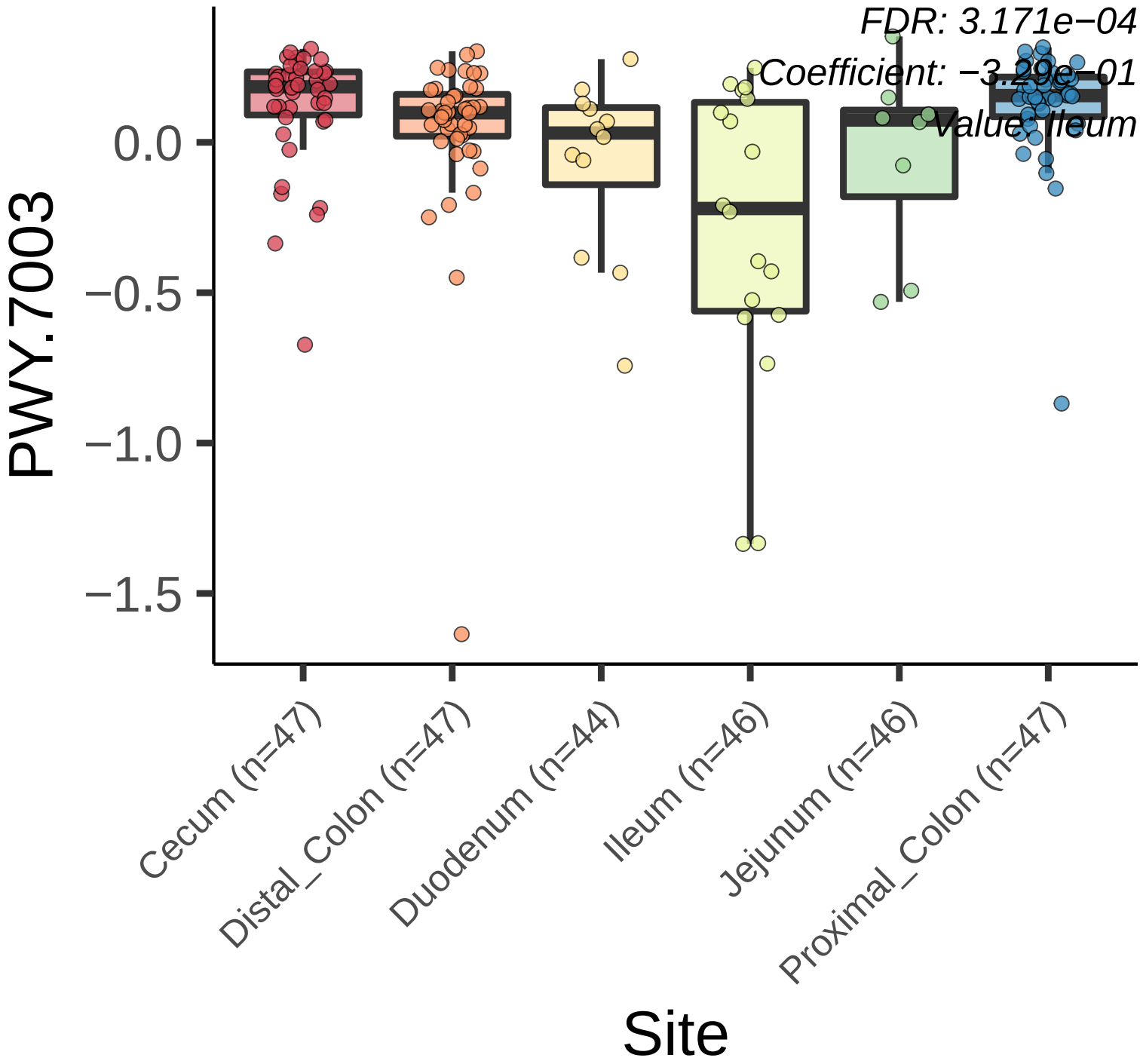
−1
−2
−3
−4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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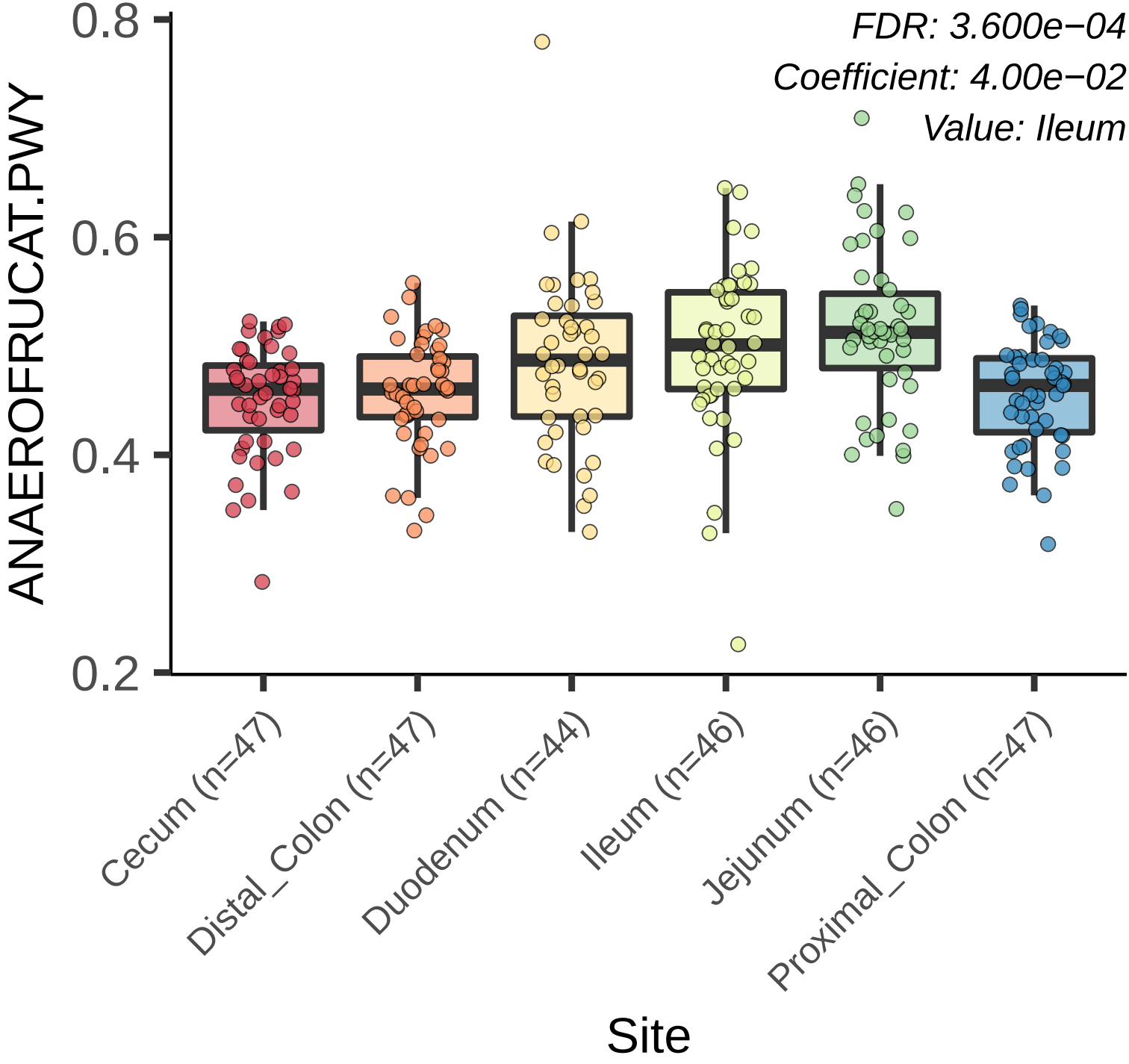
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.600e−04
Coefficient: 4.00e−02
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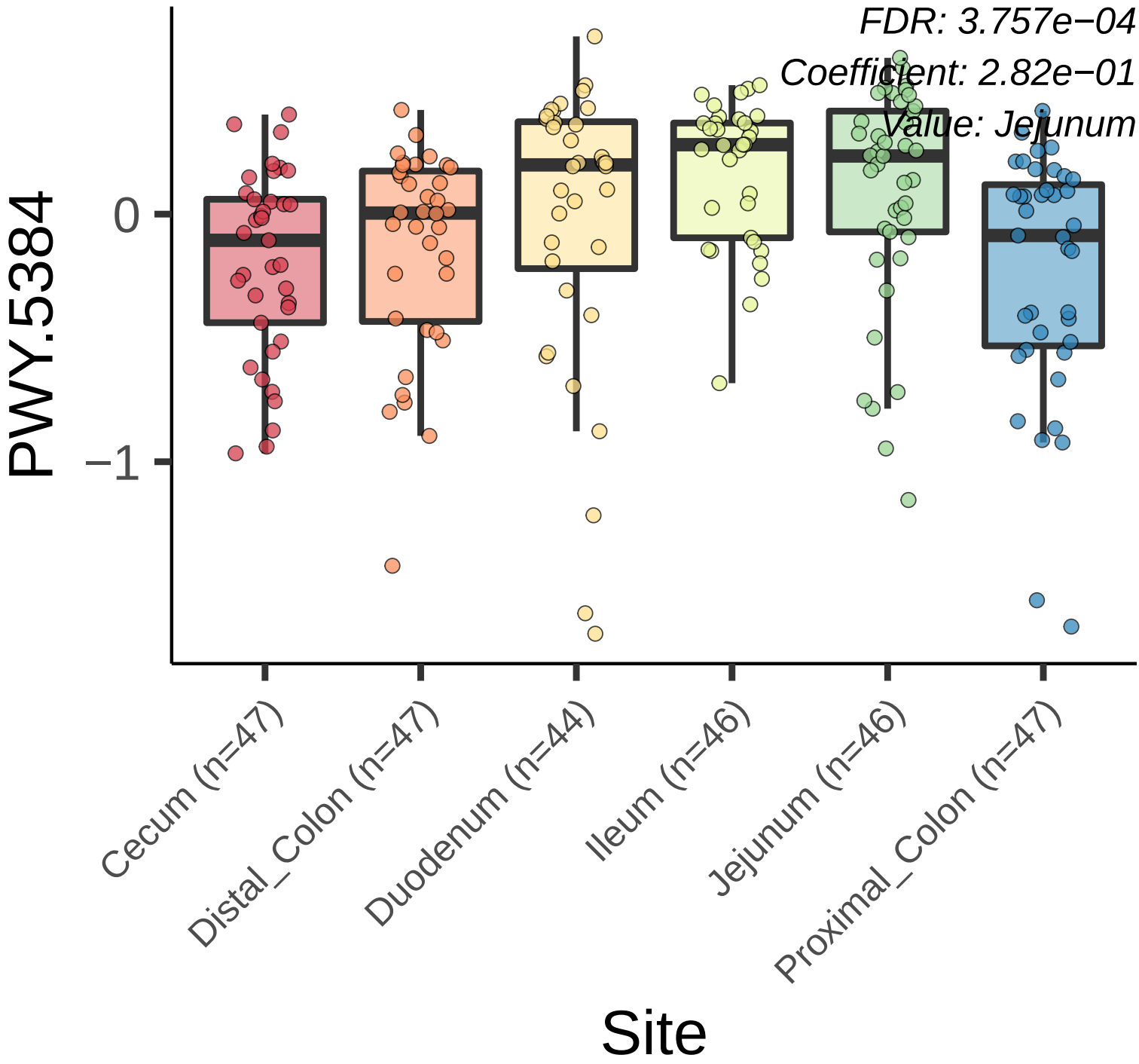
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.82e−01
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Cecum (n=47)
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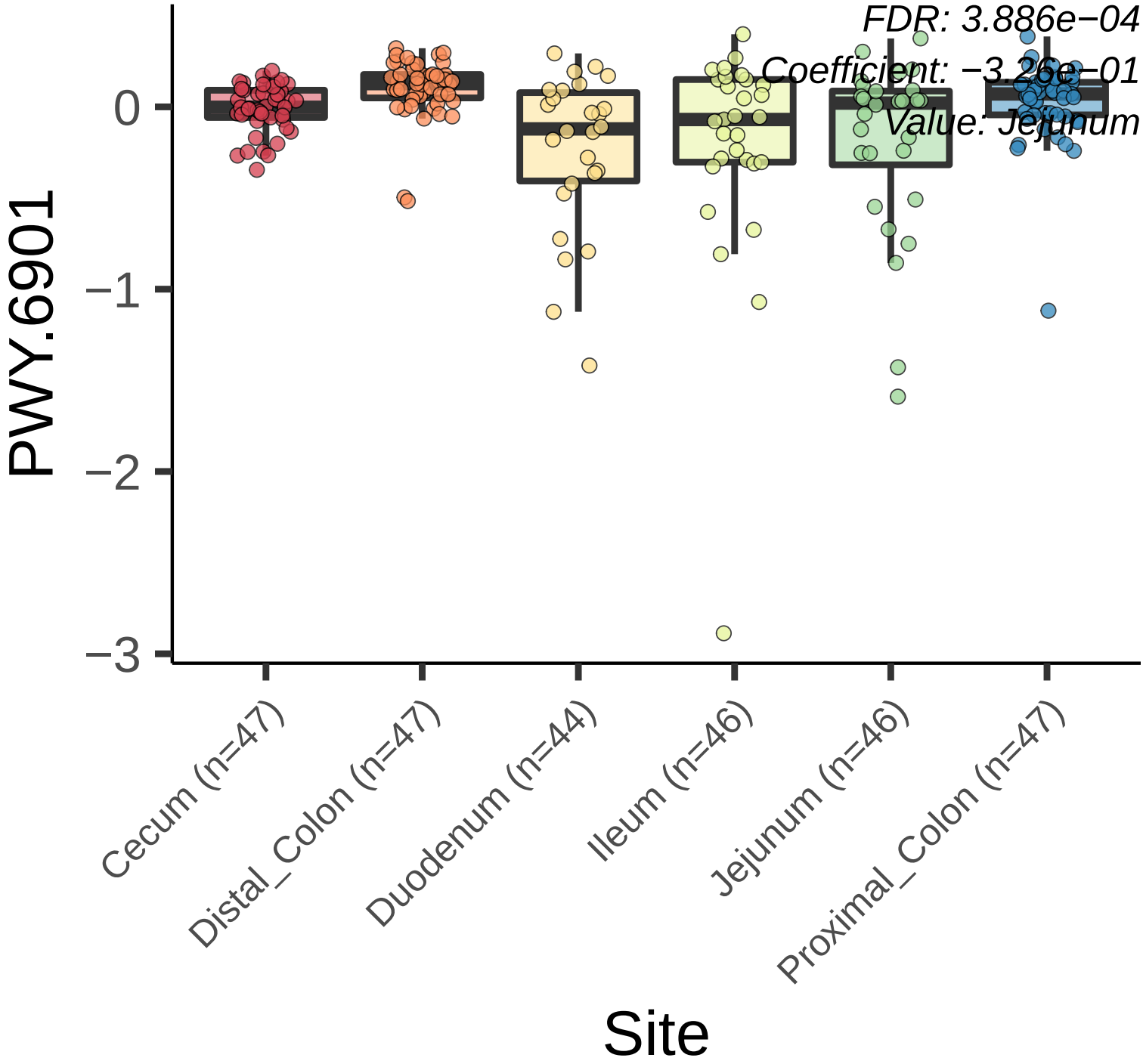
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−2
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Cecum (n=47)
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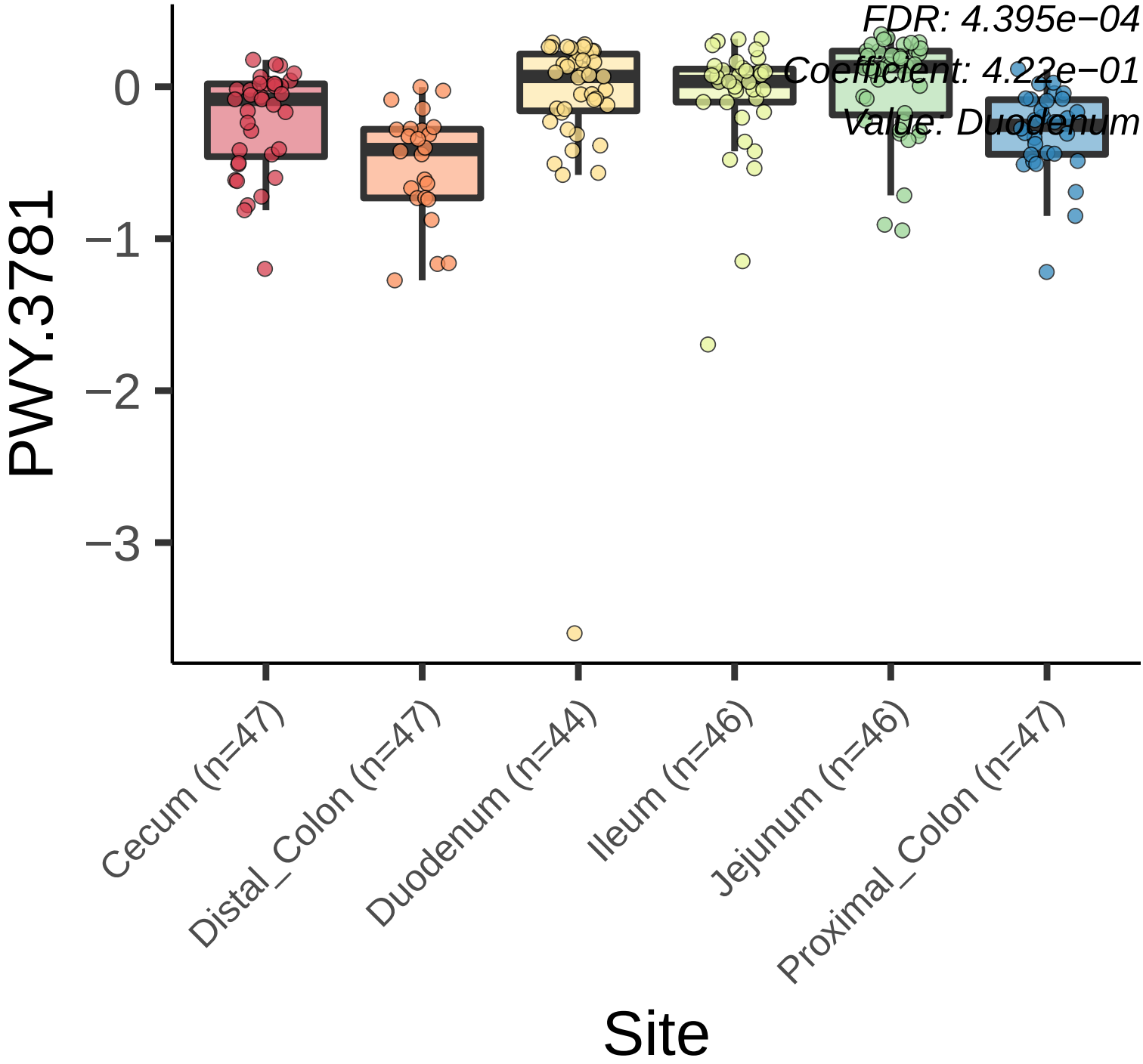
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 4.22e−01
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PWY.3781
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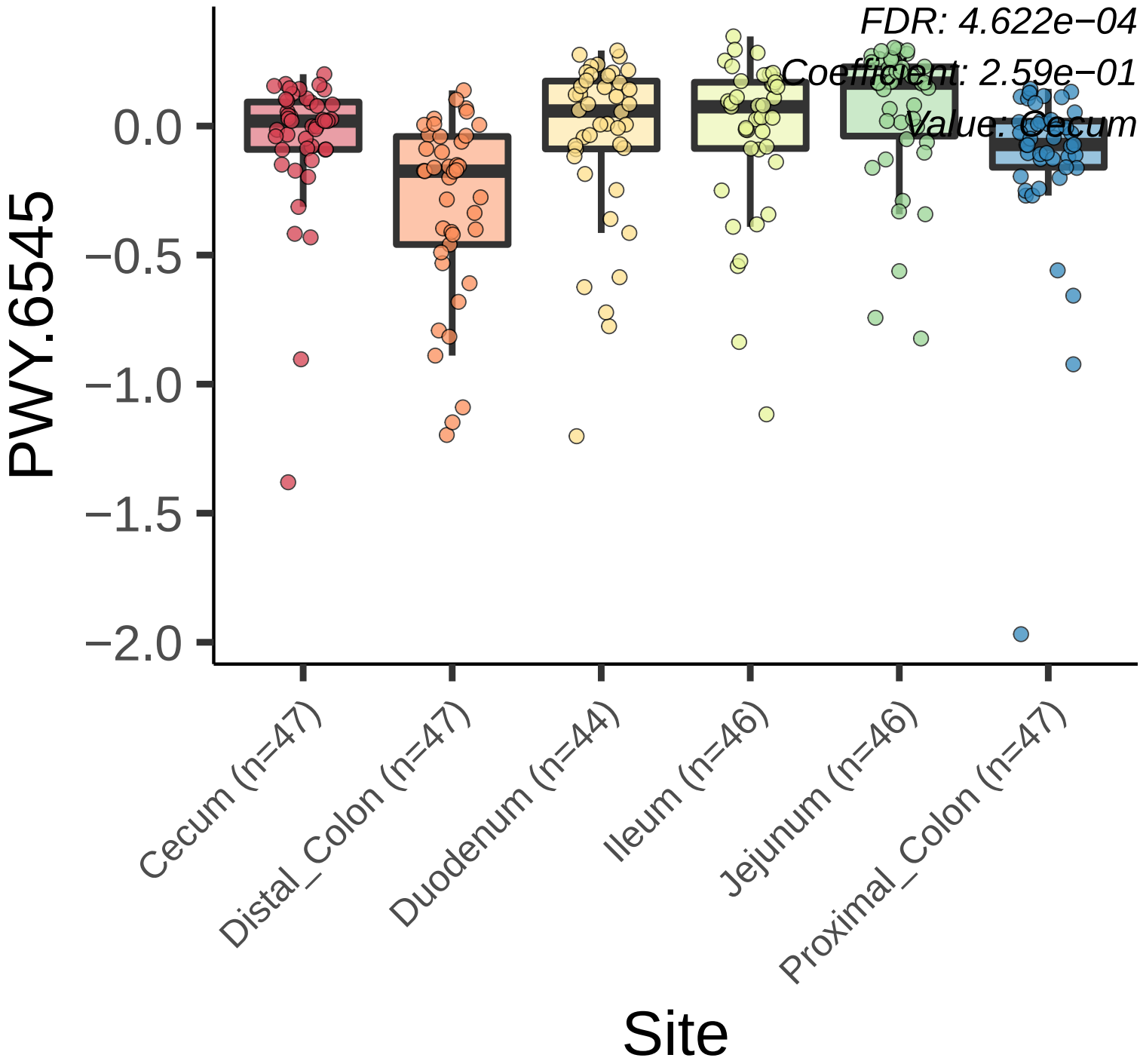
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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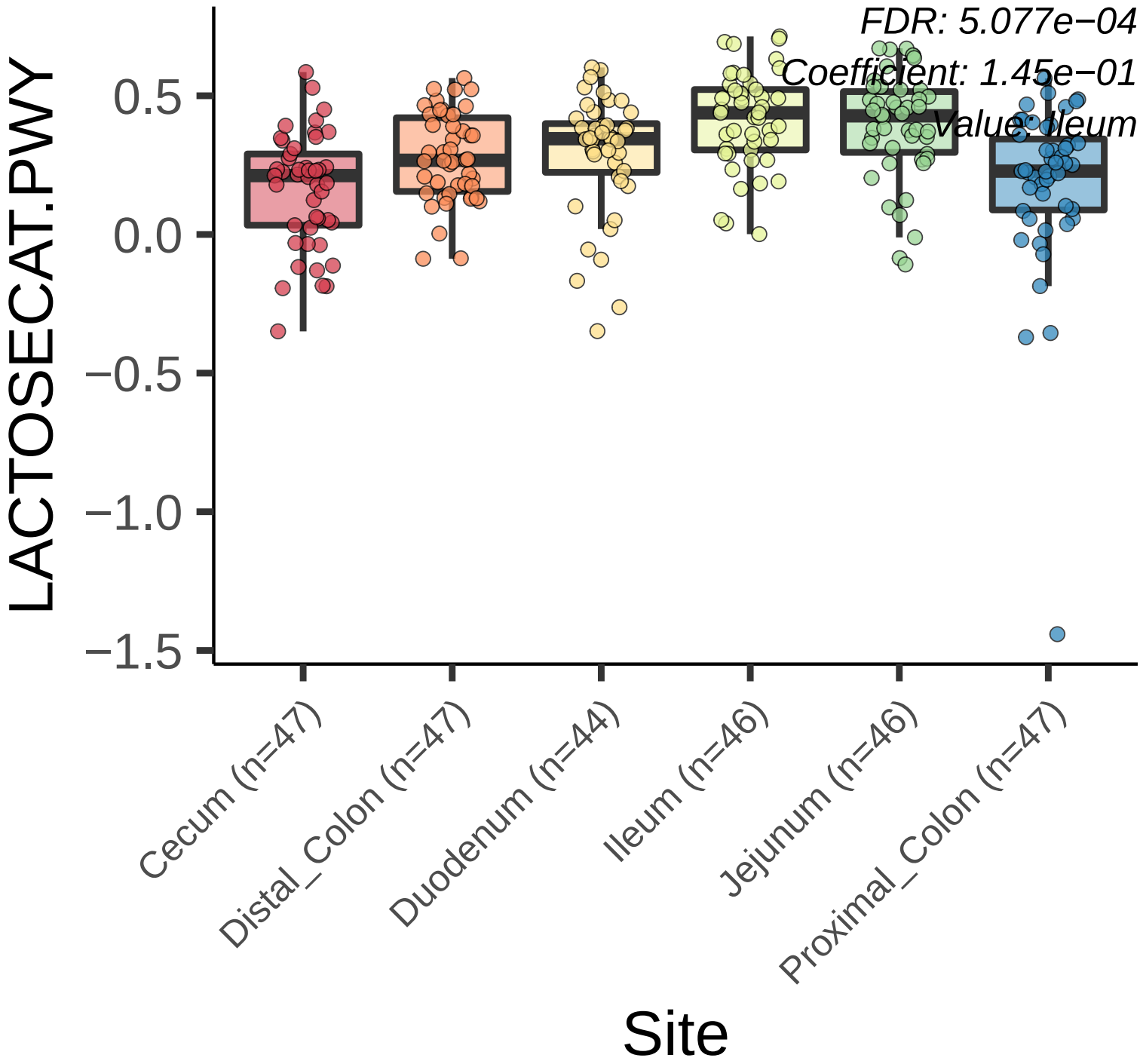
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.45e−01
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−1.0
−1.5
Cecum (n=47)
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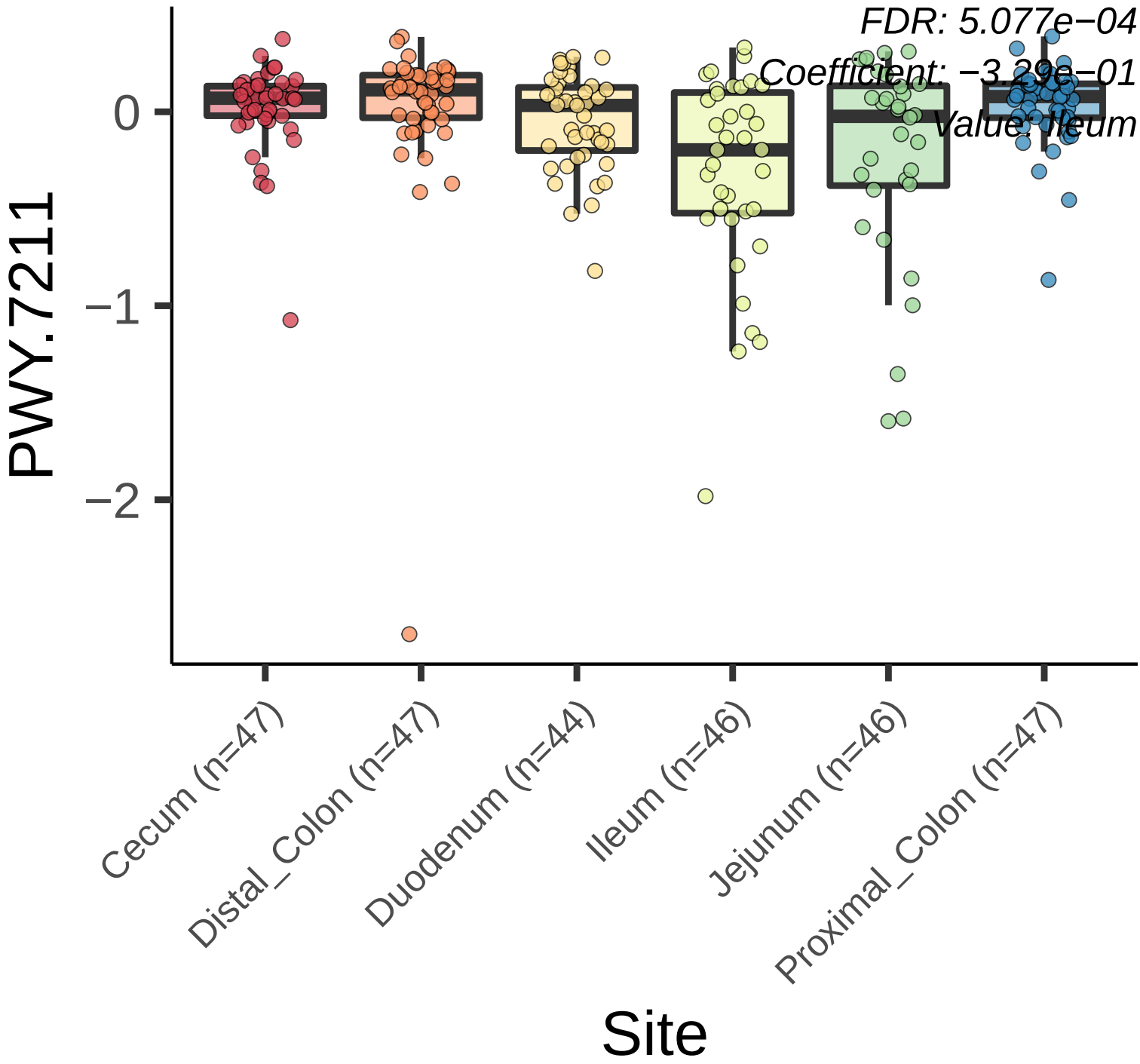
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.29e−01
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−1
−2
Cecum (n=47)
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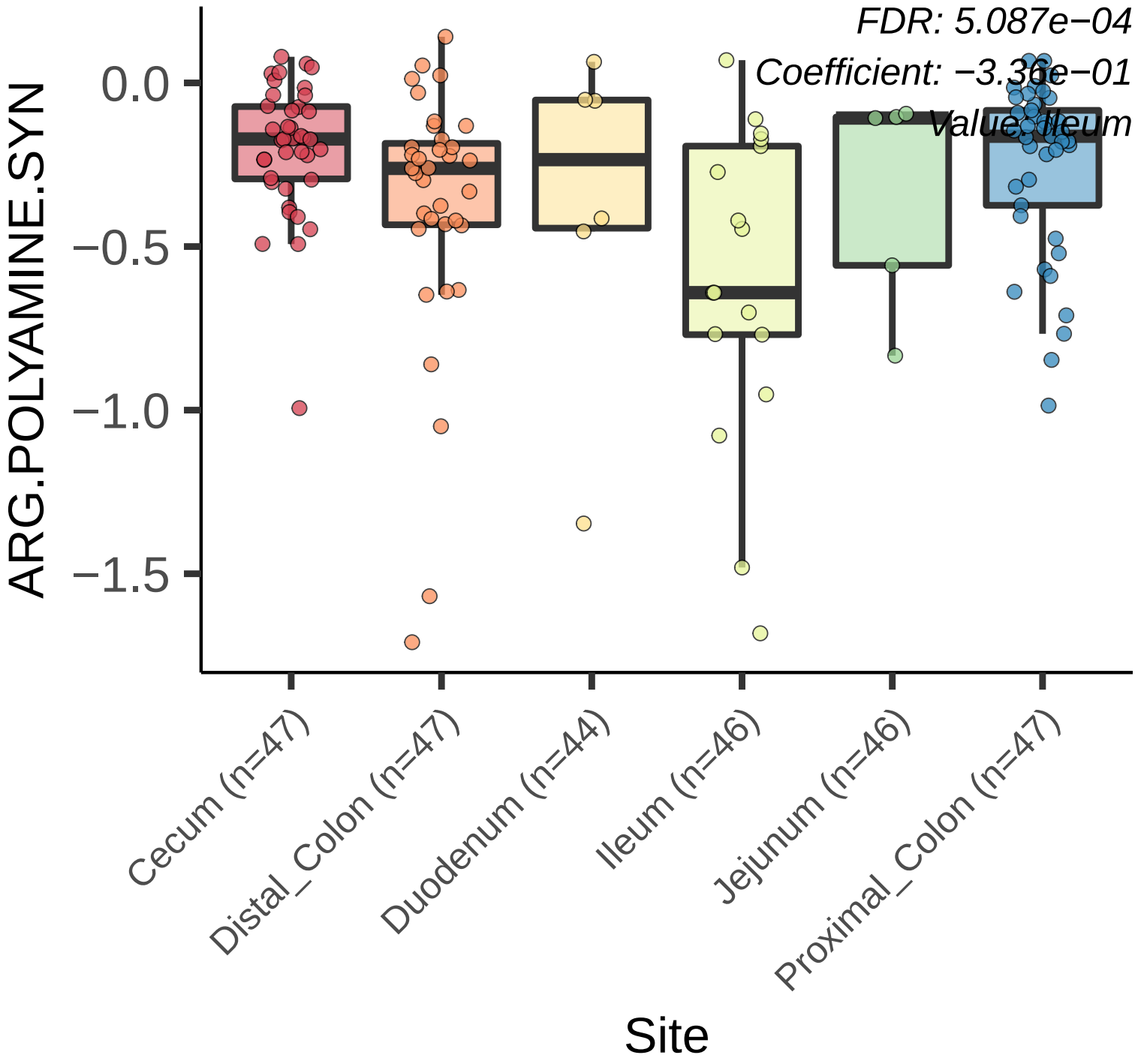
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.36e−01
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−1.0
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Cecum (n=47)
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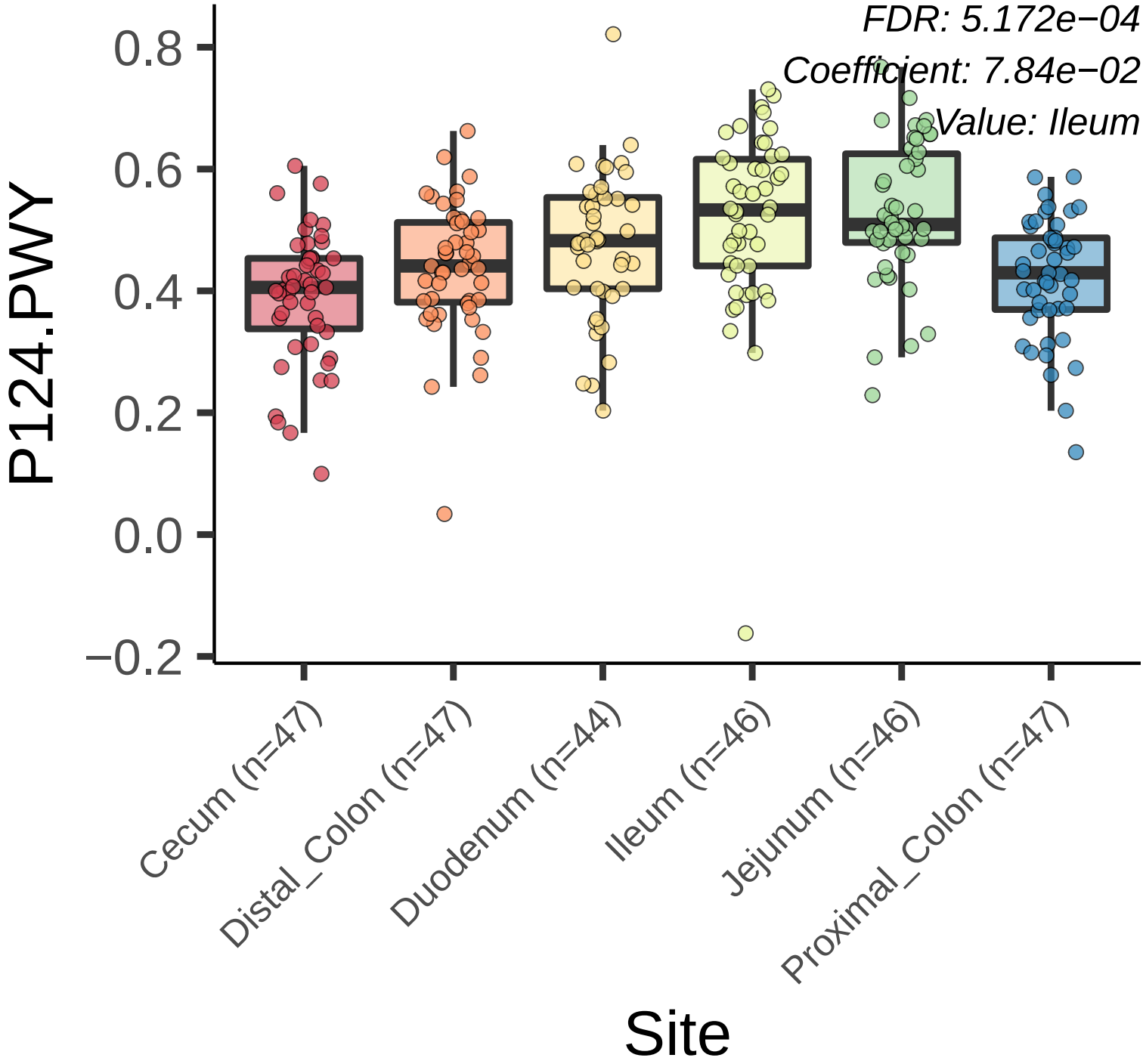
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.84e−02
Value: Ileum
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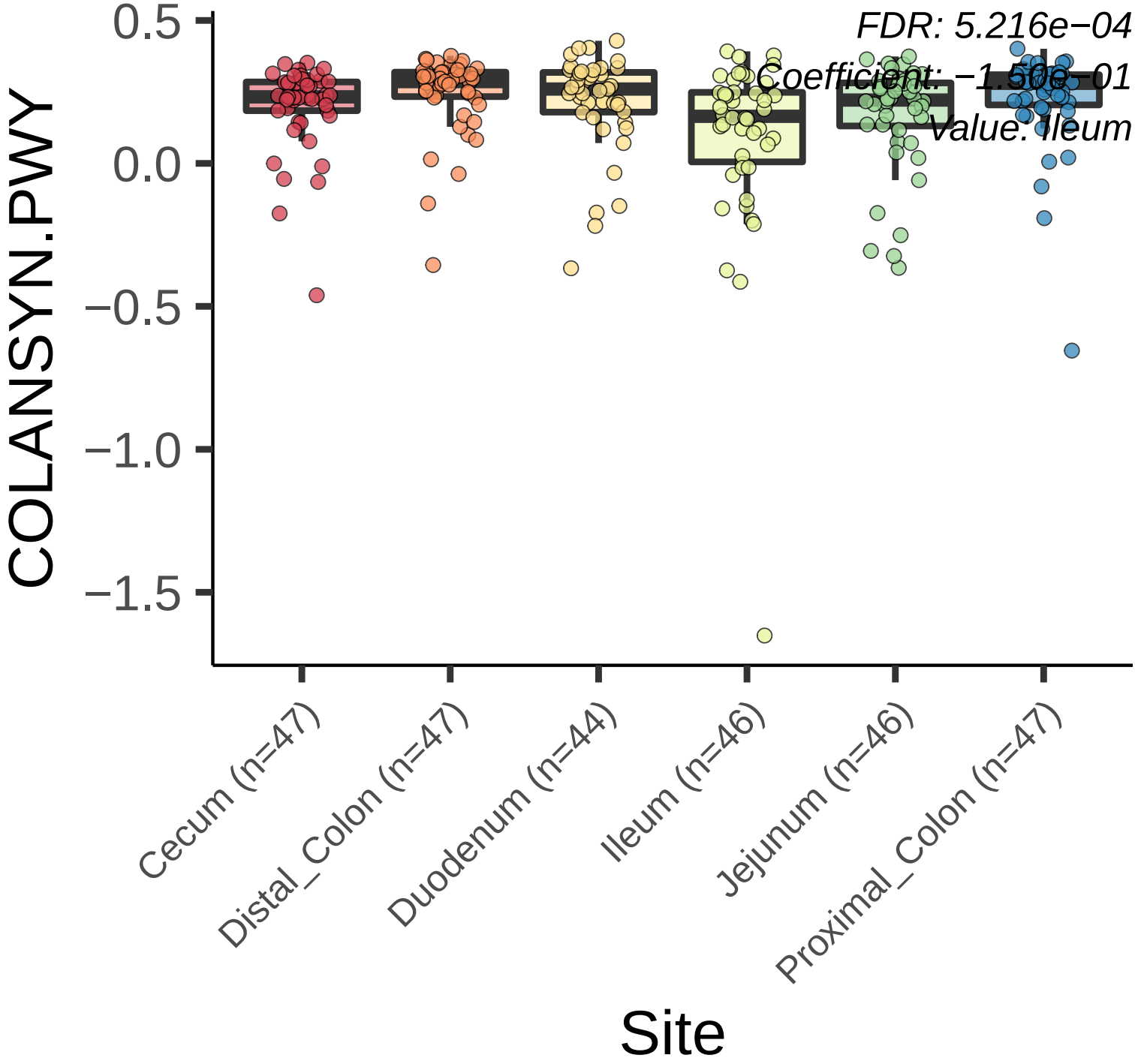
0.4
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.506e−01
Value: Ileum
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0.0
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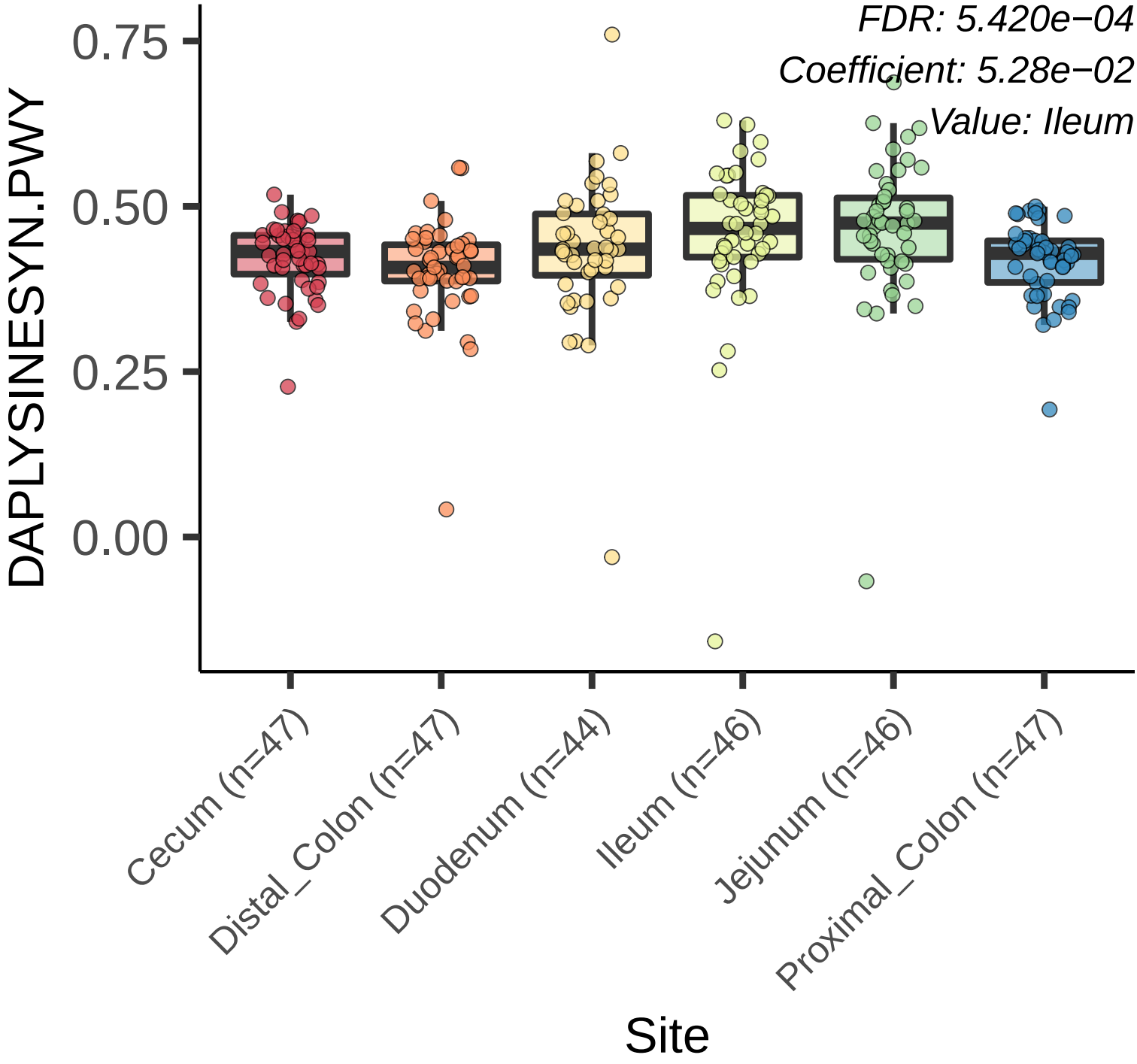
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.28e−02
Value: Ileum
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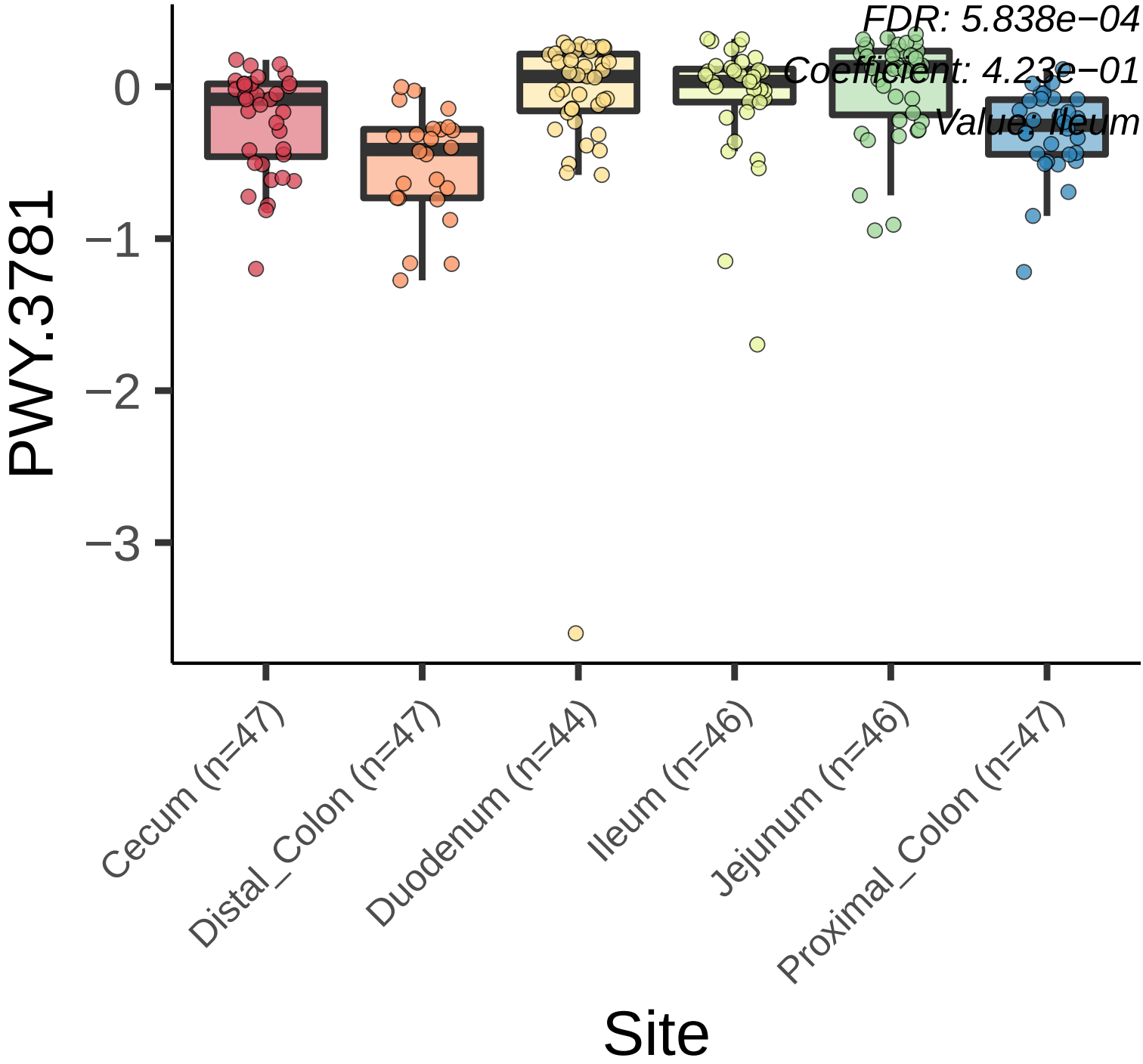
0.50
0.25
0.00
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.838e−04
Coefficient: 4.23e−01
Value: Ileum
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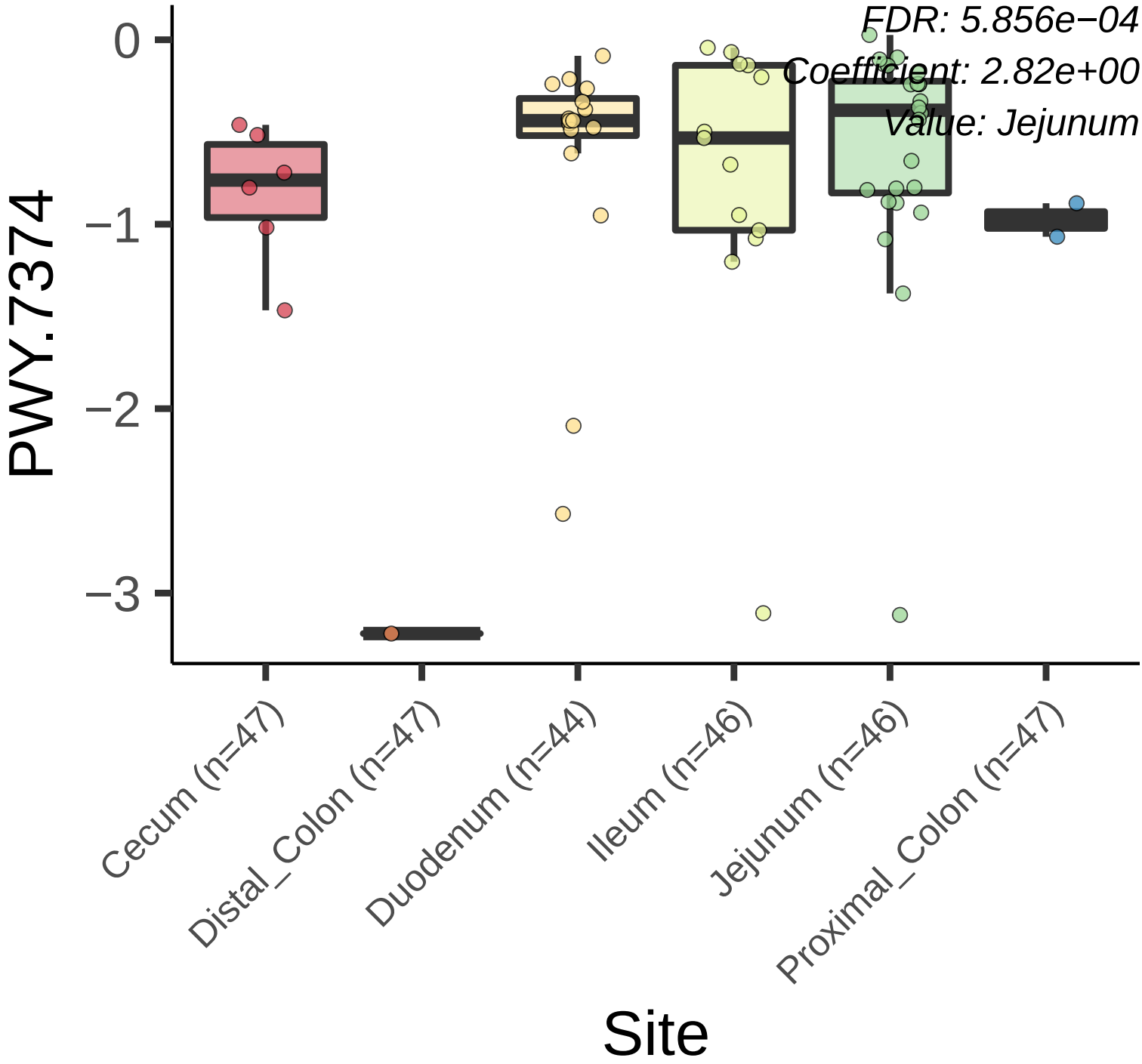
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.82e+00
Value: Jejunum
PWY.7374
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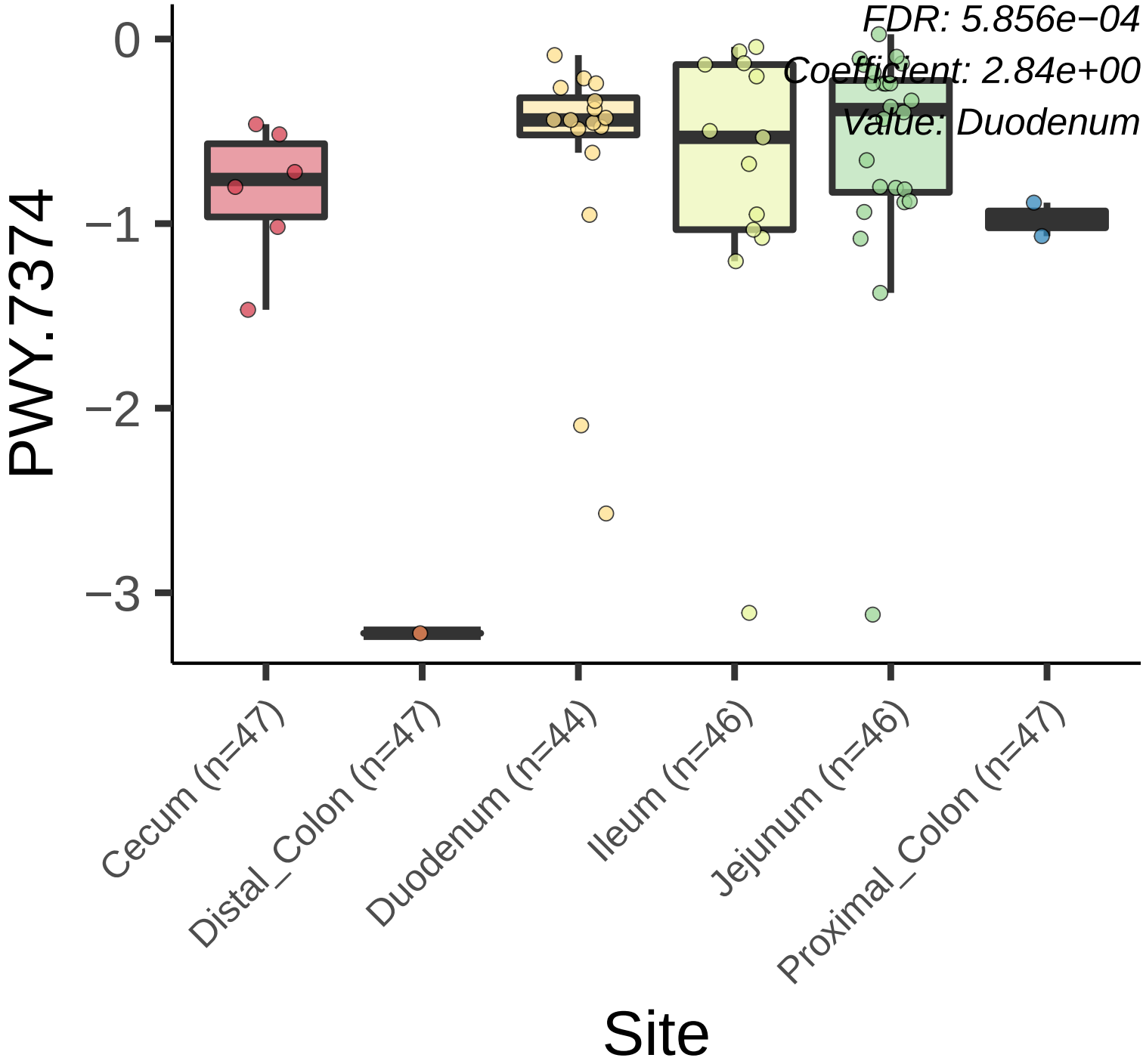
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.856e−04
Coefficient: 2.84e+00
Value: Duodenum
PWY.7374
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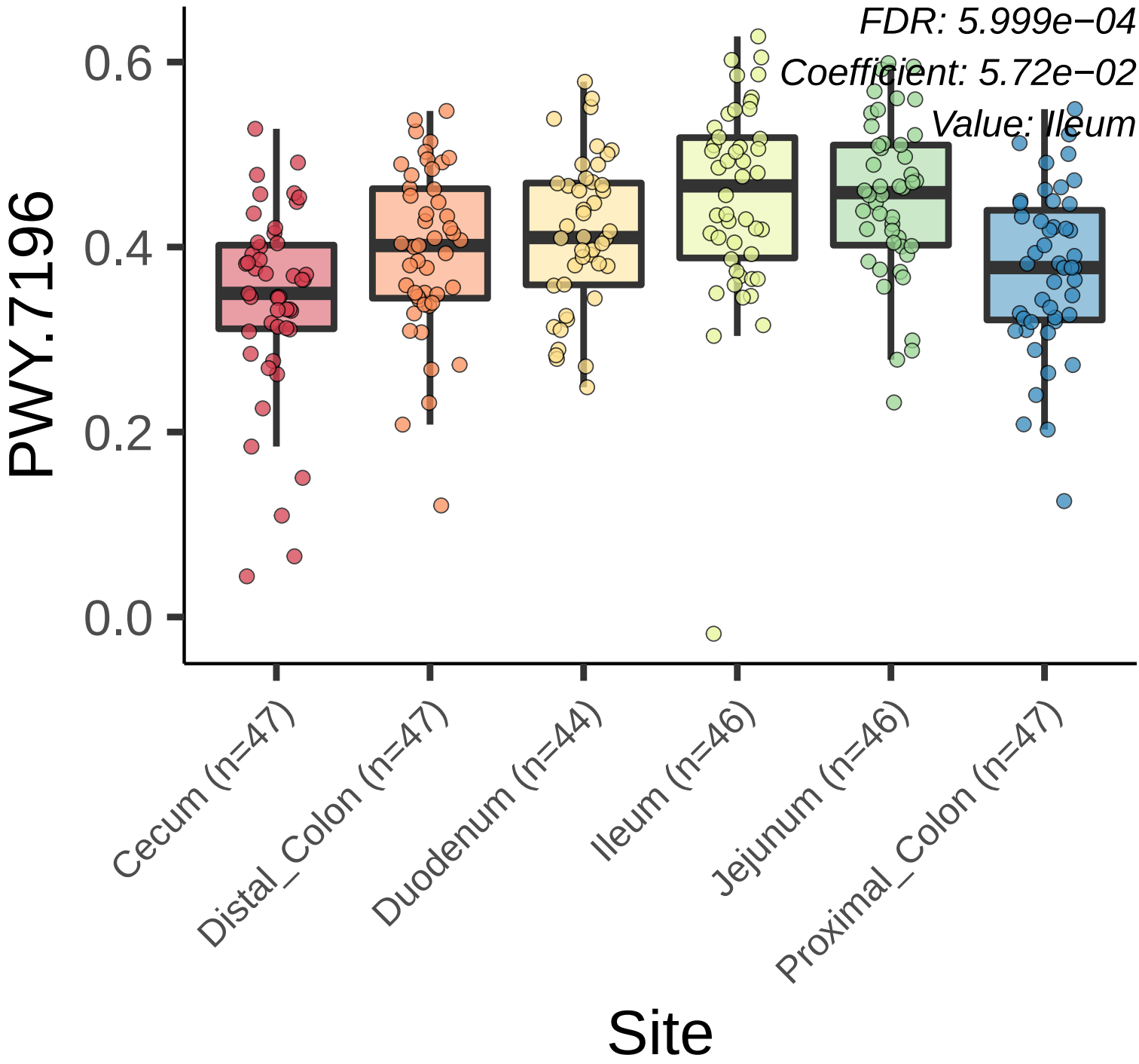
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.72e−02
Value: Ileum
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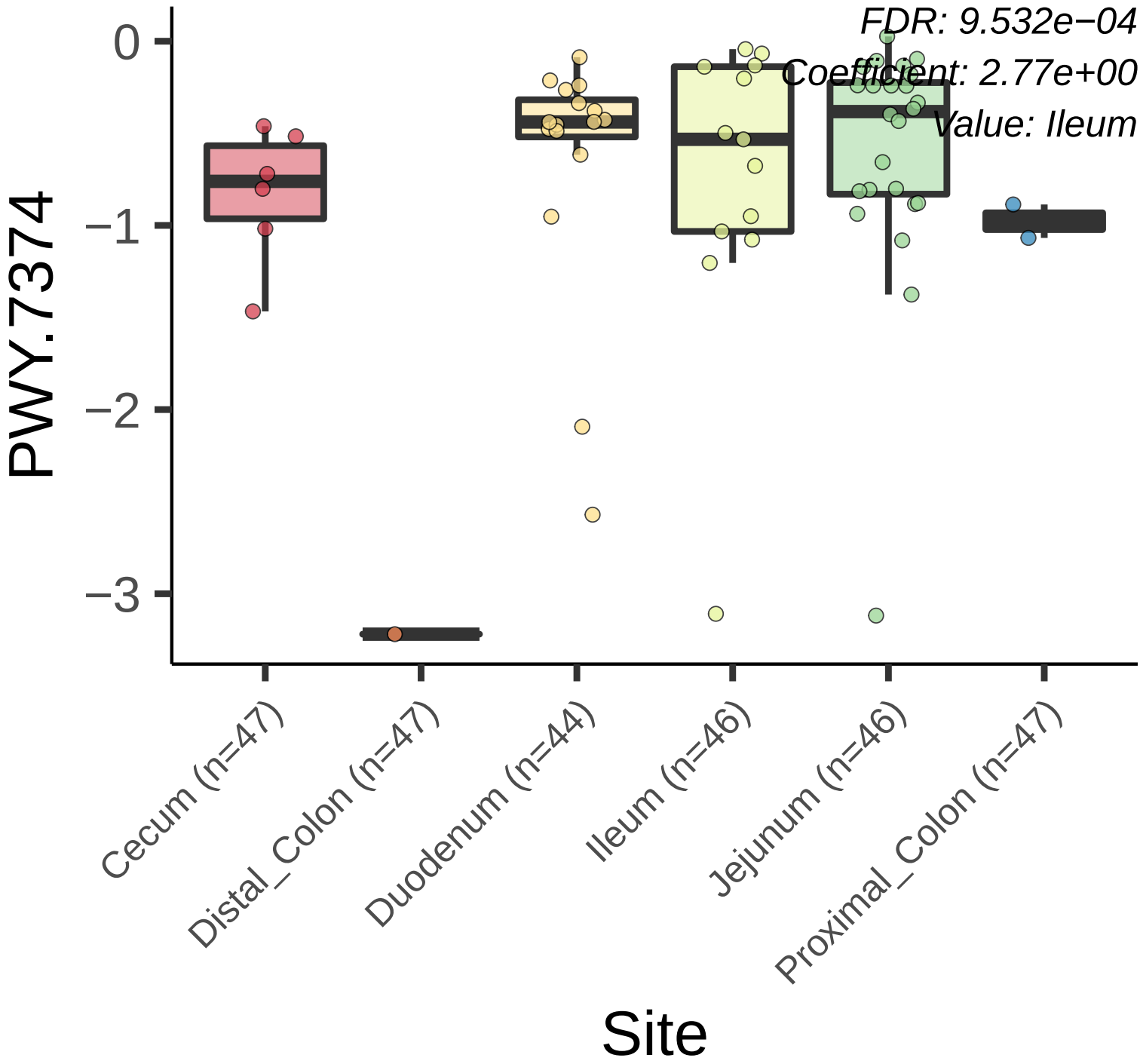
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.77e+00
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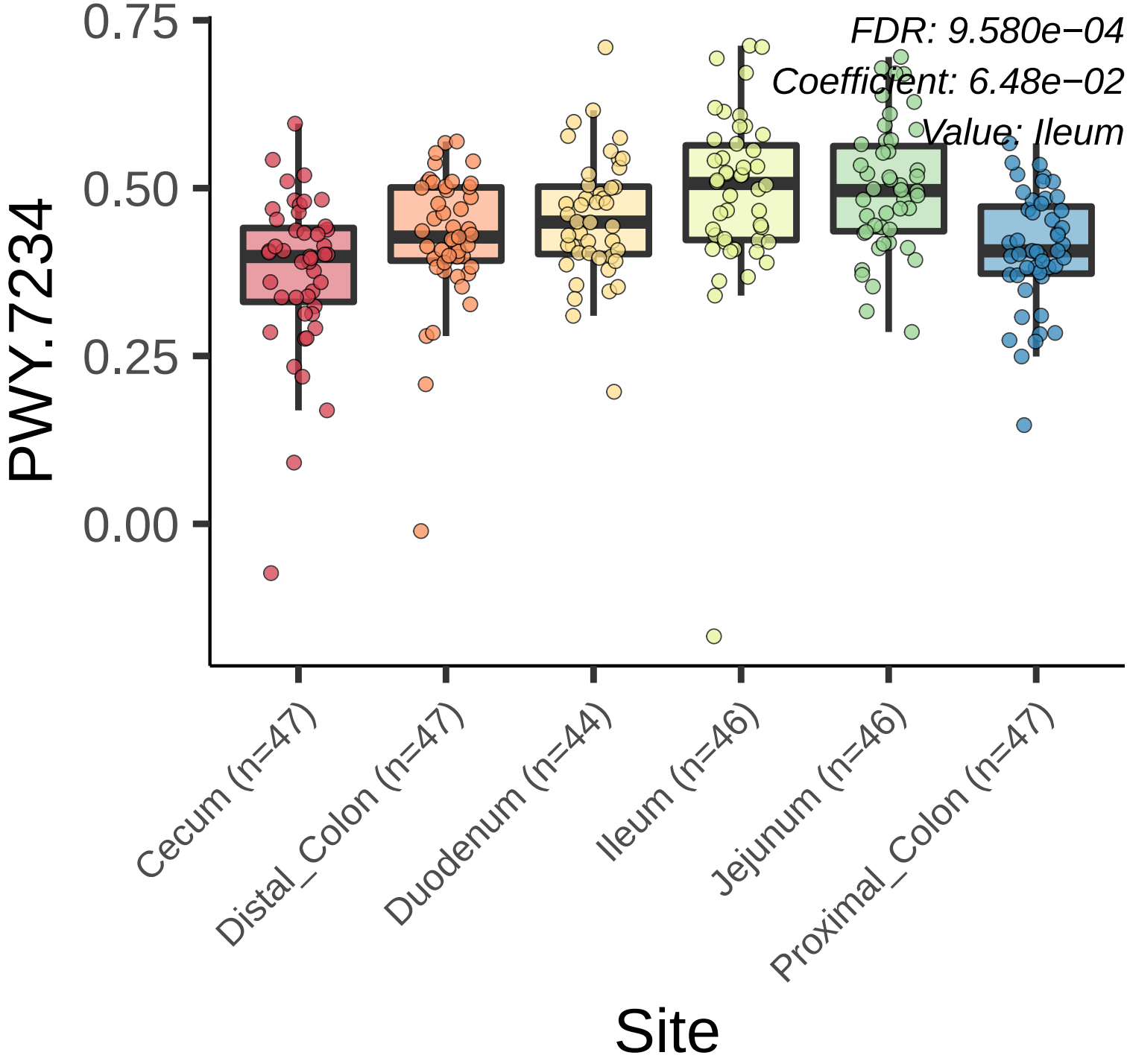
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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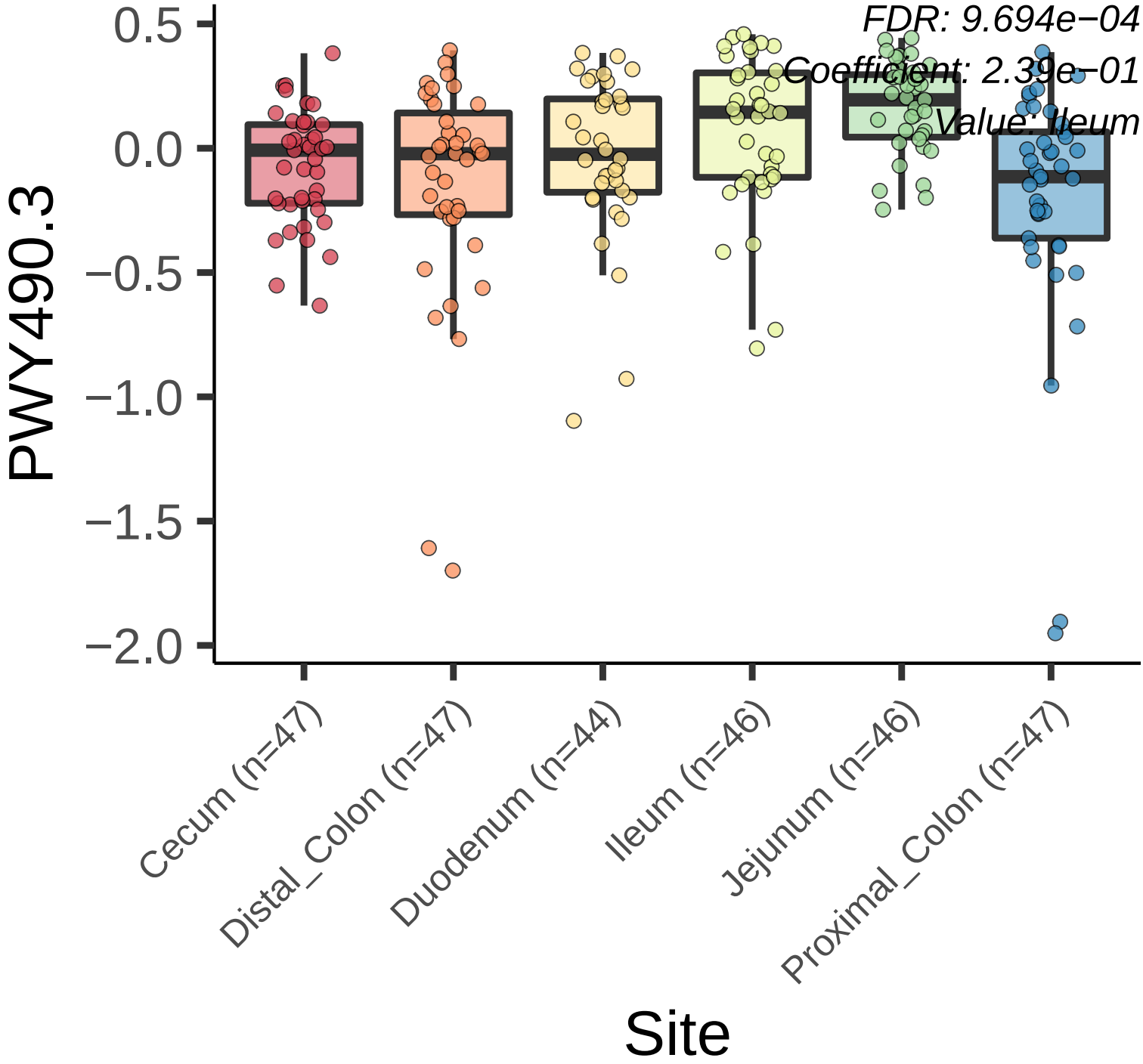
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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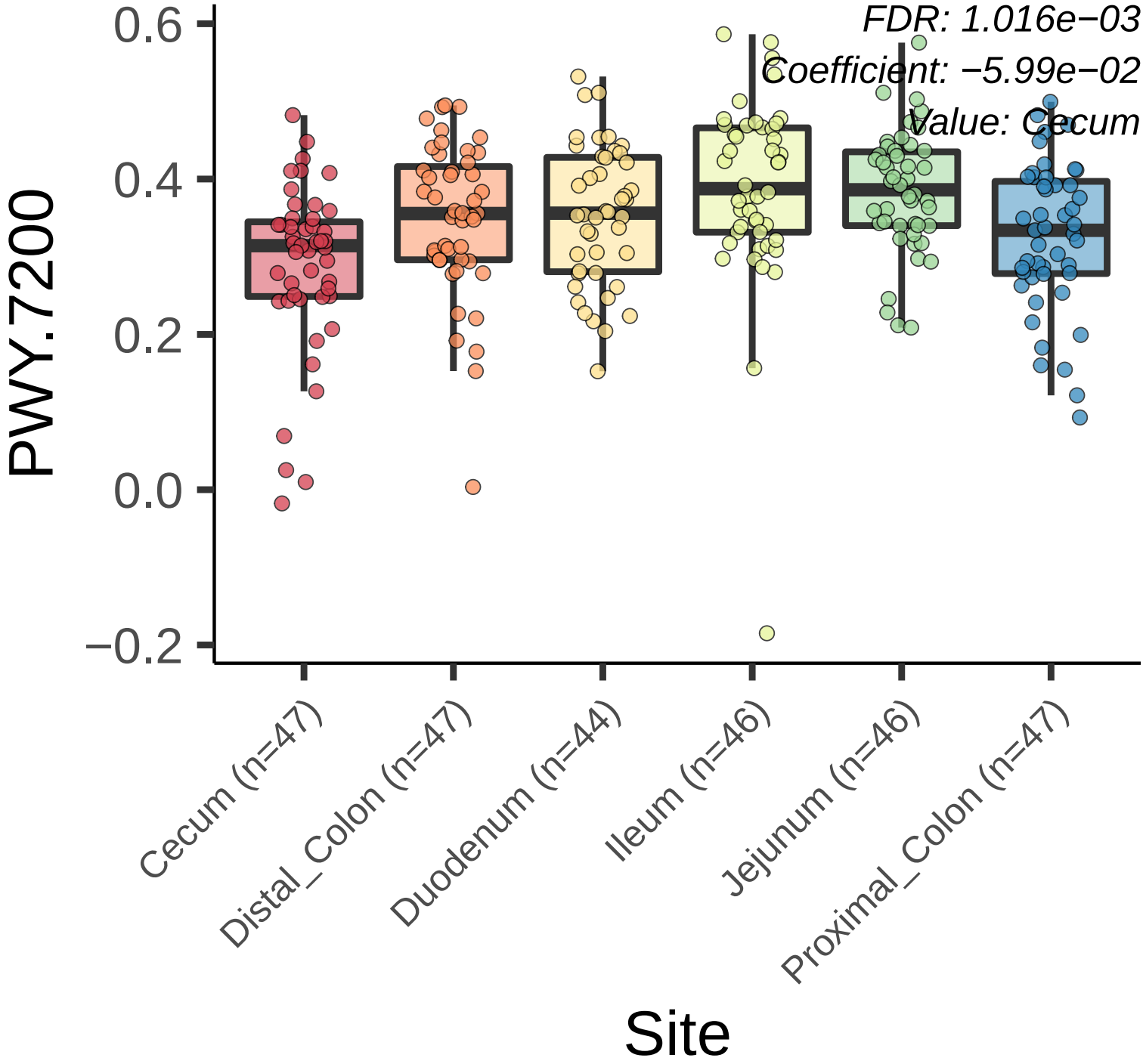
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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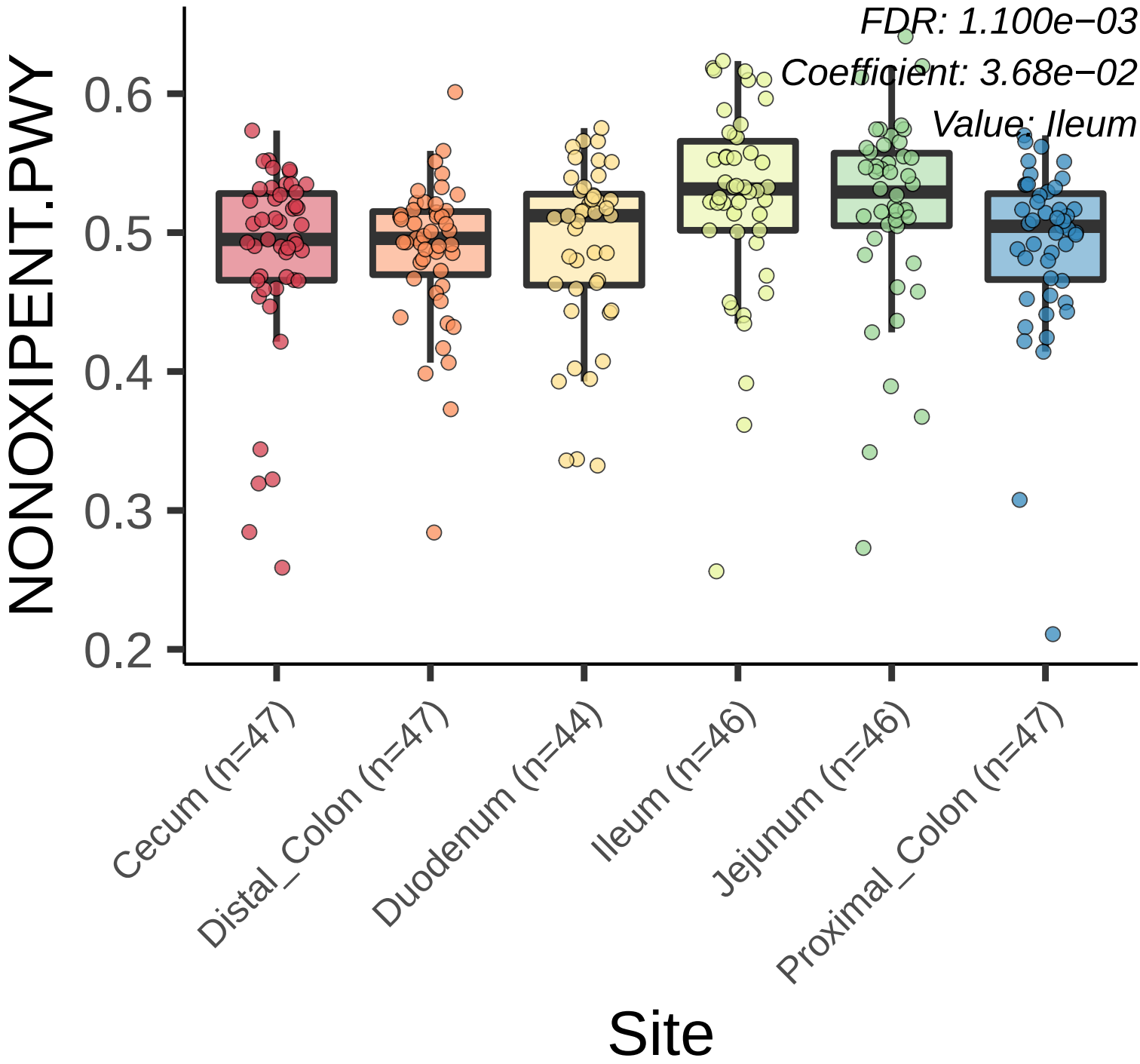
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.3
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Cecum (n=47)
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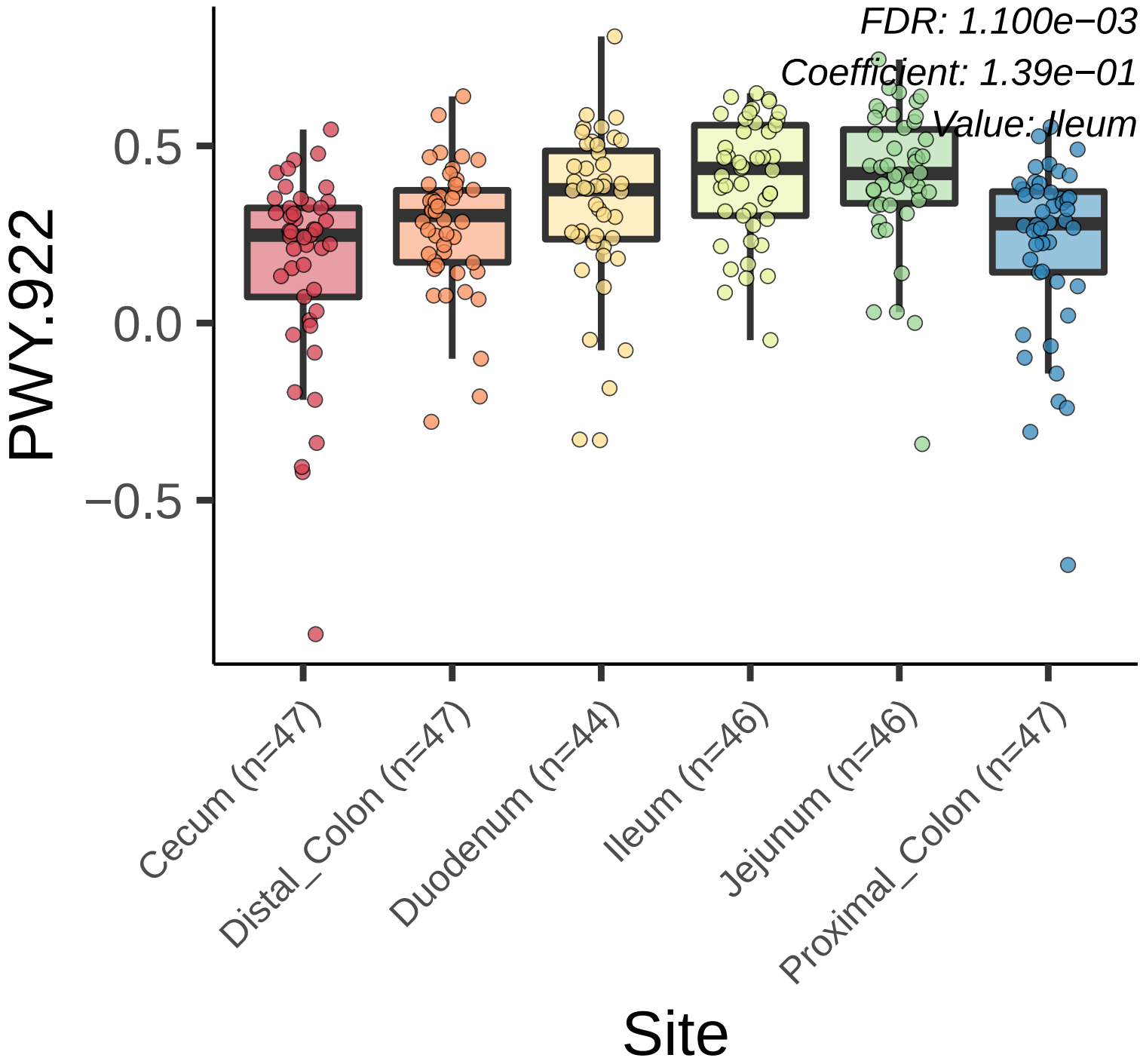
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.39e−01
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PWY.922
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0.0
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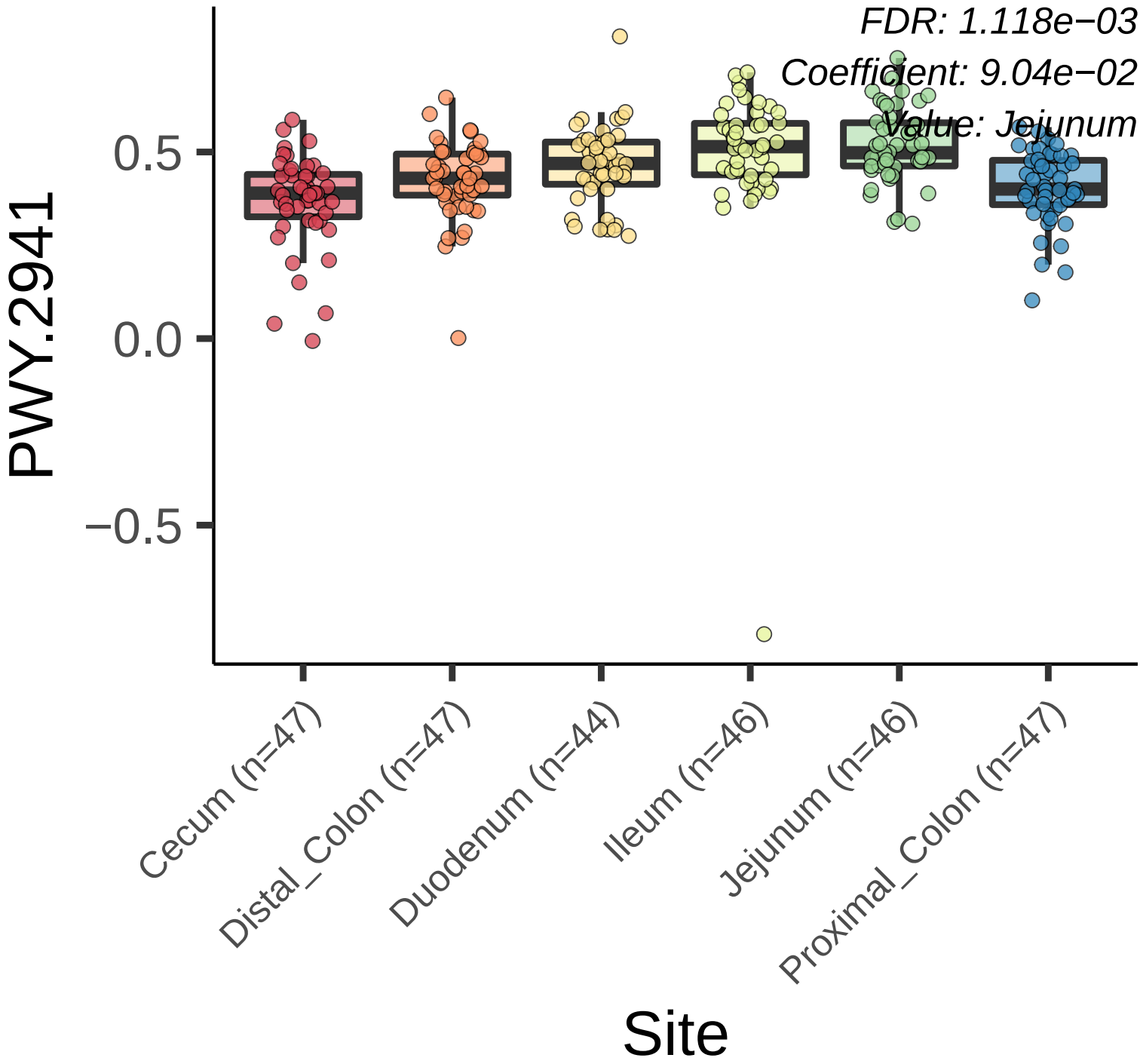
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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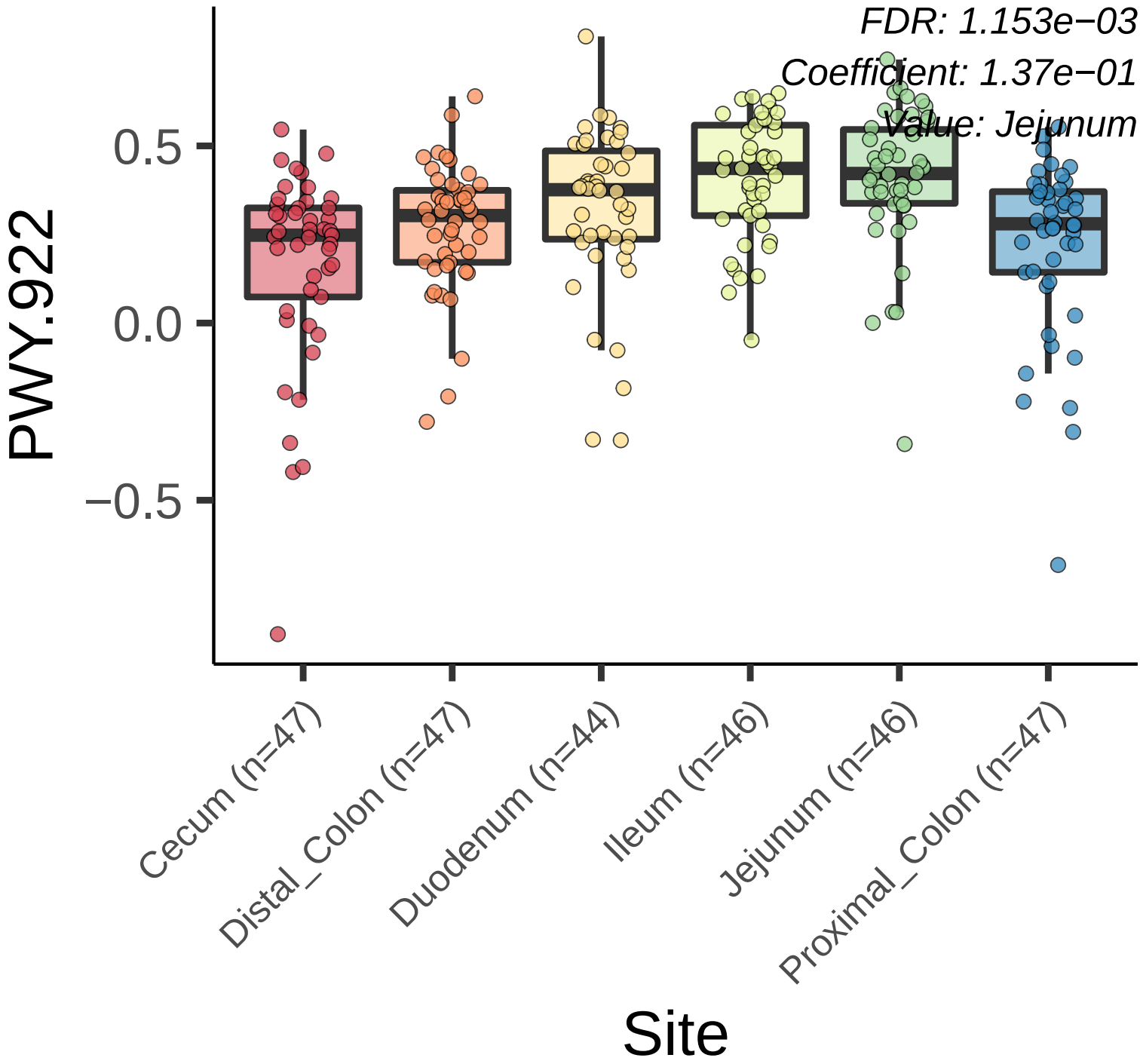
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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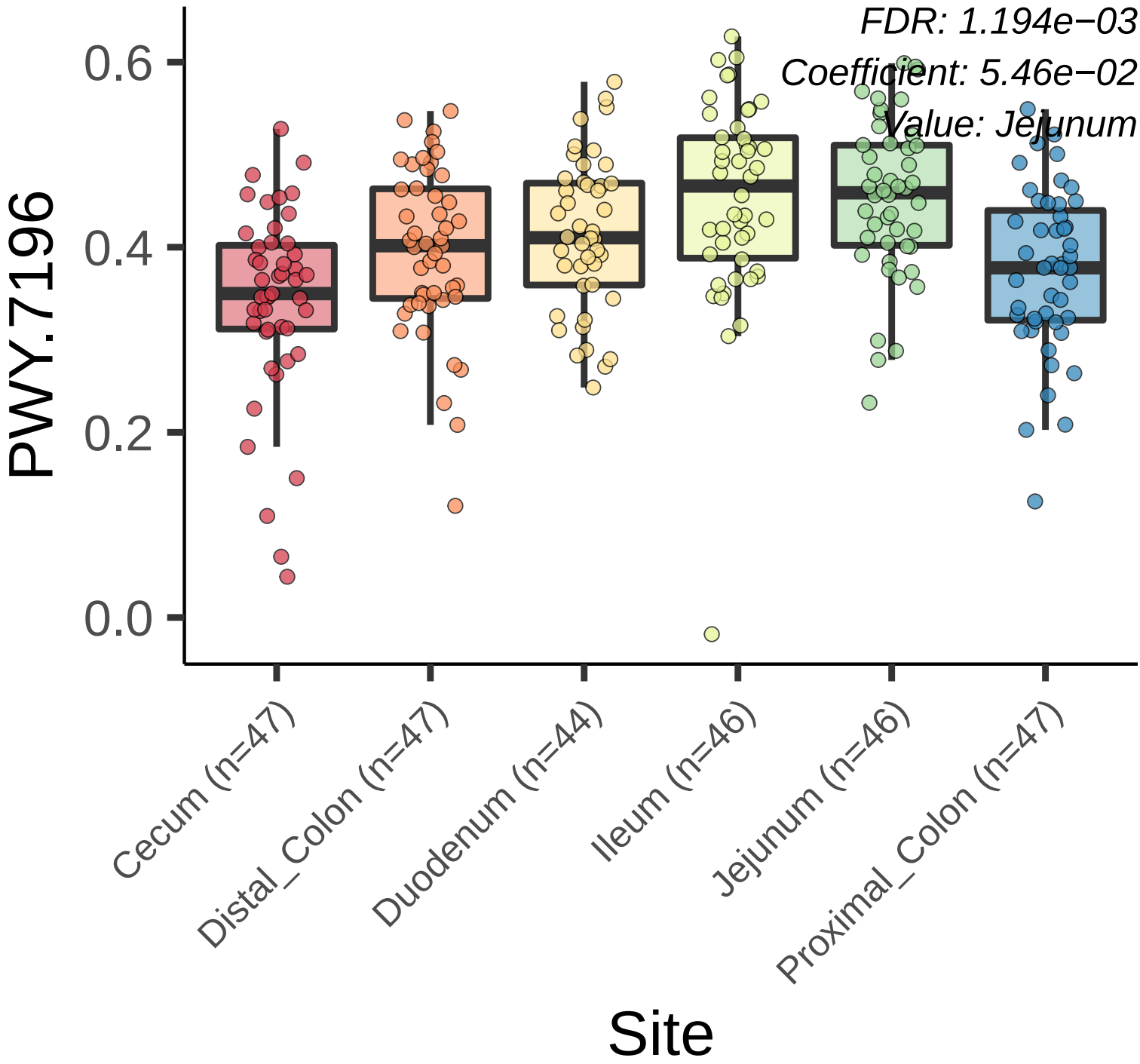
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.46e−02
Value: Jejunum
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0.2
0.0
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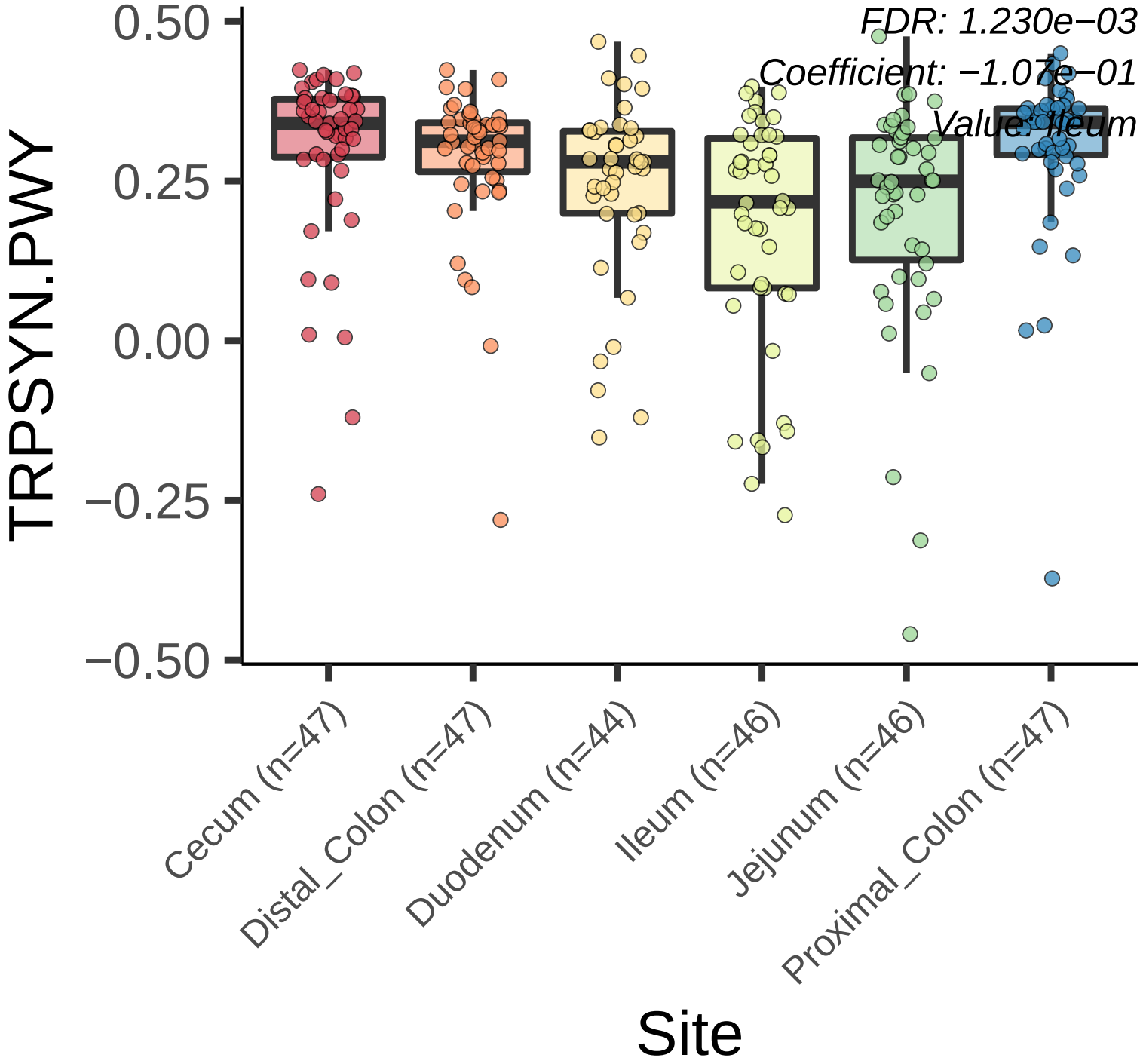
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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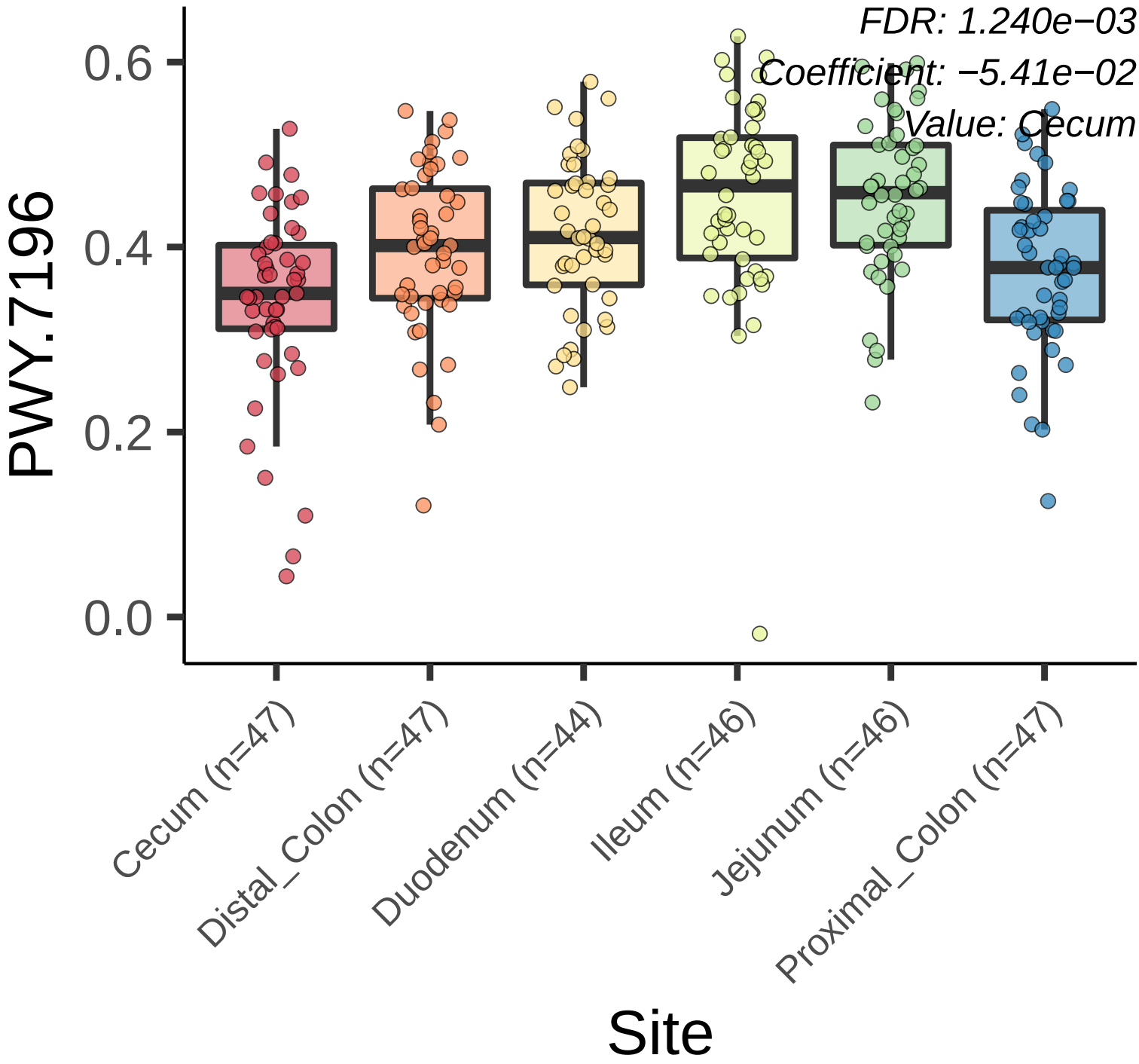
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.2
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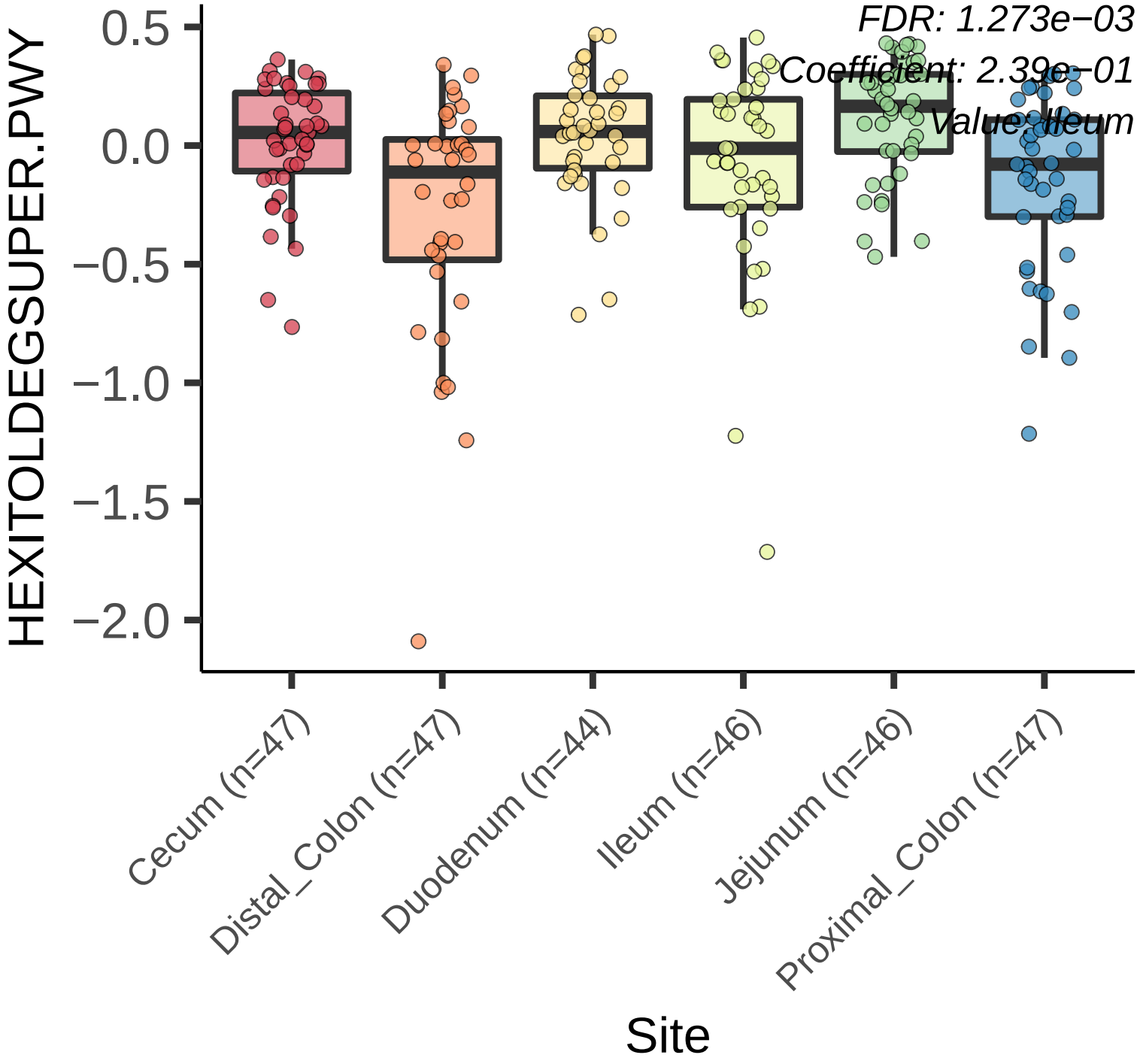
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.39e−01
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HEXITOLDEGSUPER.PWY
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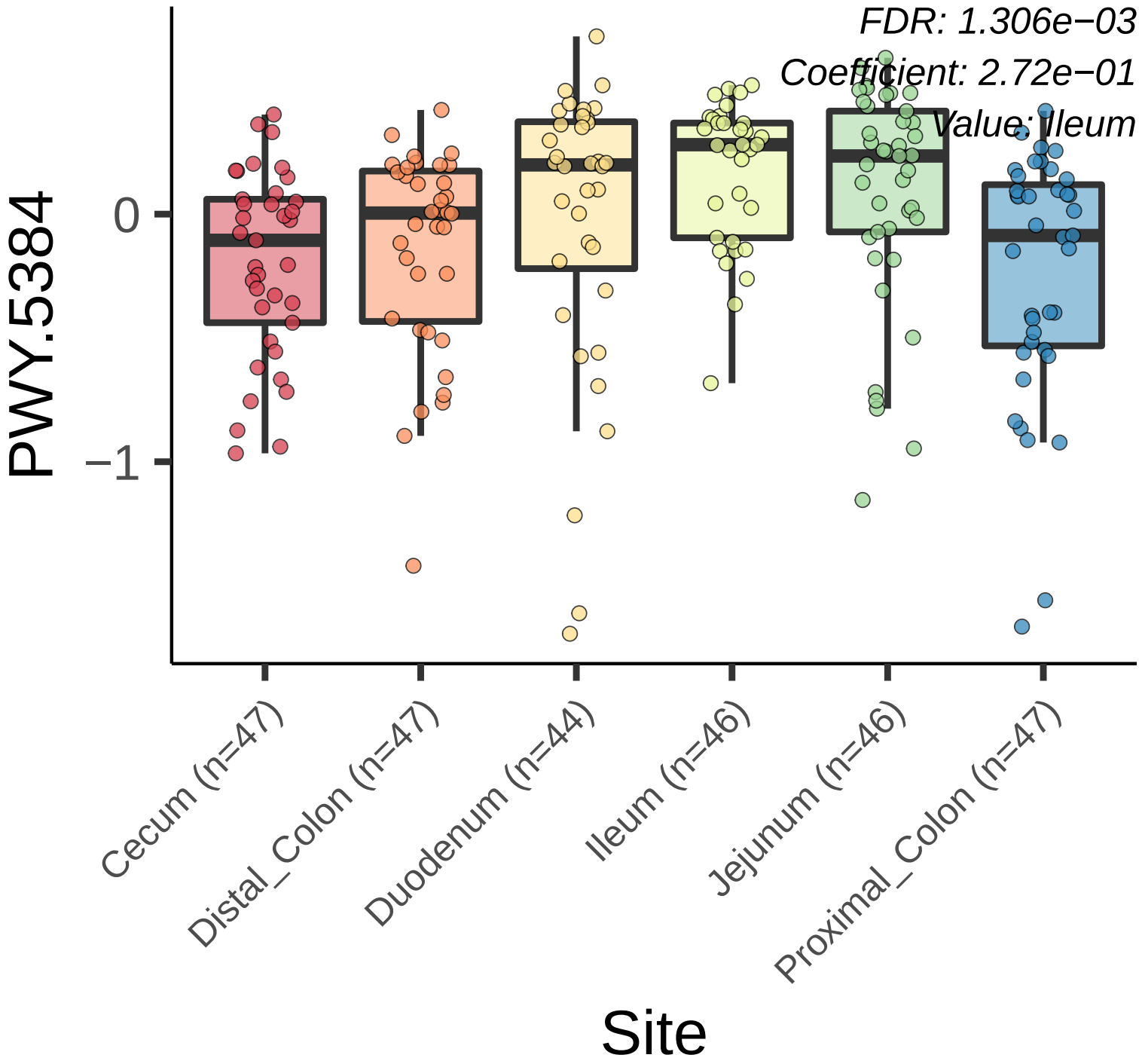
0.0
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.72e−01
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Cecum (n=47)
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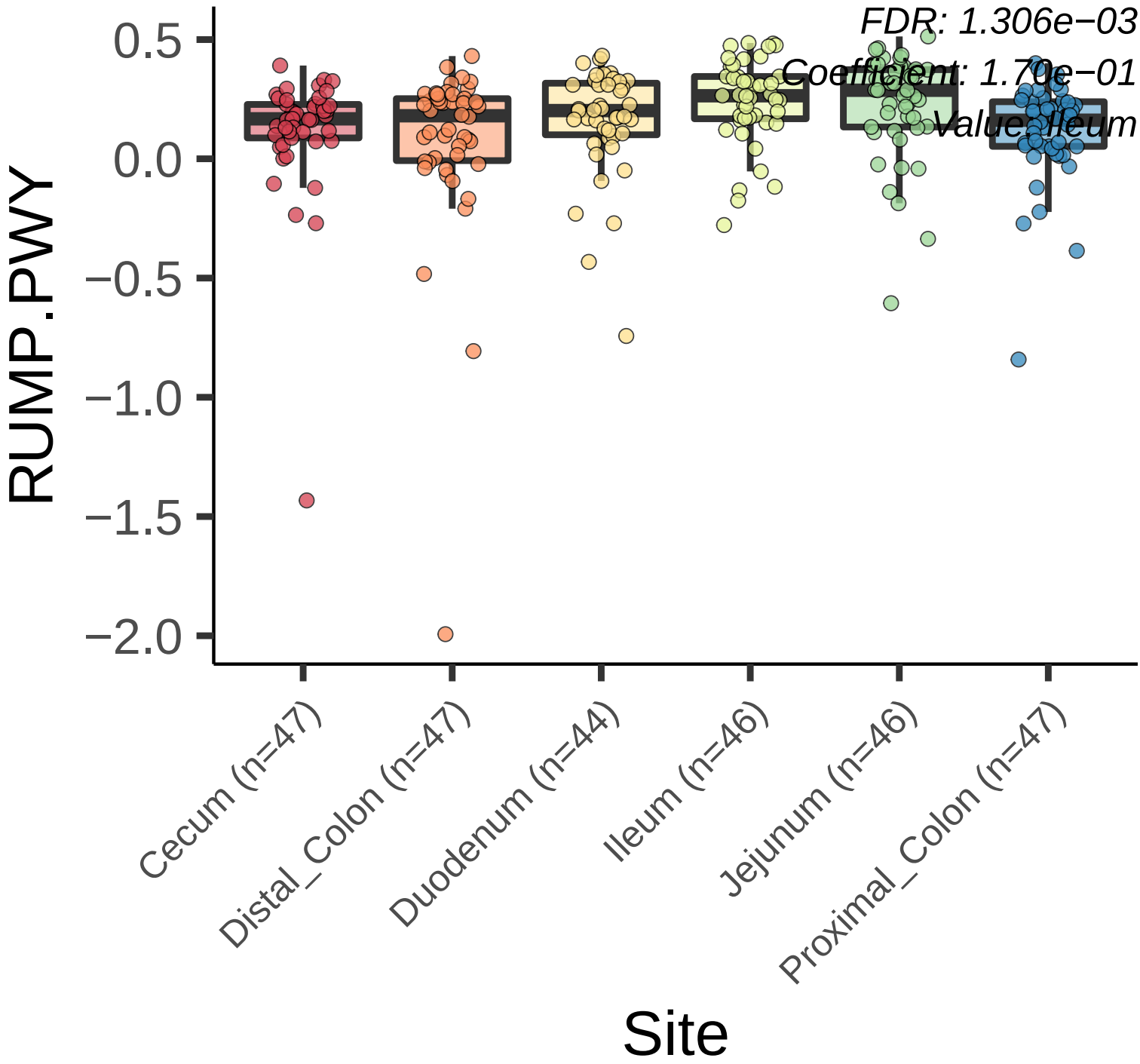
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.70e−01
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−1.5
−2.0
Cecum (n=47)
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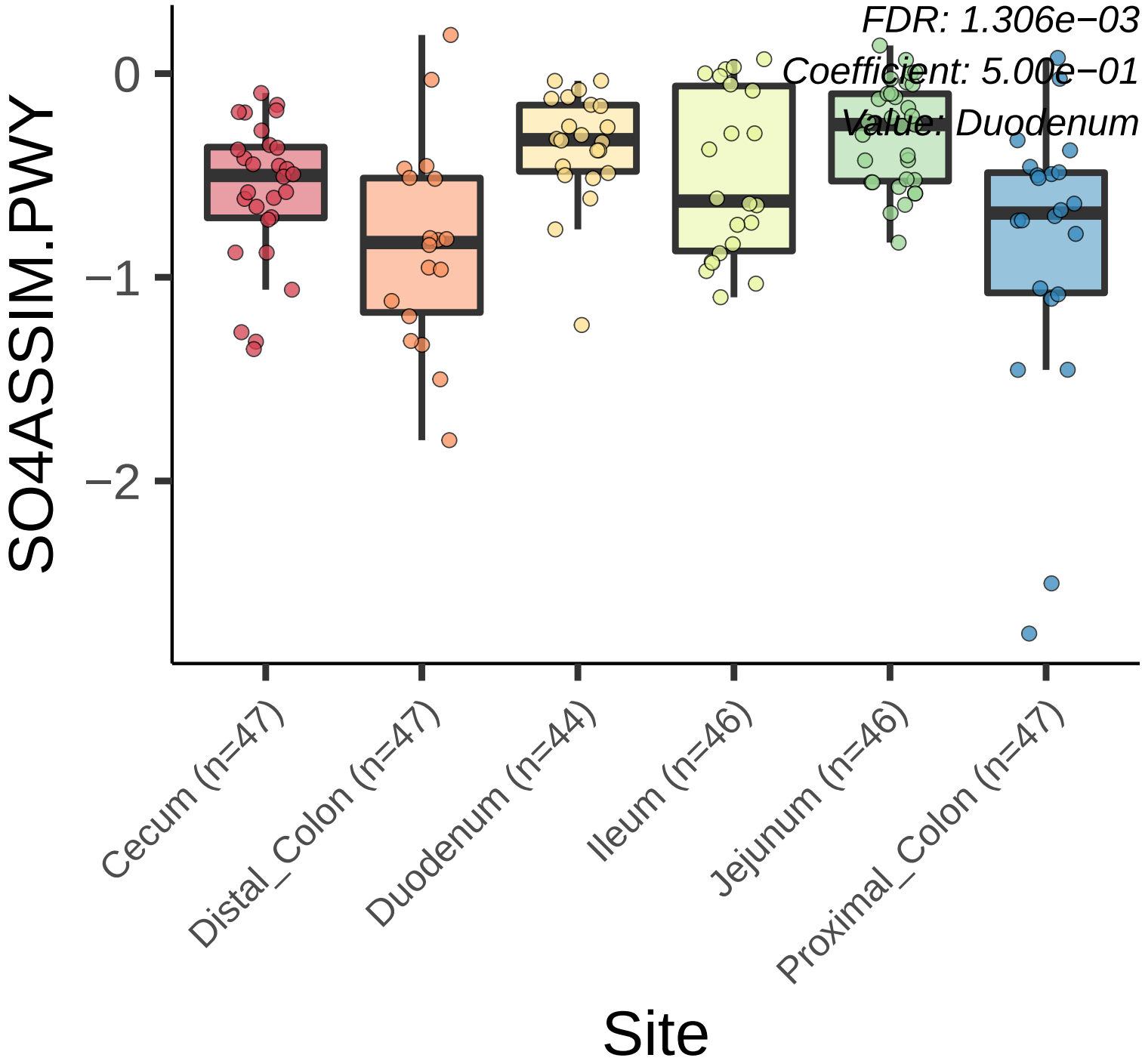
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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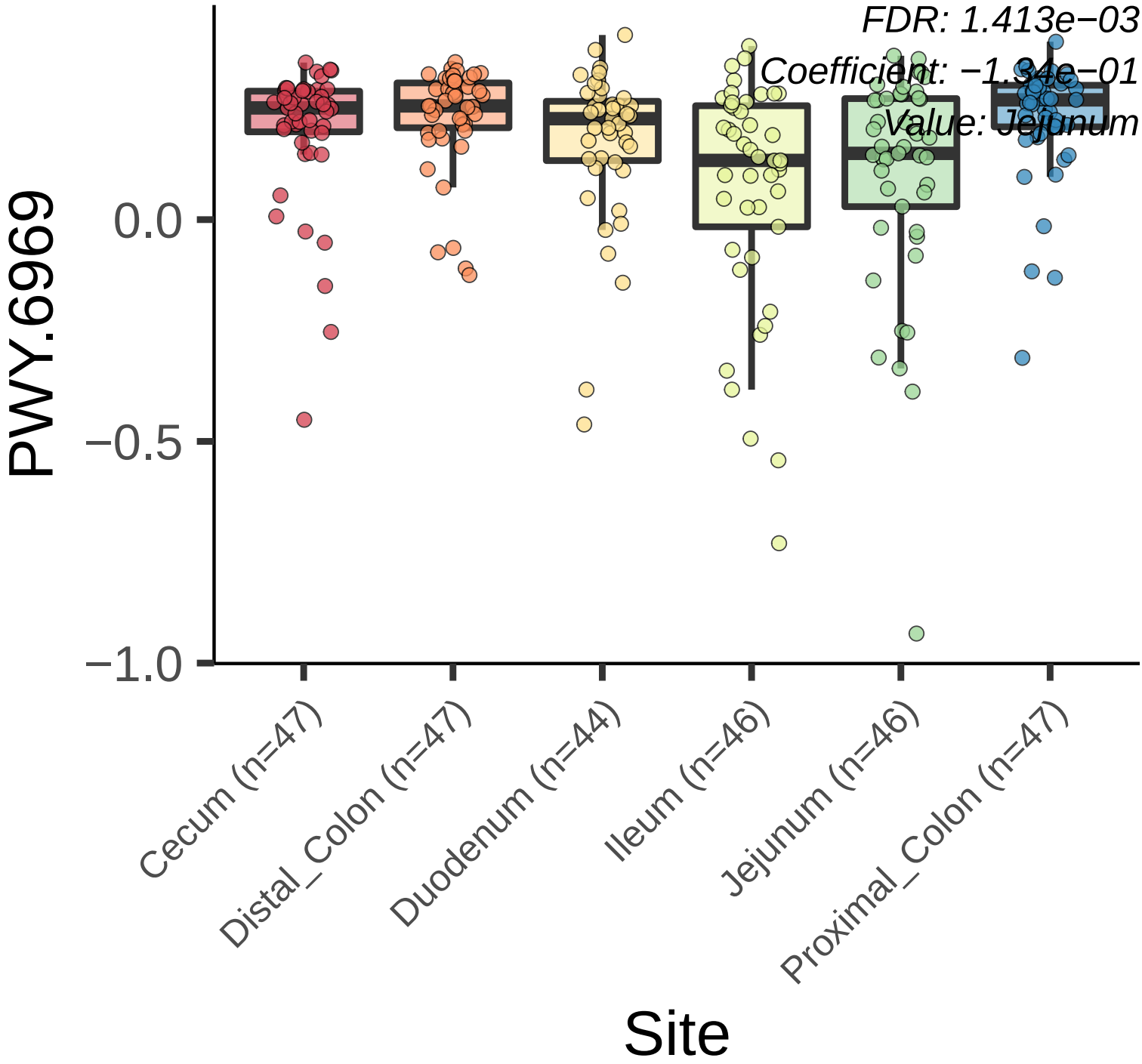
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.413e−03
Coefficient: −1.34e−01
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Cecum (n=47)
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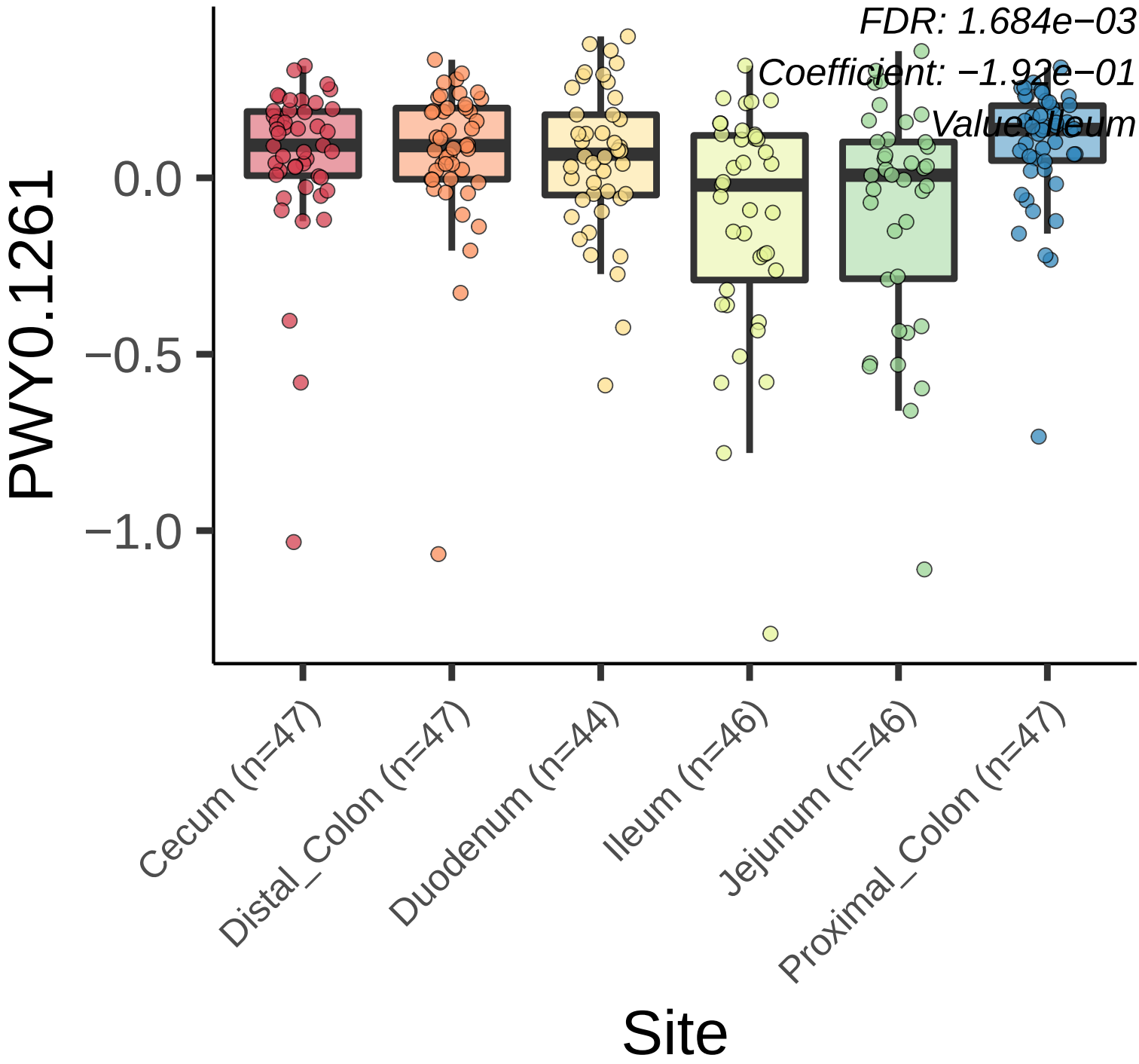
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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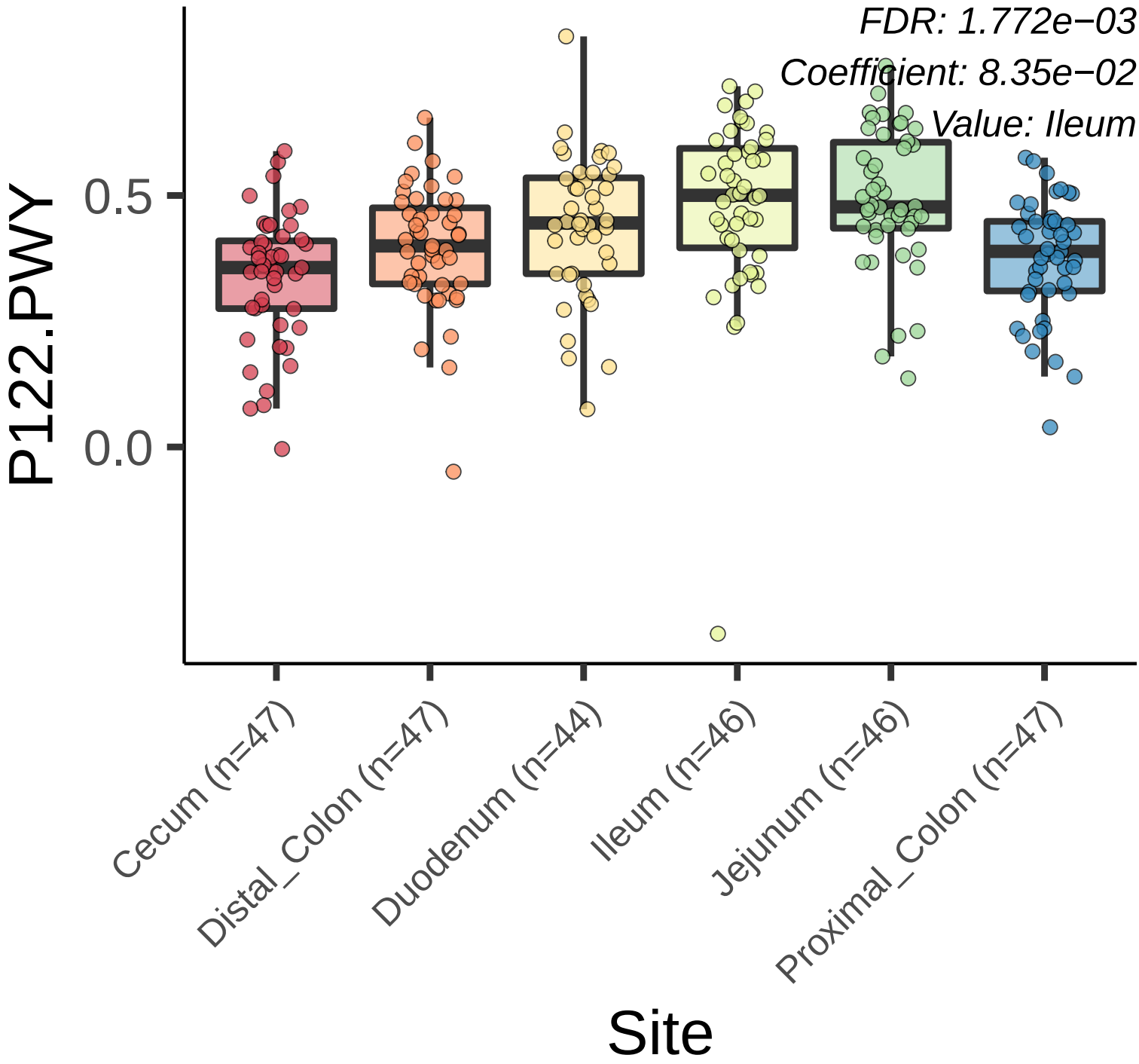
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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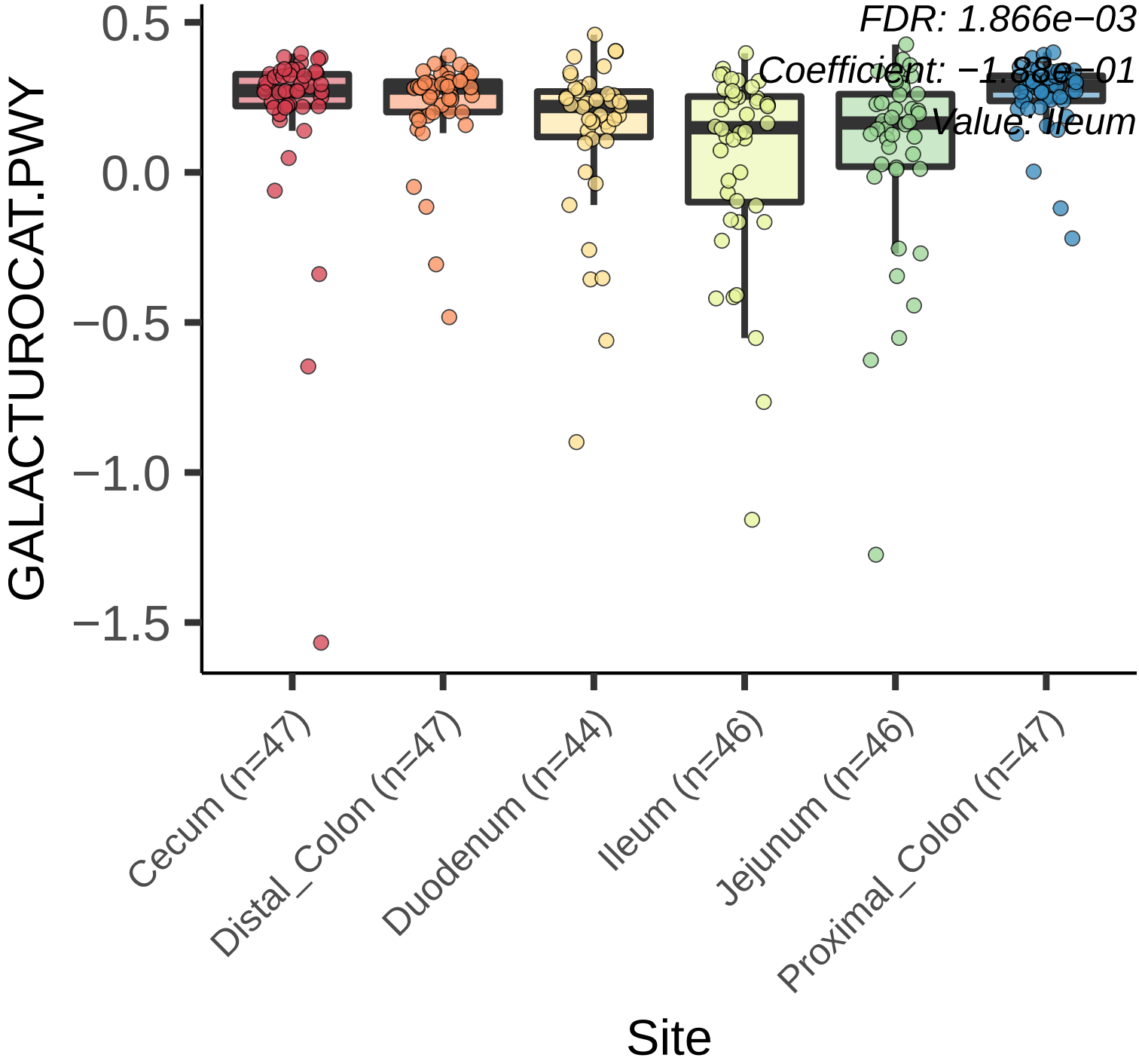
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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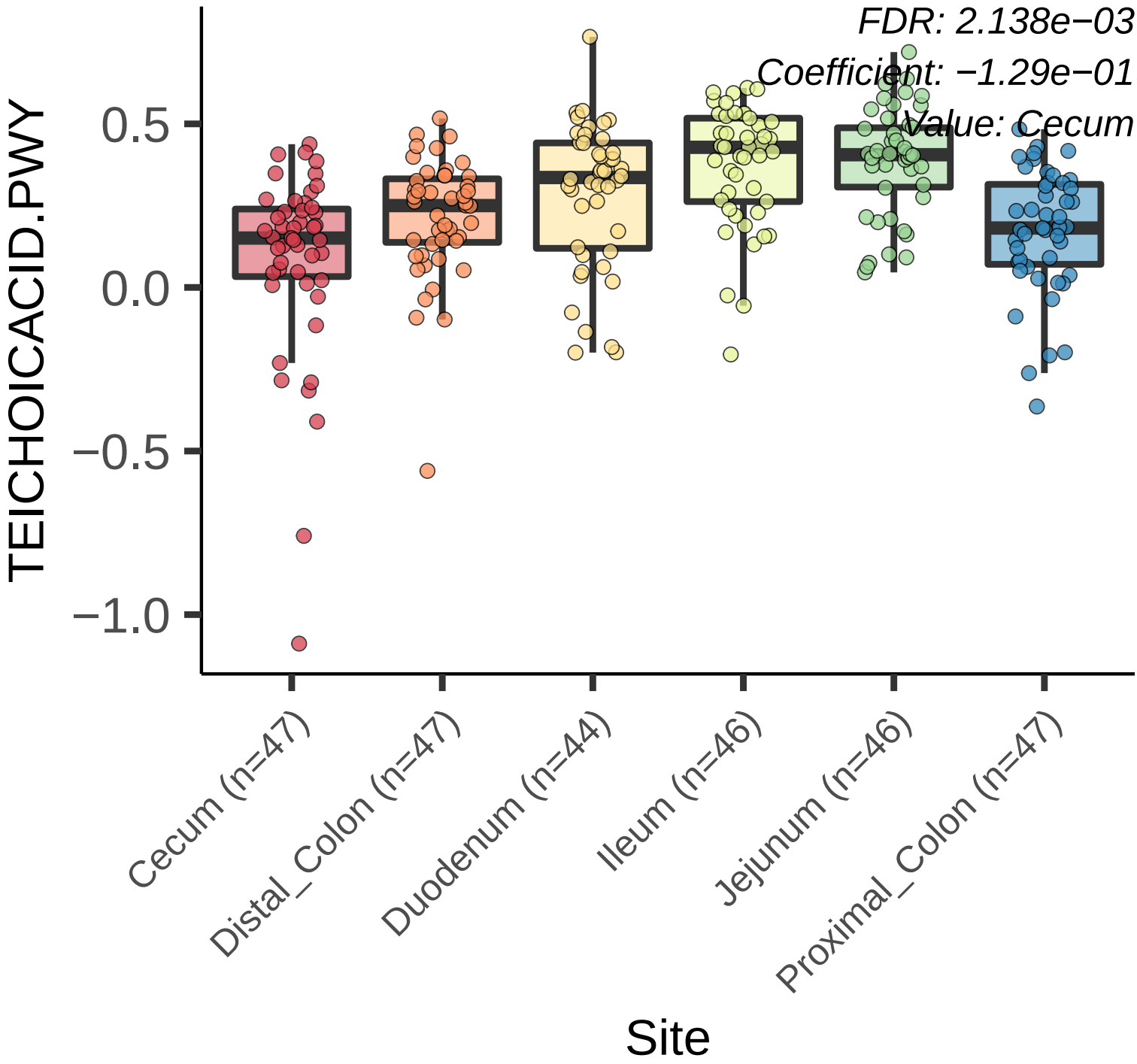
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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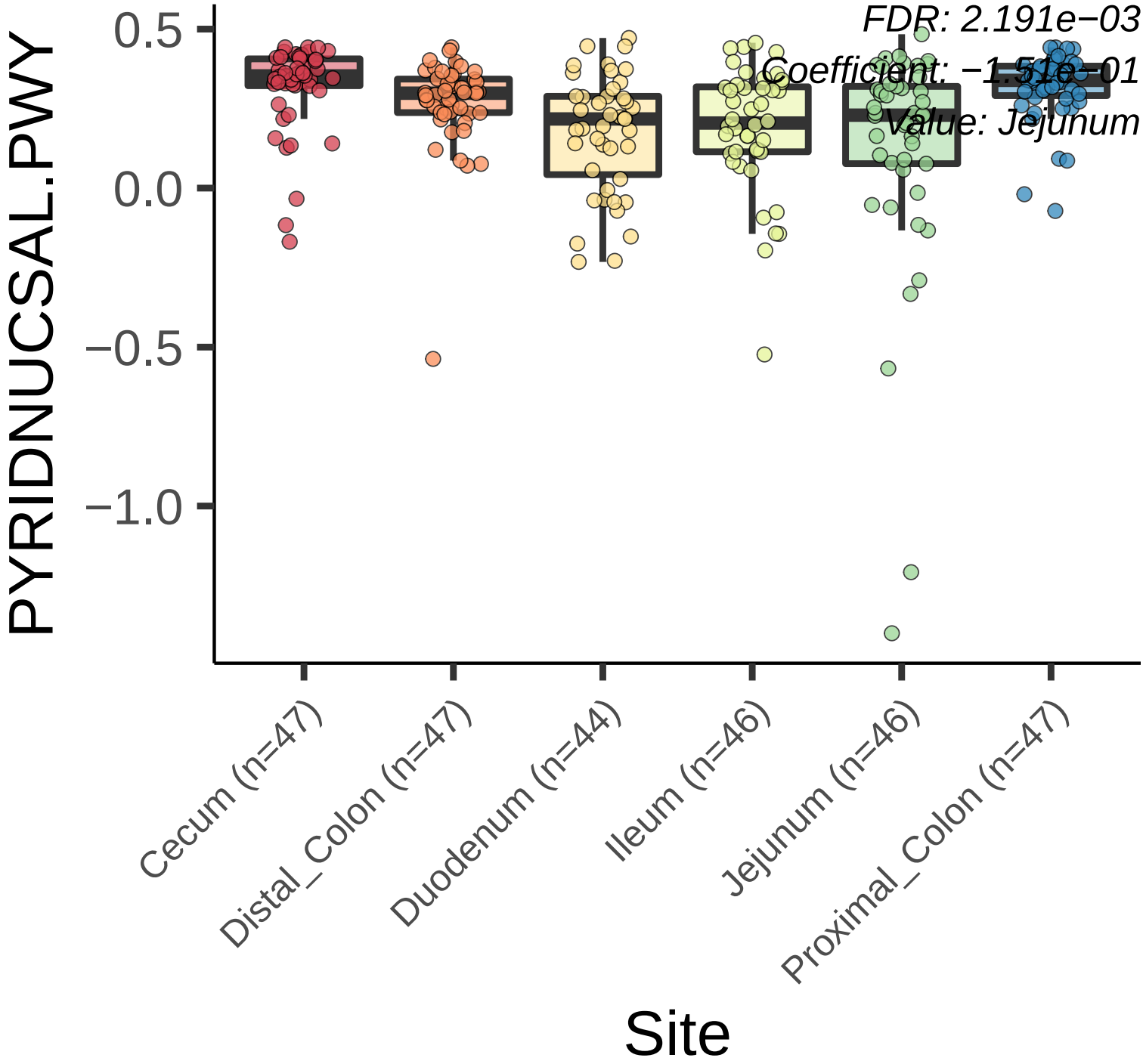
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1.0
Cecum (n=47)
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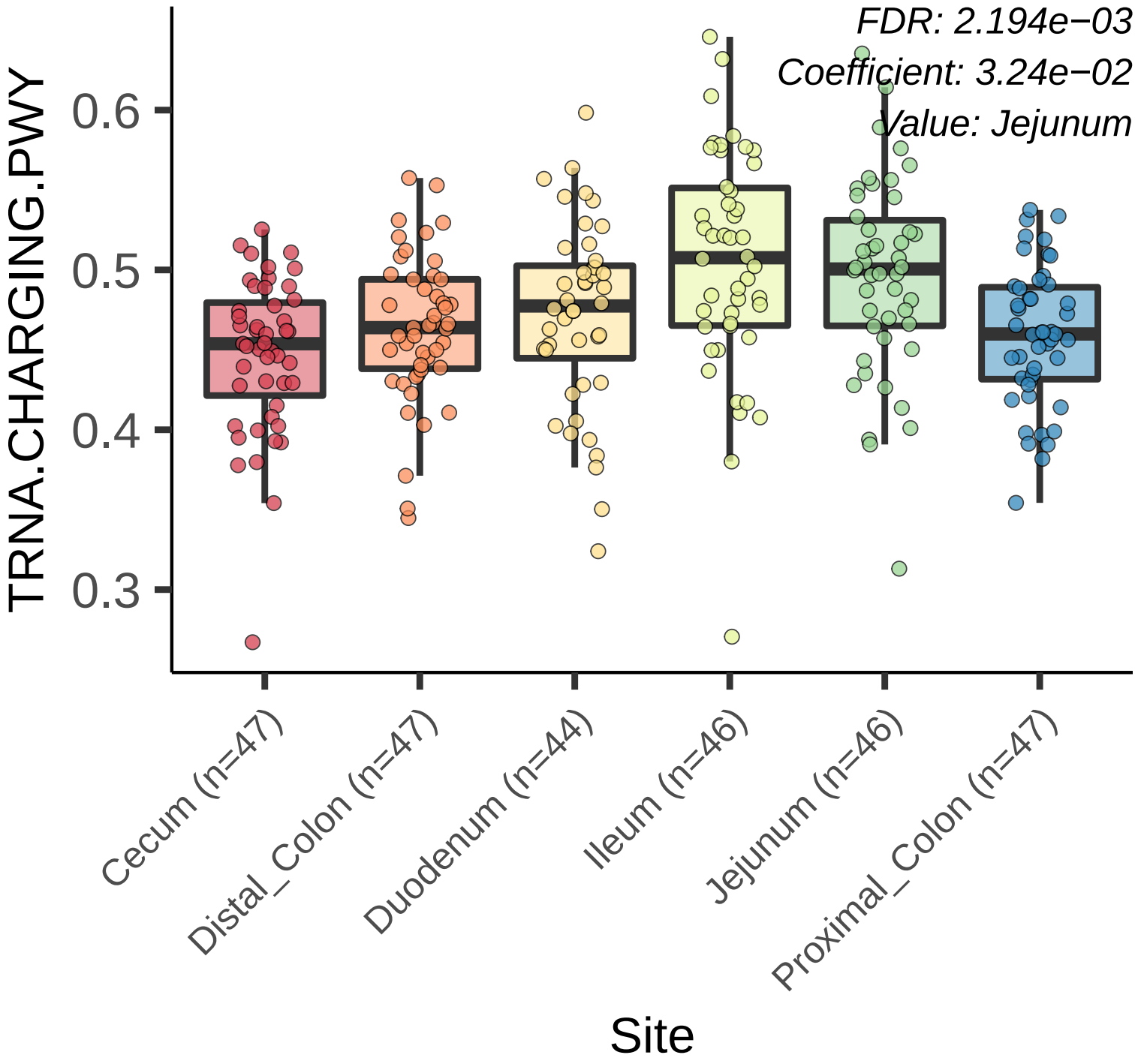
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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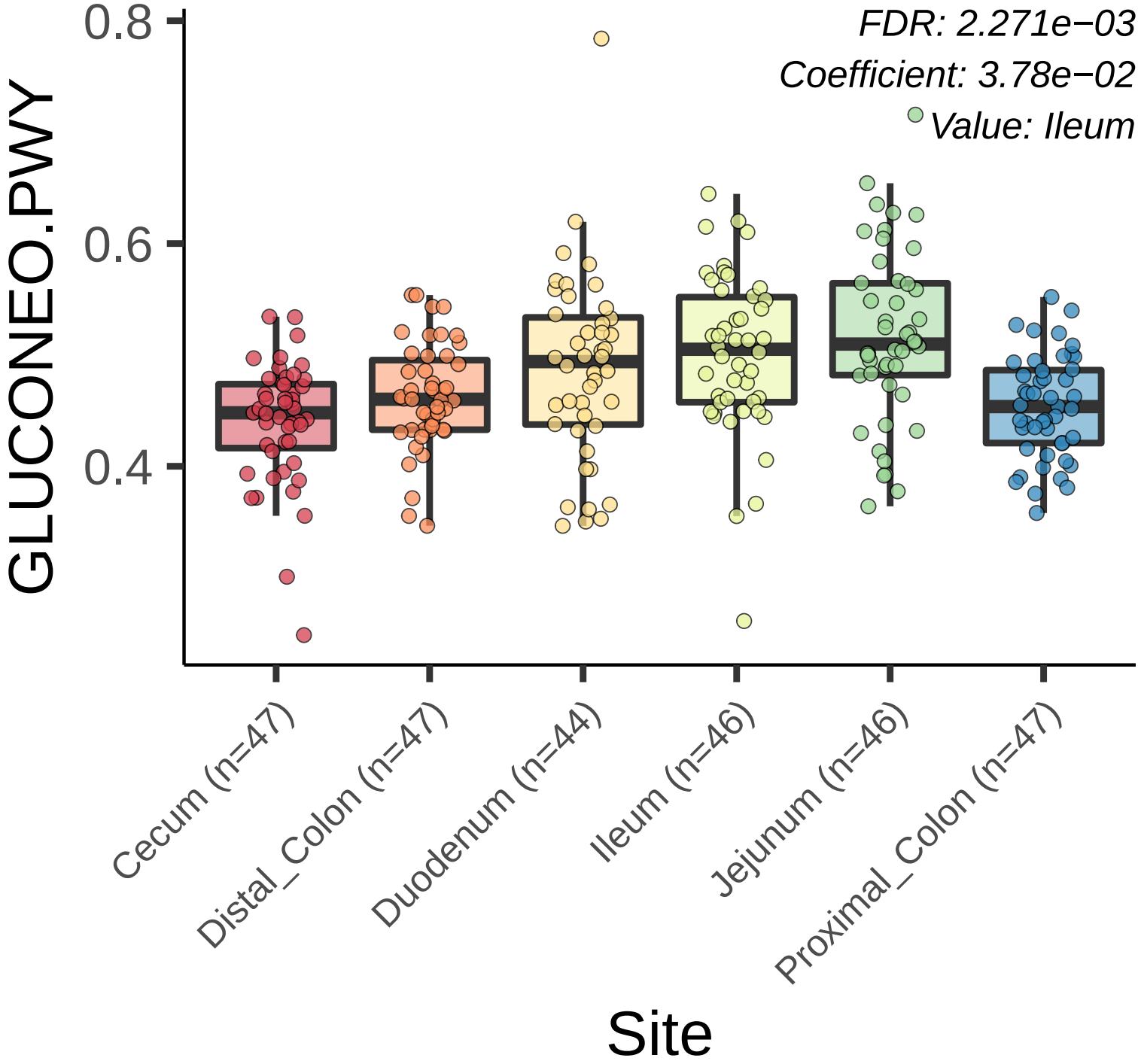
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
Cecum (n=47)
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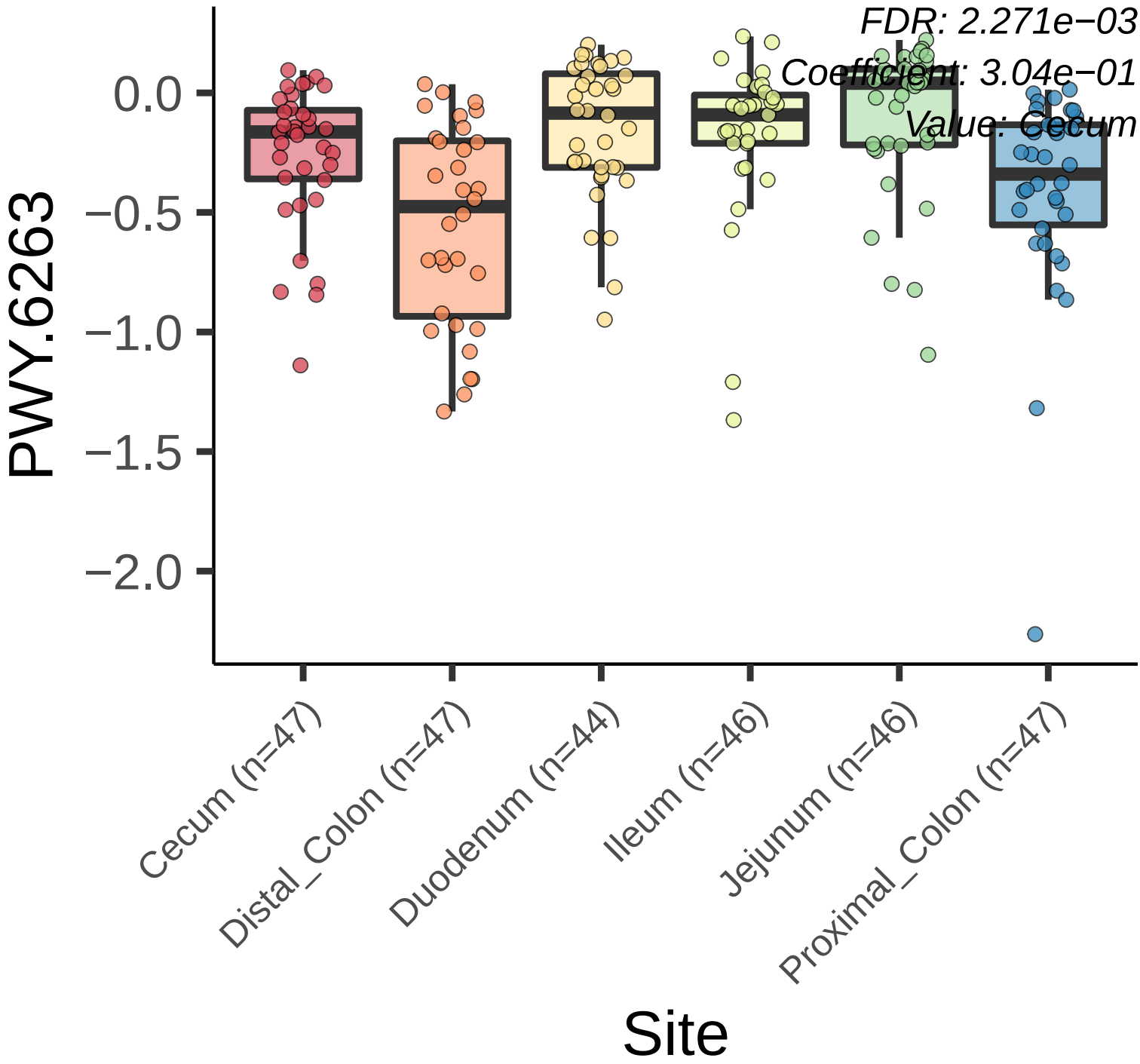
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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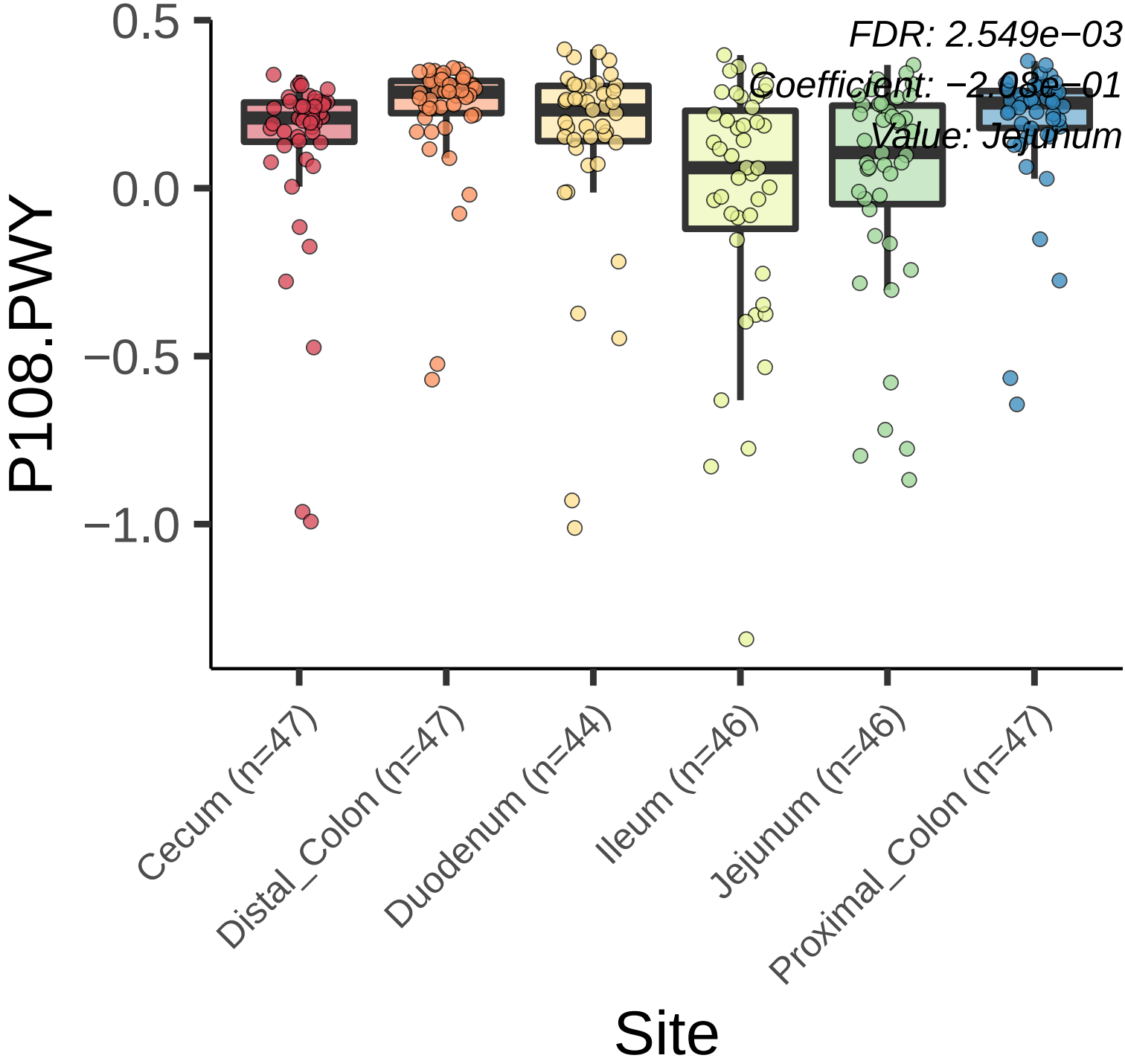
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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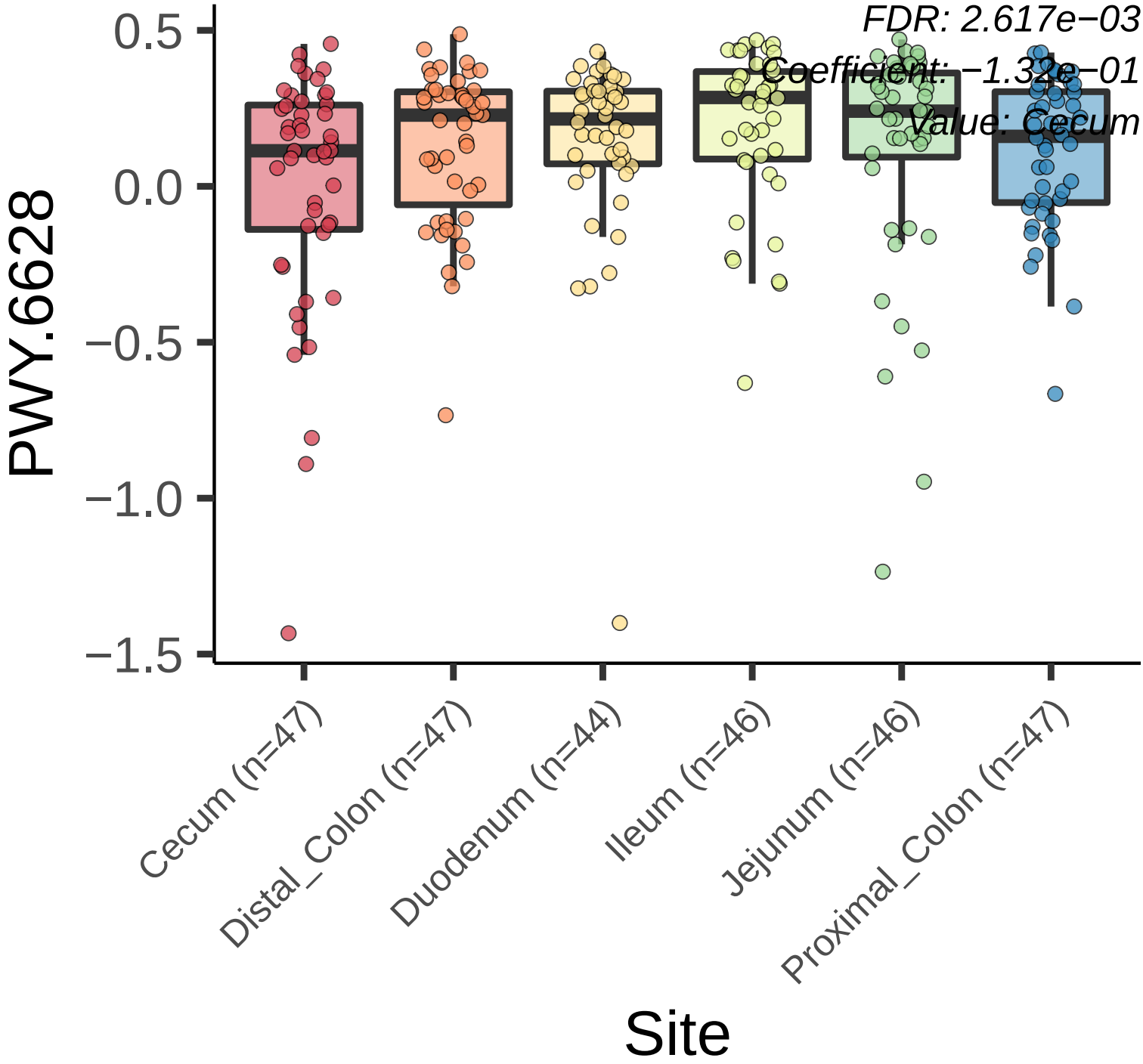
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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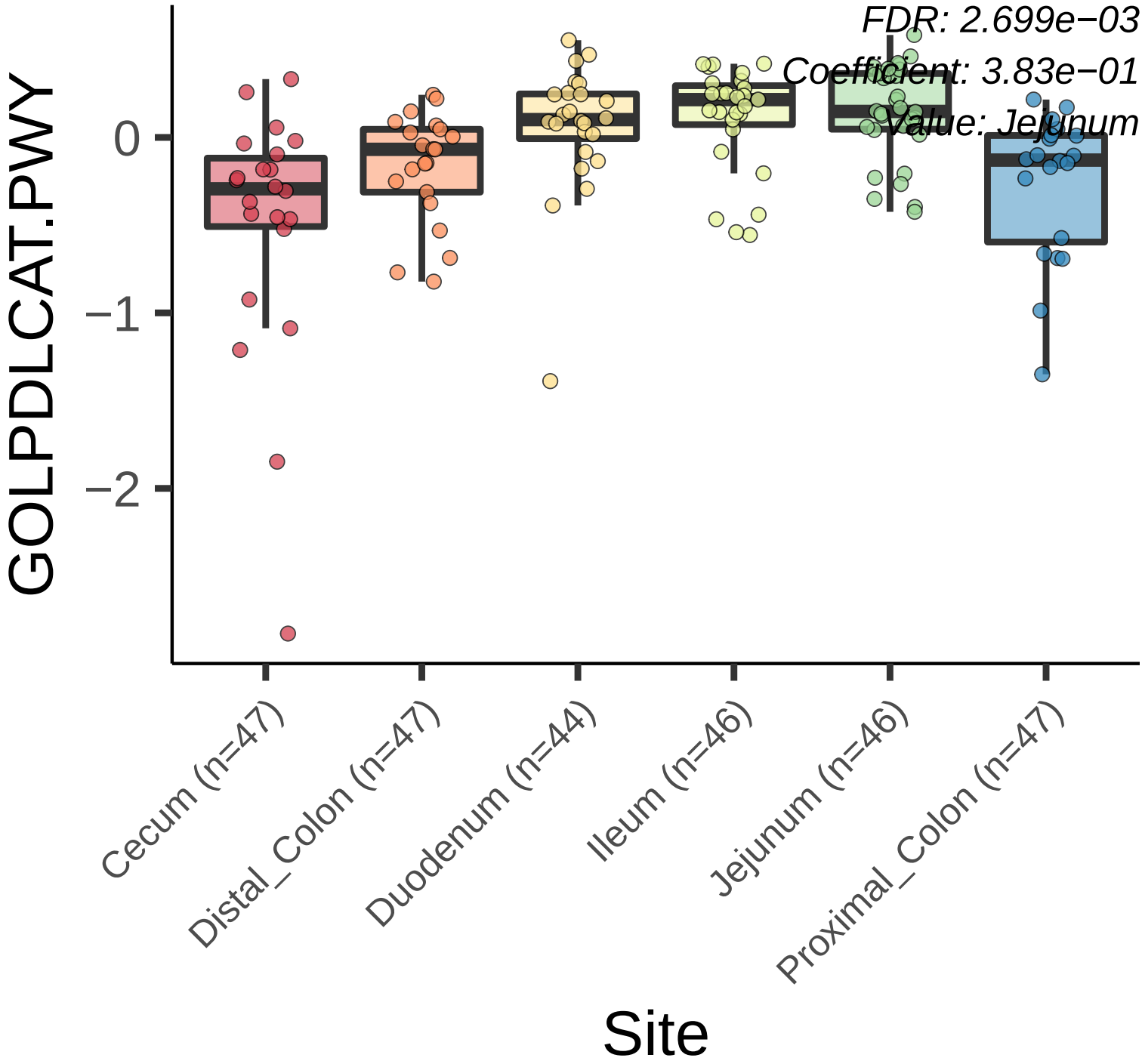
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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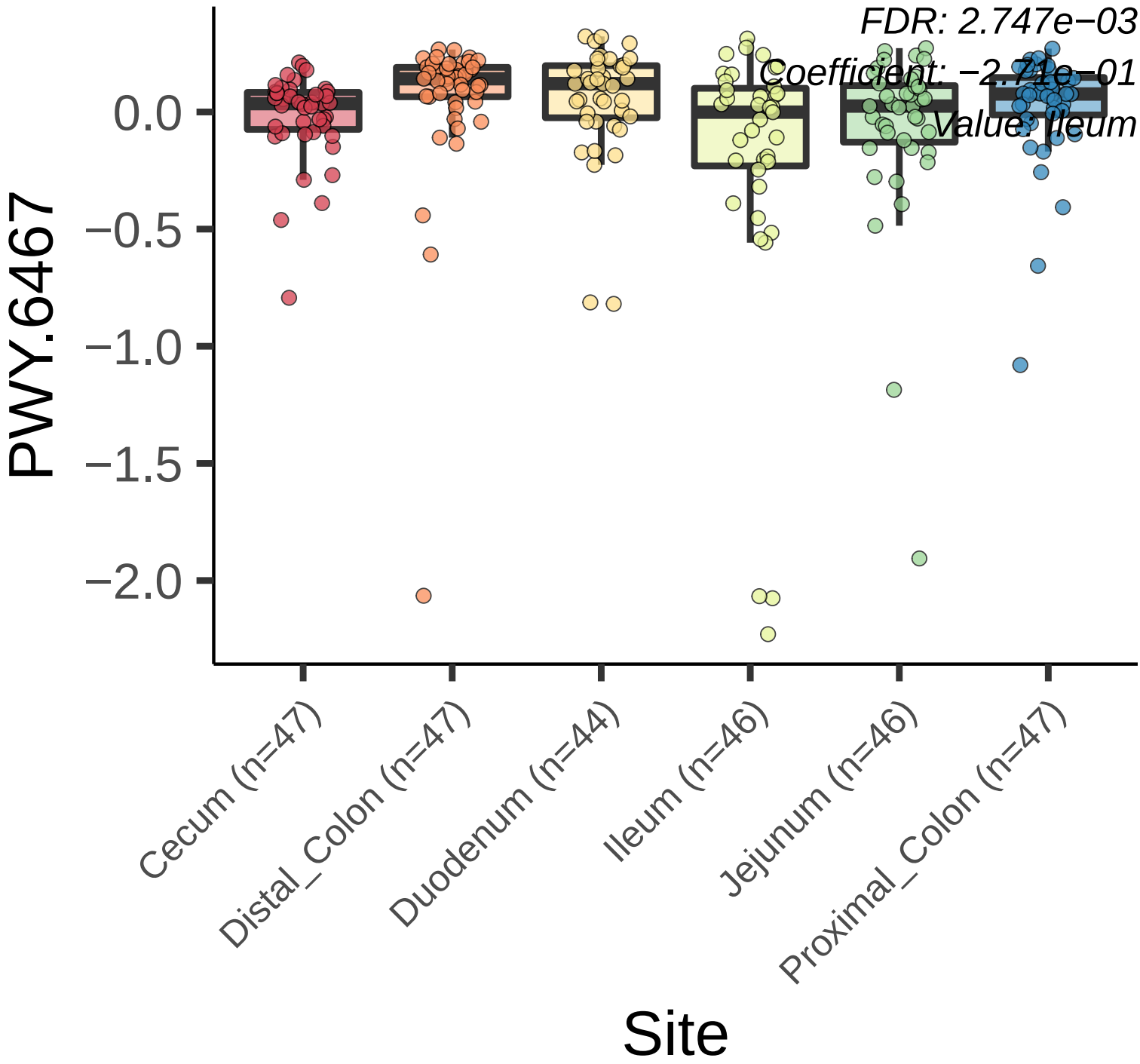
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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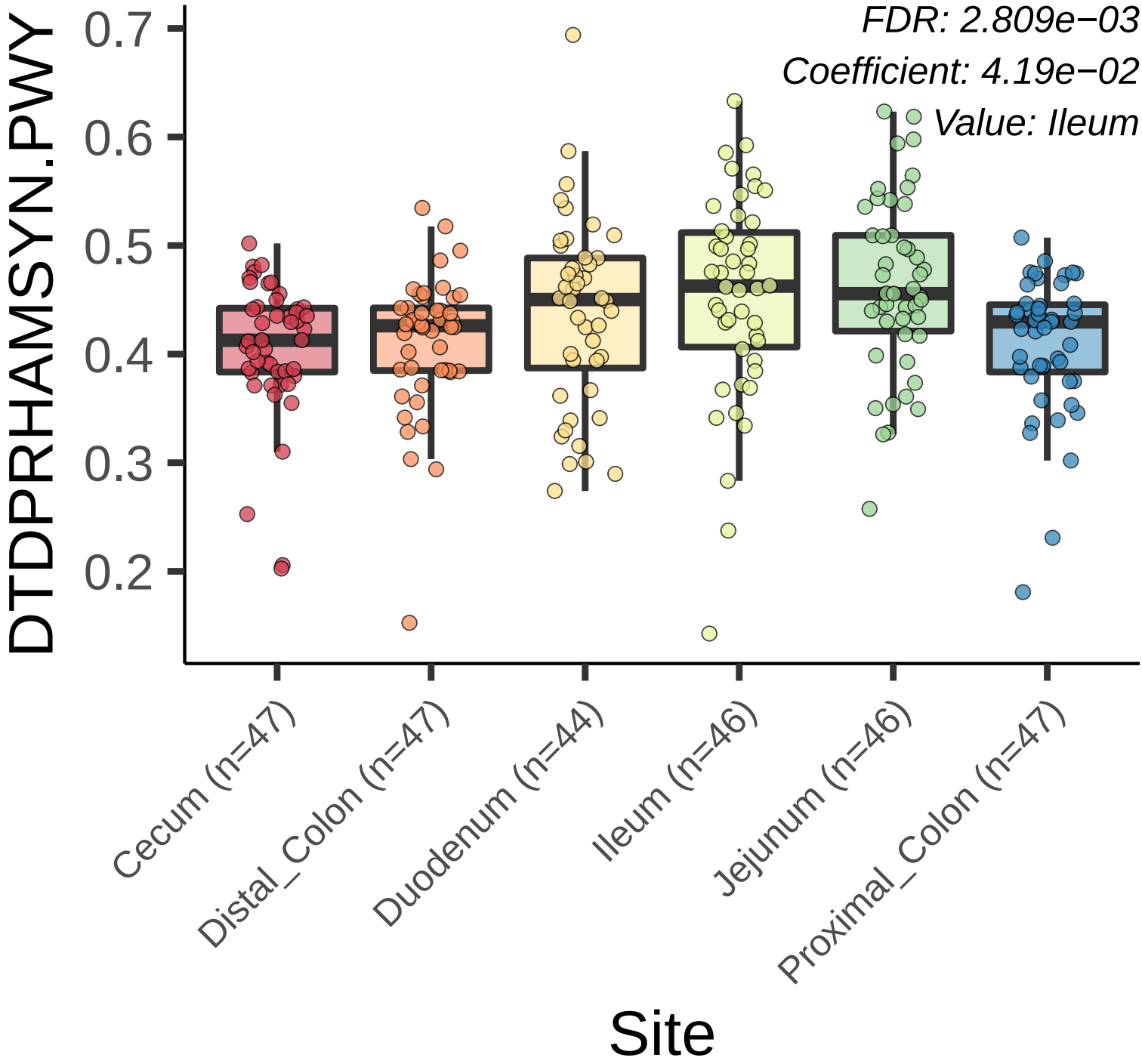
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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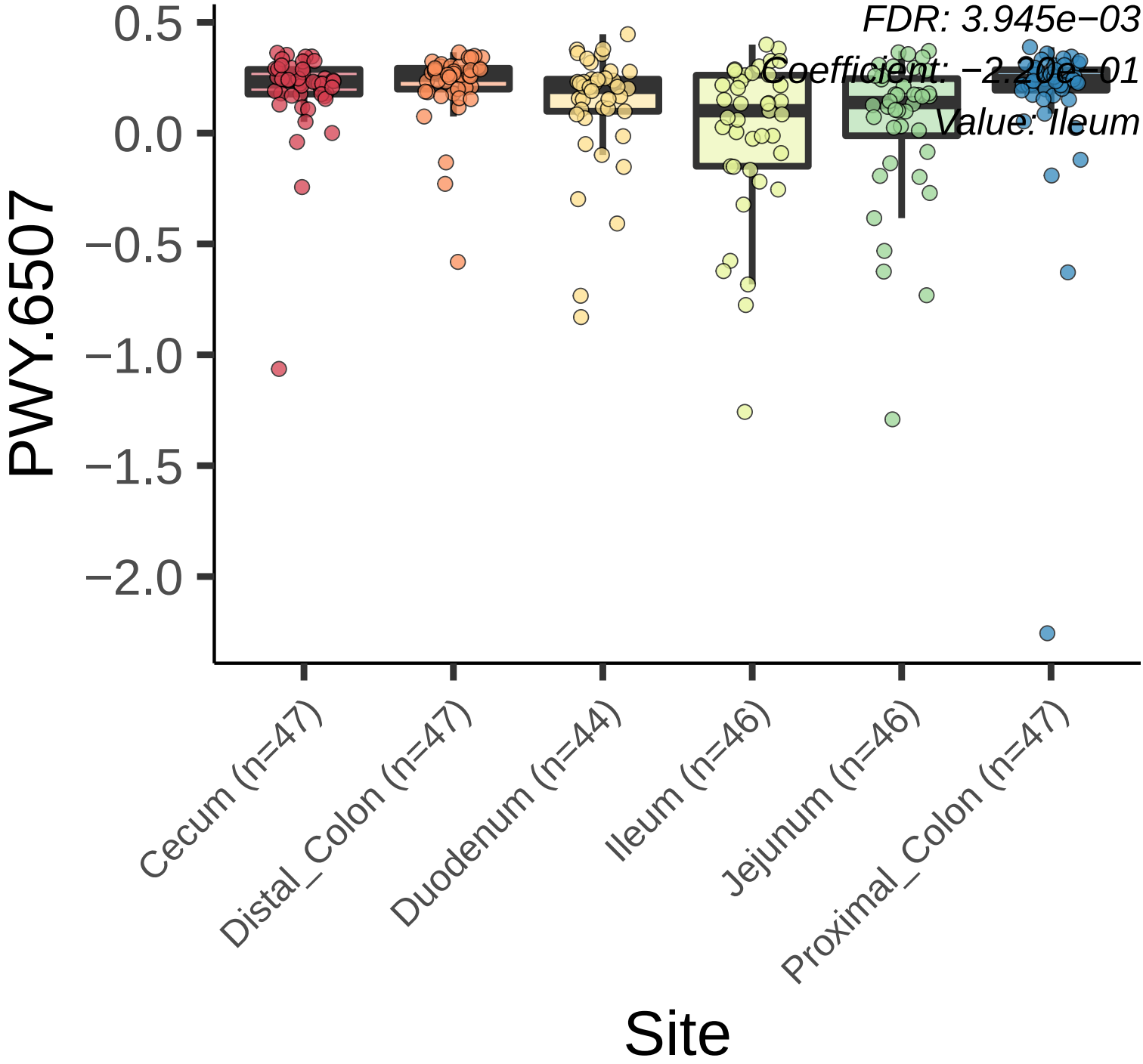
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −2.20e−01
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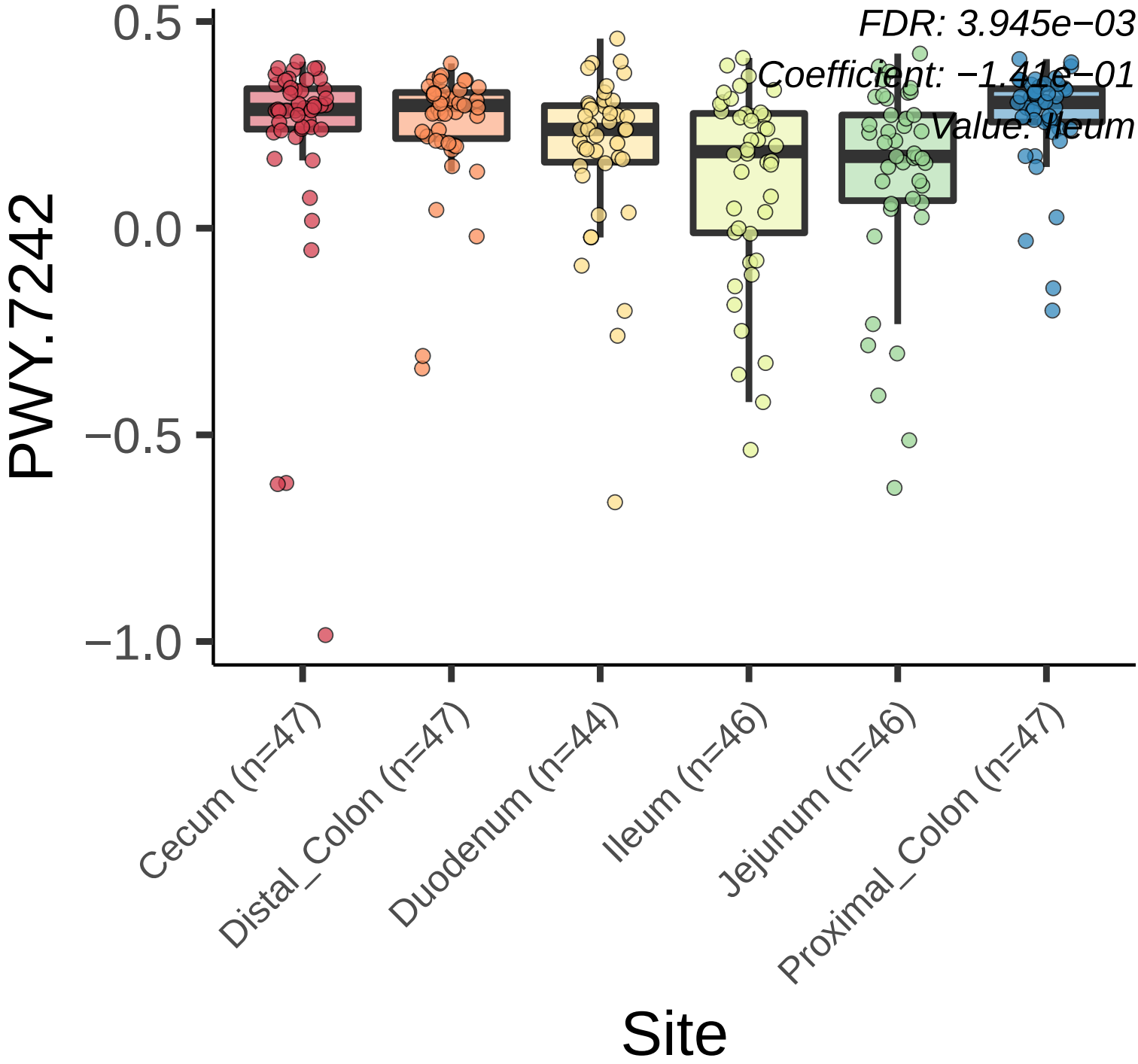
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.41e−01
Value: Ileum
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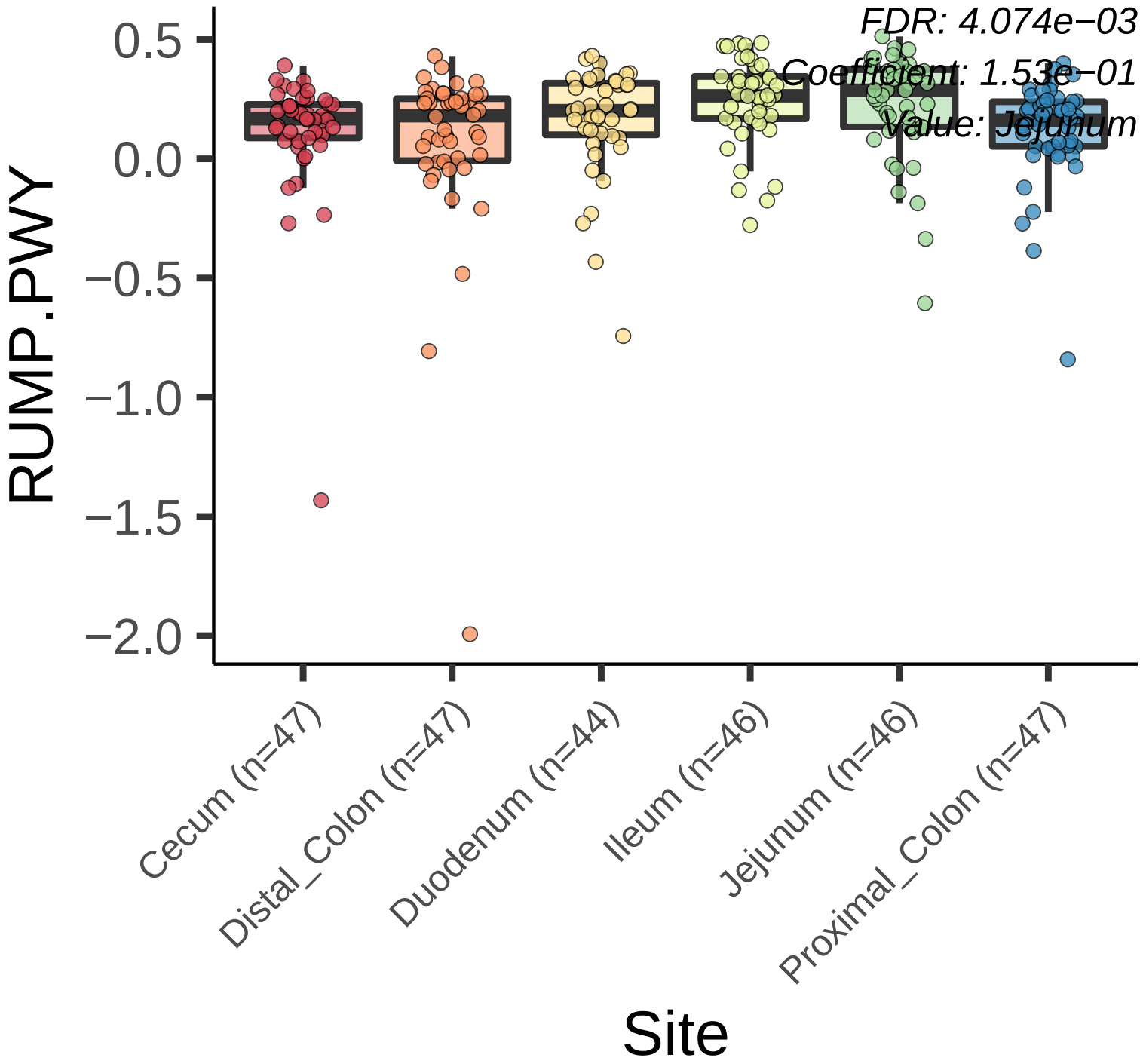
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.074e−03
Coefficient: 1.53e−01
Value: Jejunum
RUMP.PWY
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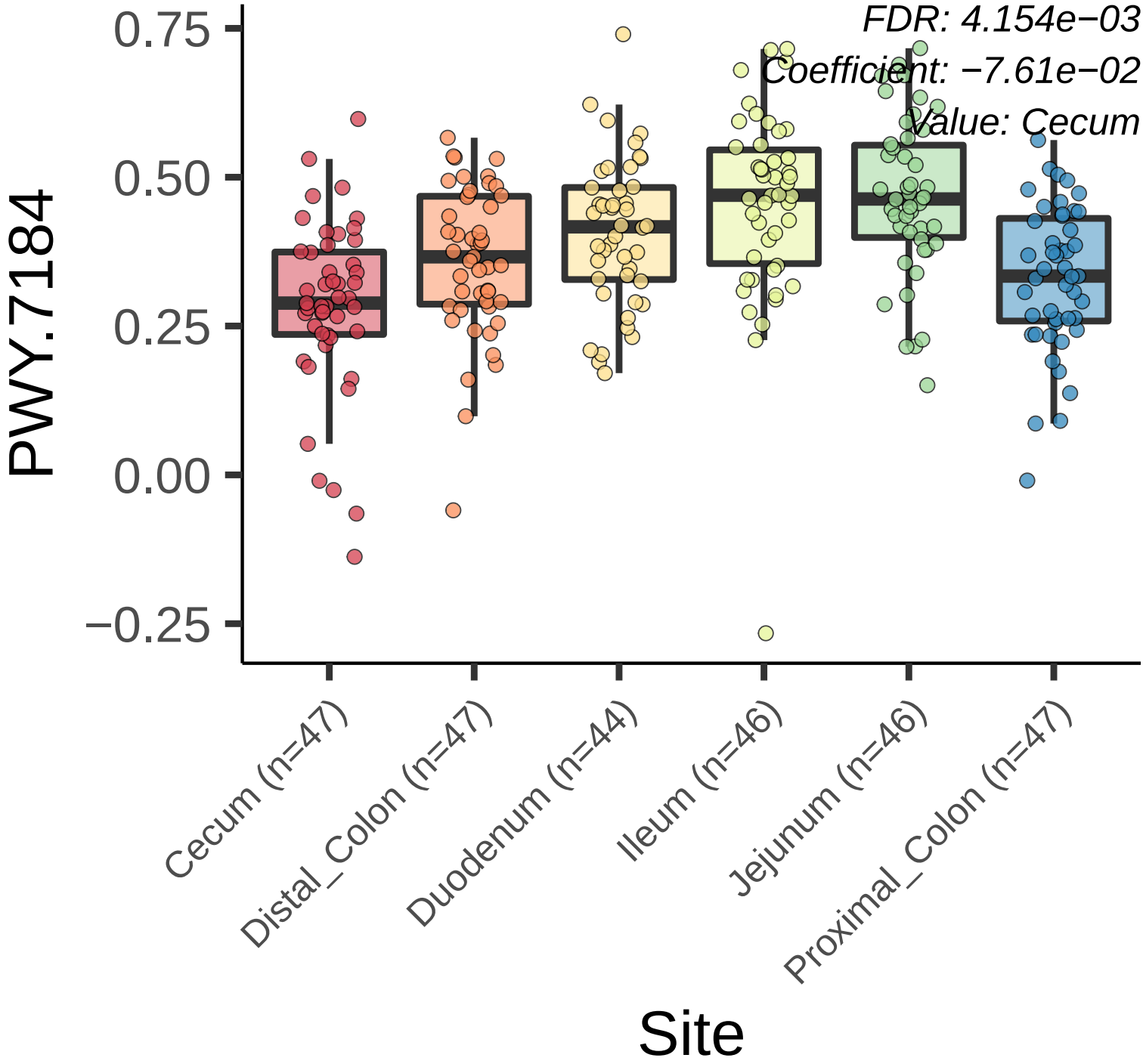
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −7.61e−02
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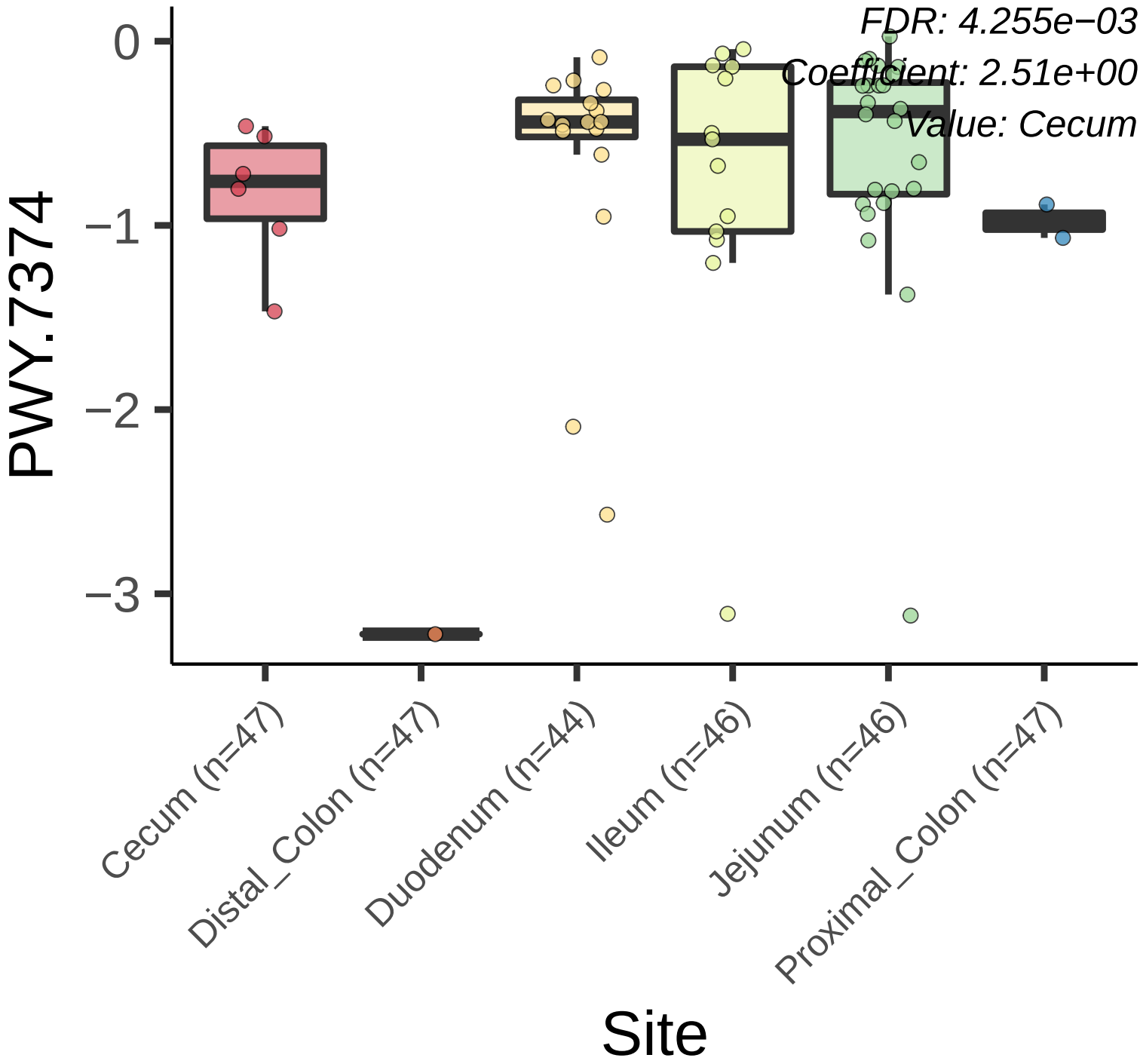
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.51e+00
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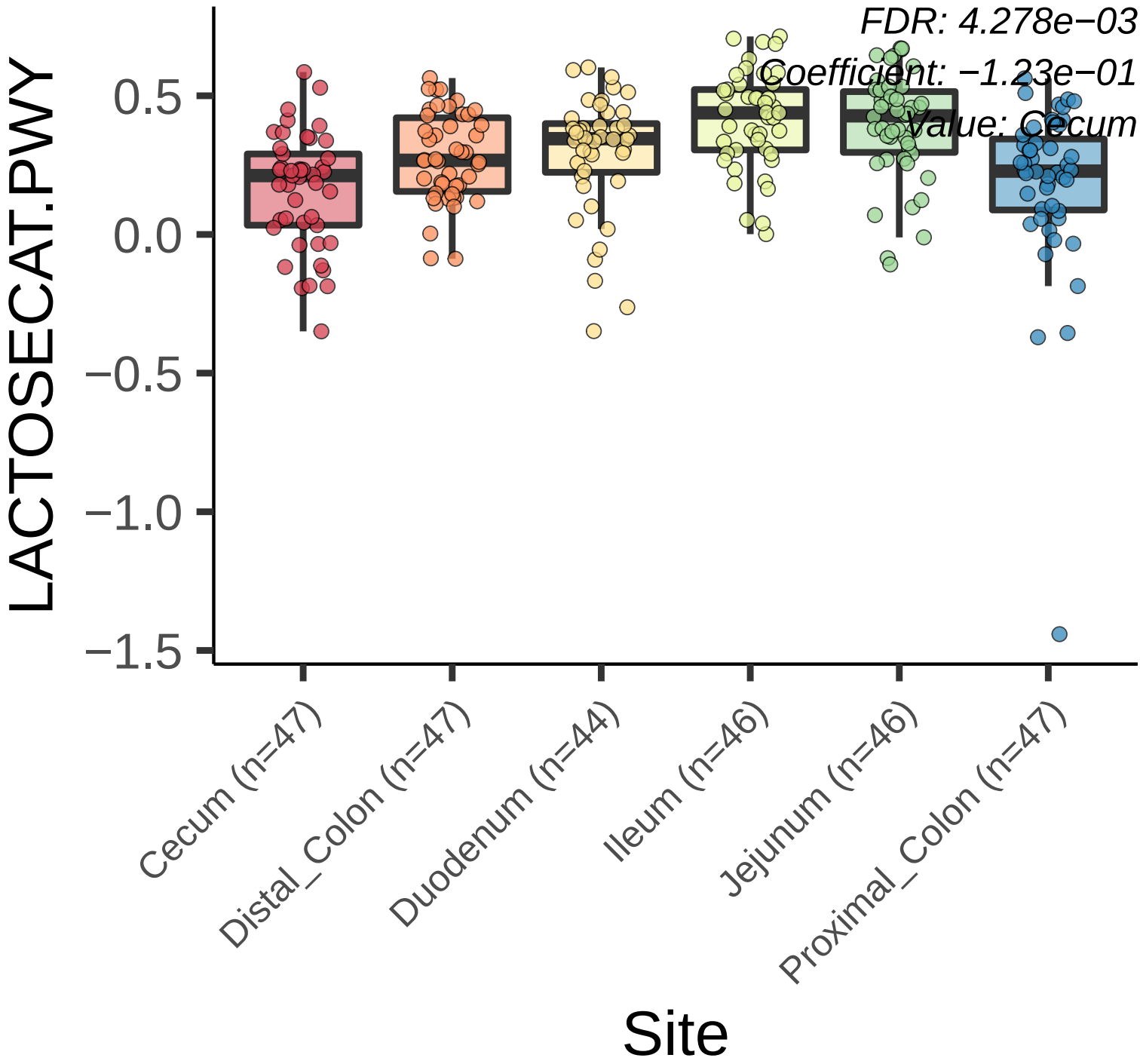
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.23e−01
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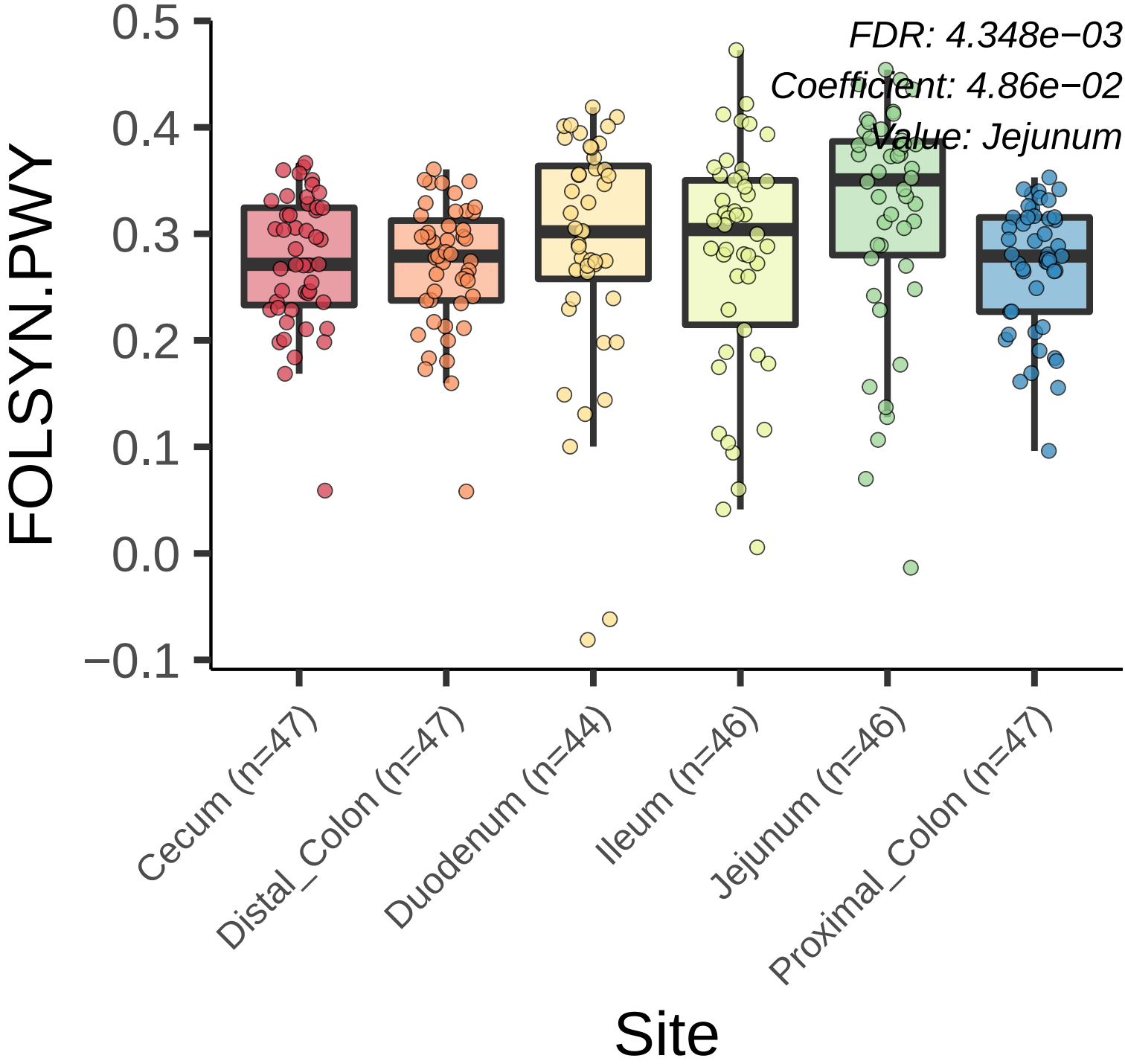
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.348e−03
Coefficient: 4.86e−02
Value: Jejunum
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0.4
0.3
0.2
0.1
0.0
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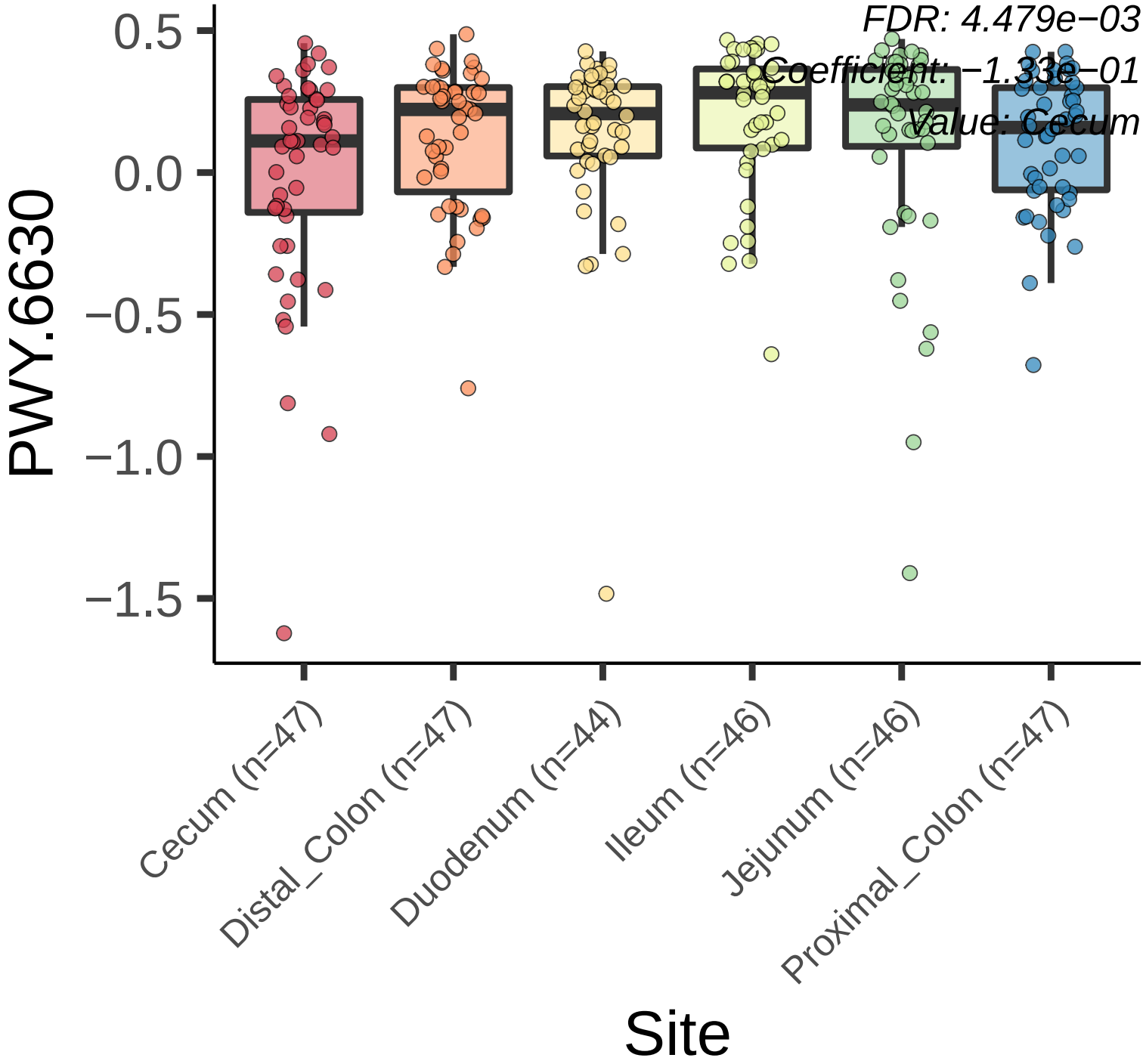
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.33e−01
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PWY.6630
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−1.0
−1.5
Cecum (n=47)
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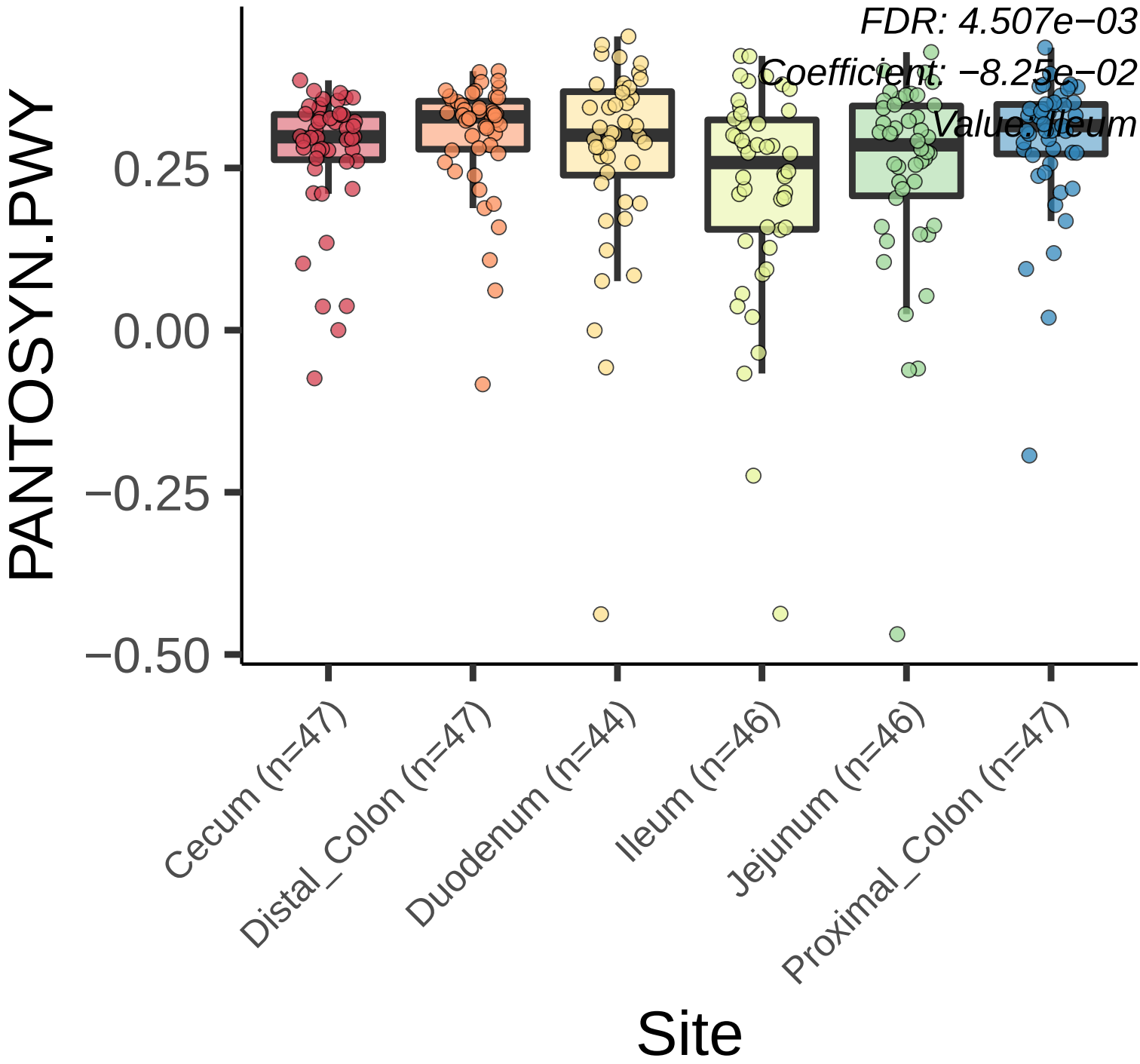
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −8.25e−02
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Cecum (n=47)
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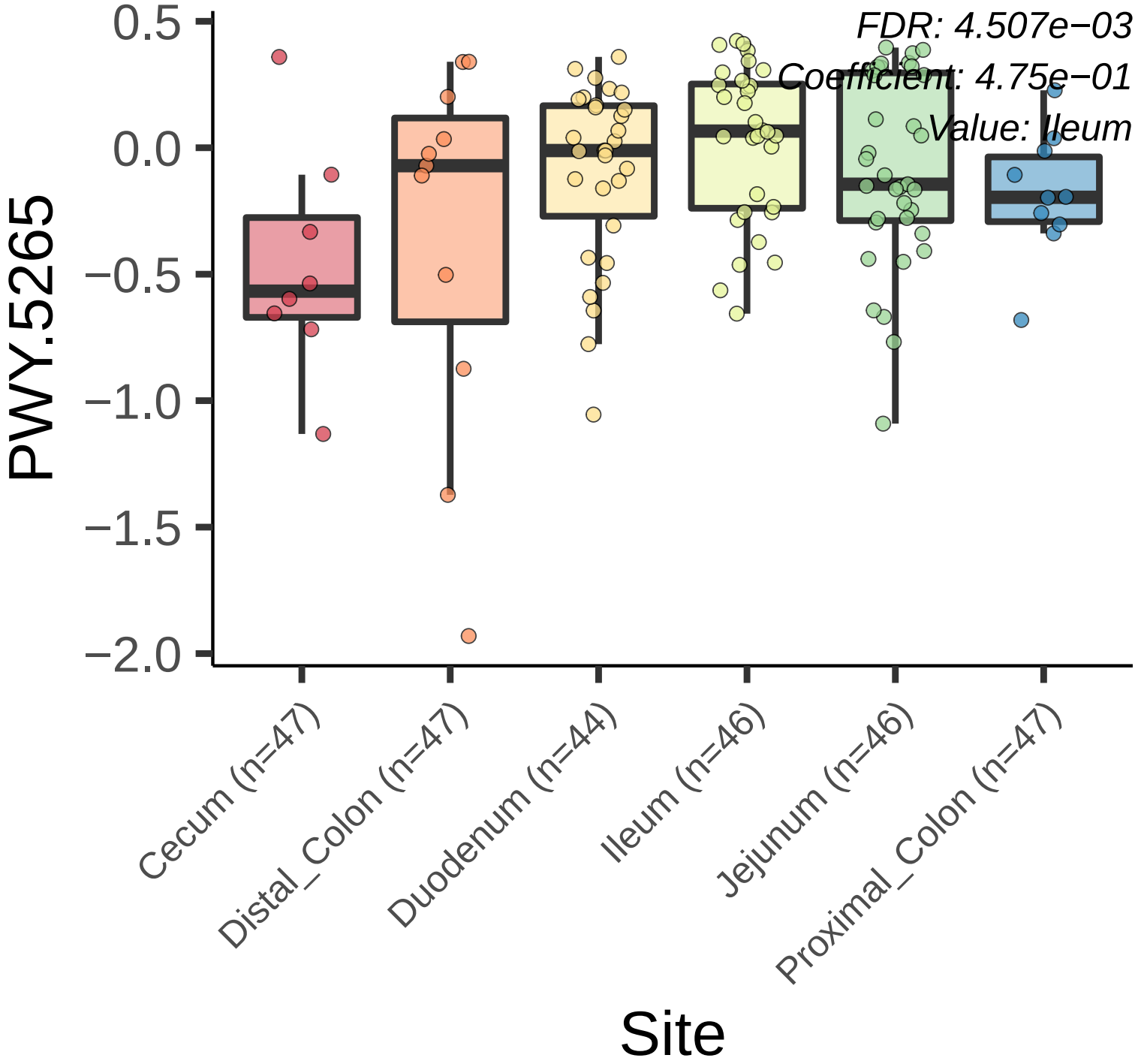
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 4.75e−01
Value: Ileum
PWY.5265
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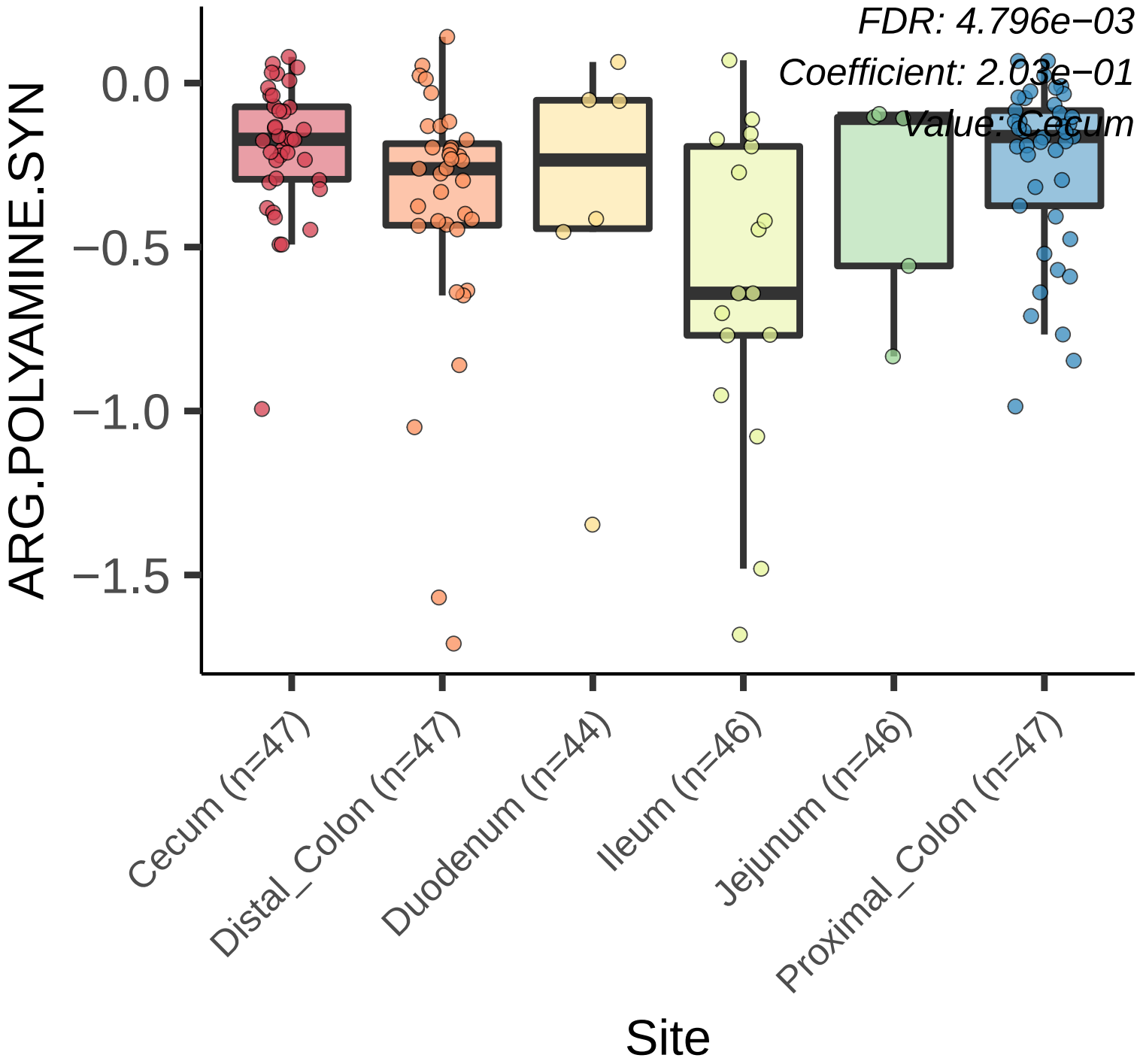
0.0
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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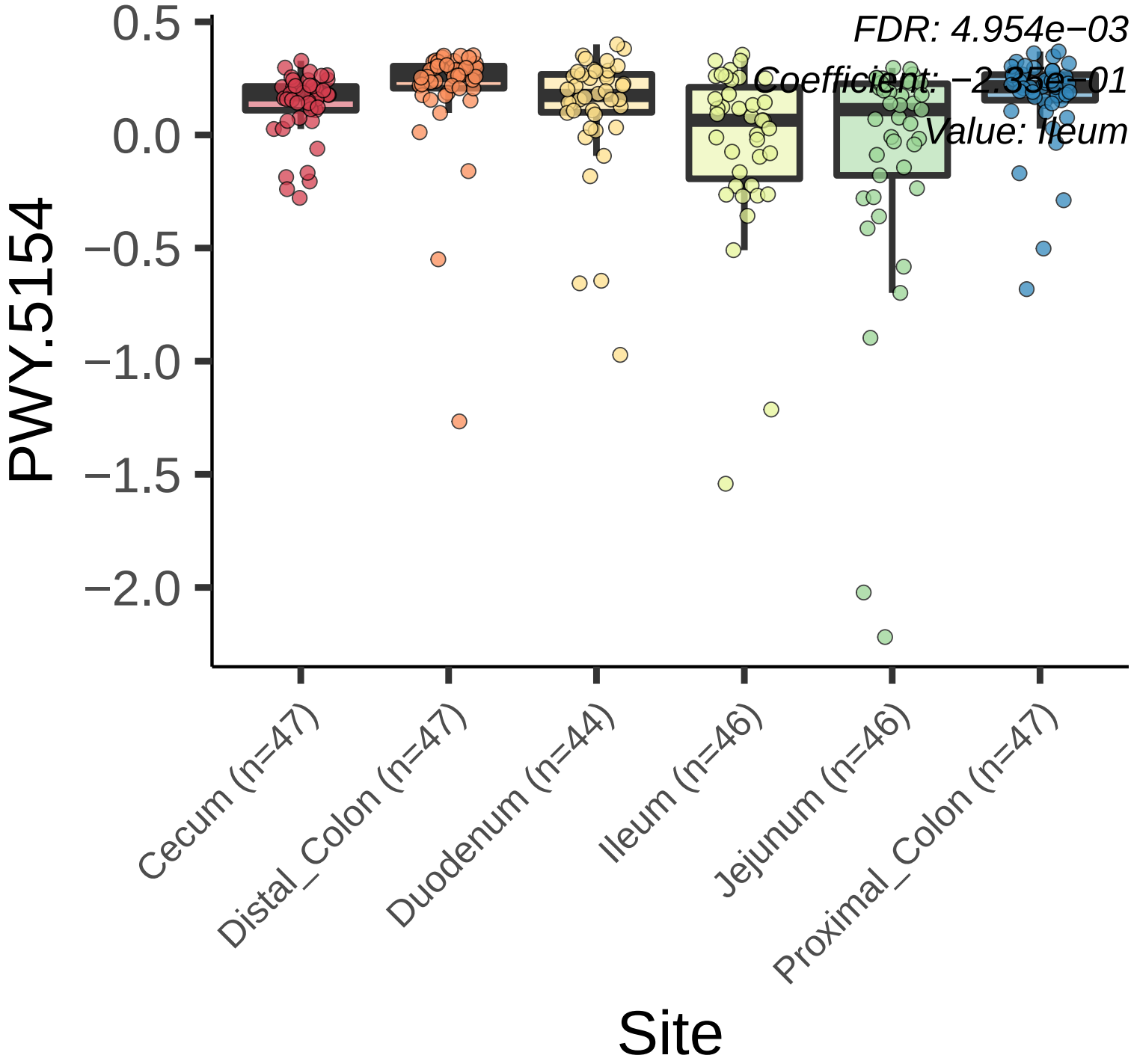
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −2.35e−01
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−2.0
Cecum (n=47)
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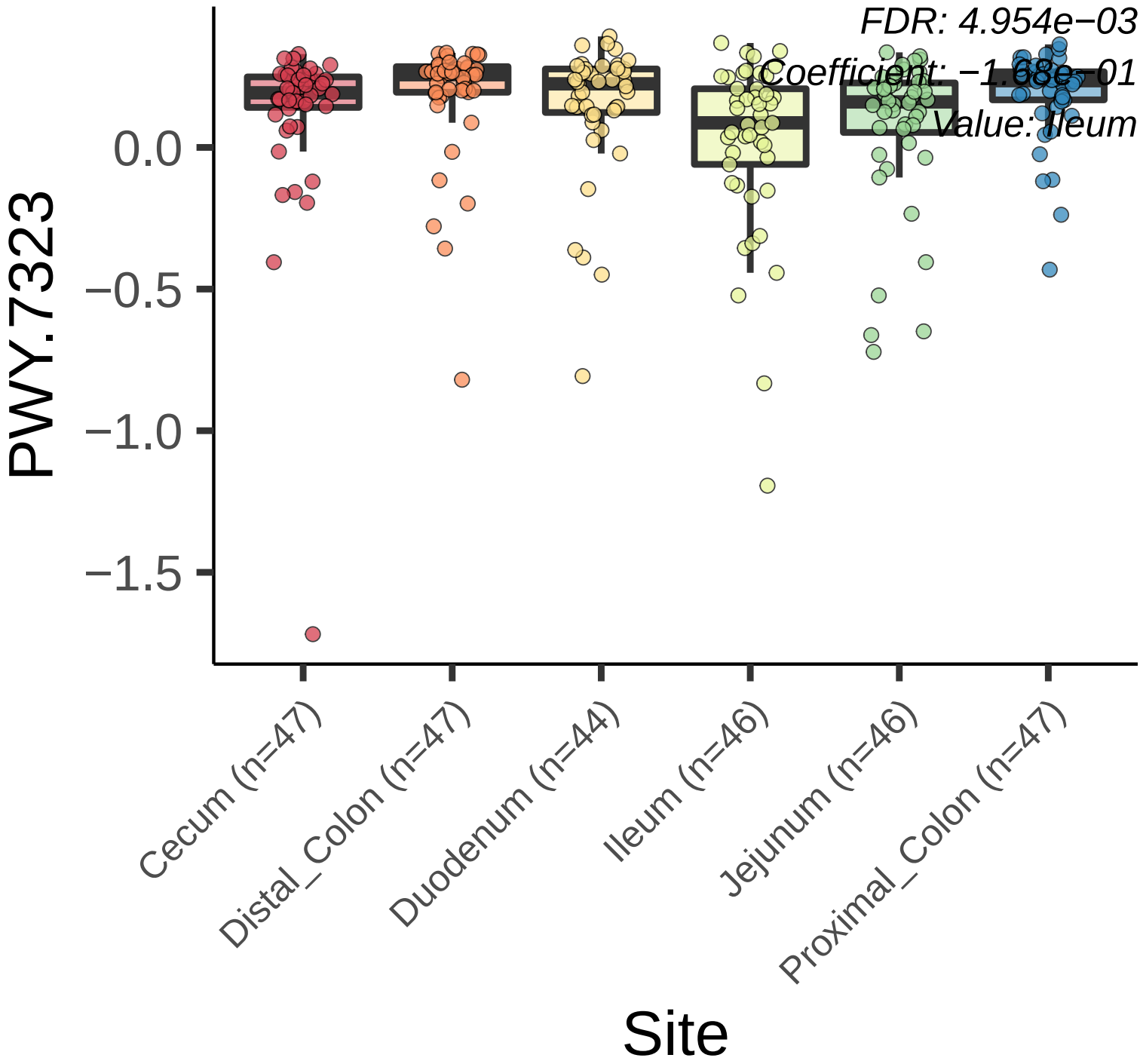
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.68e−01
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−1.5
Cecum (n=47)
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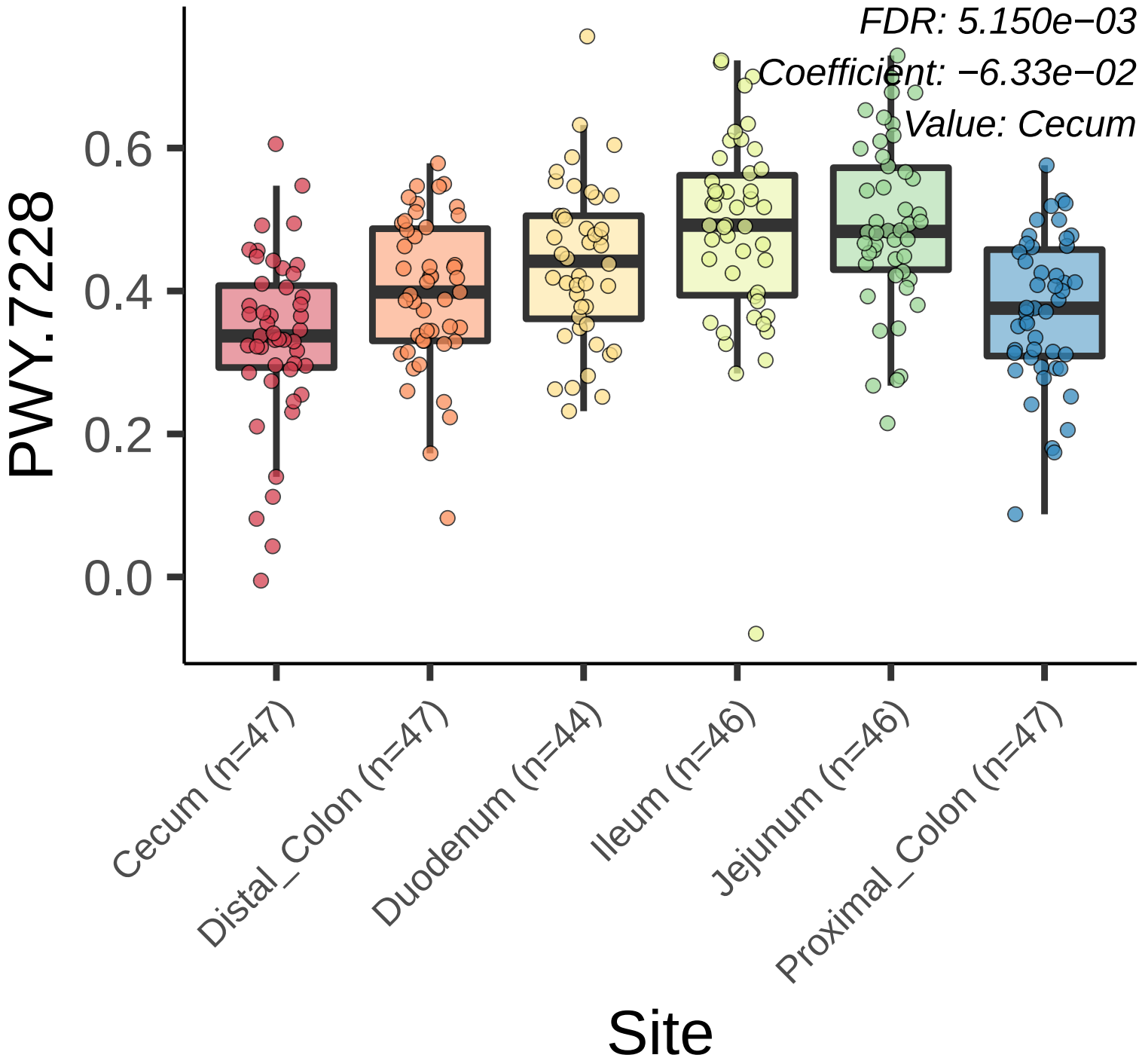
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −6.33e−02
Value: Cecum
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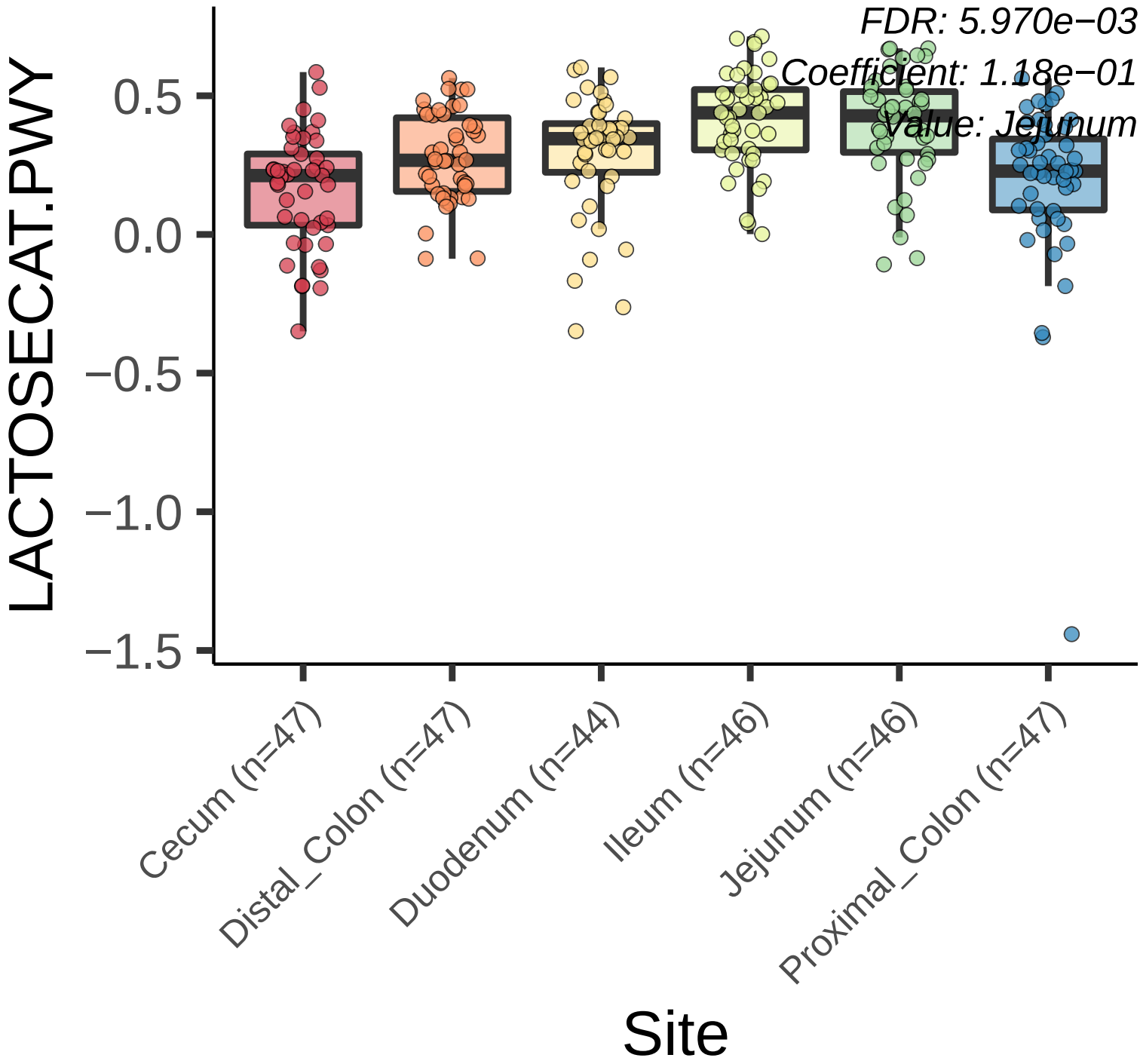
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.18e−01
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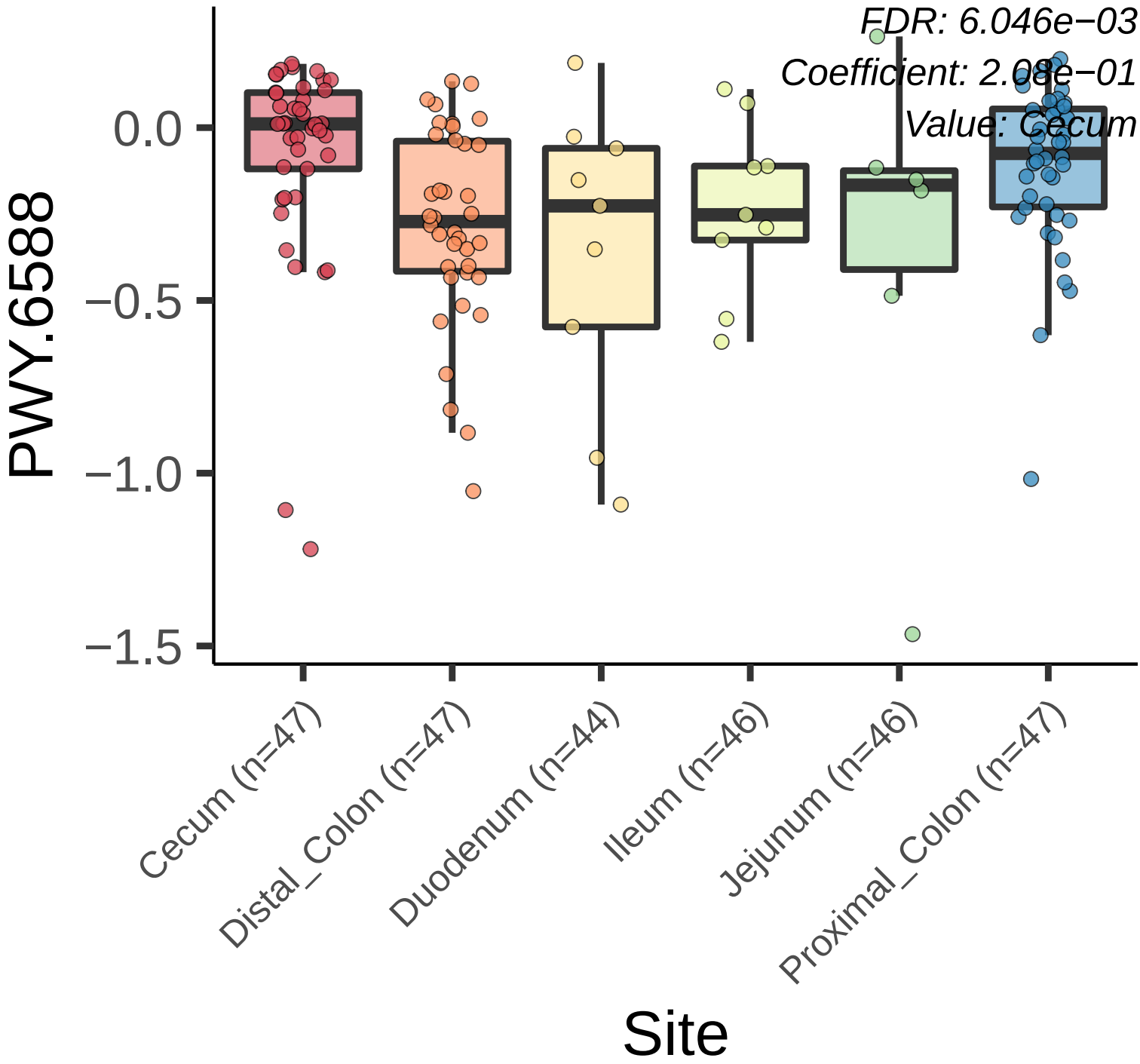
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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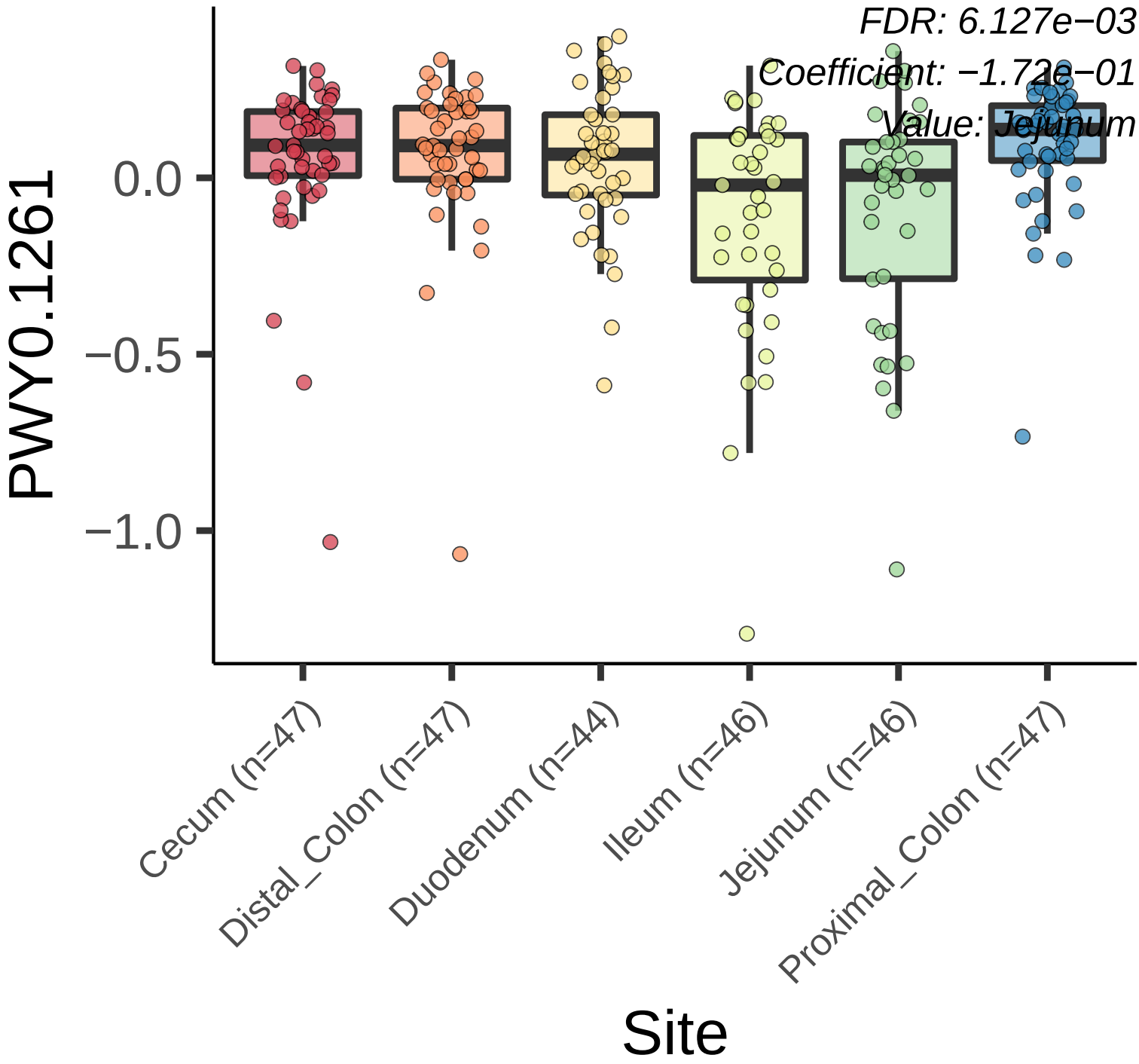
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.127e−03
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Value: Jejunum
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Cecum (n=47)
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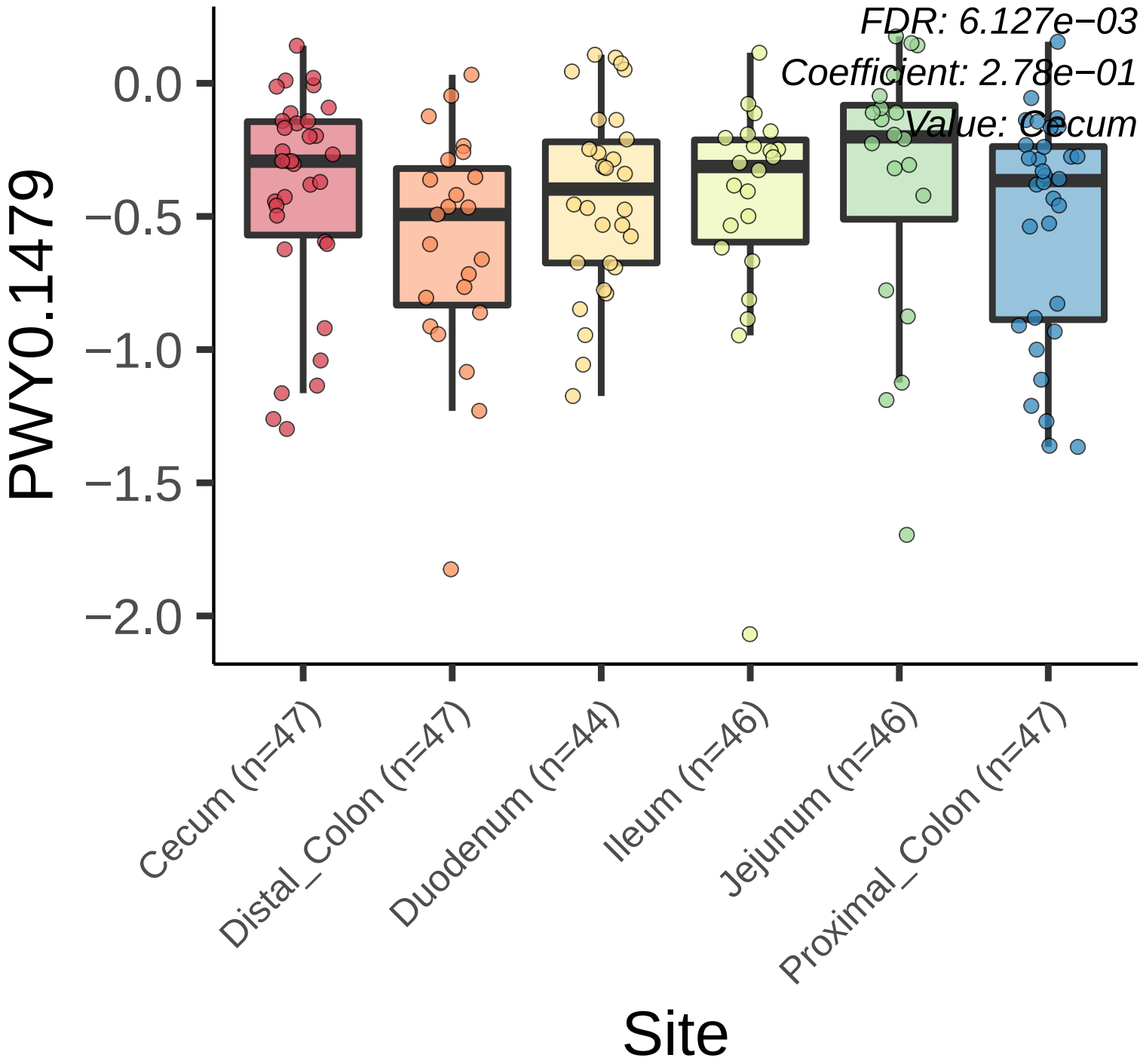
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.78e−01
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Cecum (n=47)
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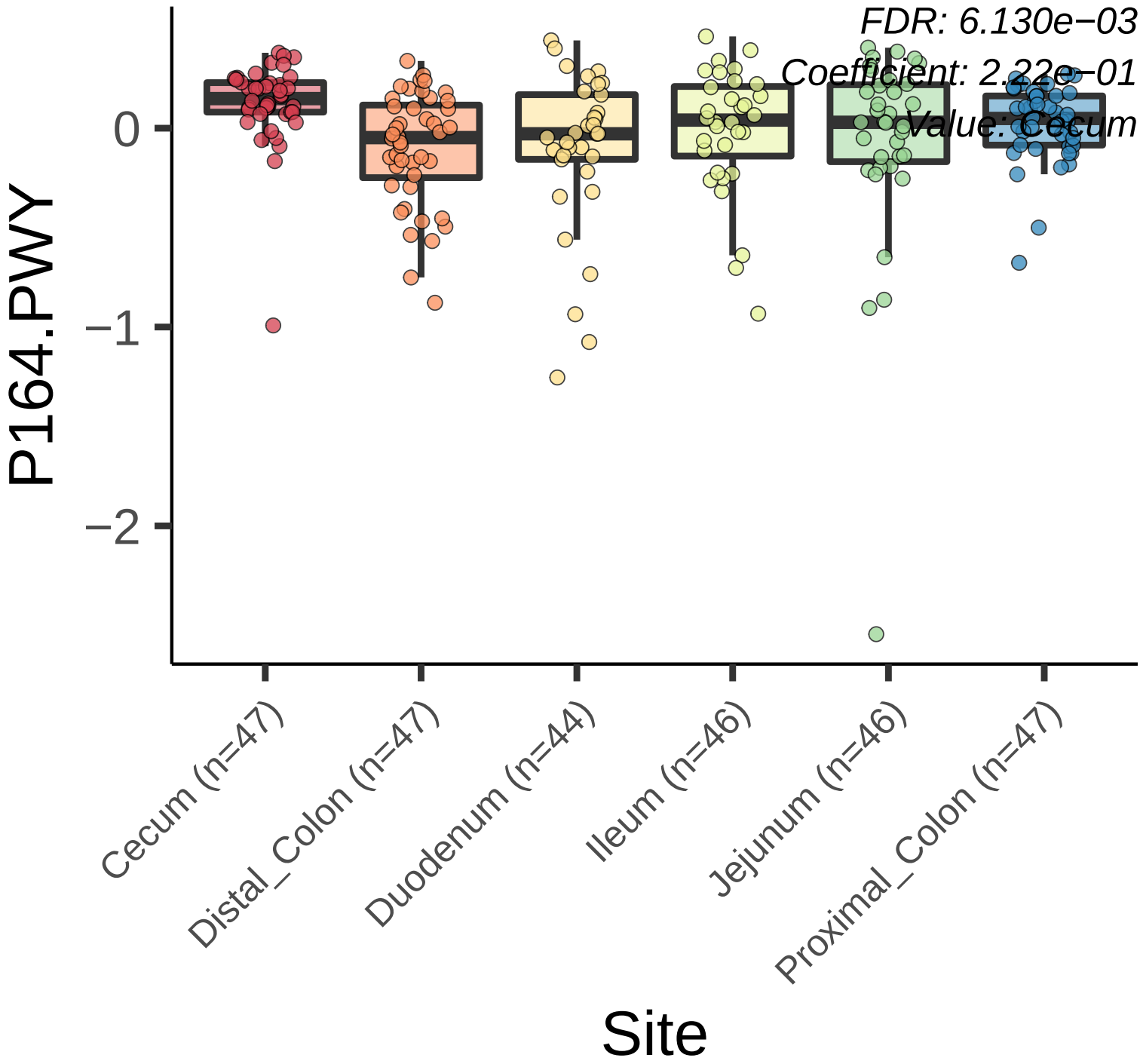
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.22e−01
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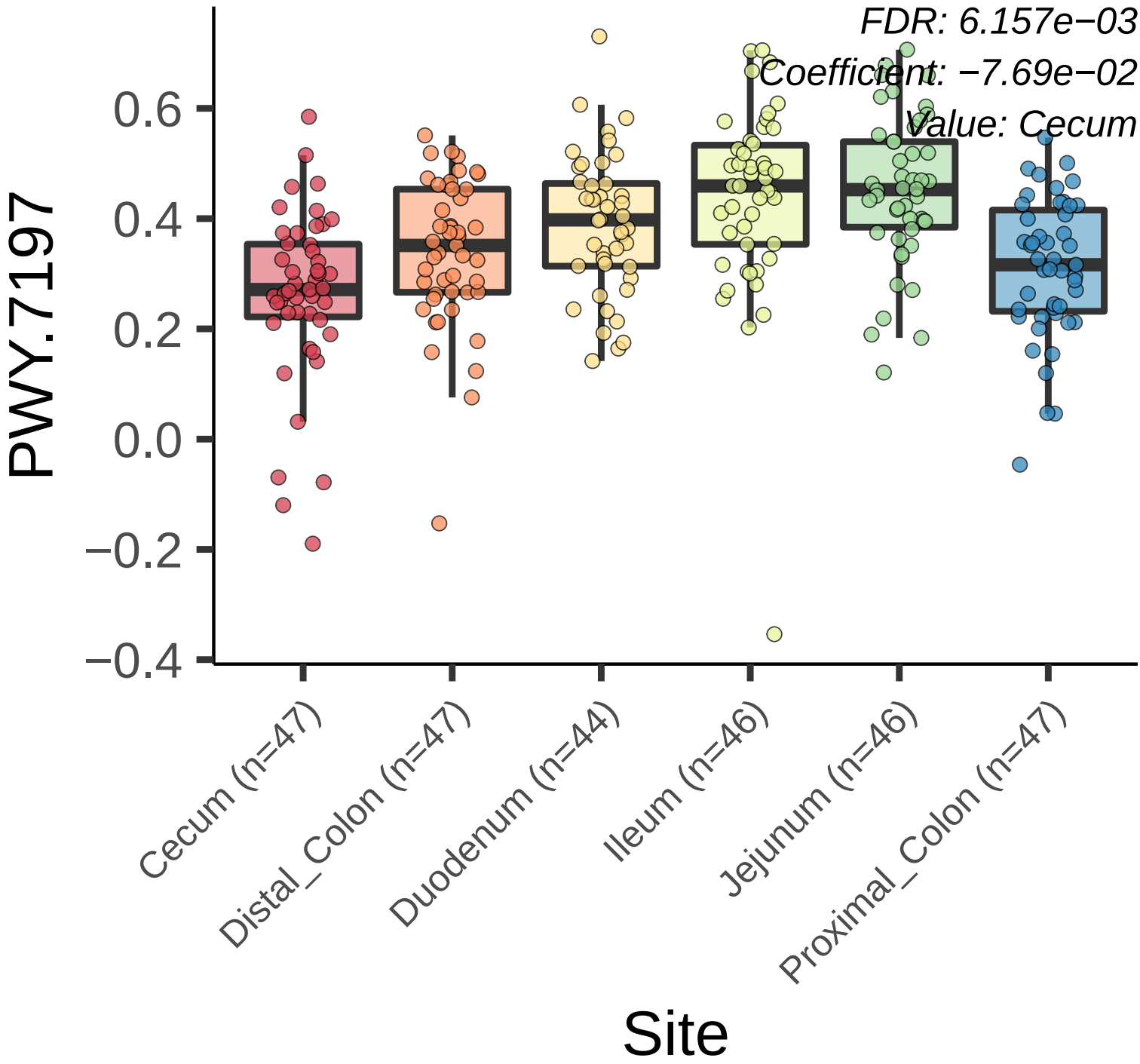
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Cecum
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0.2
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Cecum (n=47)
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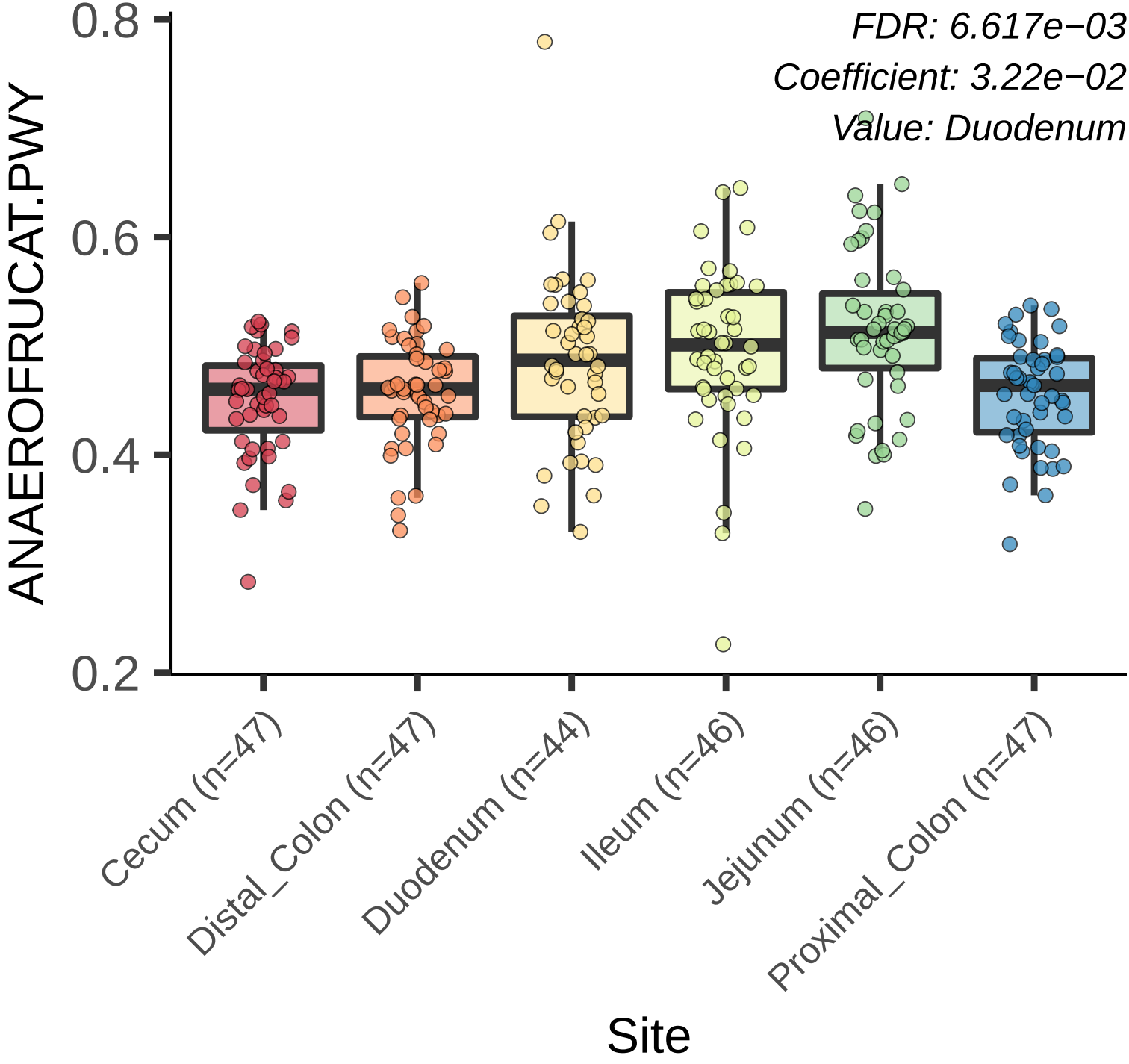
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.22e−02
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0.4
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Cecum (n=47)
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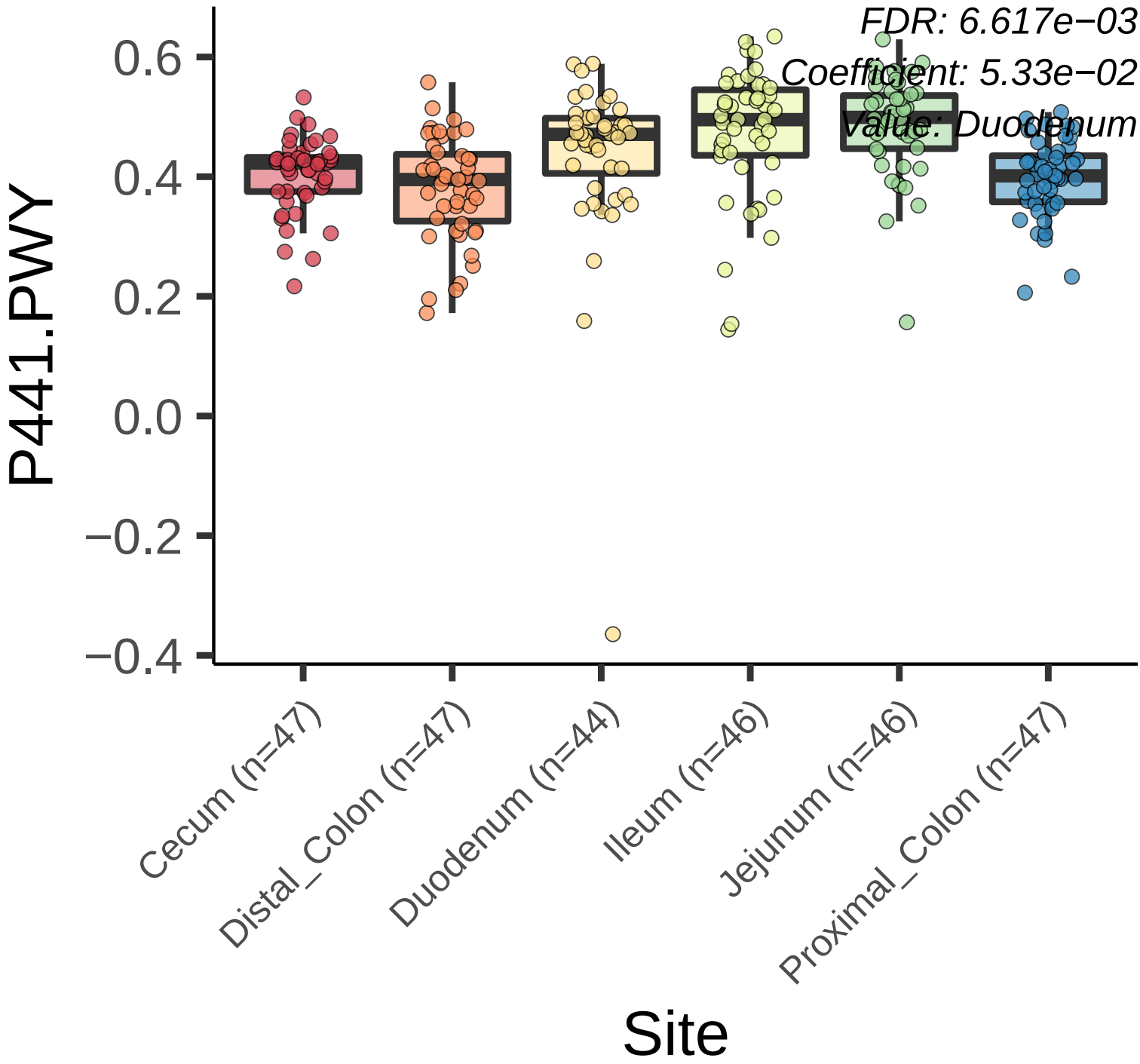
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.33e−02
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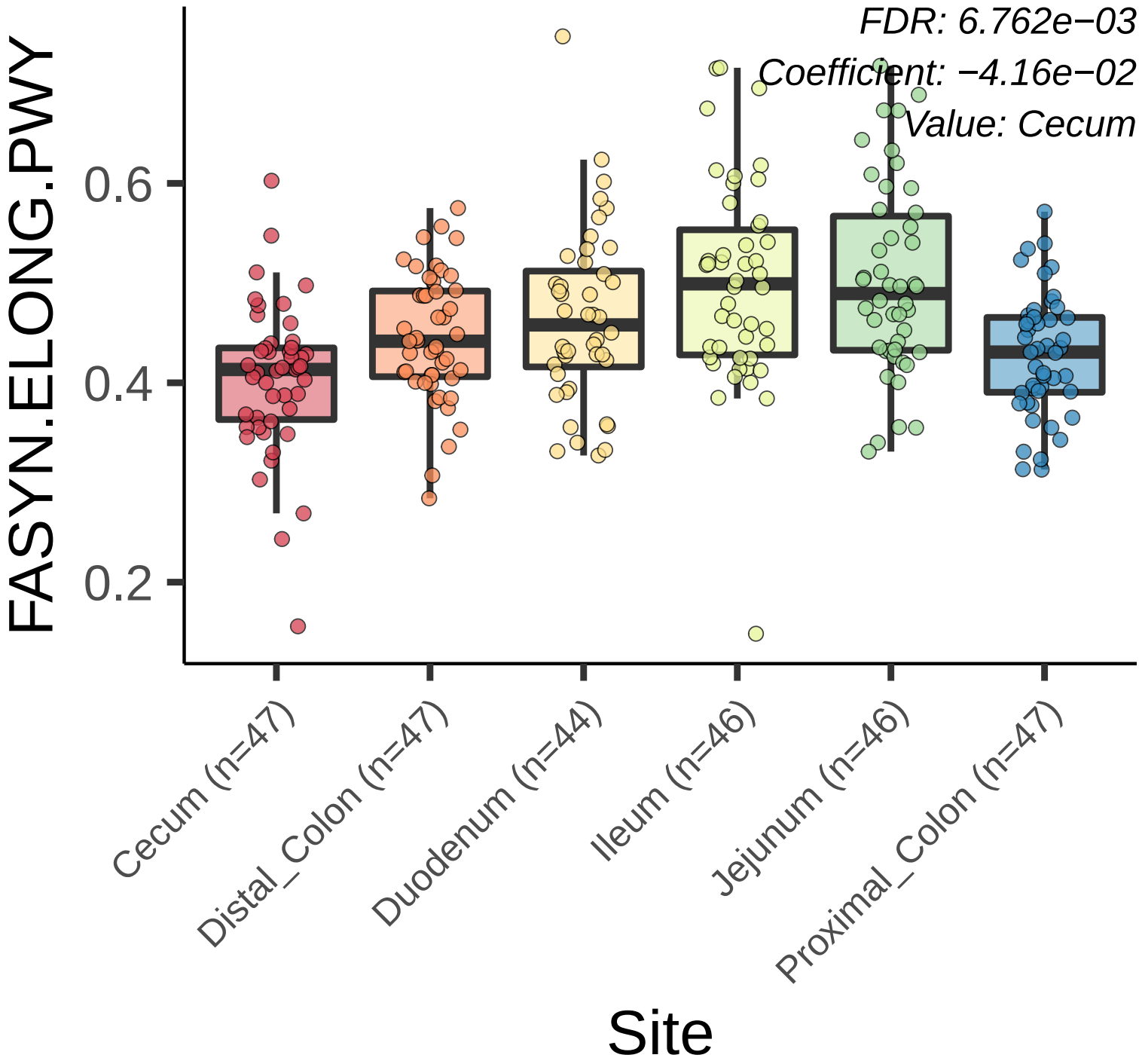
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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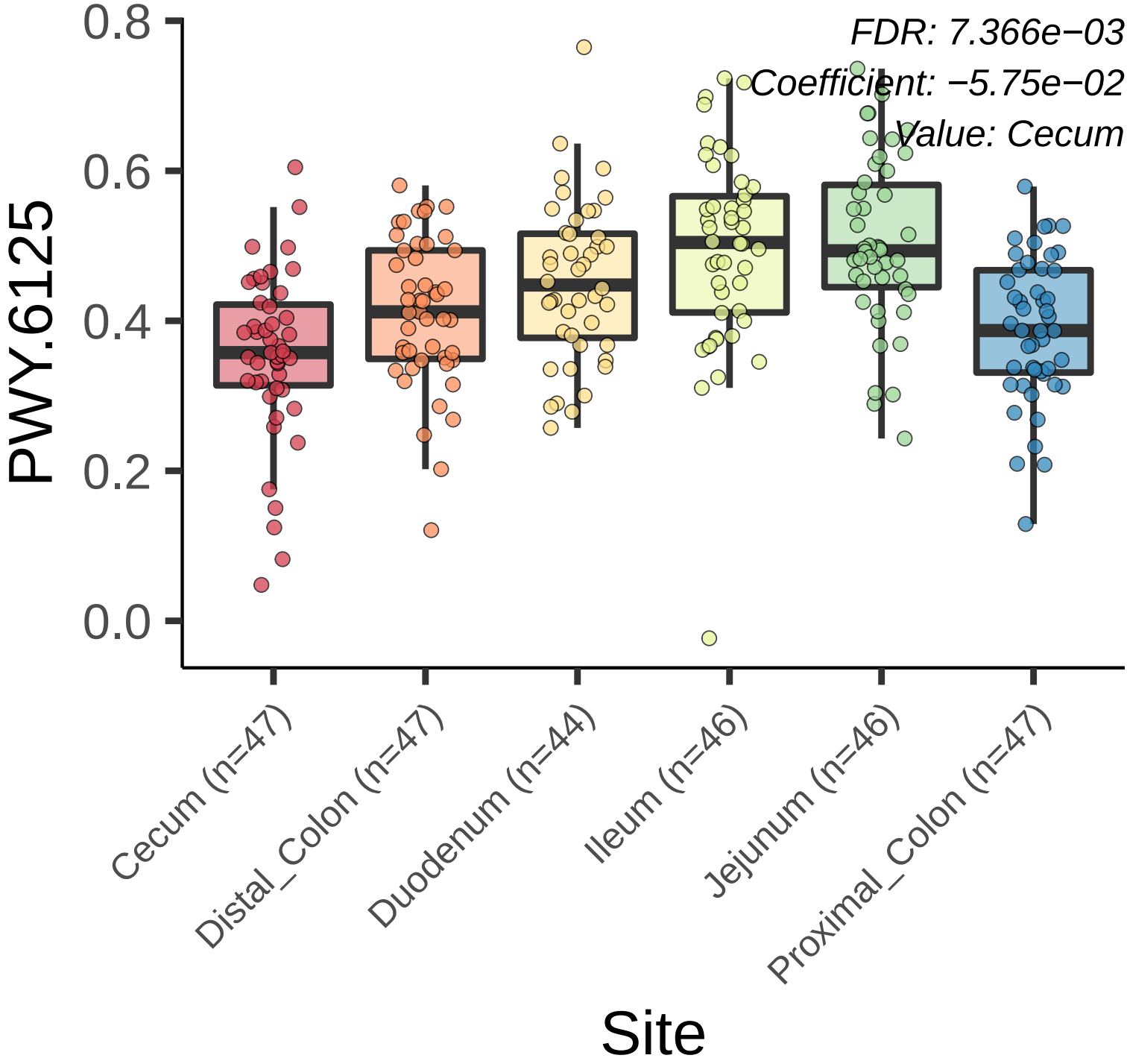
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −5.75e−02
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Cecum (n=47)
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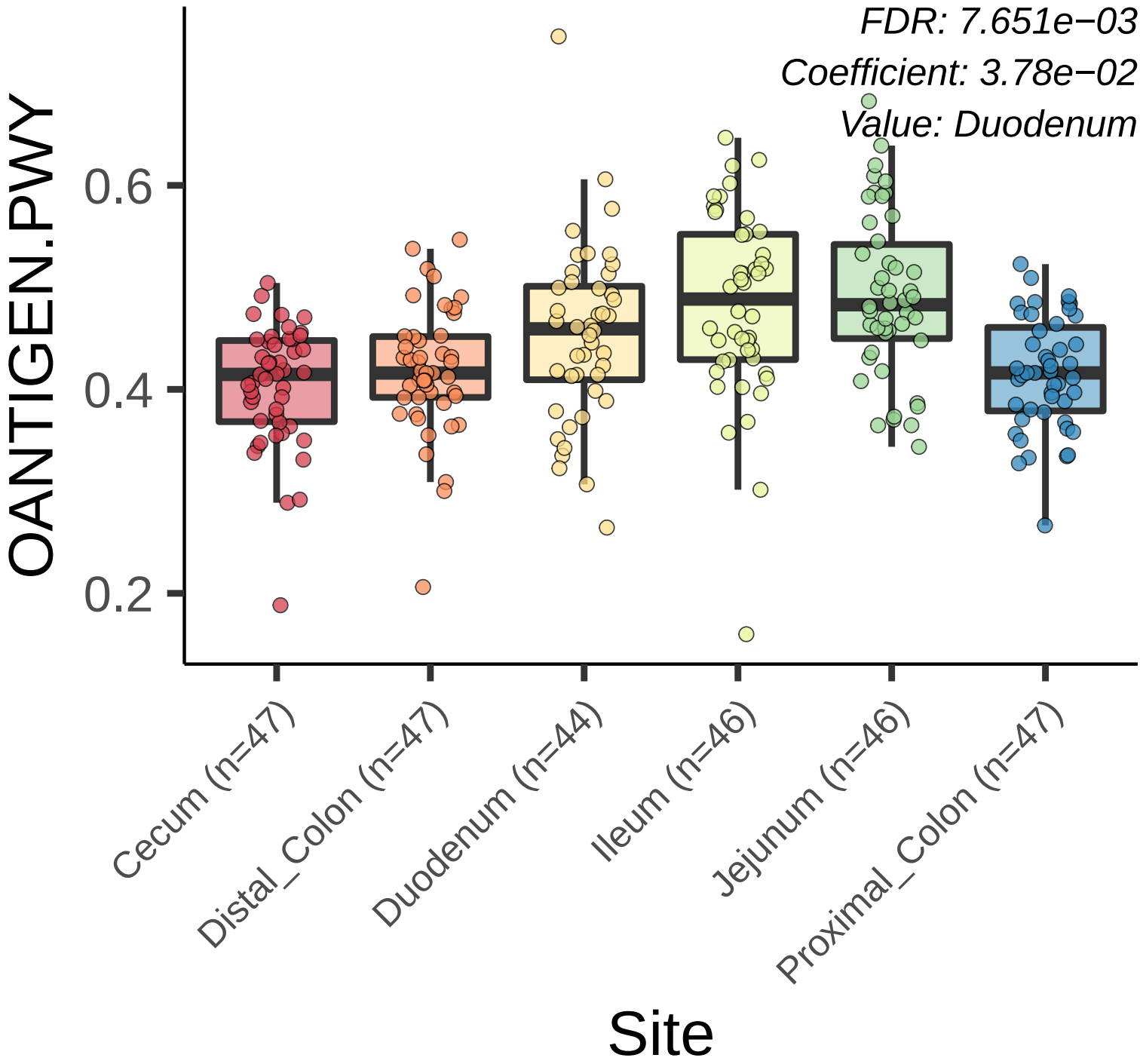
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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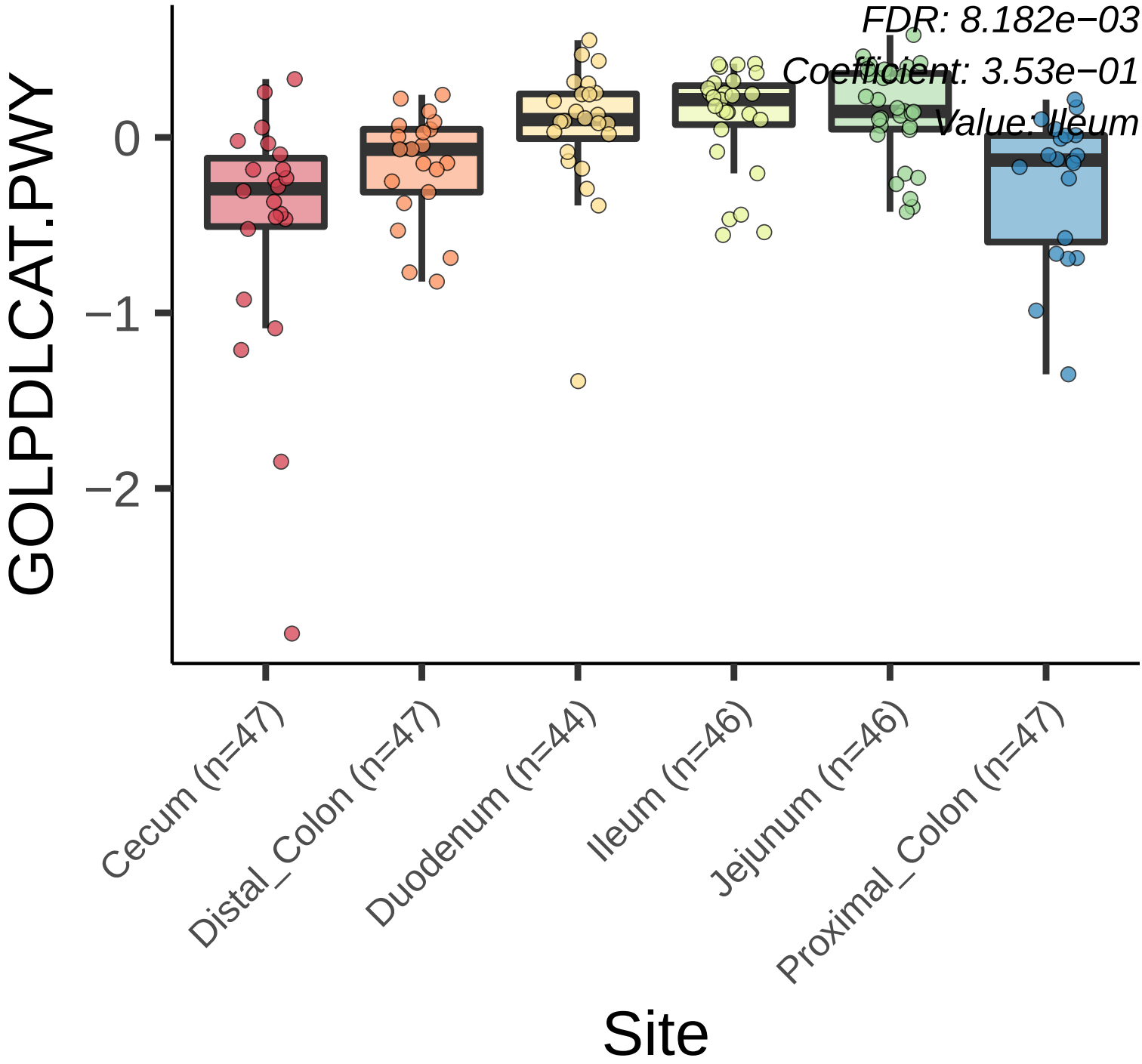
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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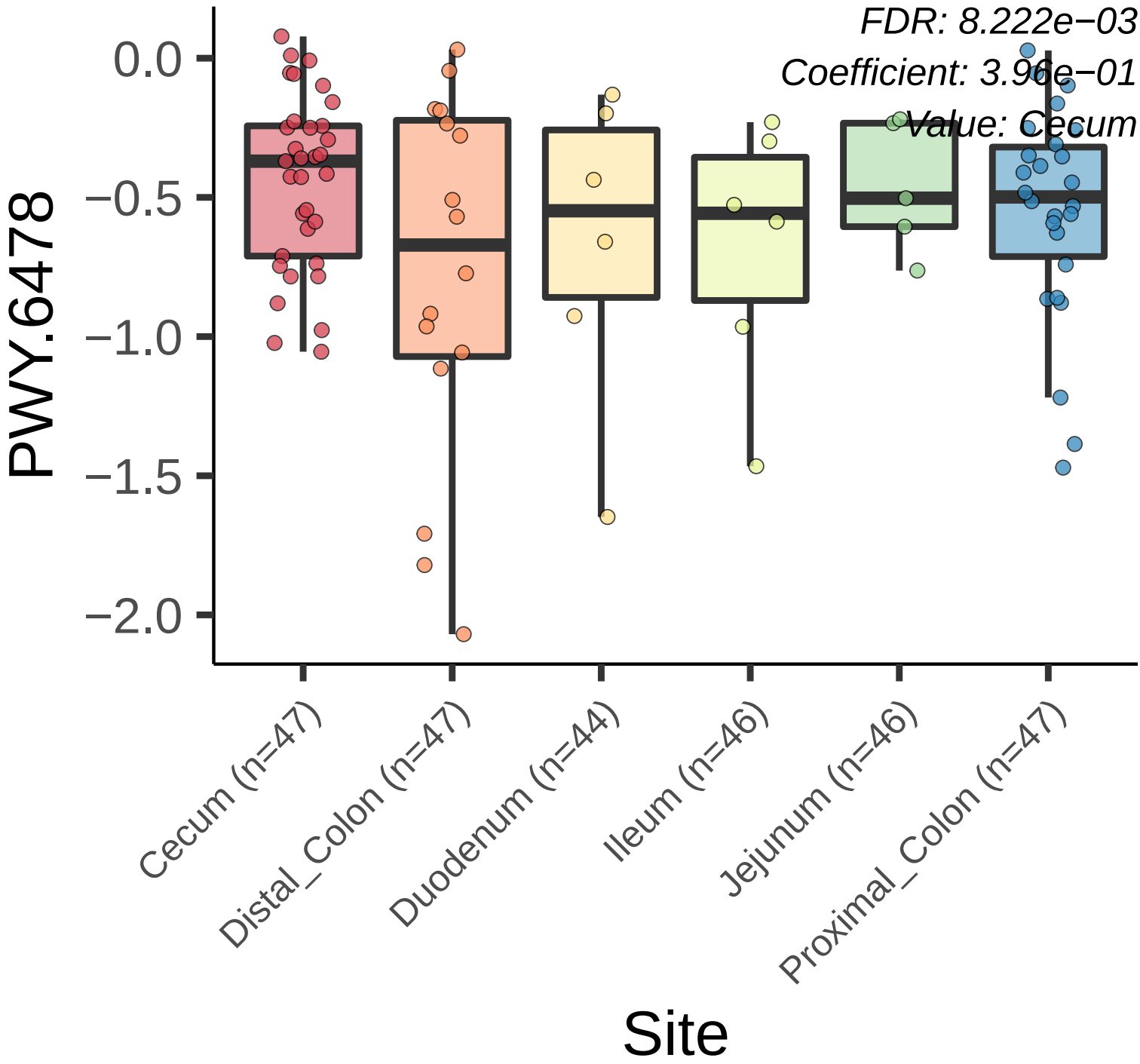
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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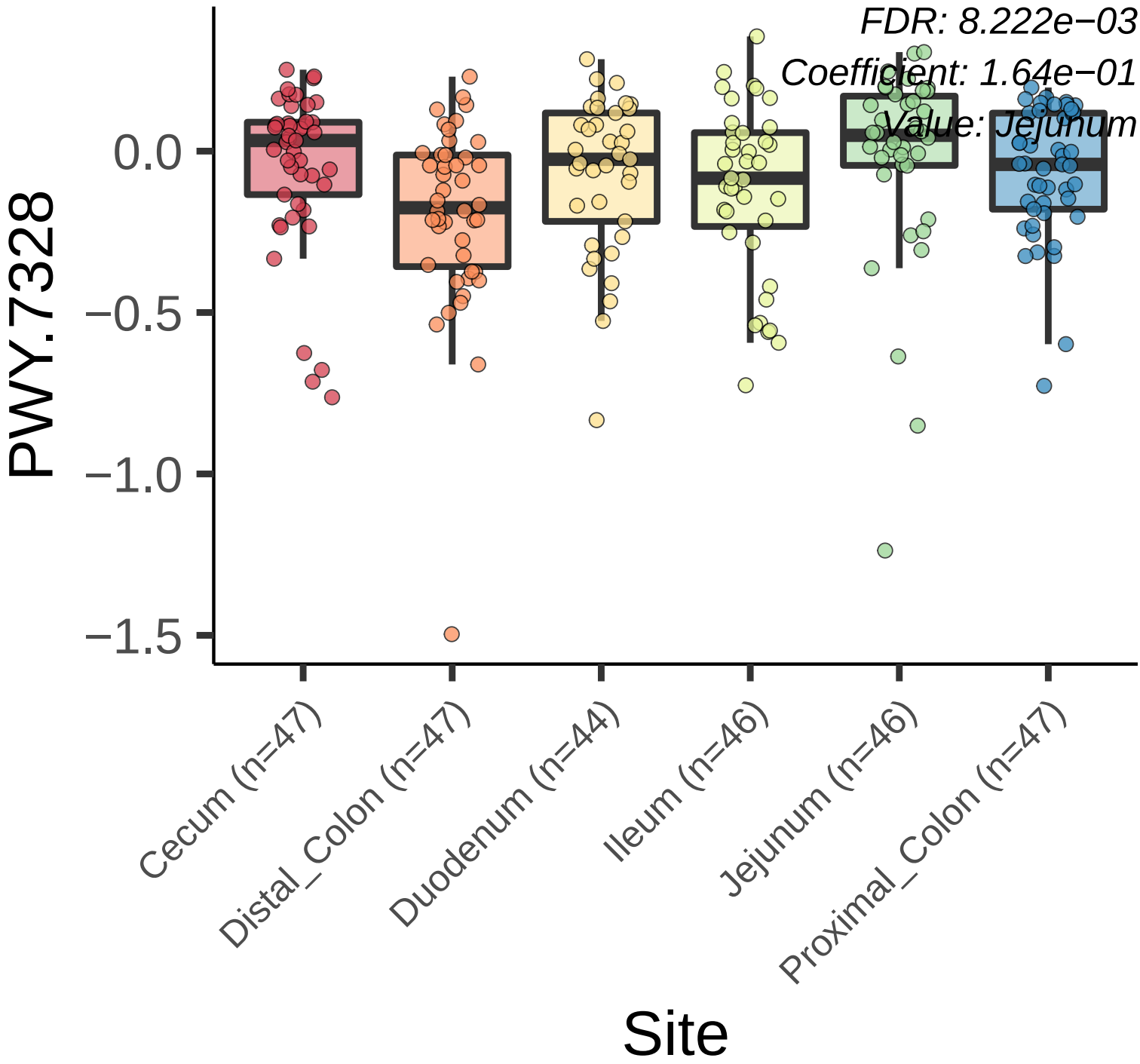
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.64e−01
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Cecum (n=47)
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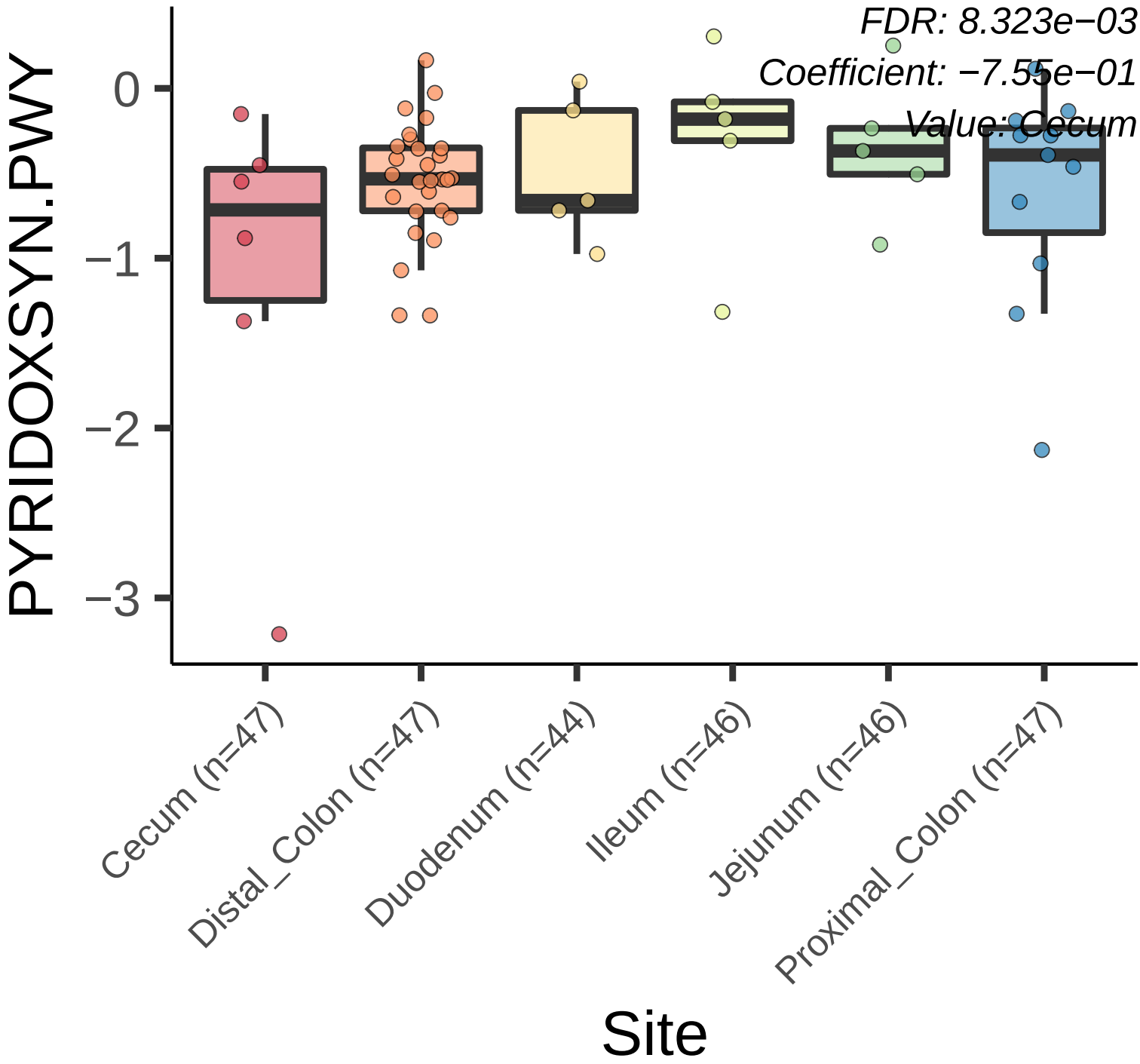
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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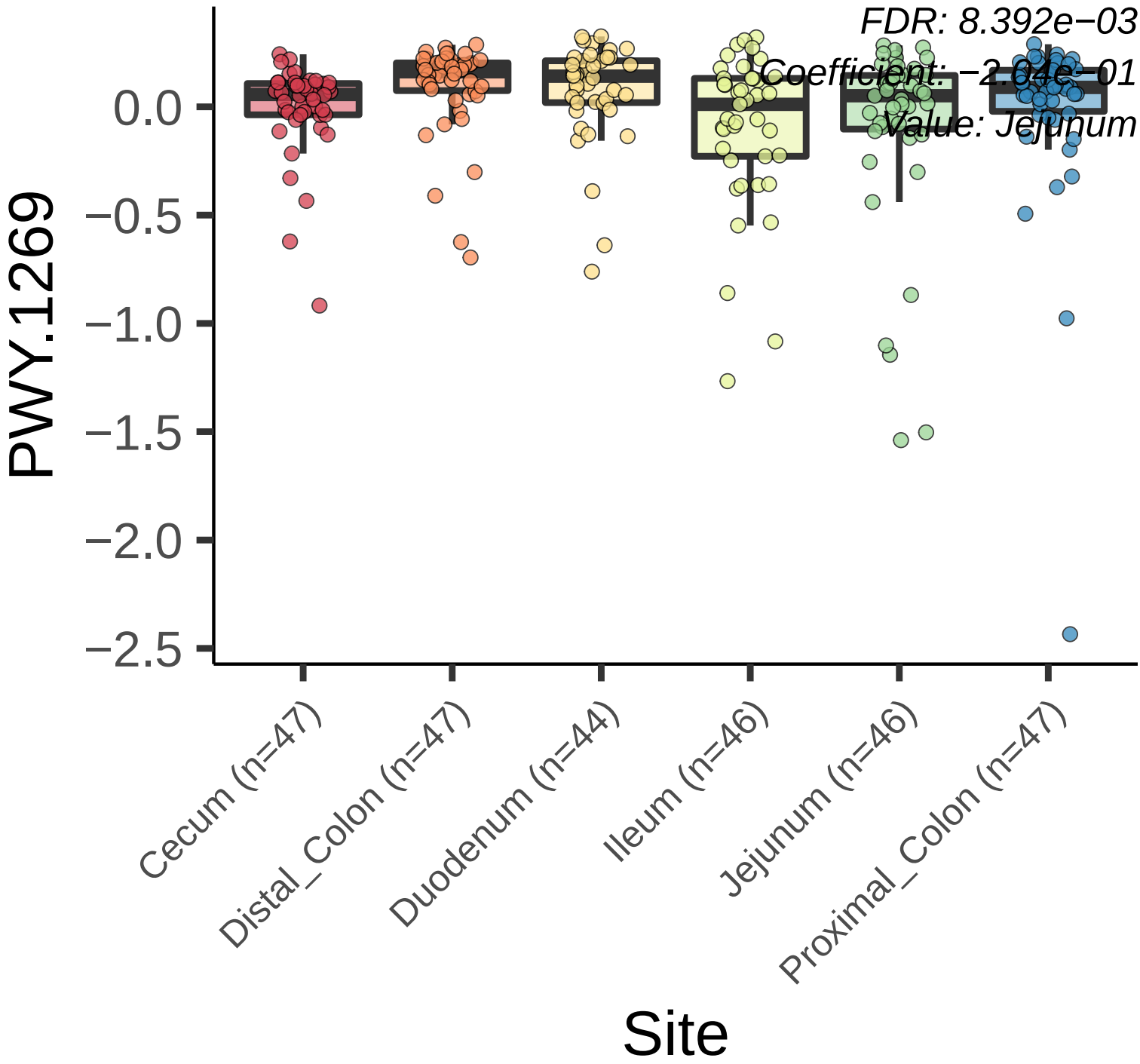
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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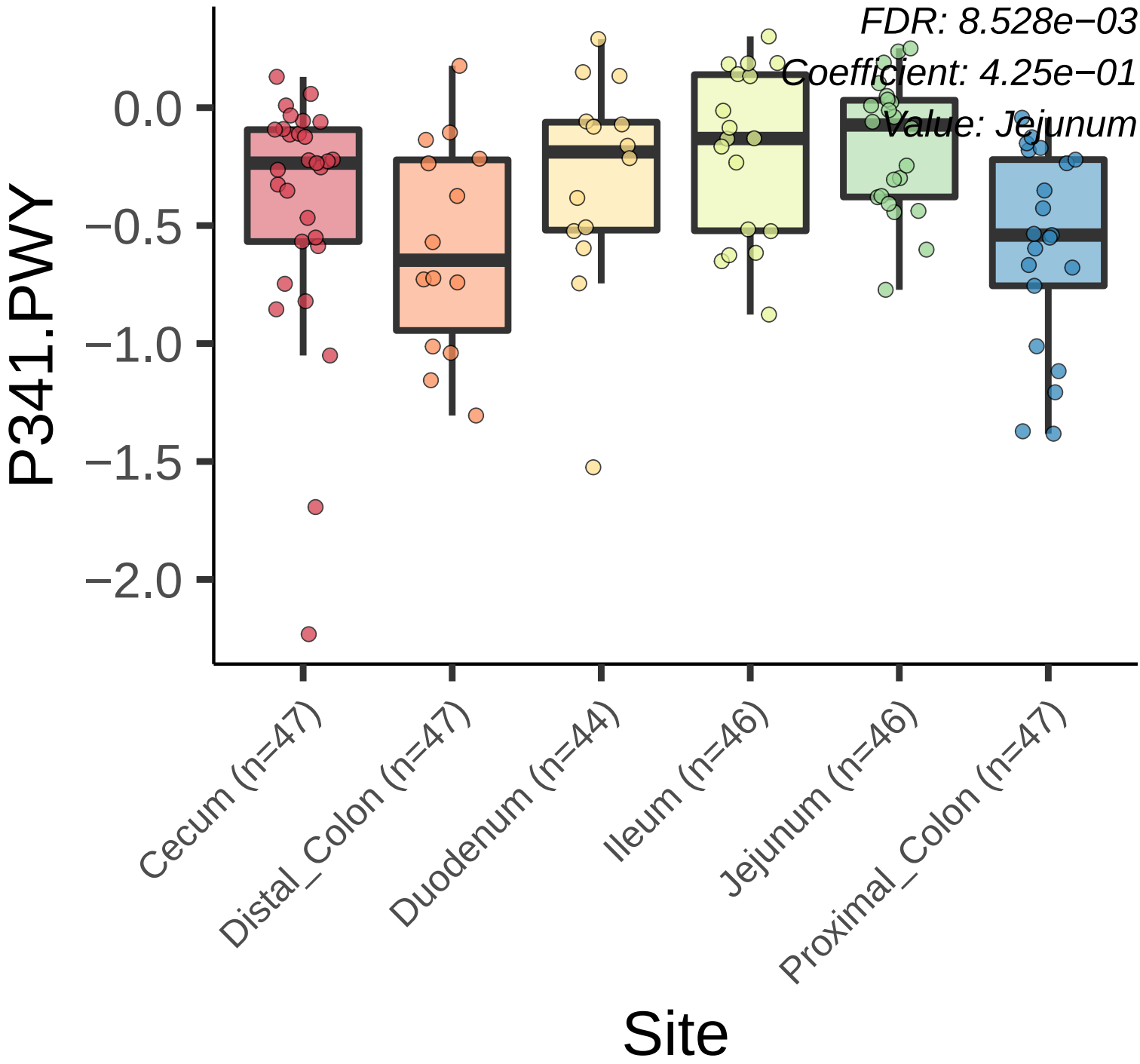
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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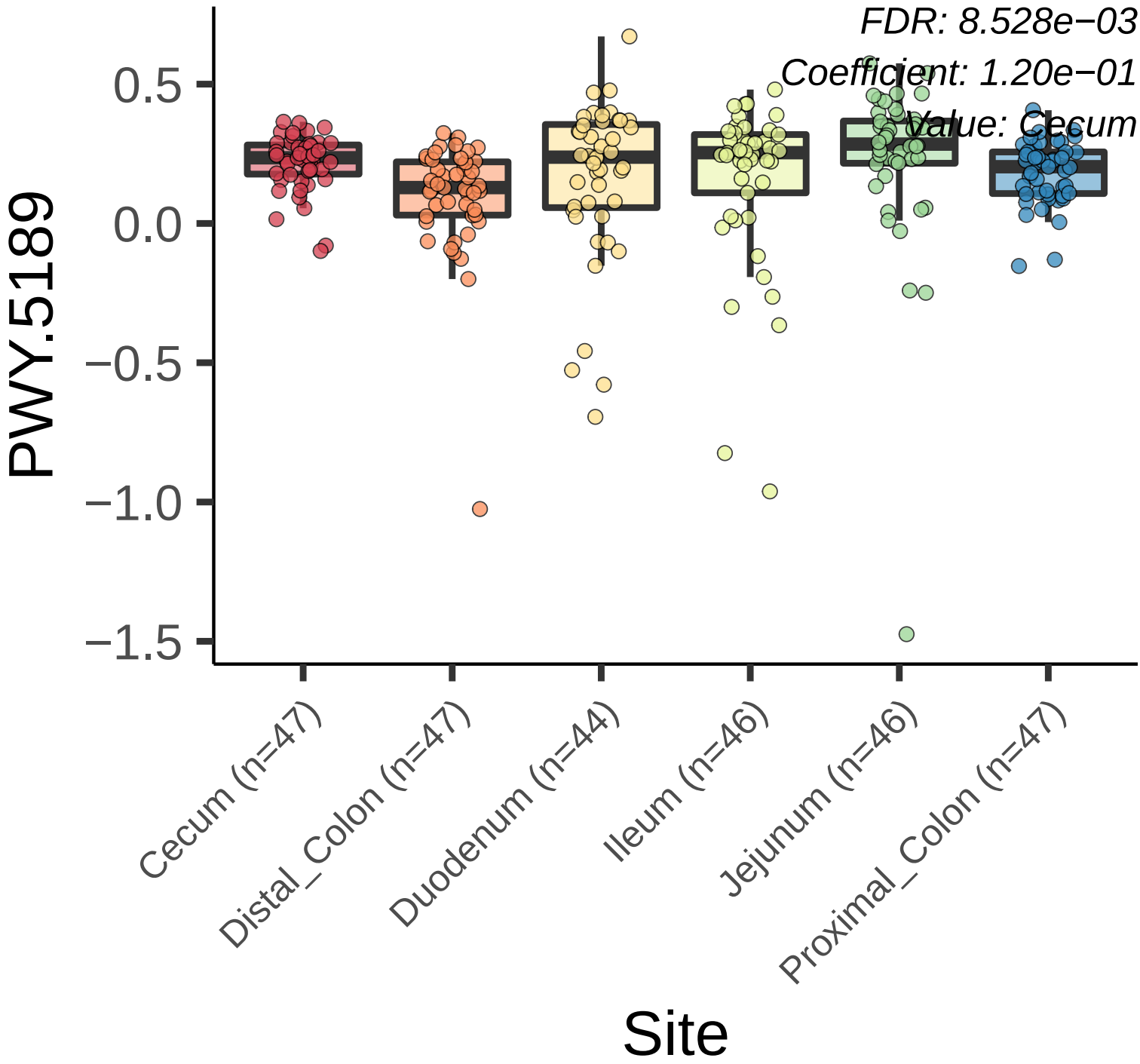
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.528e−03
Coefficient: 1.20e−01
Value: Cecum
PWY.5189
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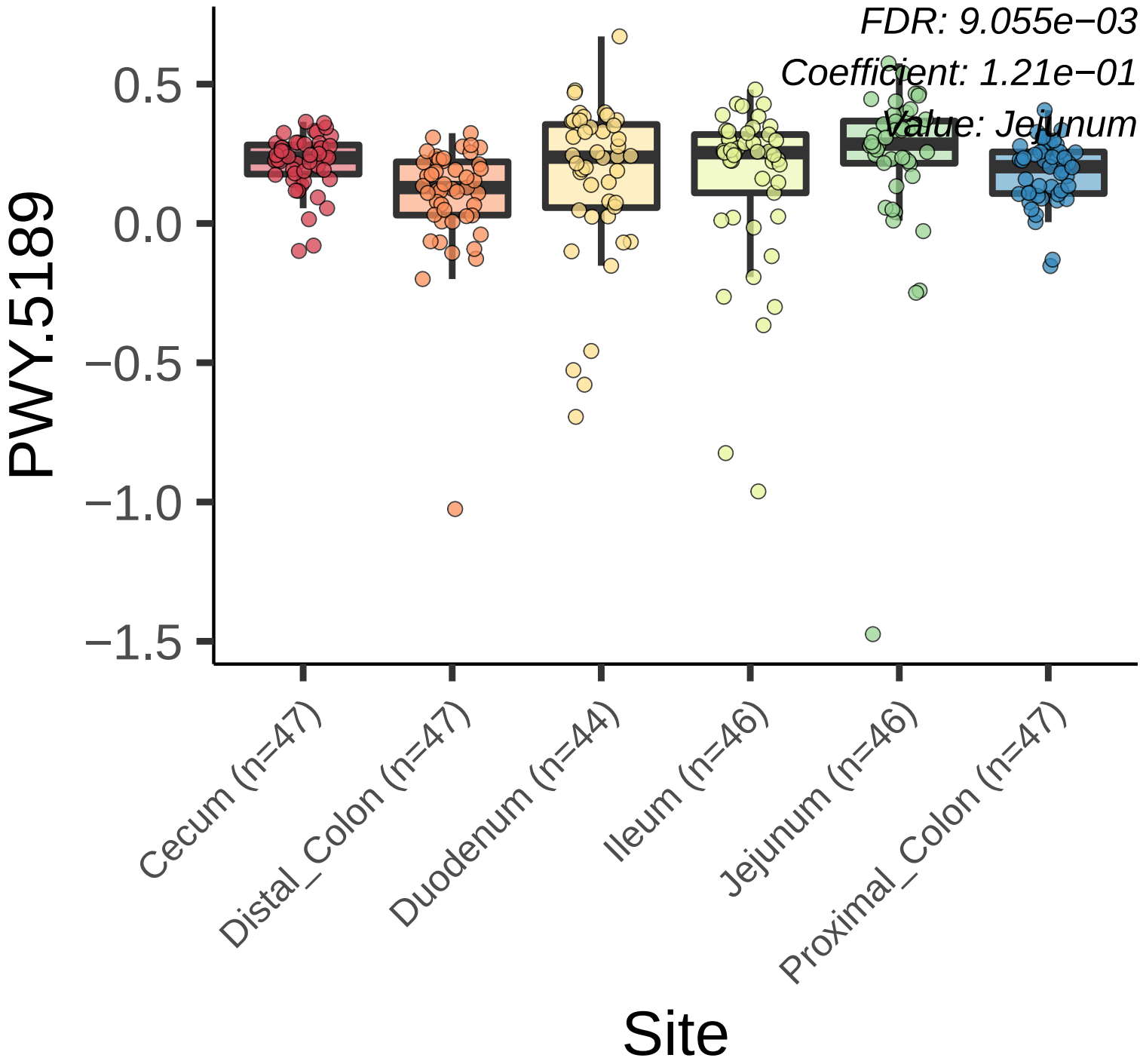
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.055e−03
Coefficient: 1.21e−01
Value: Jejunum
PWY.5189
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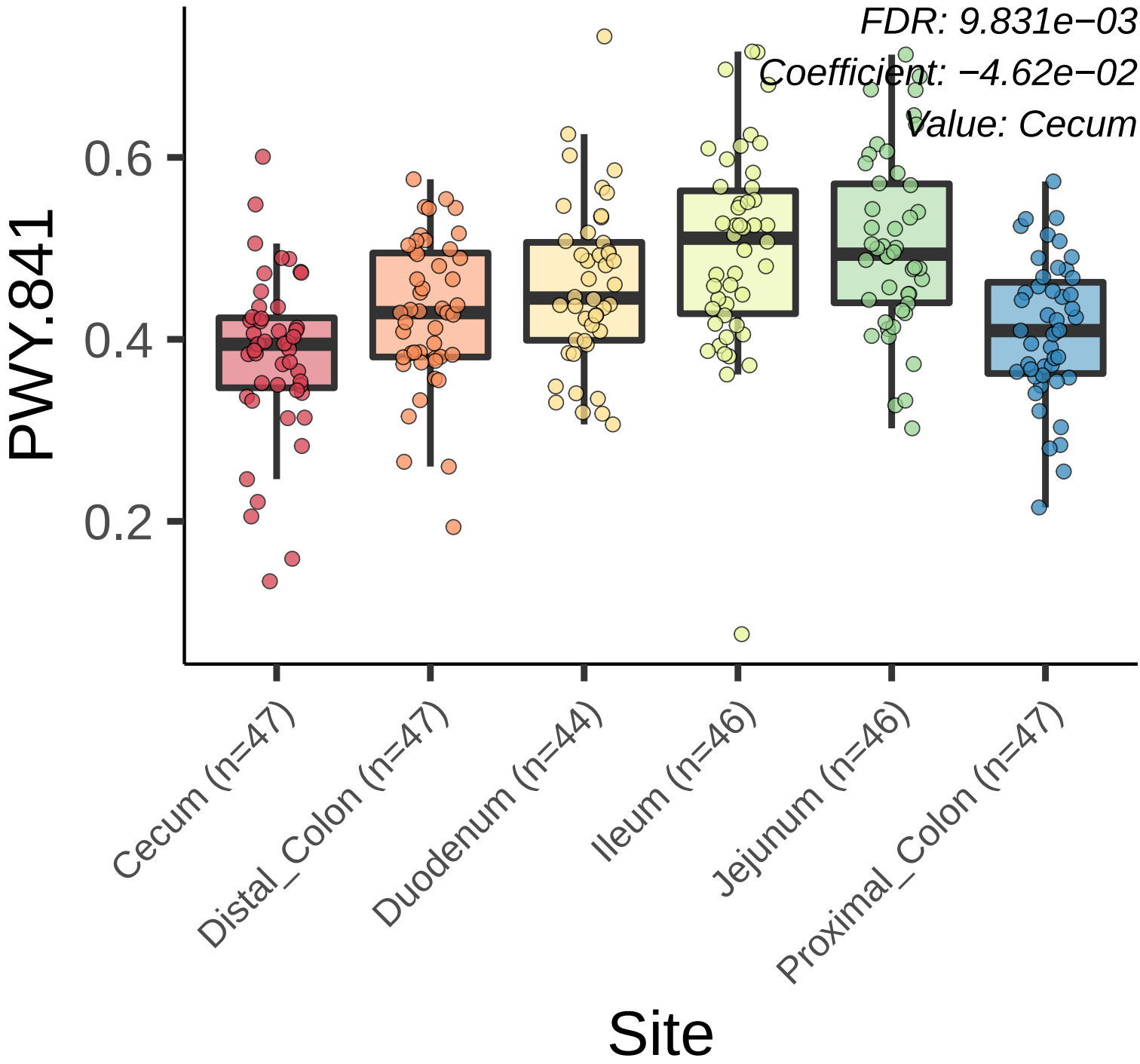
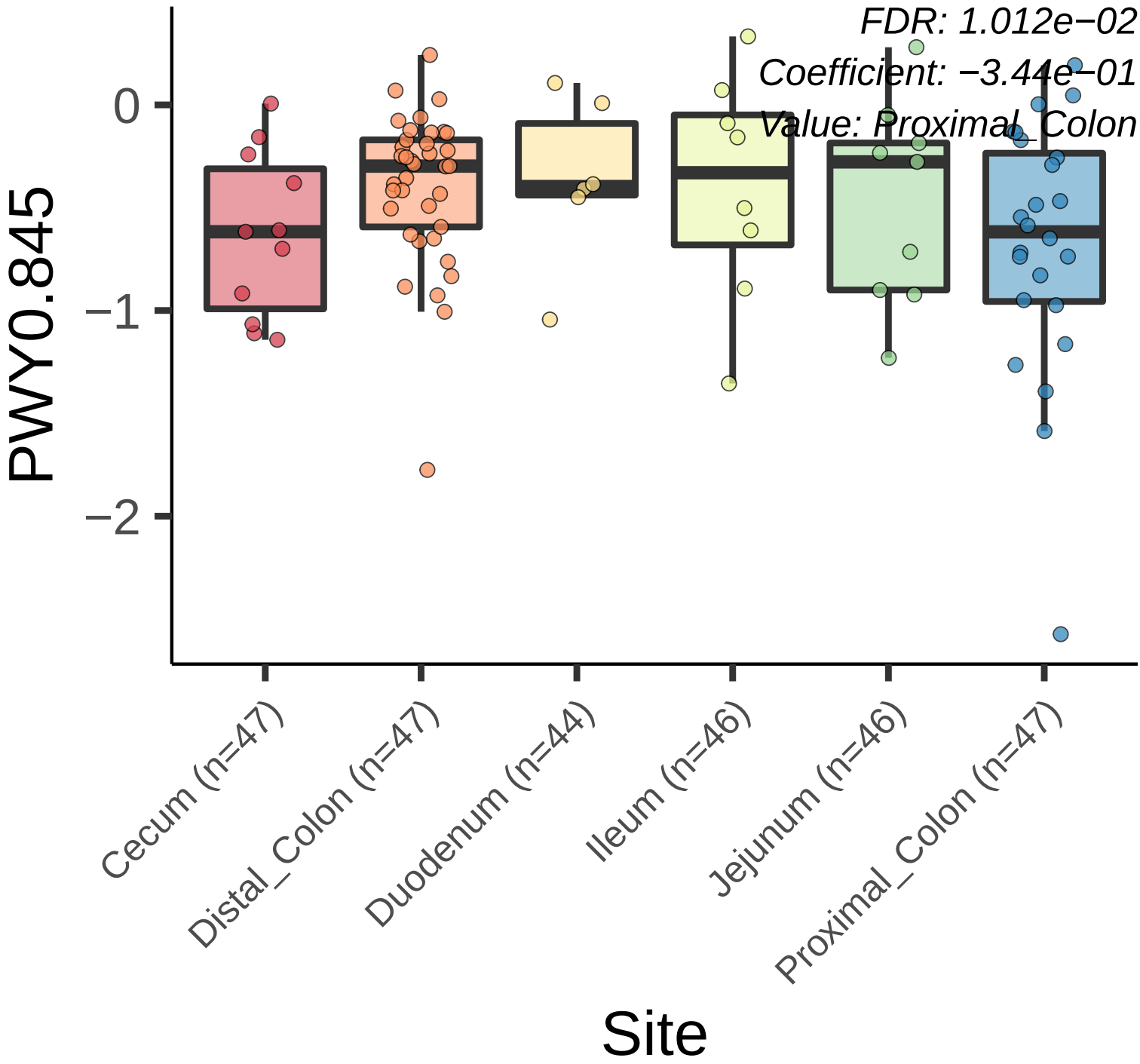
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.831e−03
Coefficient: −4.62e−02
Value: Cecum
PWY.841
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.012e−02
Coefficient: −3.44e−01
Value: Proximal_Colon
PWY0.845
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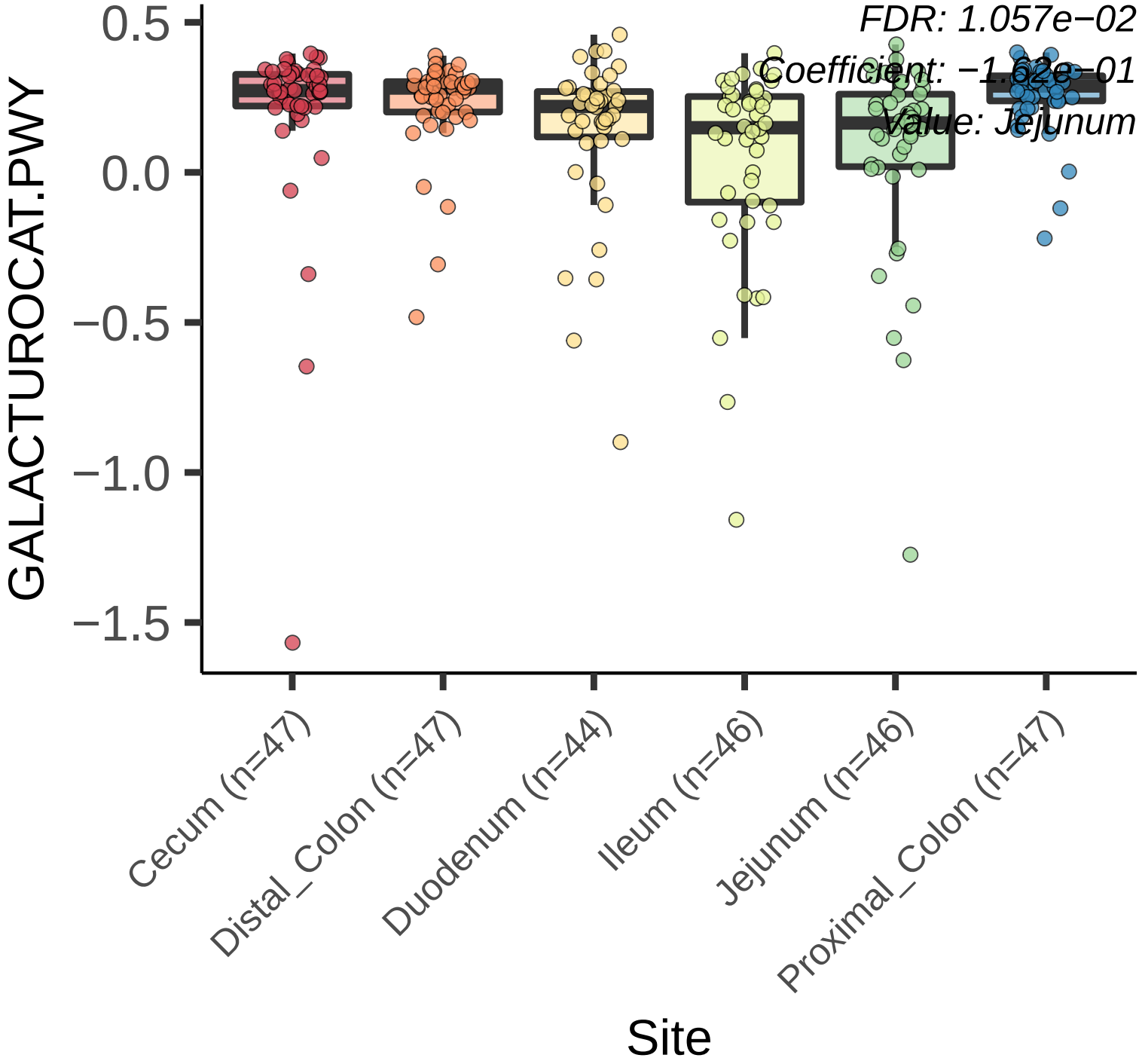
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.62e−01
Value: Jejunum
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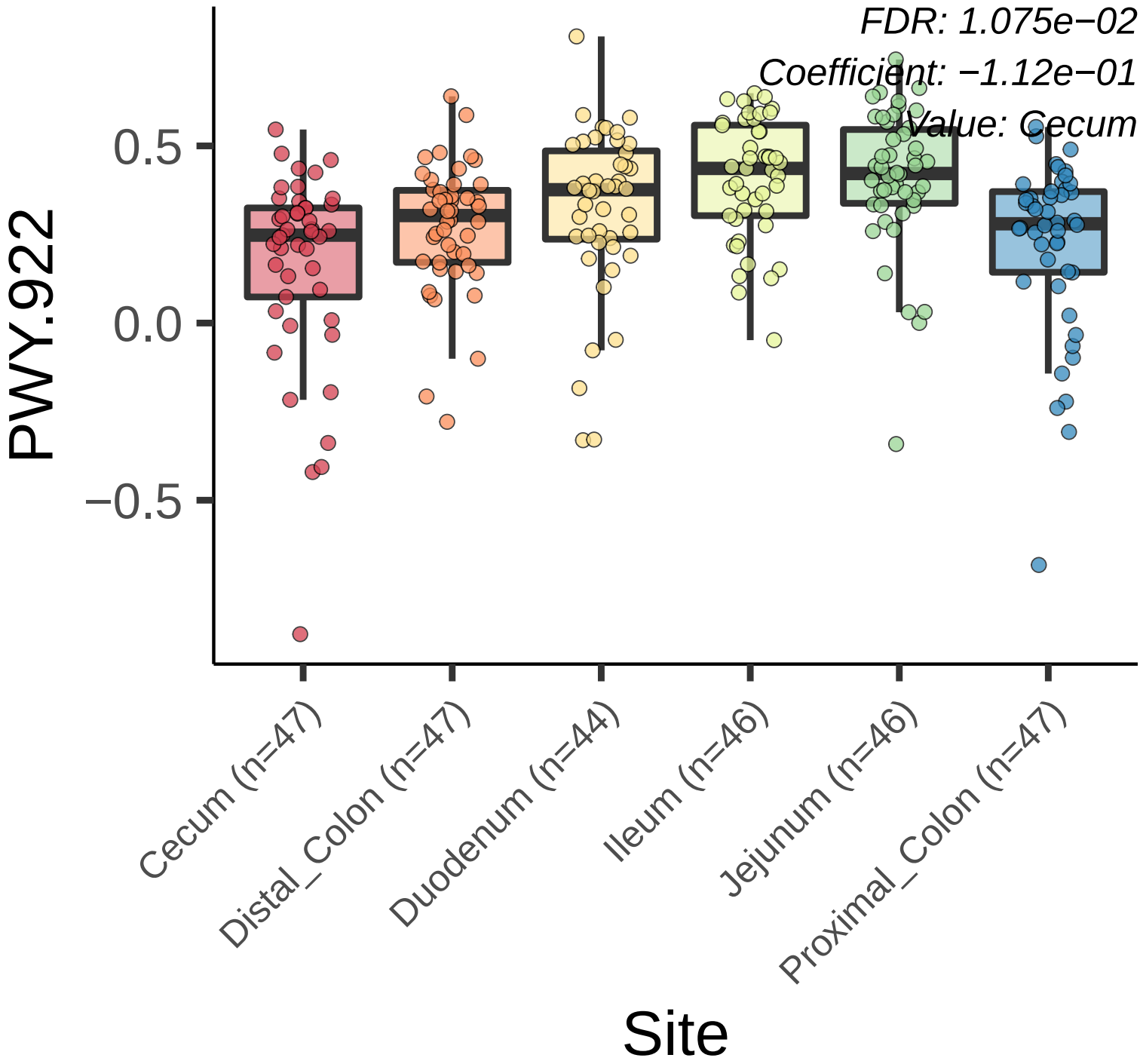
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.075e−02
Coefficient: −1.12e−01
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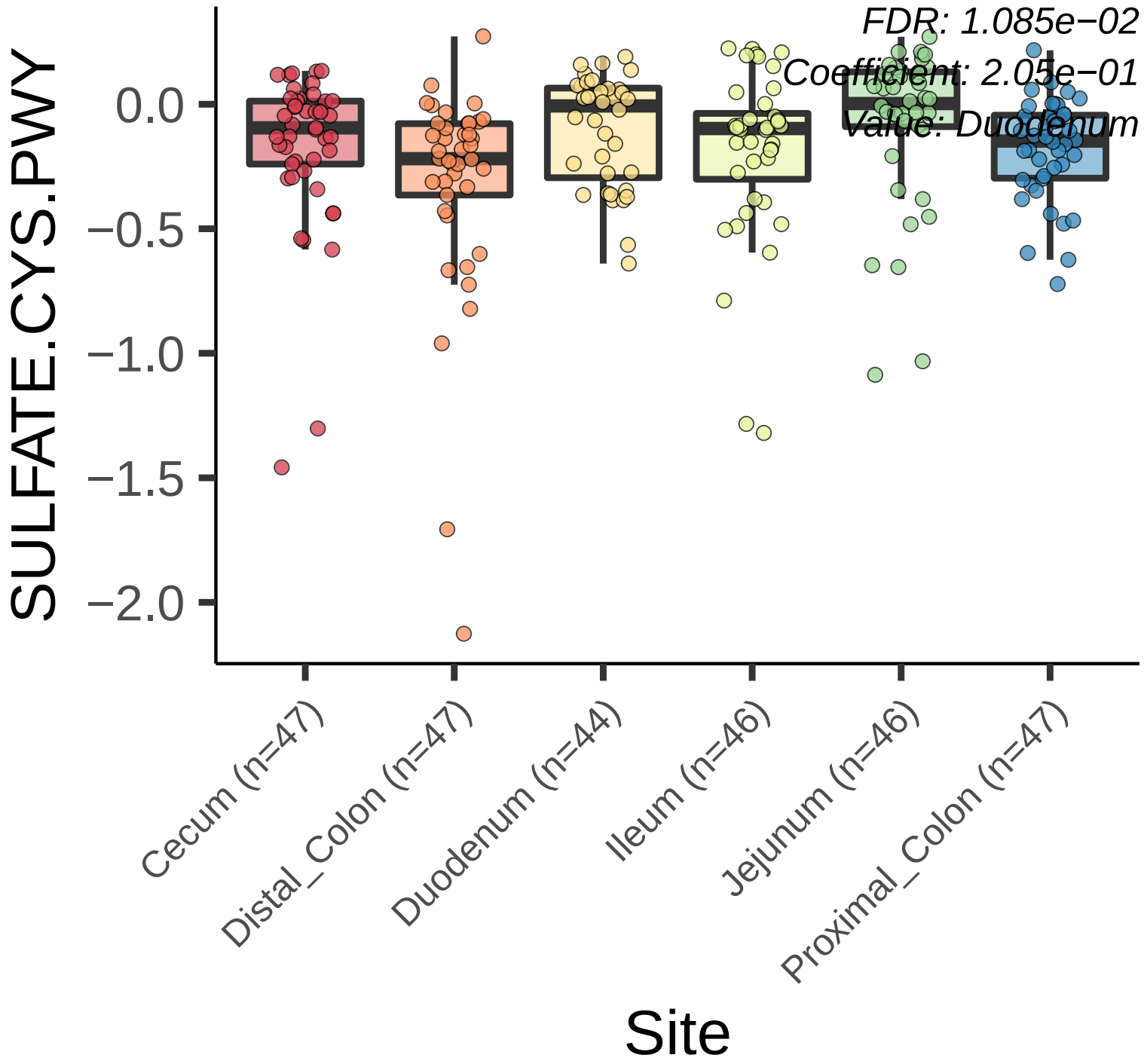
0.0
−0.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.05e−01
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SULFATE.CYS.PWY
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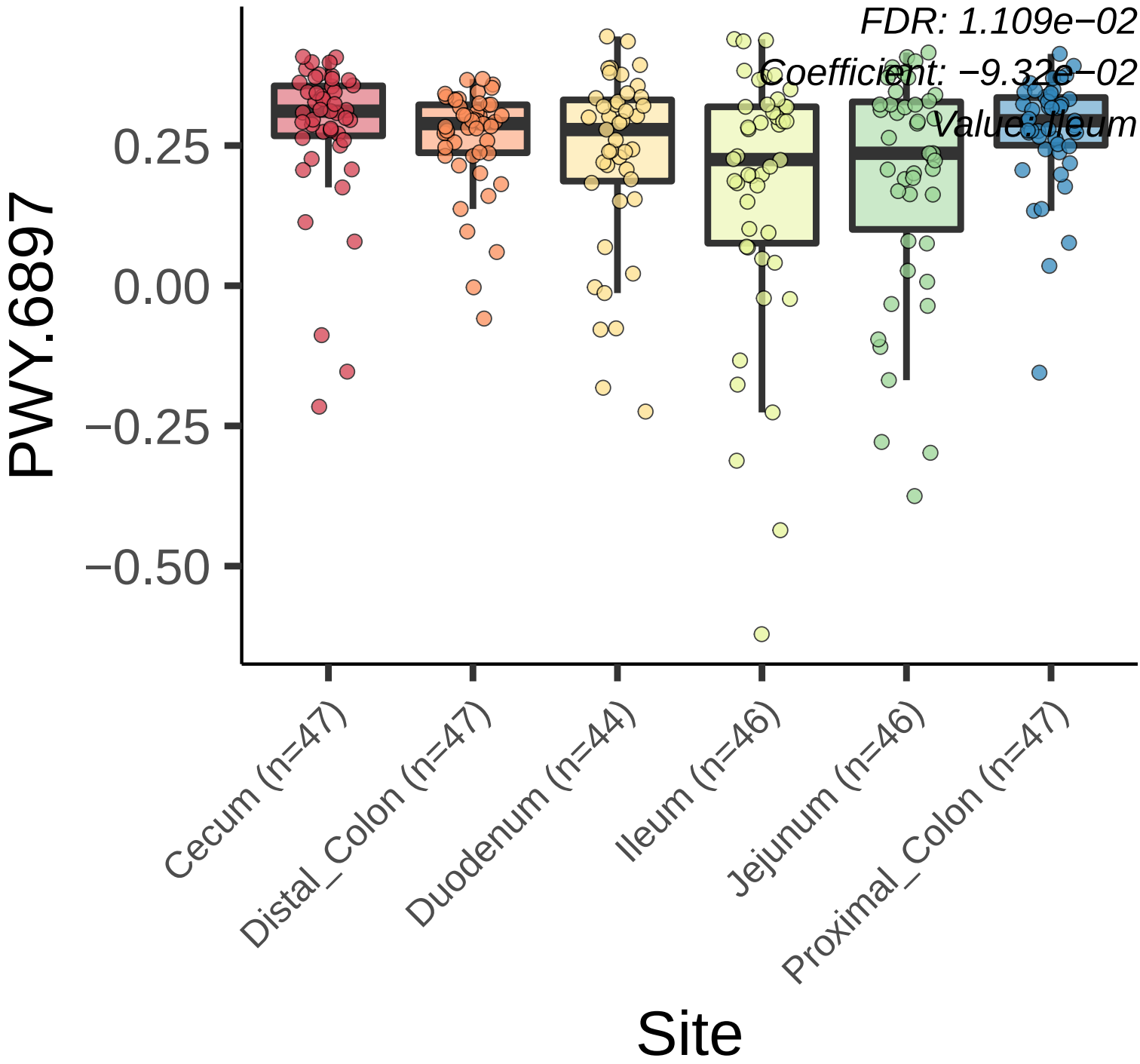
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.109e−02
Coefficient: −9.32e−02
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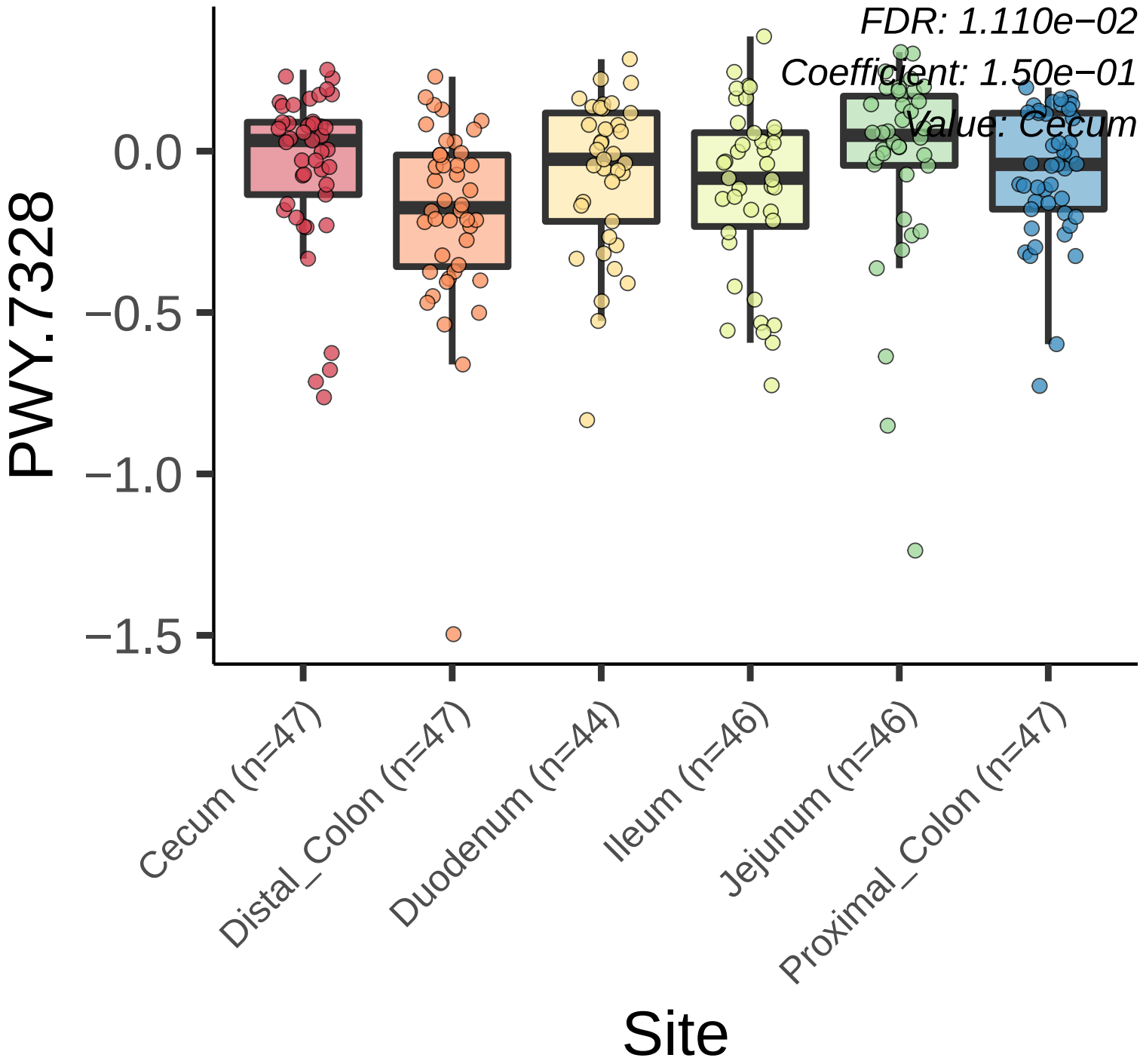
PWY.6897
0.25
0.00
−0.25
−0.50
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.110e−02
Coefficient: 1.50e−01
Value: Cecum
PWY.7328
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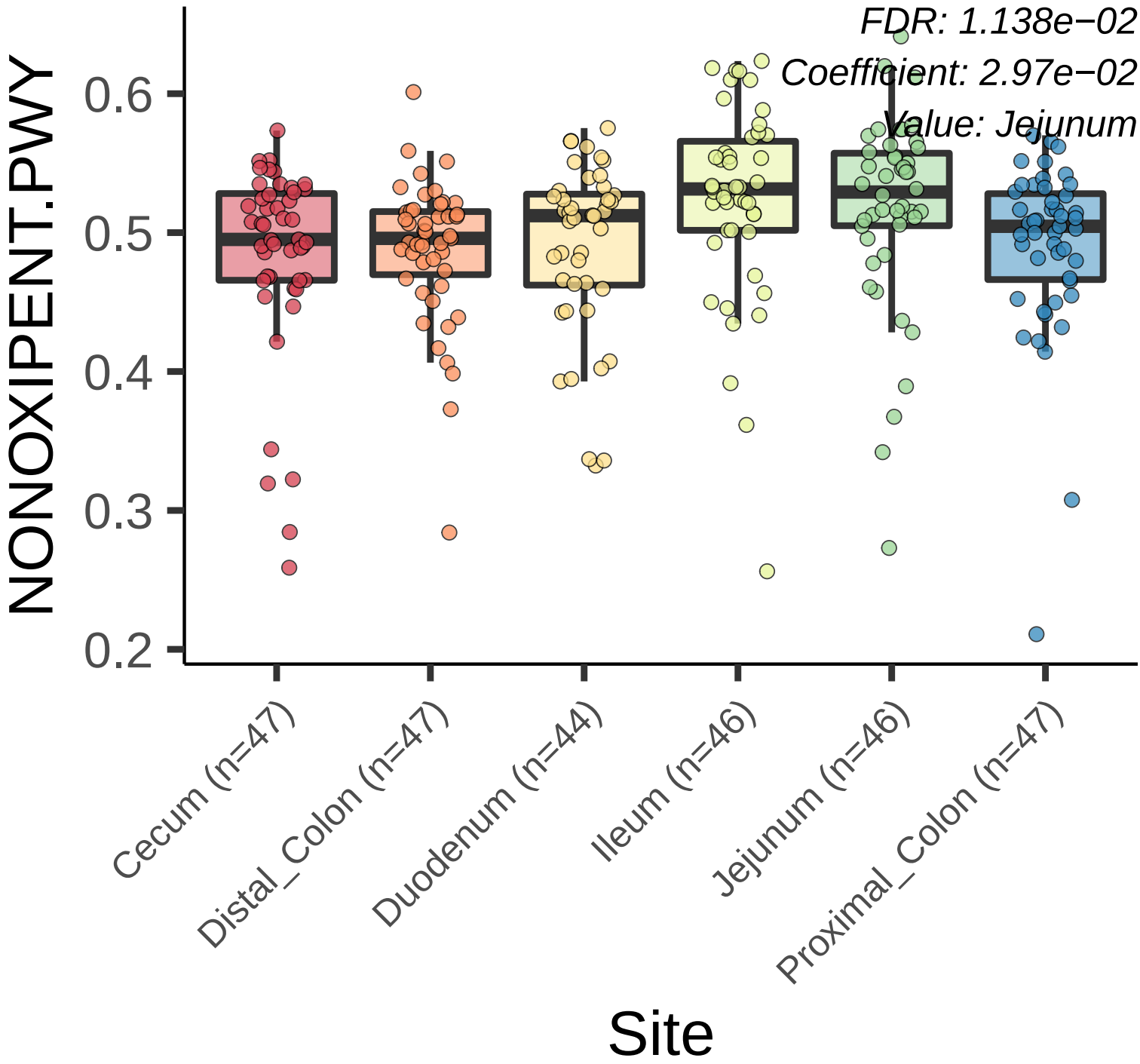
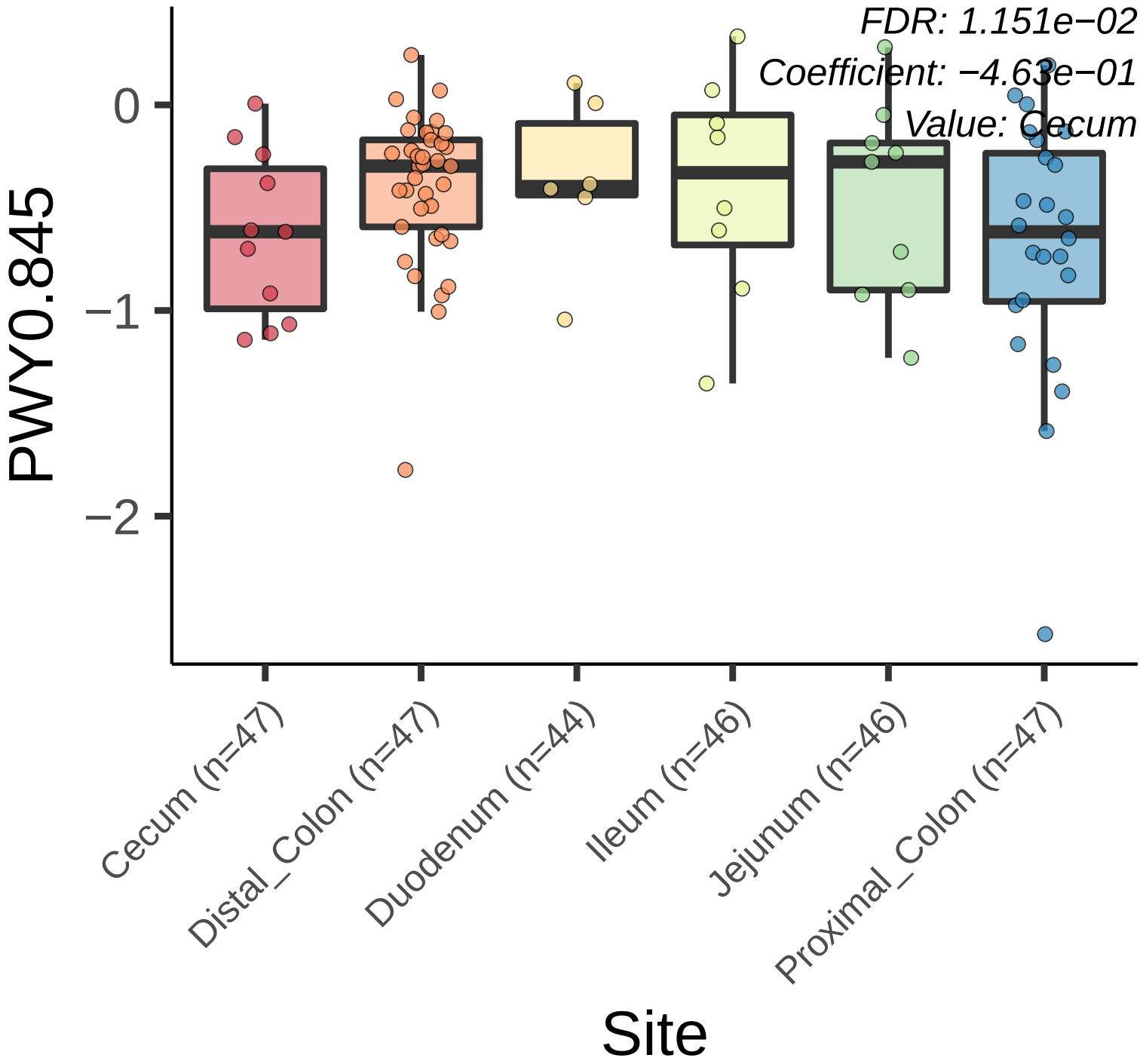
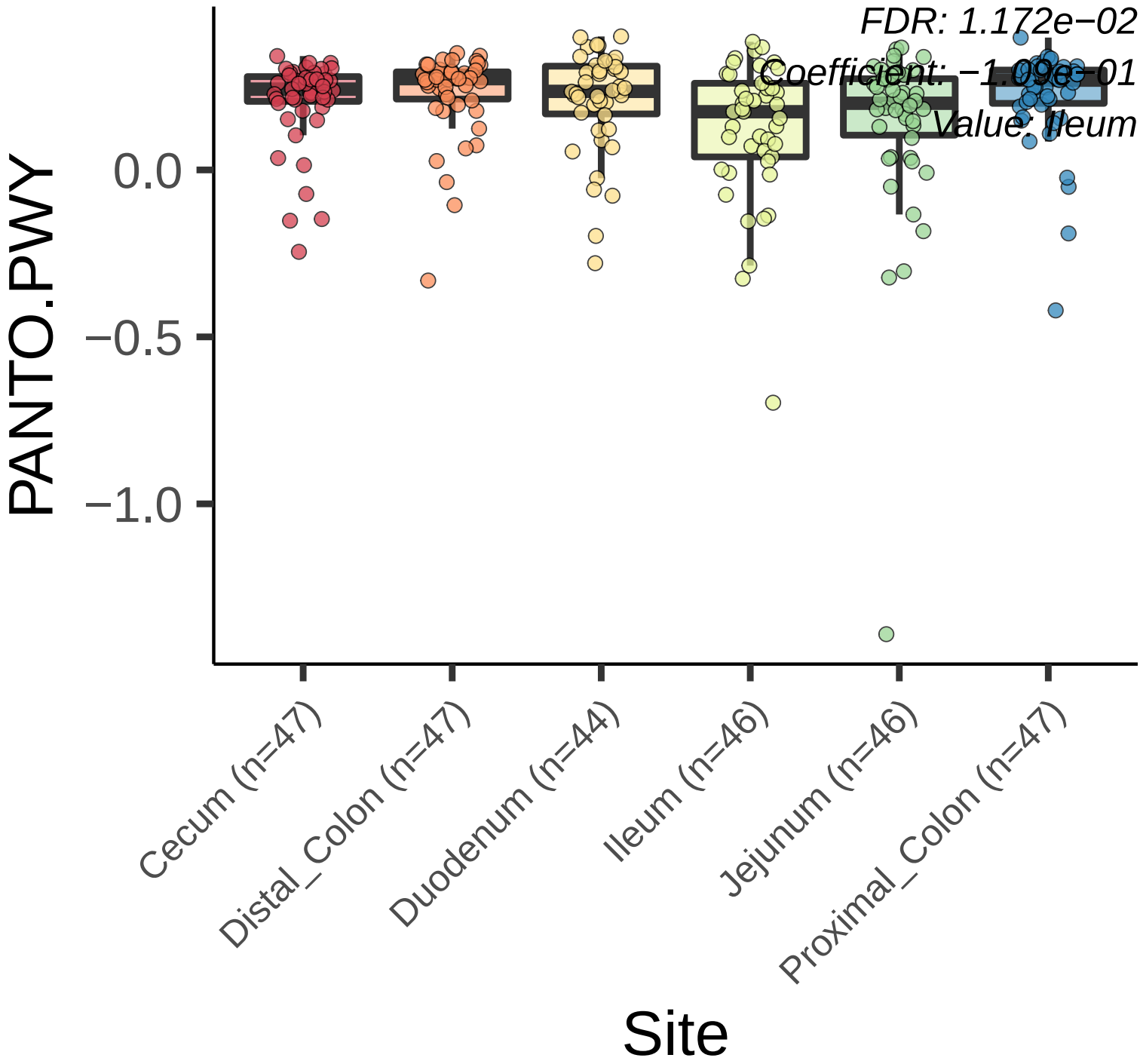
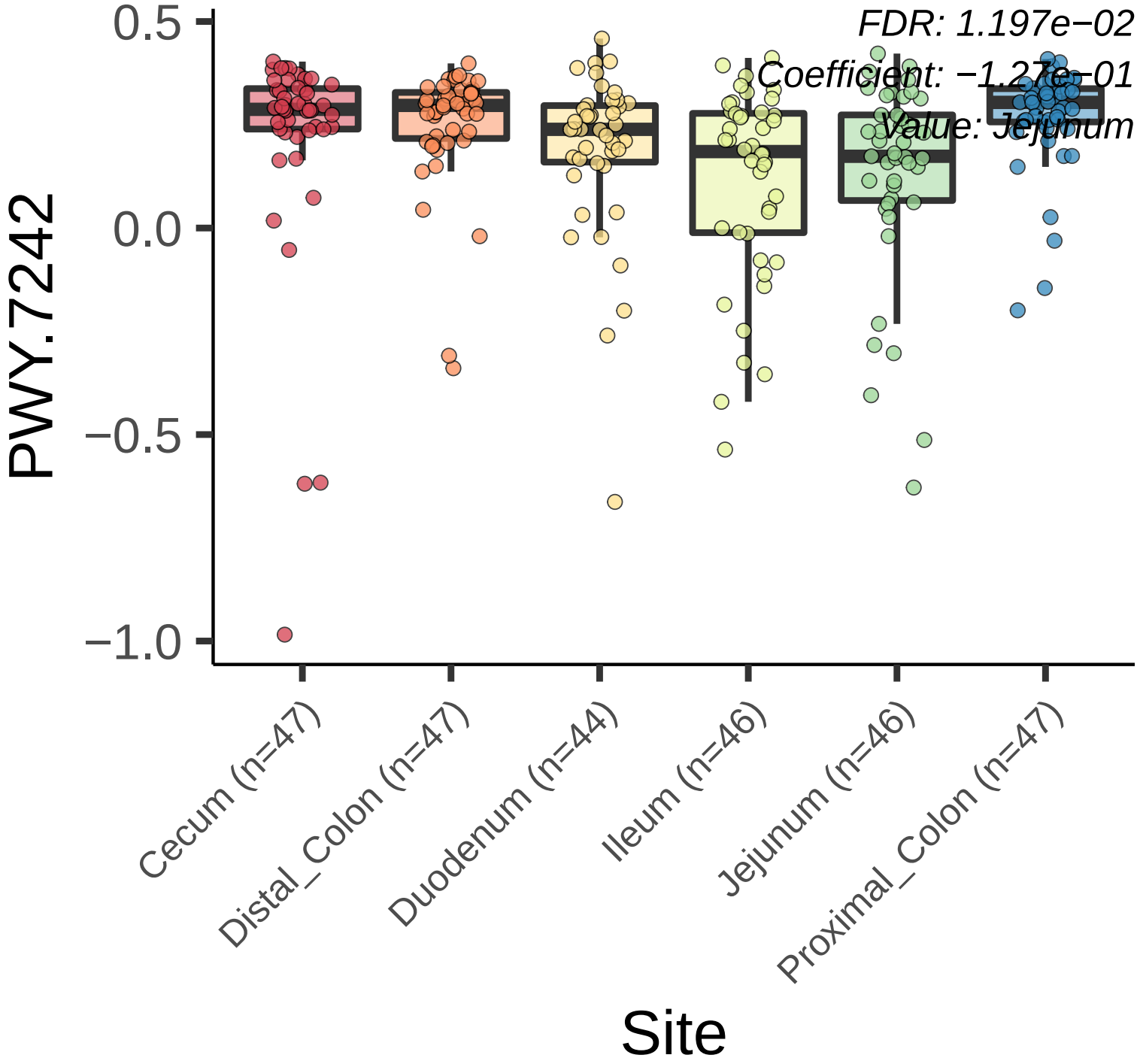
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.138e−02
Coefficient: 2.97e−02
Value: Jejunum
NONOXIPENT.PWY
0.6
0.5
0.4
0.3
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.151e−02
Coefficient: −4.63e−01
Value: Cecum
PWY0.845
0
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.172e−02
Coefficient: −1.09e−01
Value: Ileum
PANTO.PWY
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.27e−01
Value: Jejunum
PWY.7242
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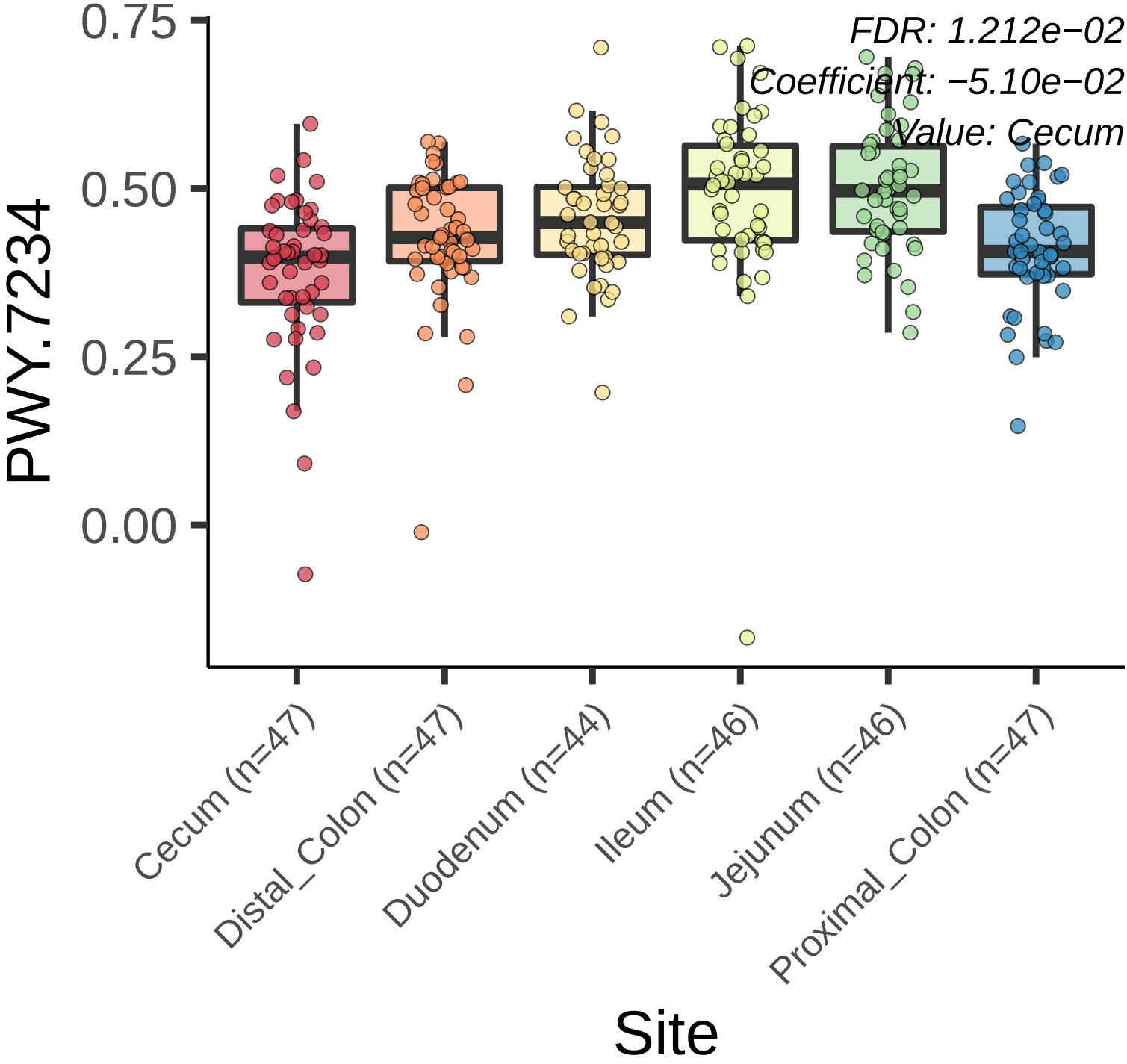
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Cecum
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0.25
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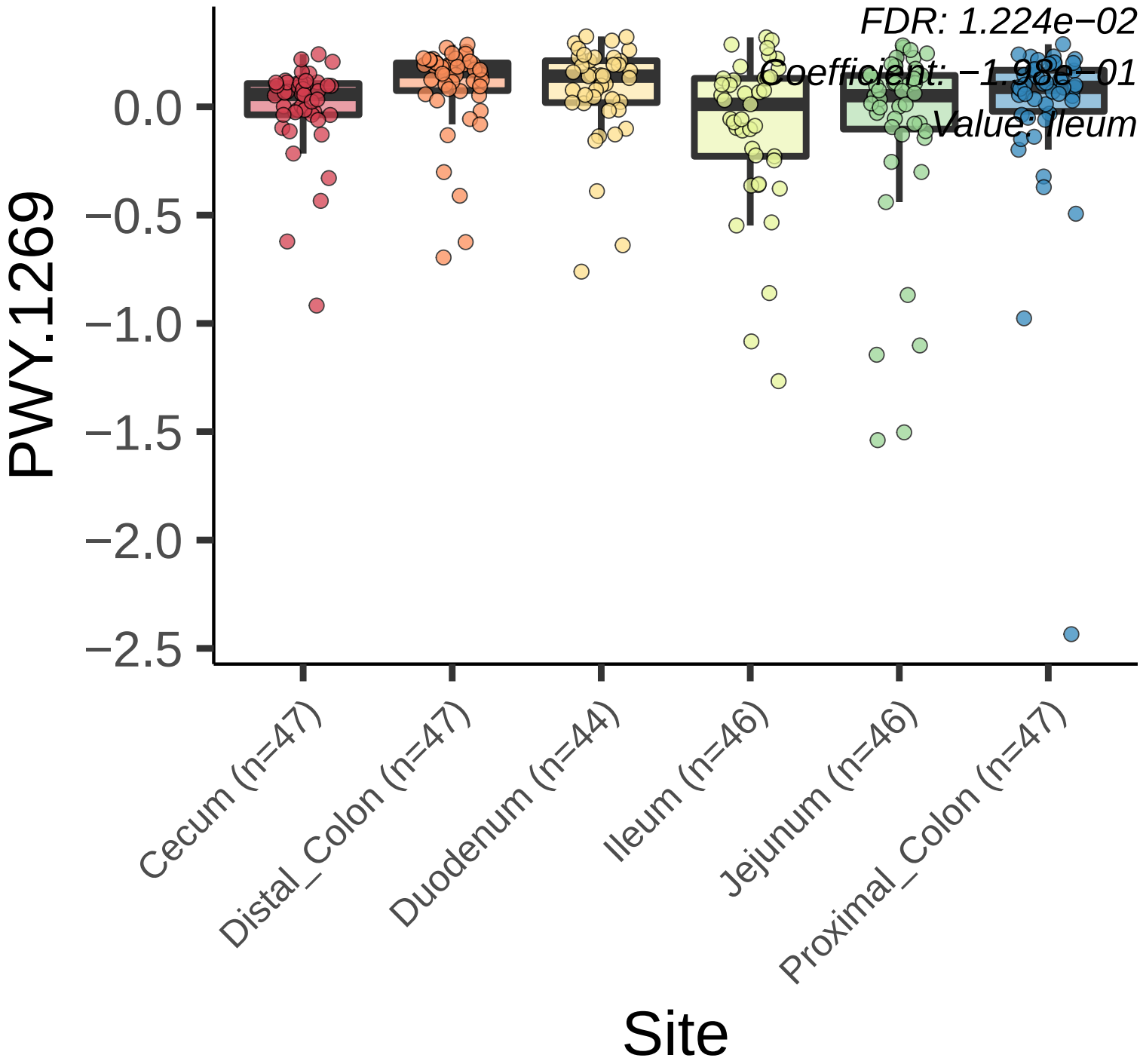
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.224e−02
Coefficient: −1.98e−01
Value: Ileum
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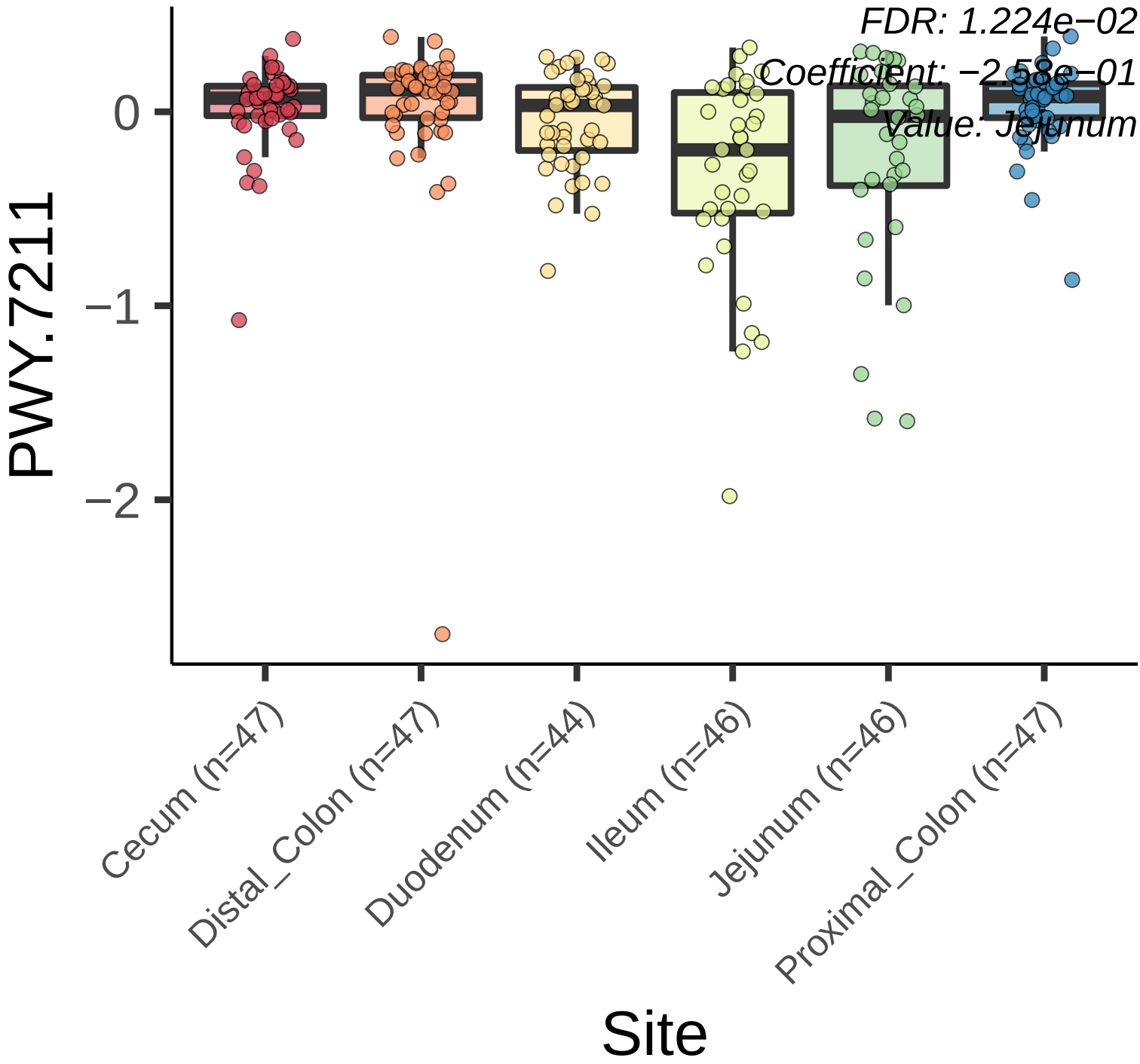
−1.0
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.224e−02
Coefficient: −2.58e−01
Value: Jejunum
PWY.7211
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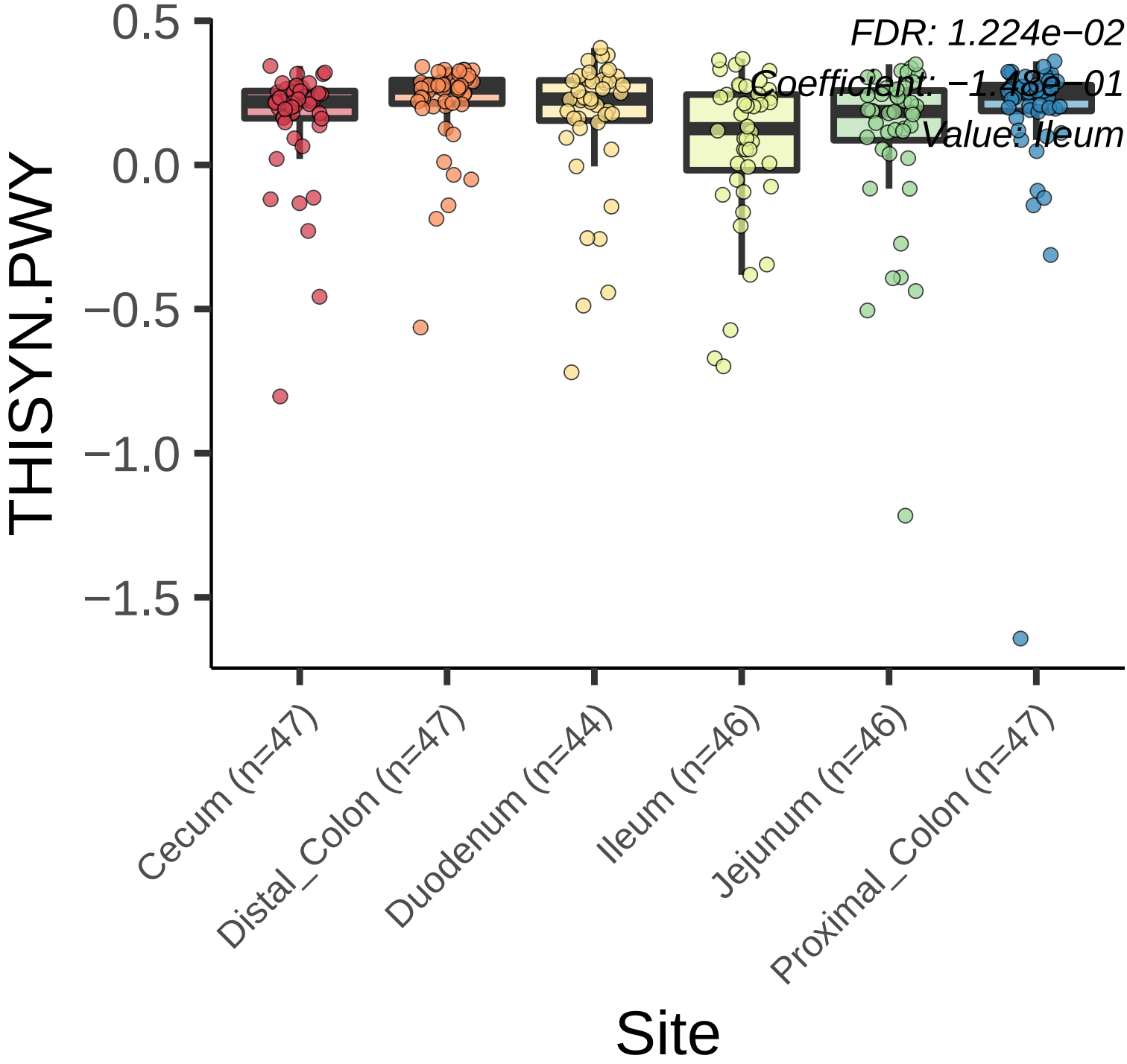
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Ileum
THISYN.PWY
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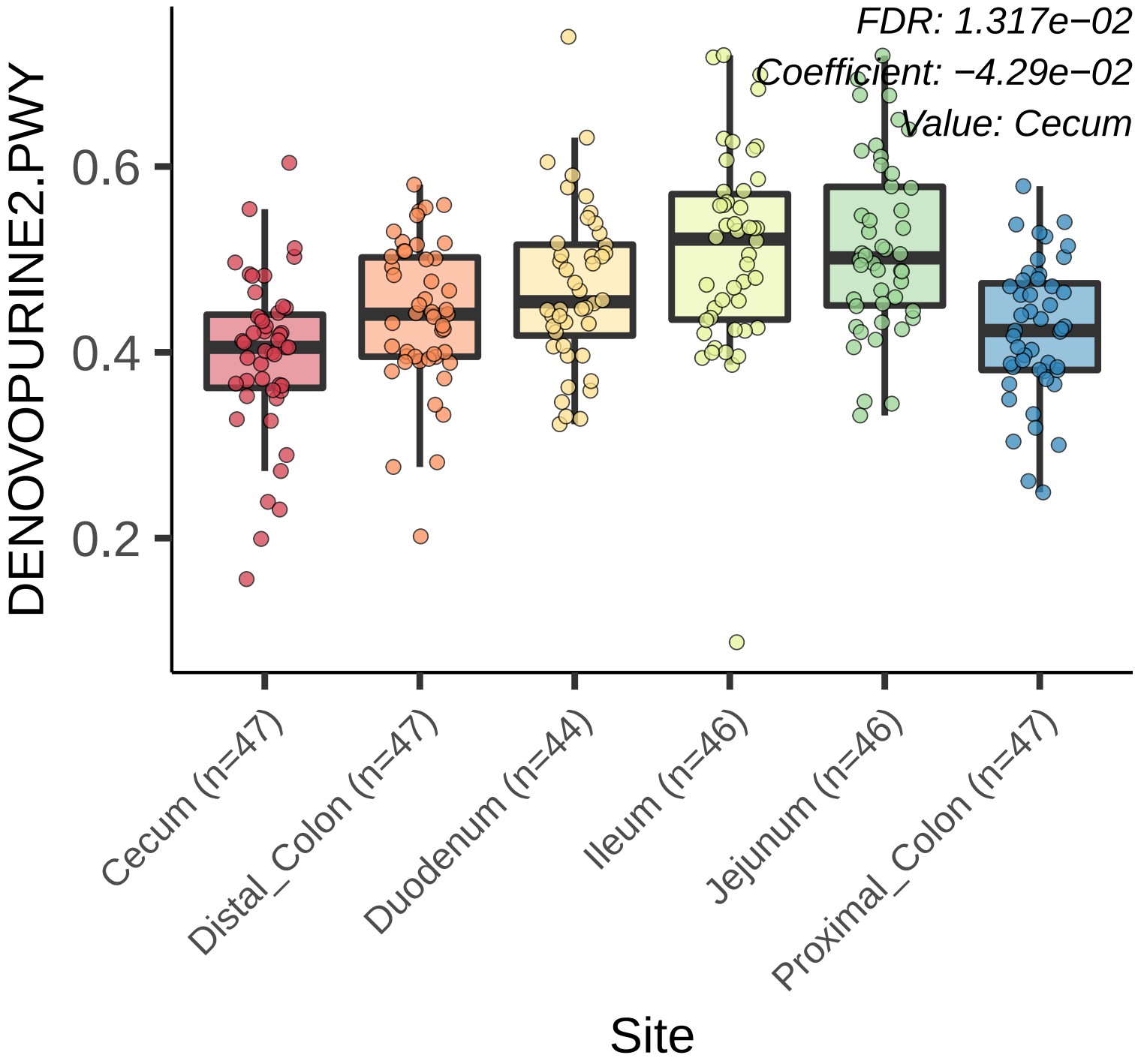
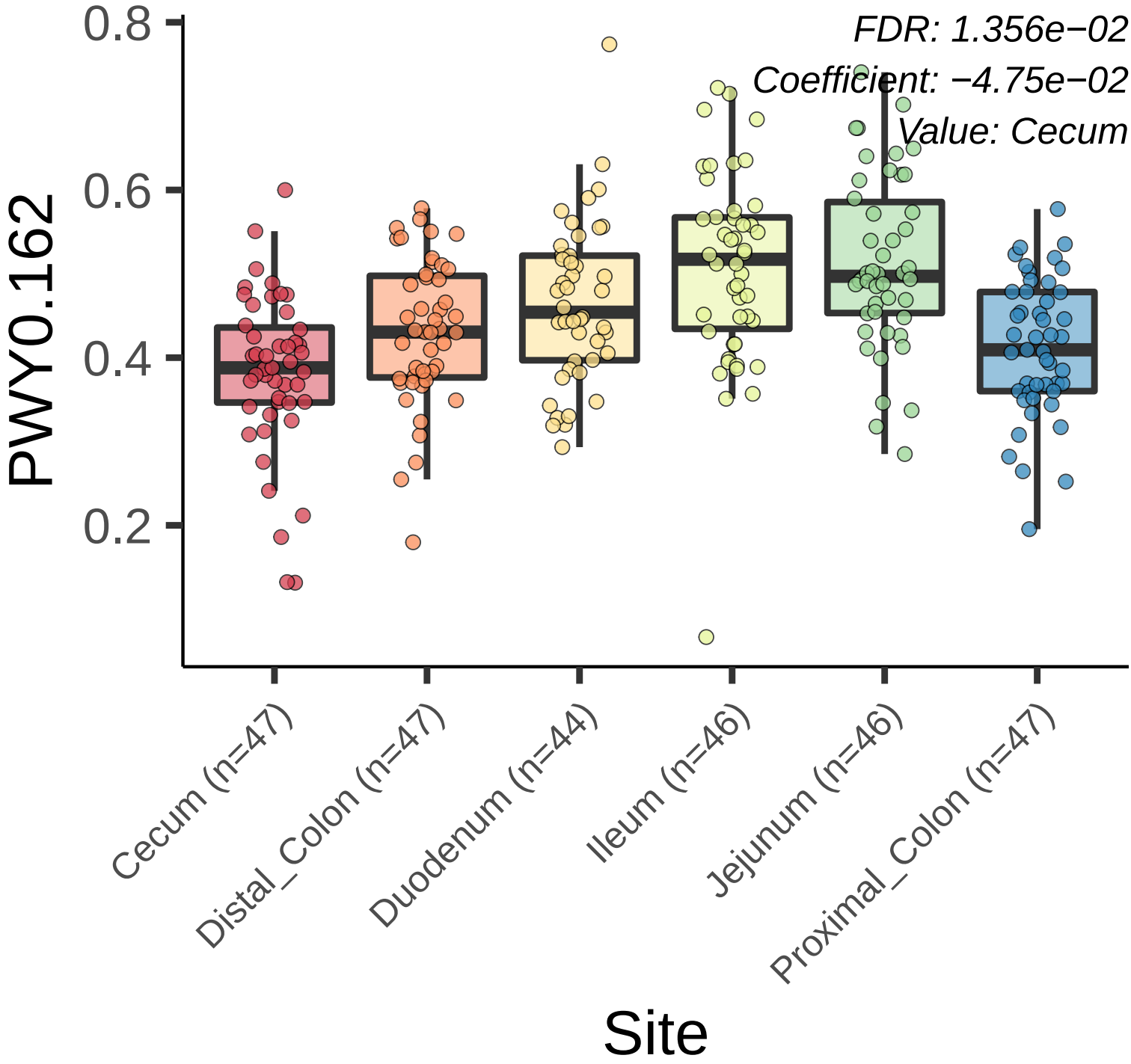
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.317e−02
Coefficient: −4.29e−02
Value: Cecum
DENOVOPURINE2.PWY
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.356e−02
Coefficient: −4.75e−02
Value: Cecum
PWY0.162
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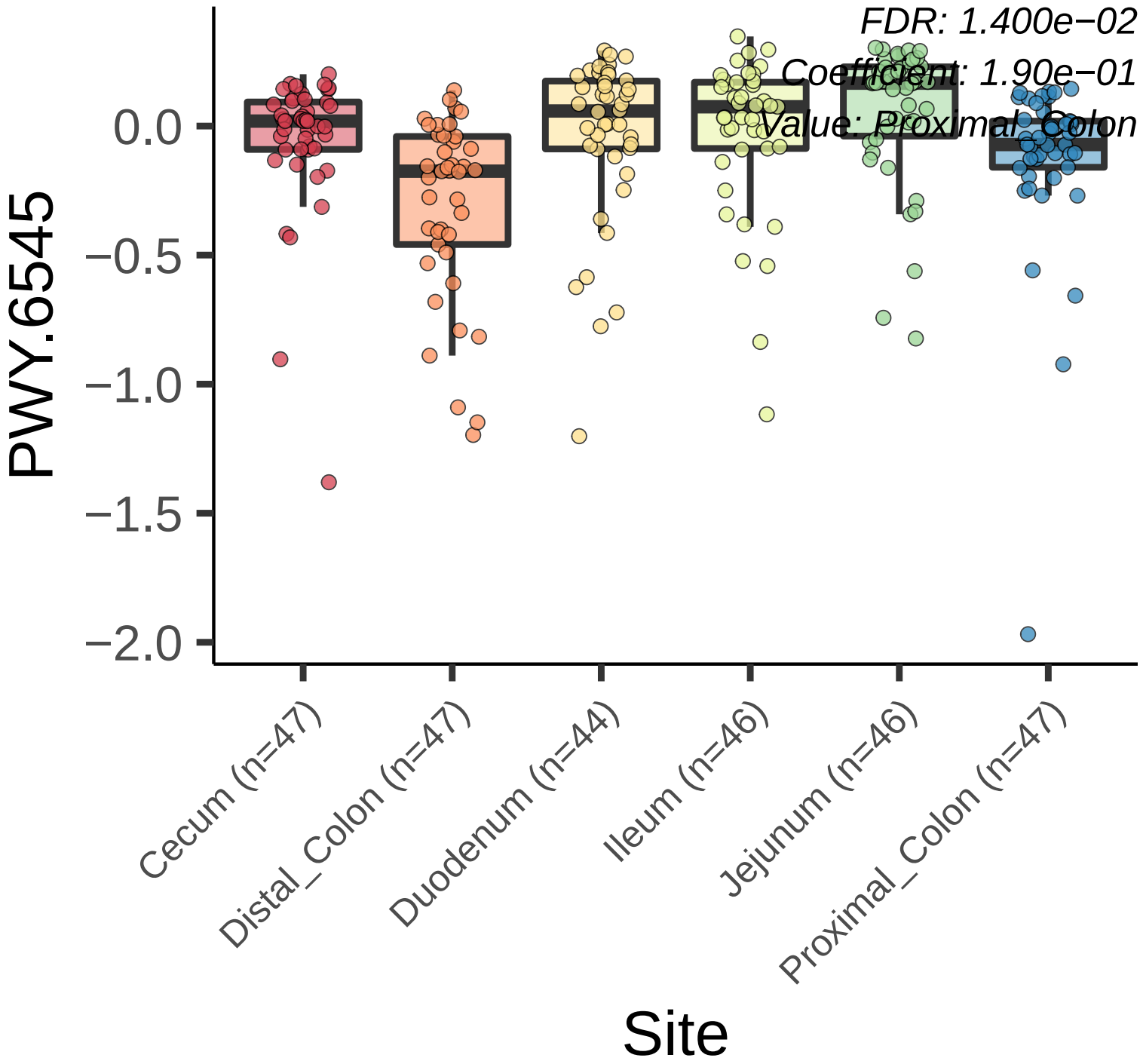
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.400e−02
Coefficient: 1.90e−01
Value: Proximal_Colon
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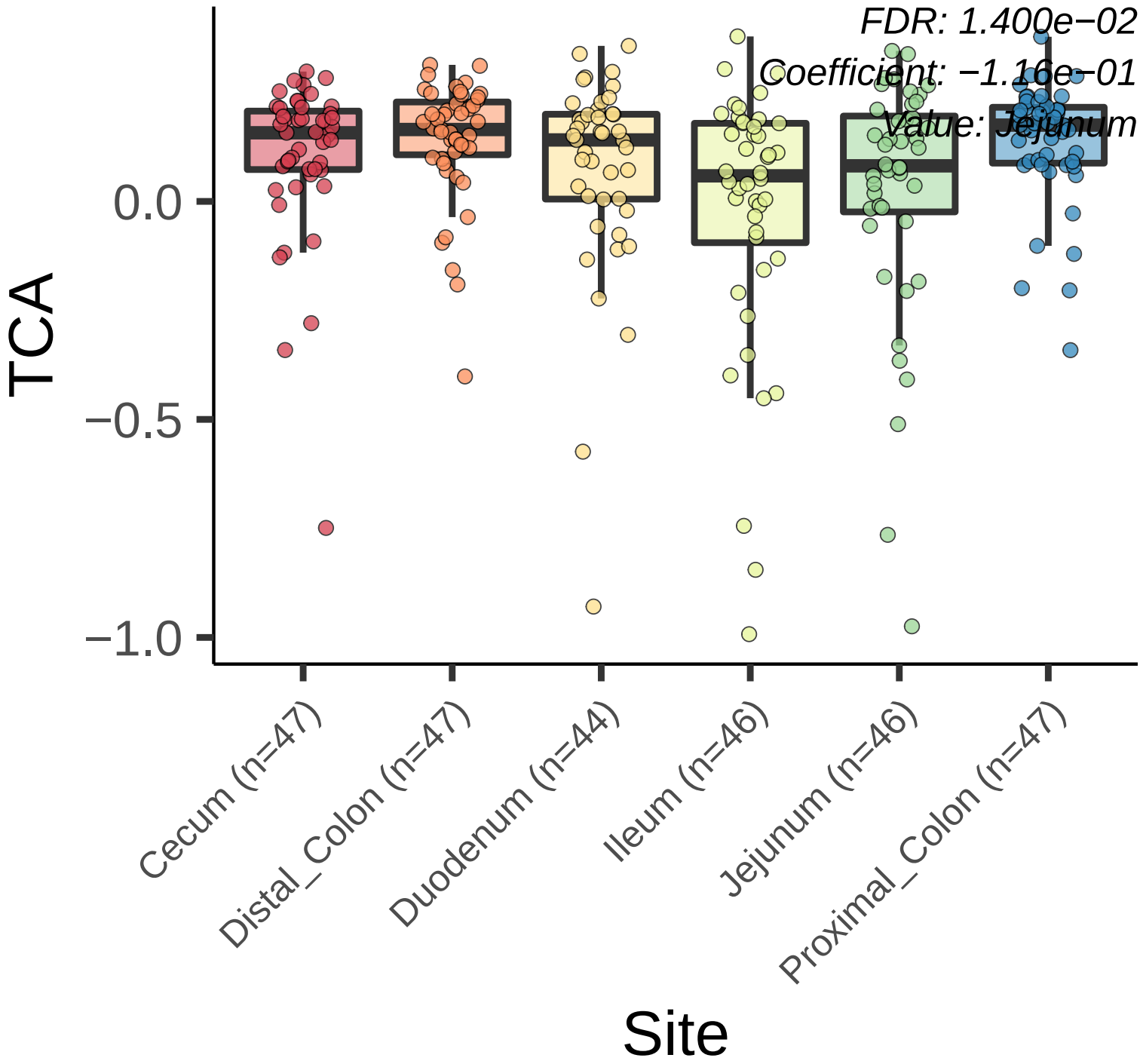
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.16e−01
Value: Jejunum
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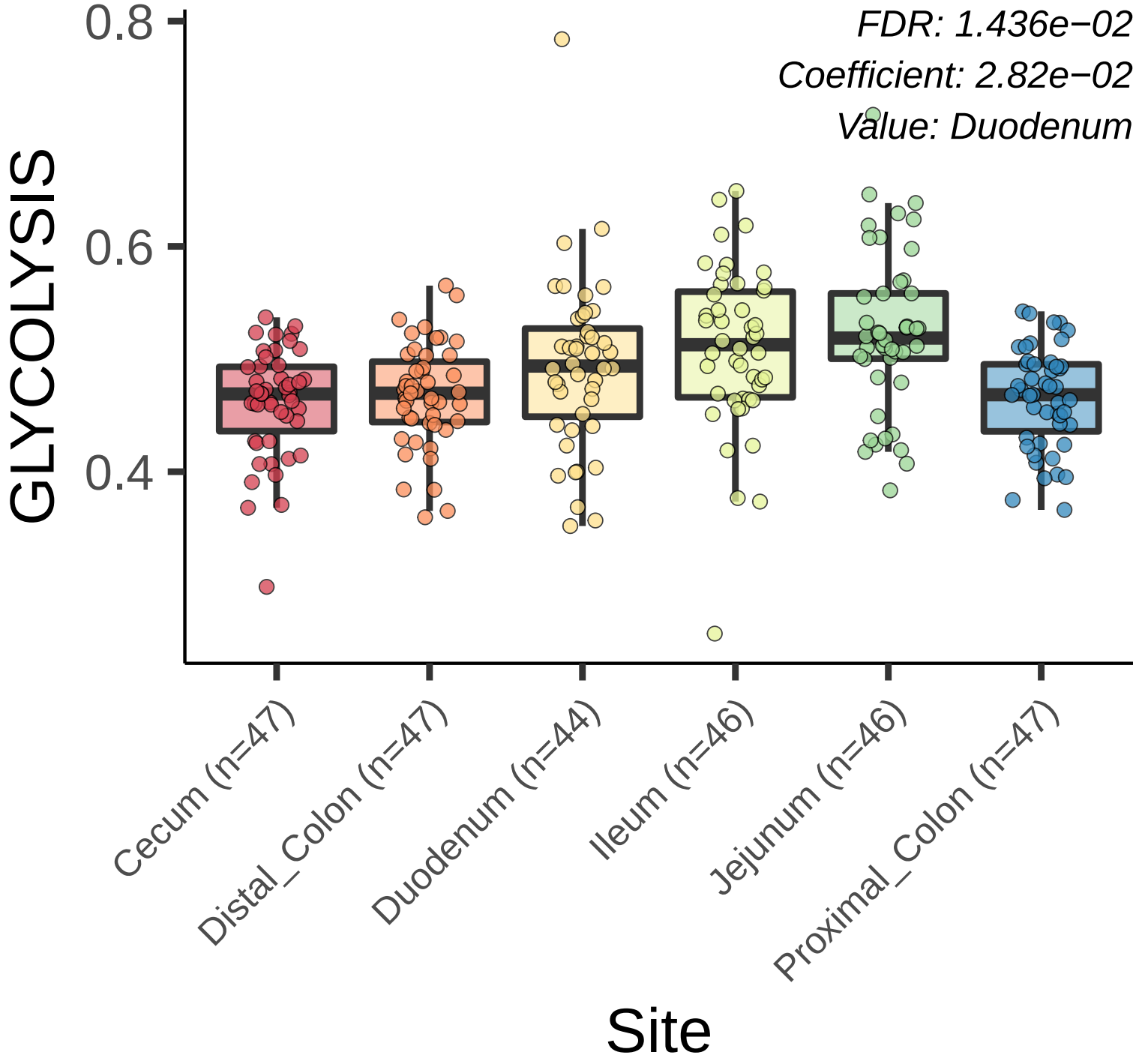
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.436e−02
Coefficient: 2.82e−02
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GLYCOLYSIS
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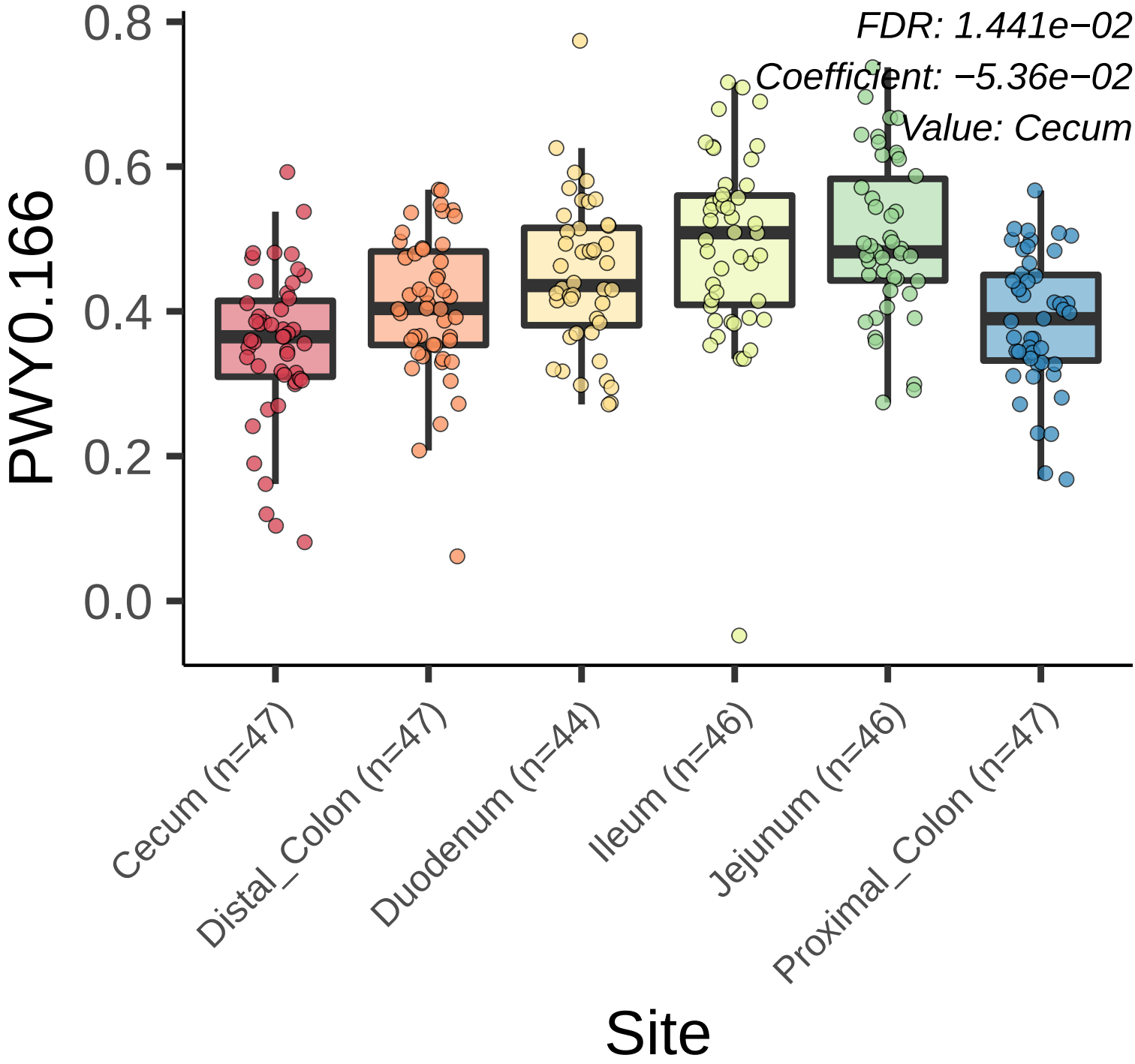
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.441e−02
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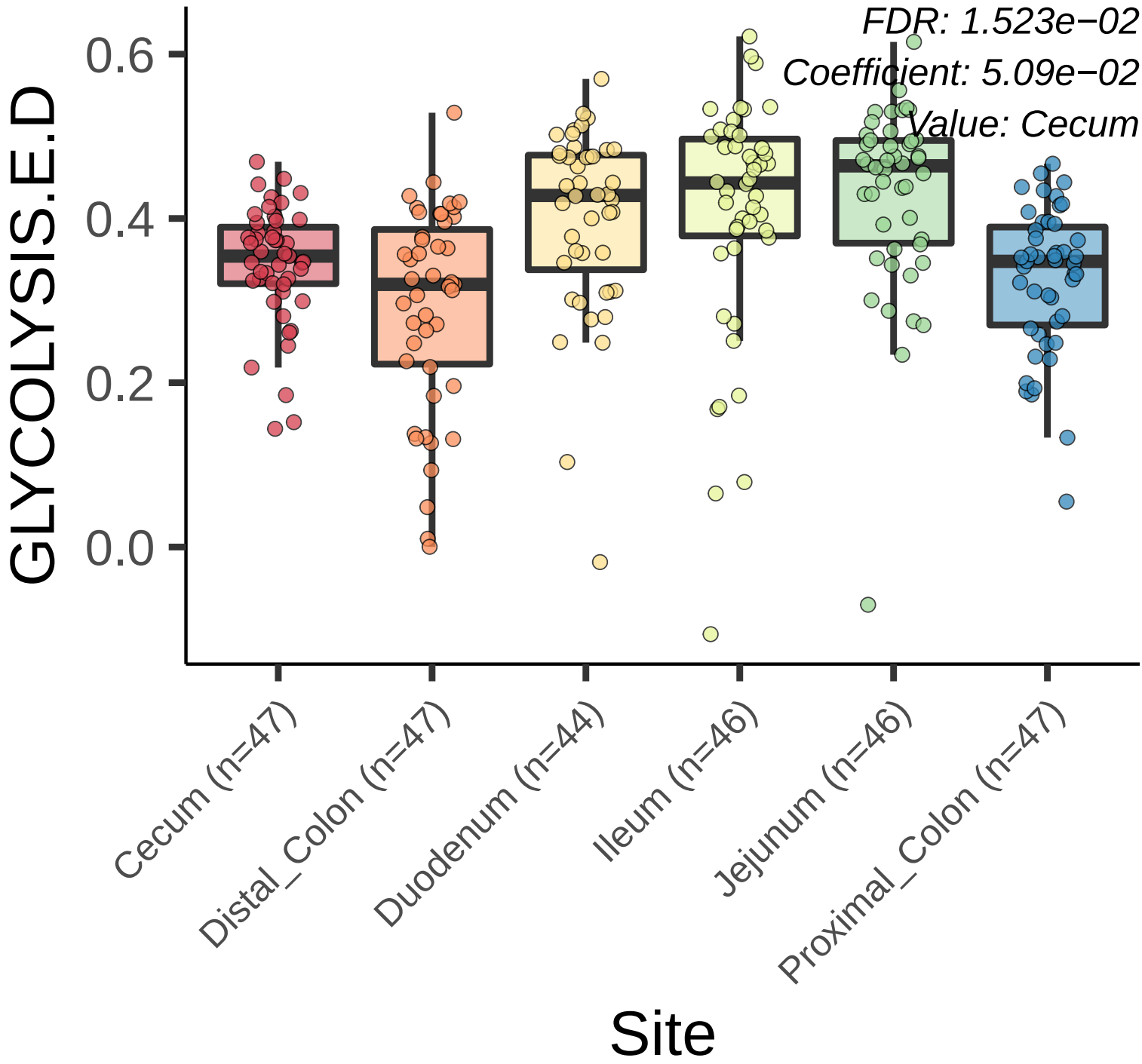
0.6
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.523e−02
Coefficient: 5.09e−02
Value: Cecum
GLYCOLYSIS.E.D
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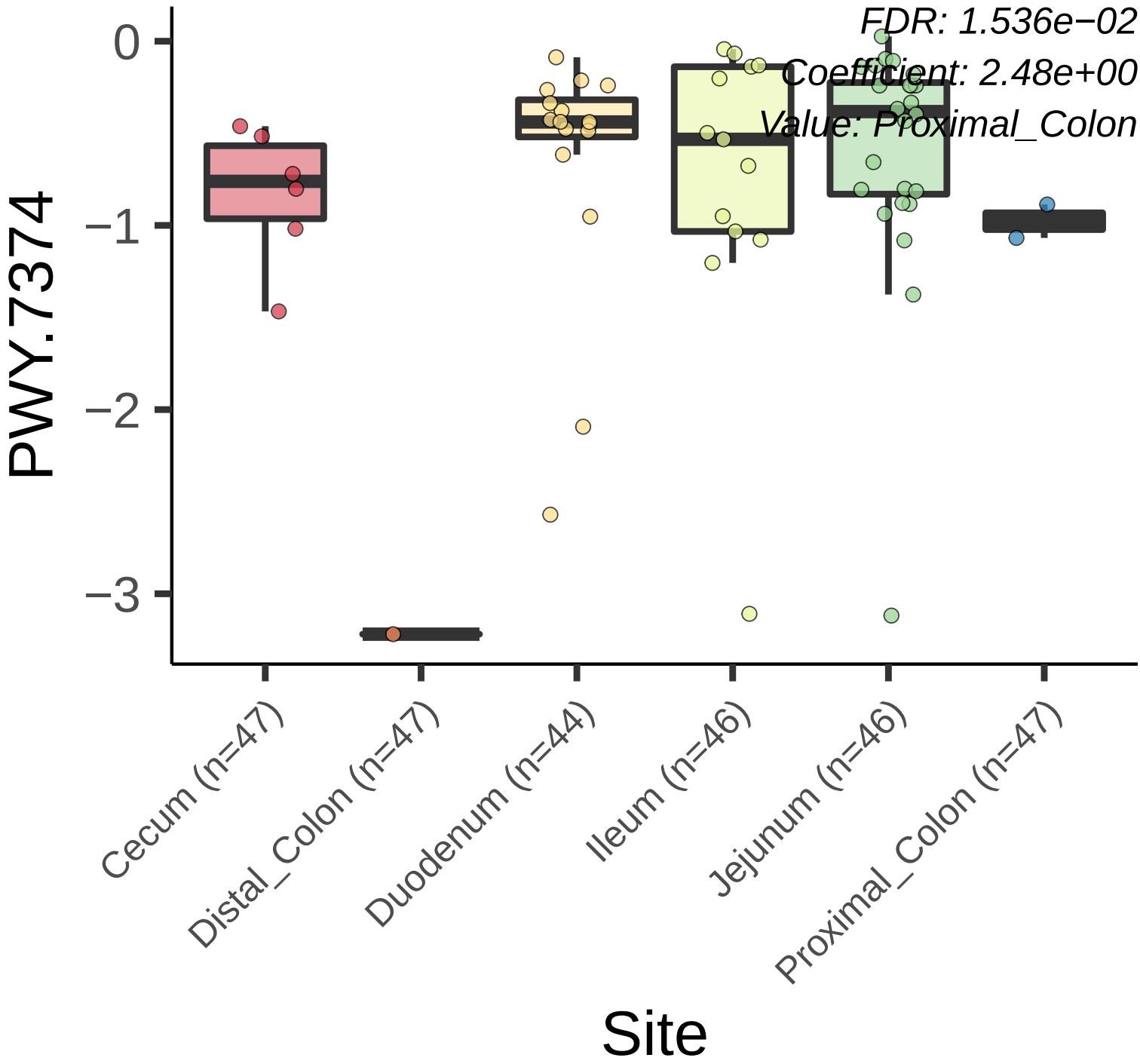
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.536e−02
Coefficient: 2.48e+00
Value: Proximal_Colon
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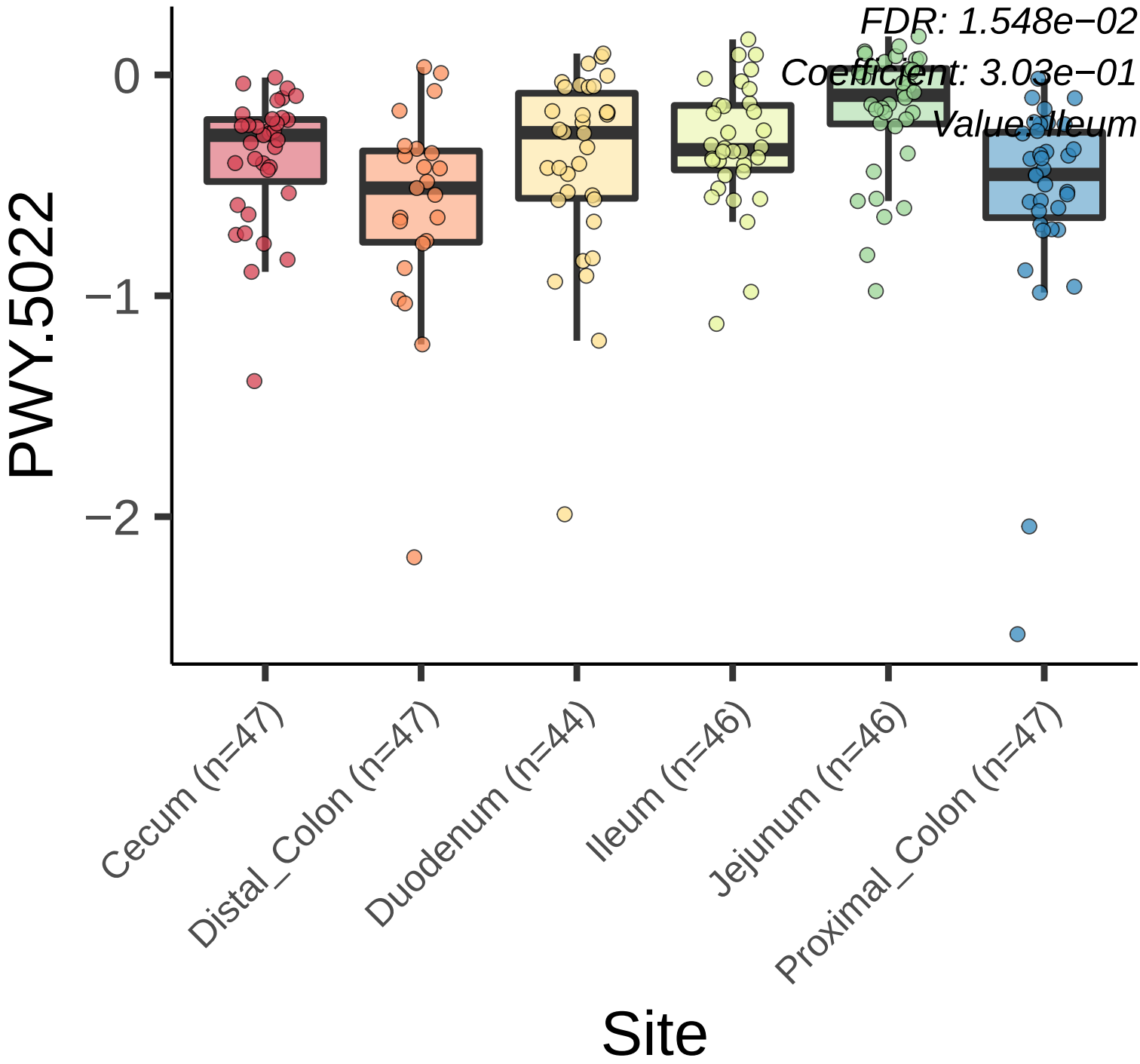
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.548e−02
Coefficient: 3.03e−01
Value: Ileum
PWY.5022
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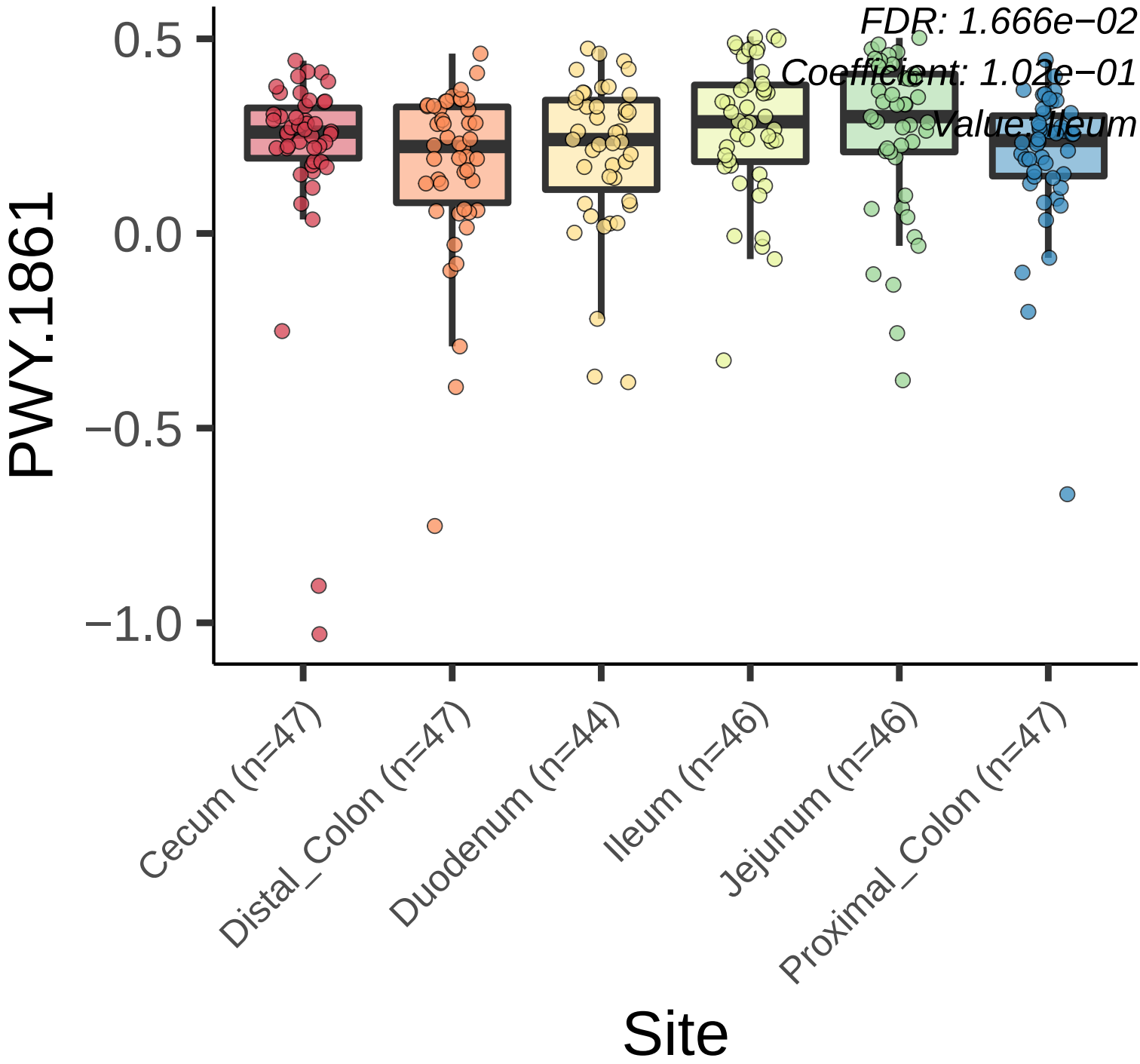
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.02e−01
Value: Ileum
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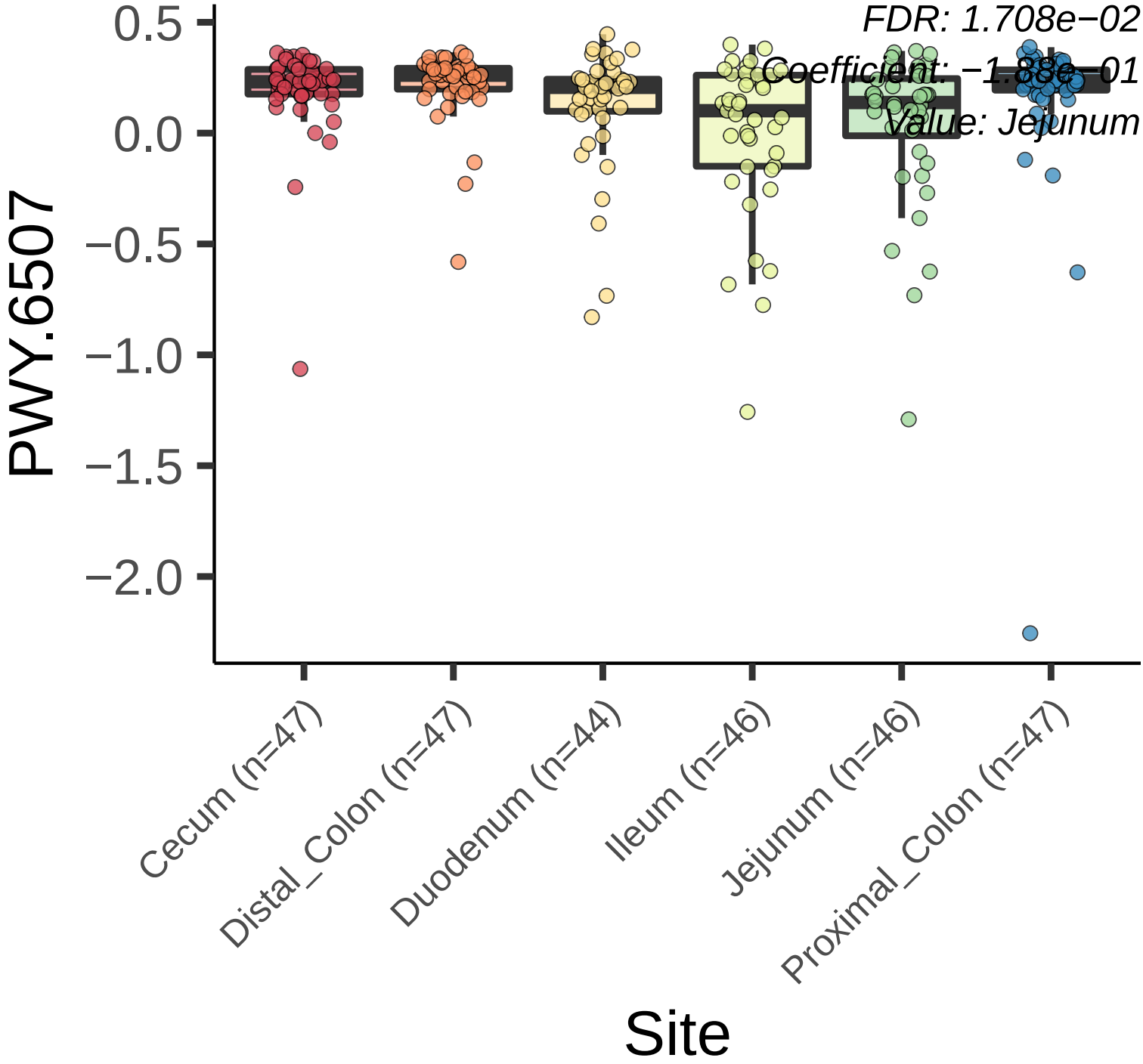
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.708e−02
Coefficient: −1.88e−01
Value: Jejunum
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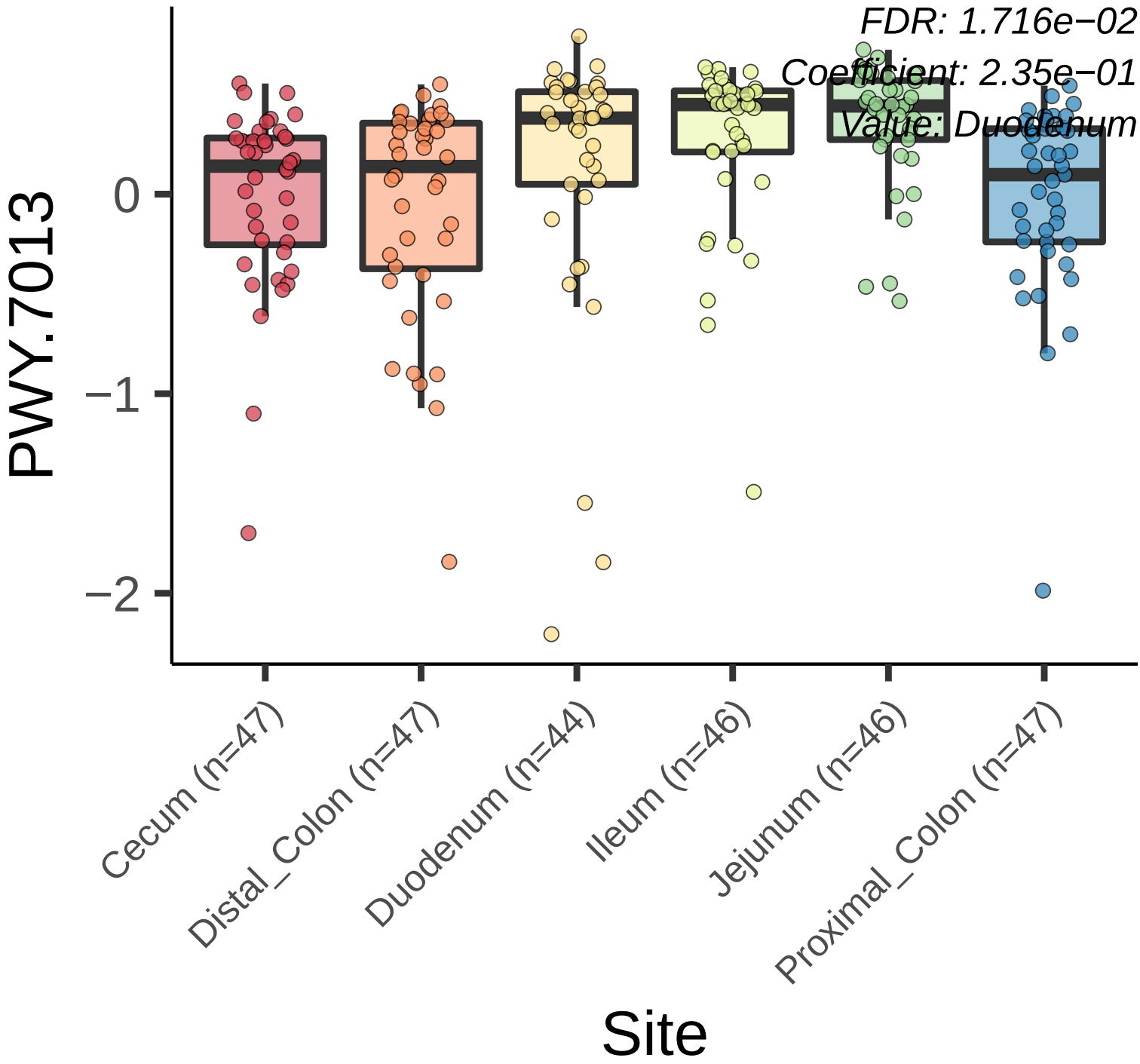
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.716e−02
Coefficient: 2.35e−01
Value: Duodenum
PWY.7013
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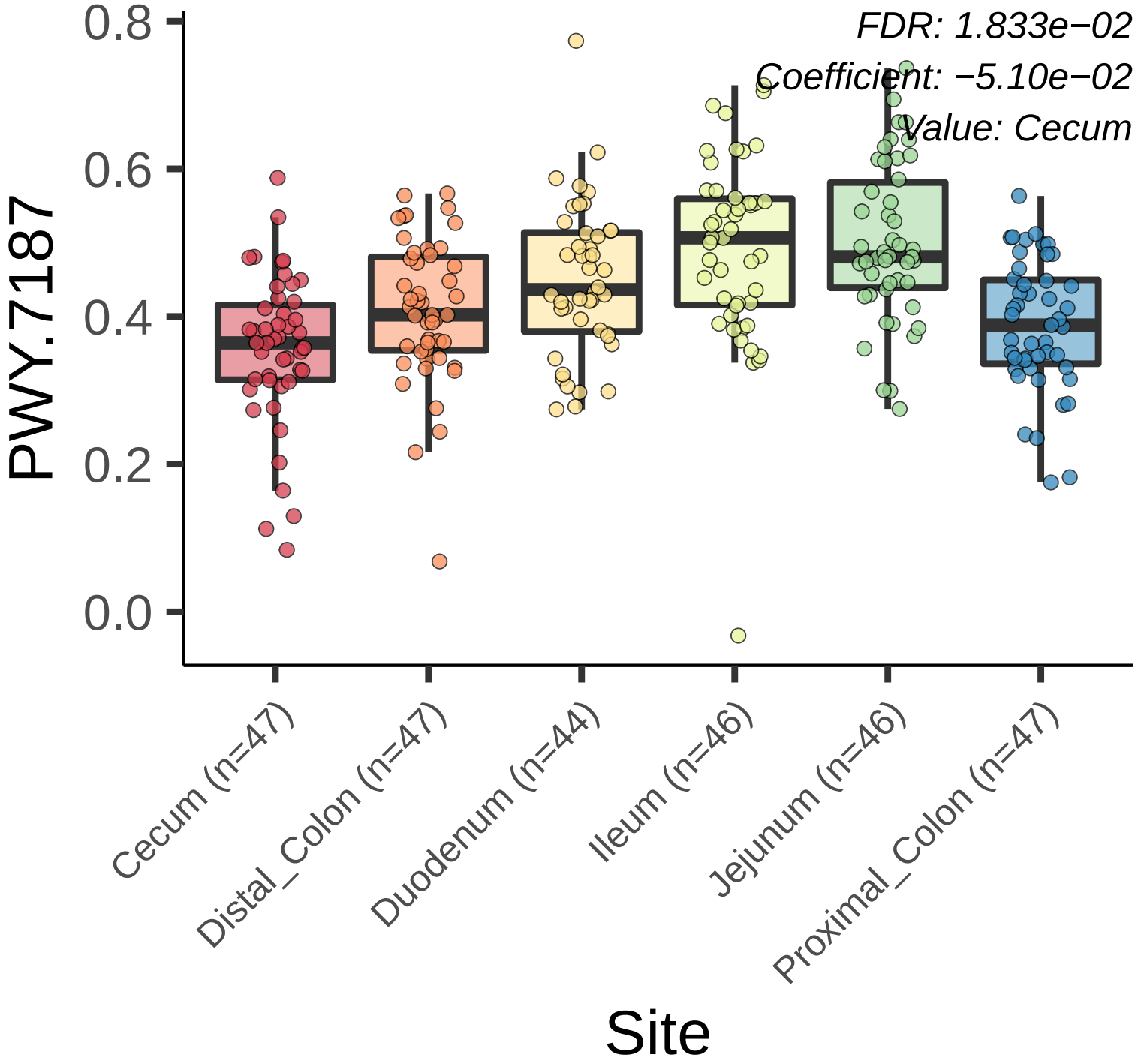
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −5.10e−02
Value: Cecum
PWY.7187
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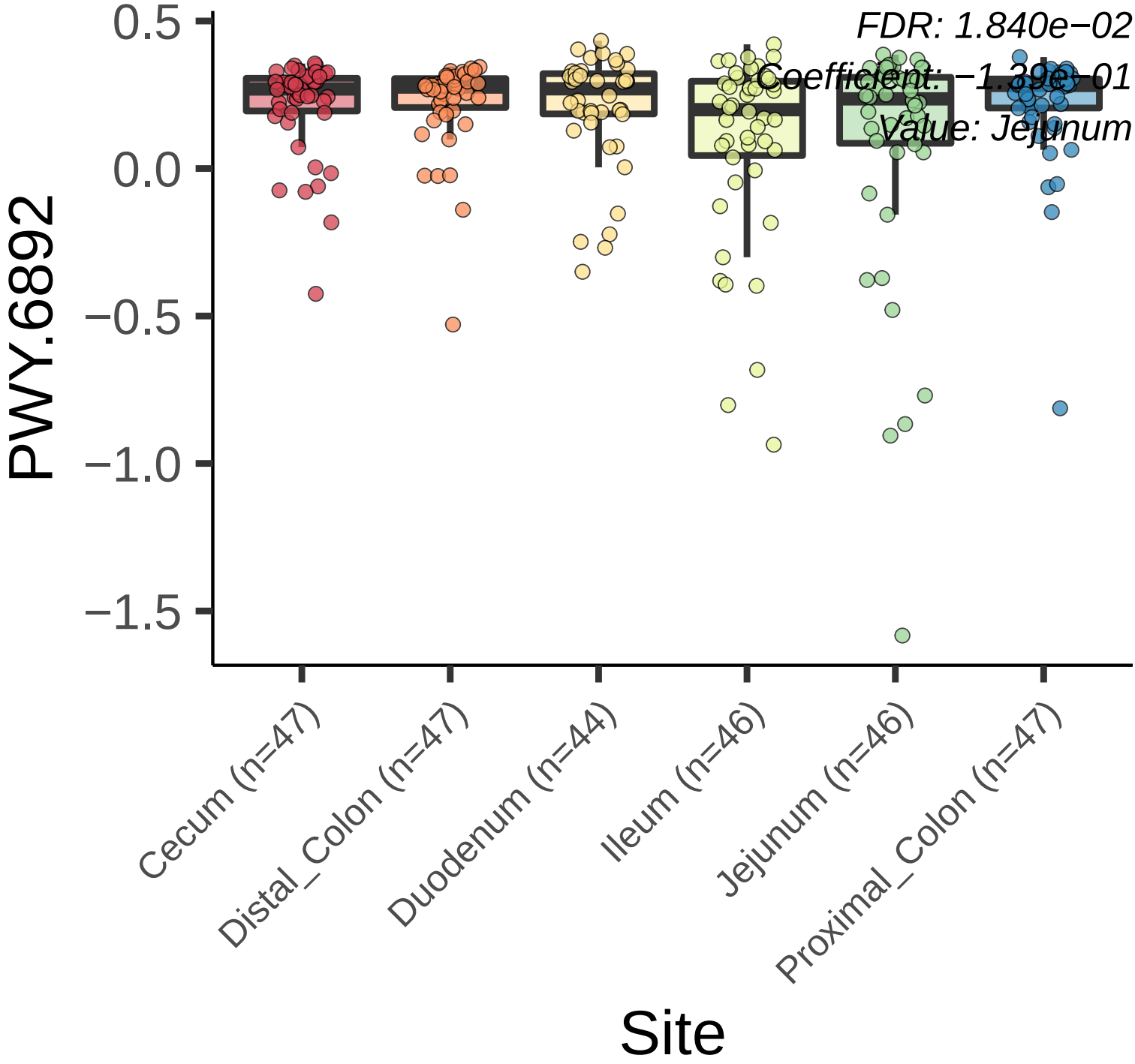
0.6
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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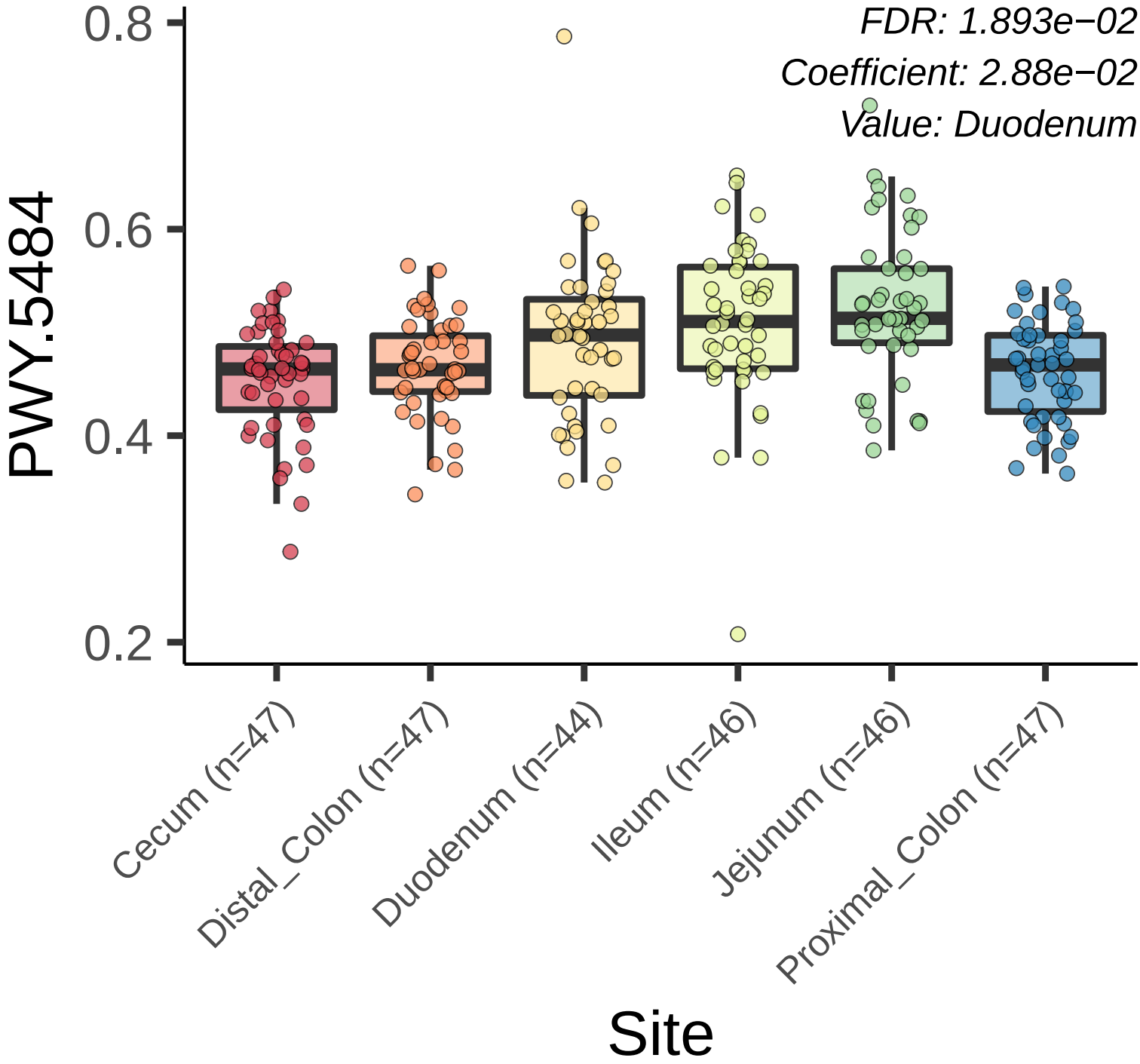
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Duodenum (n=44)
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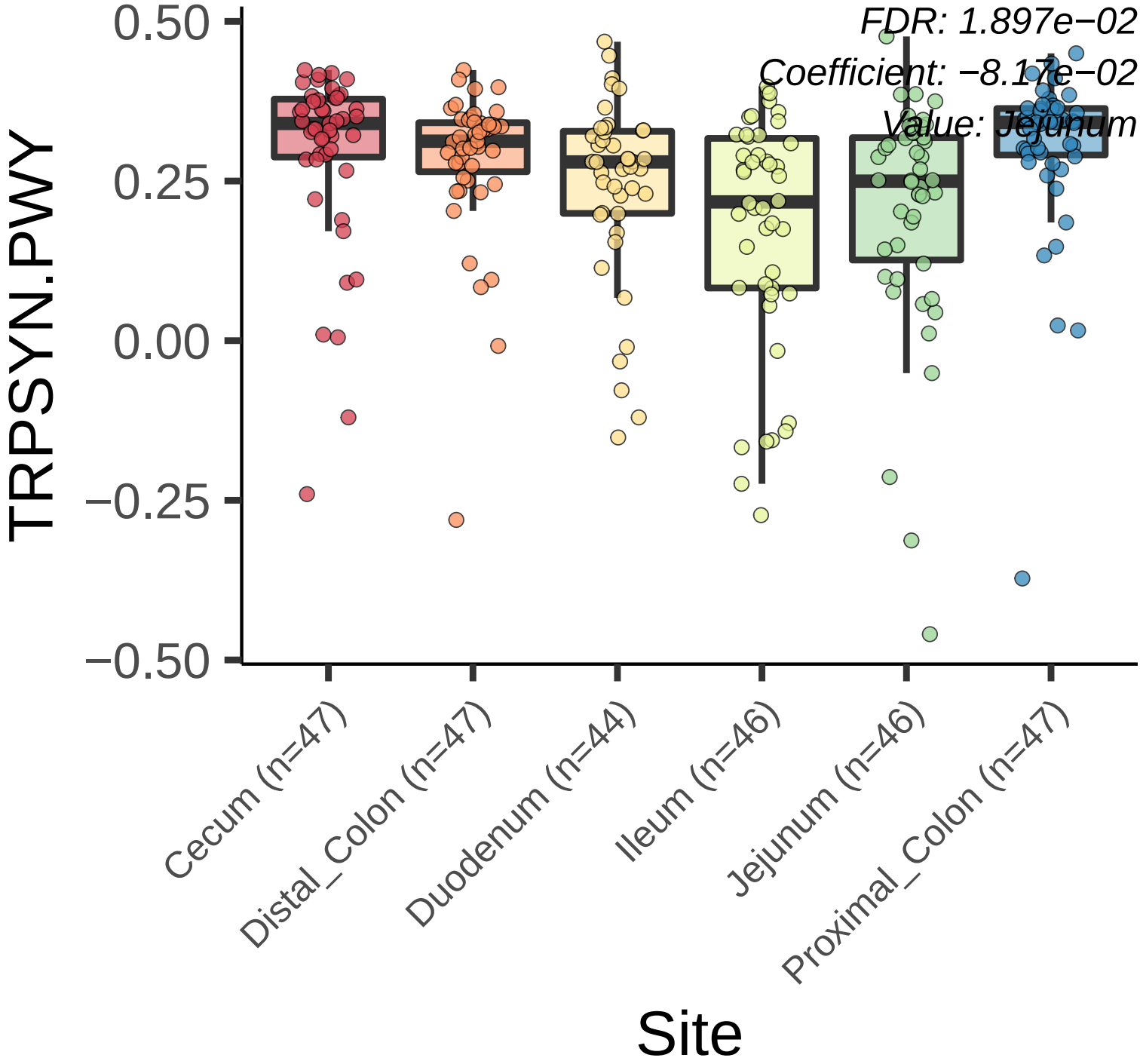
Jejunum (n=46)
Proximal_Colon (n=47)
Site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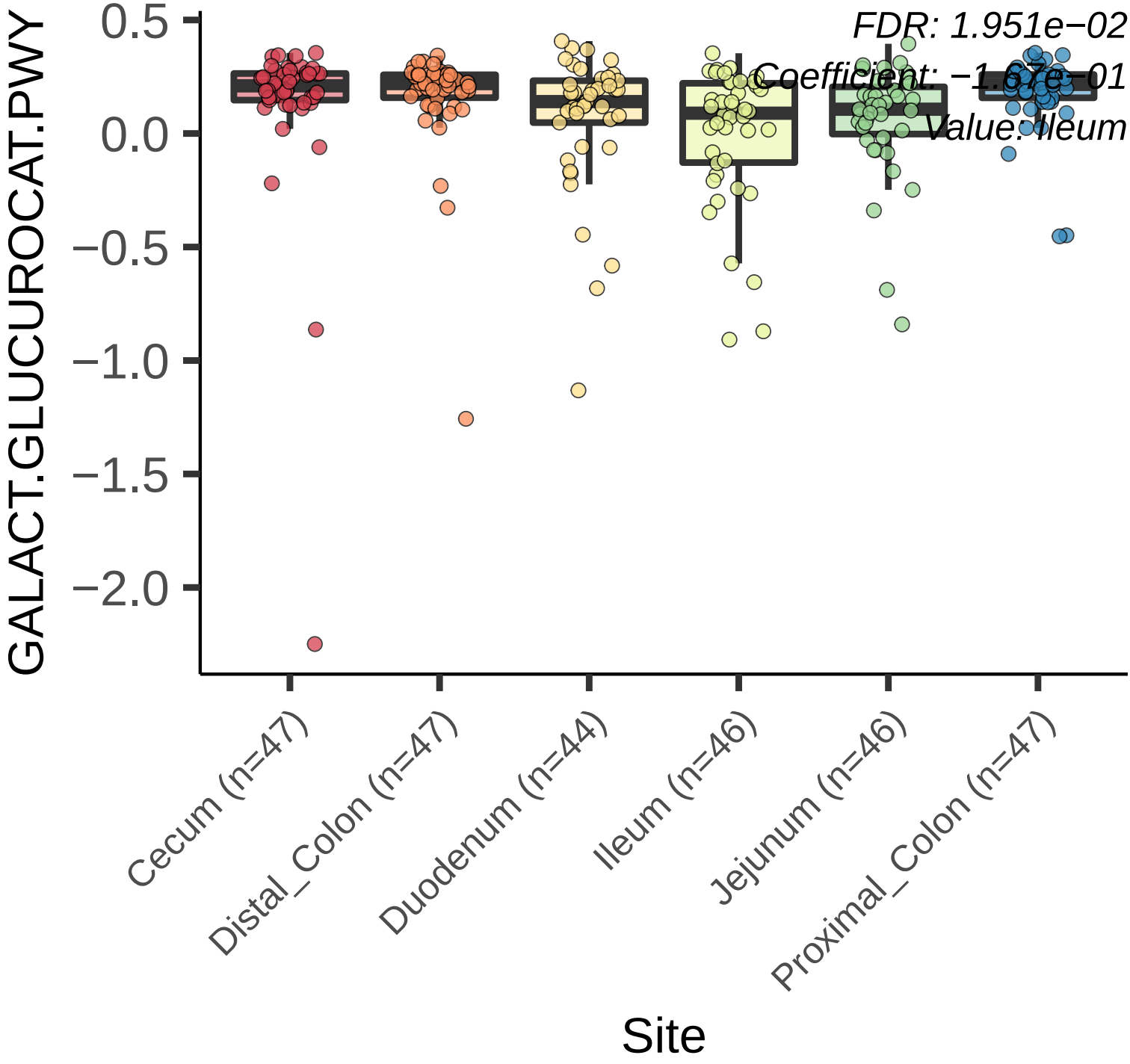
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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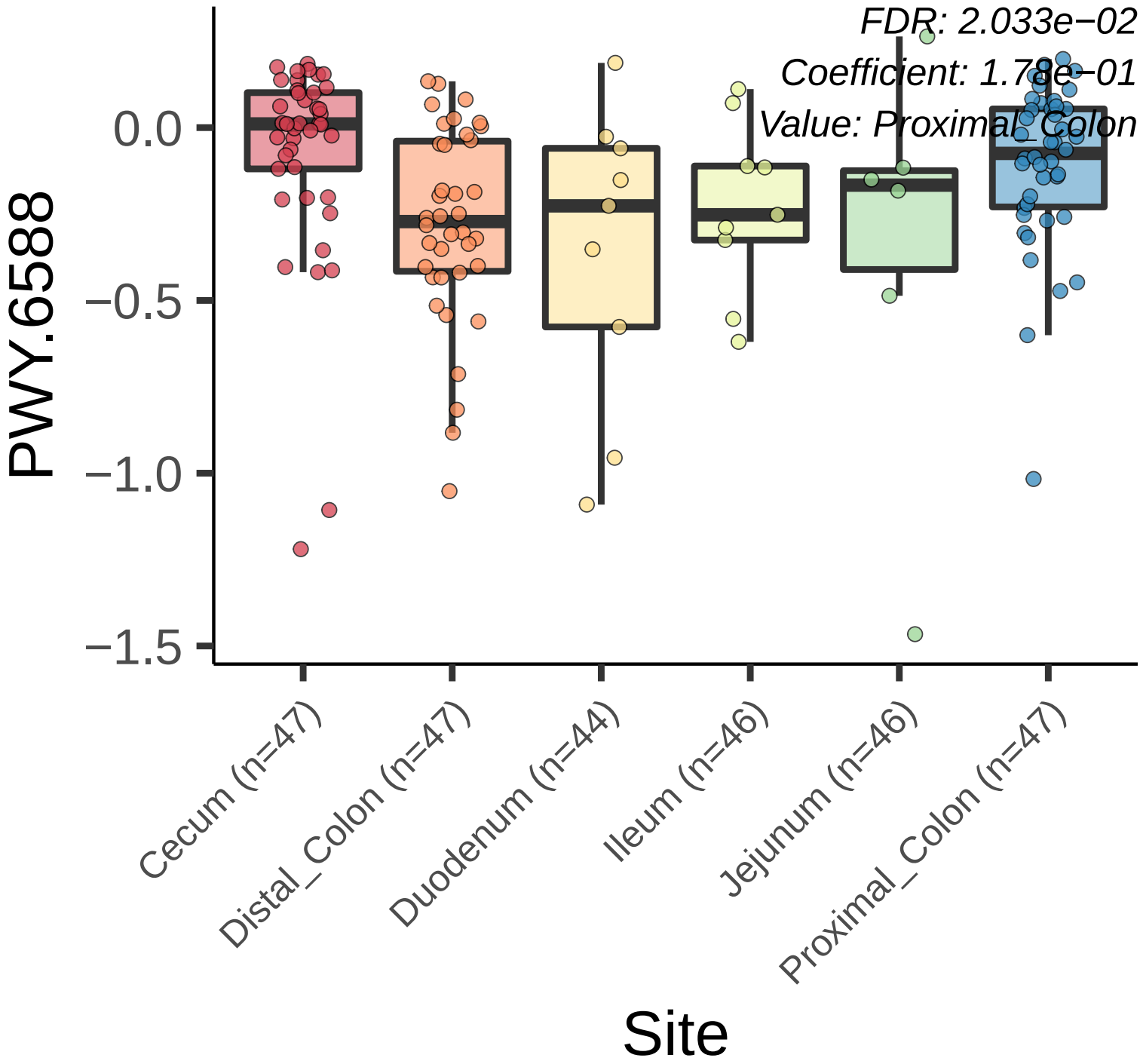
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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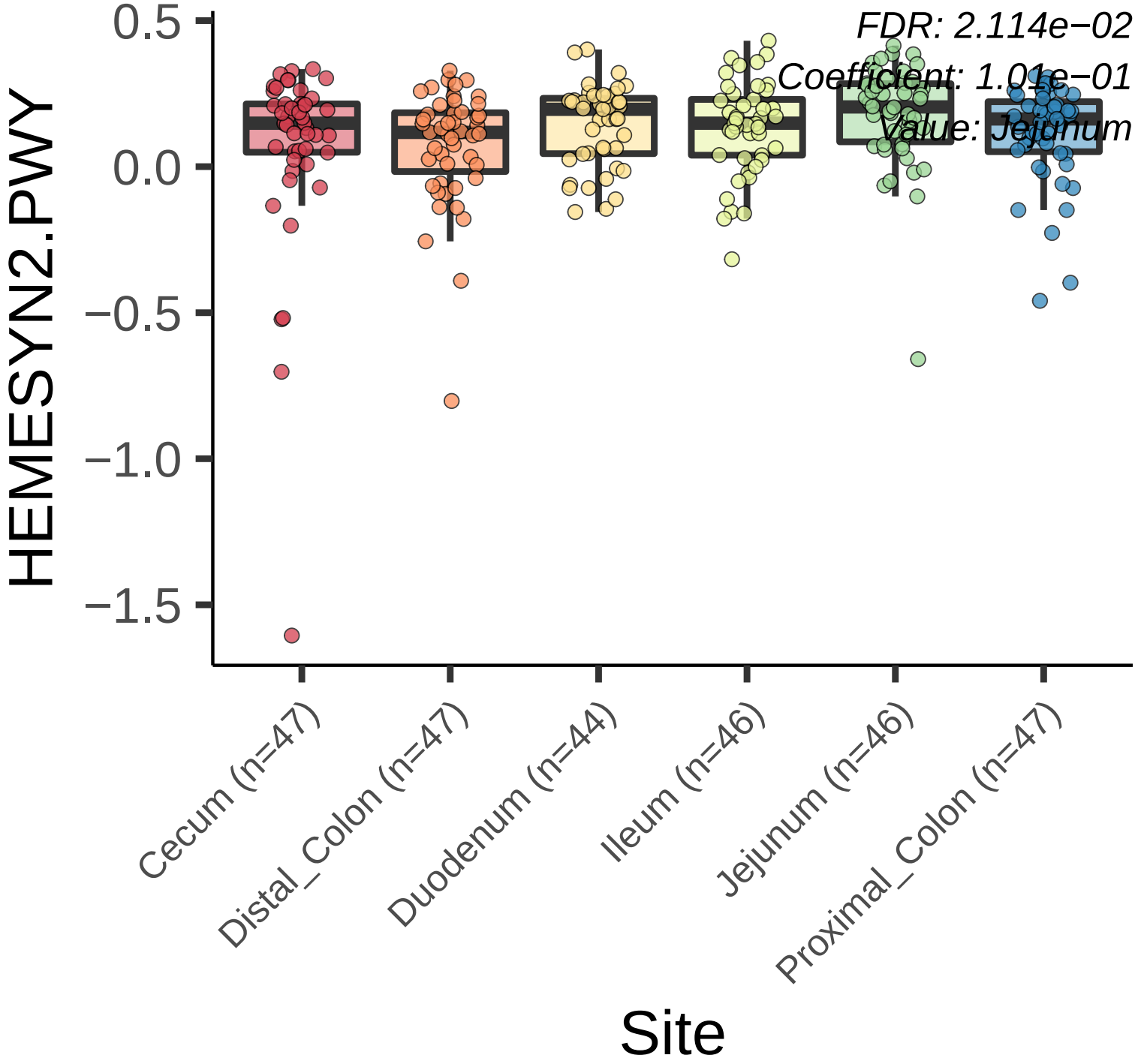
Jejunum (n=46)
Proximal_Colon (n=47)
Site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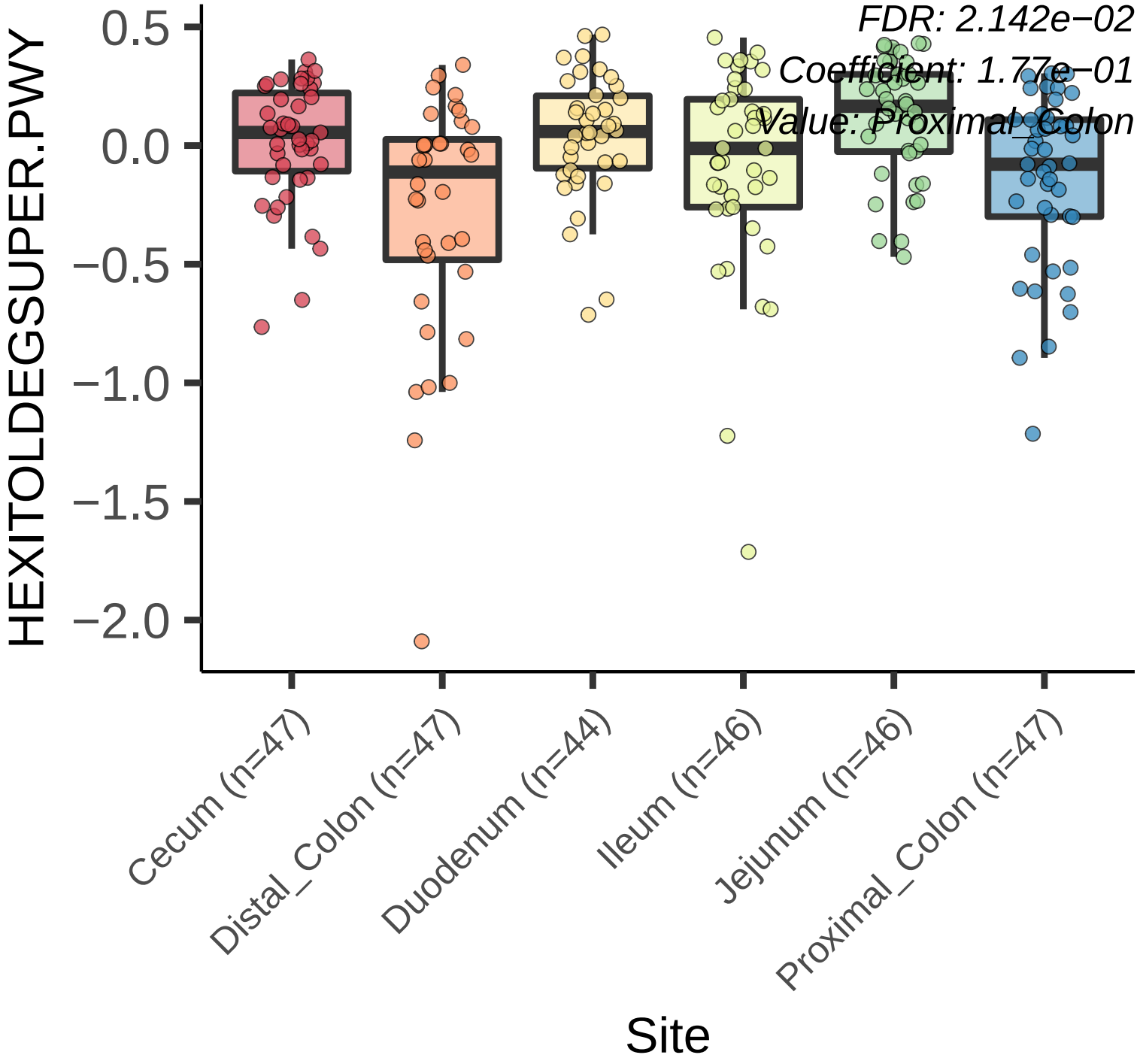
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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HEXITOLDEGSUPER.PWY
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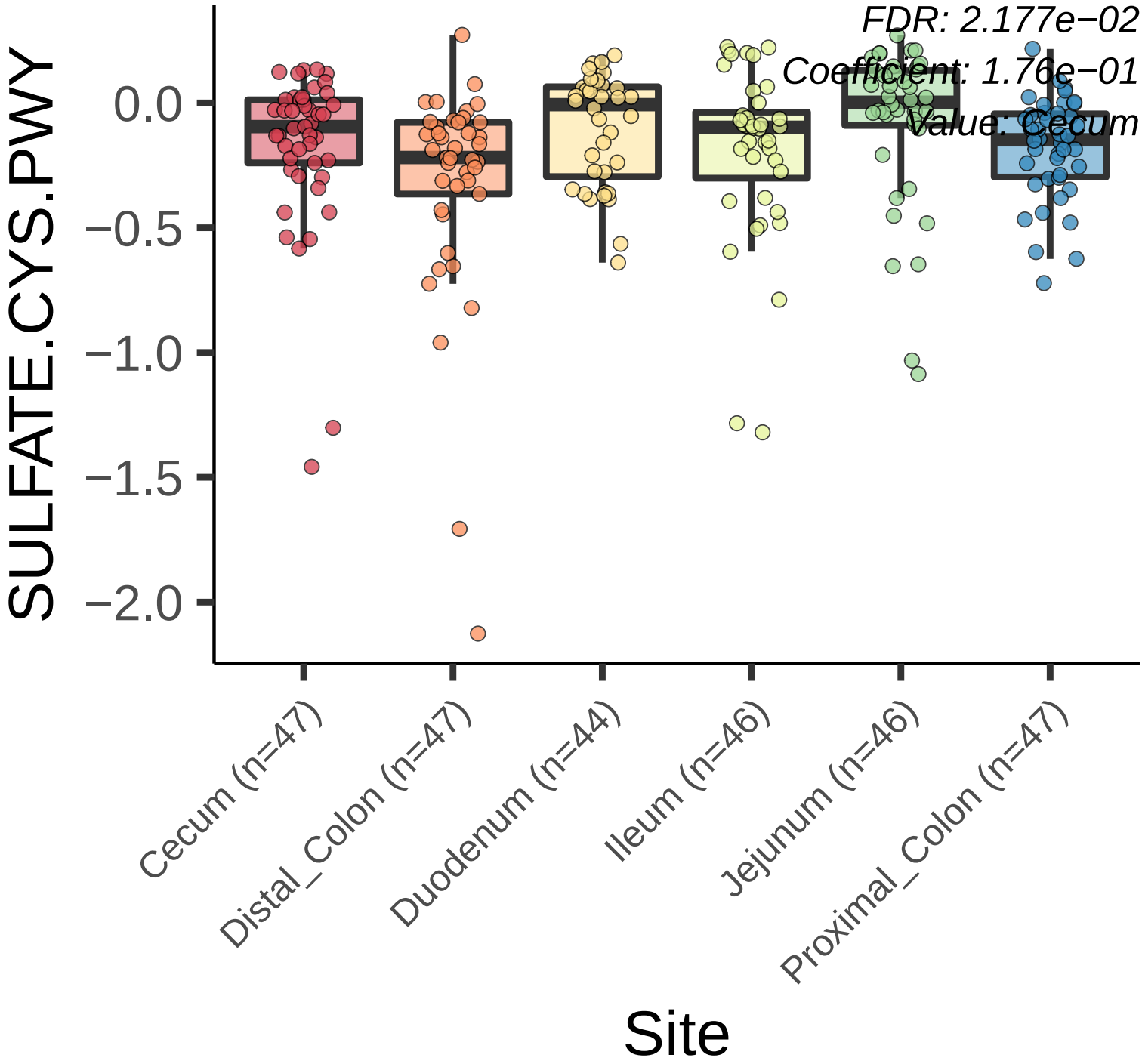
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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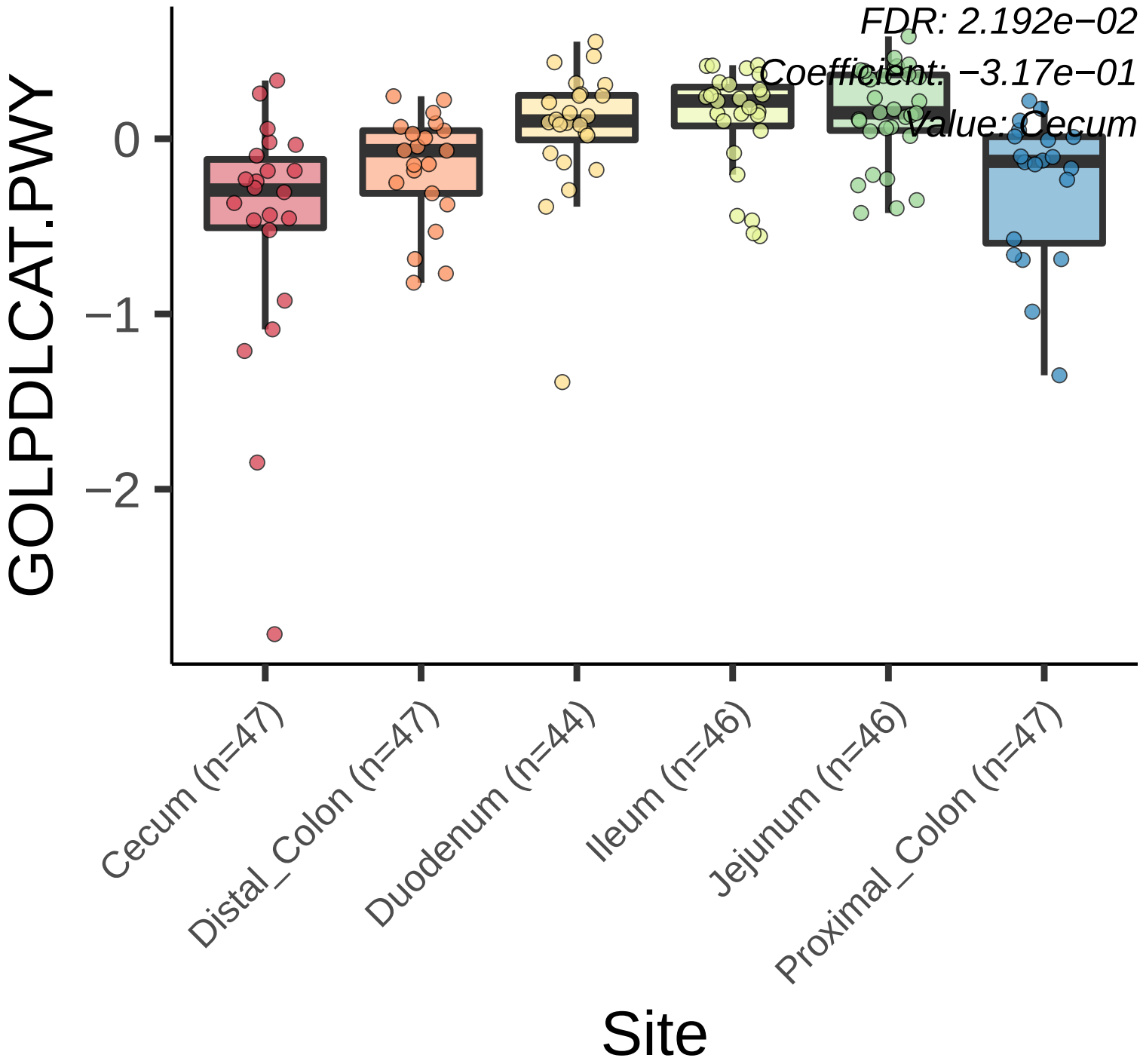
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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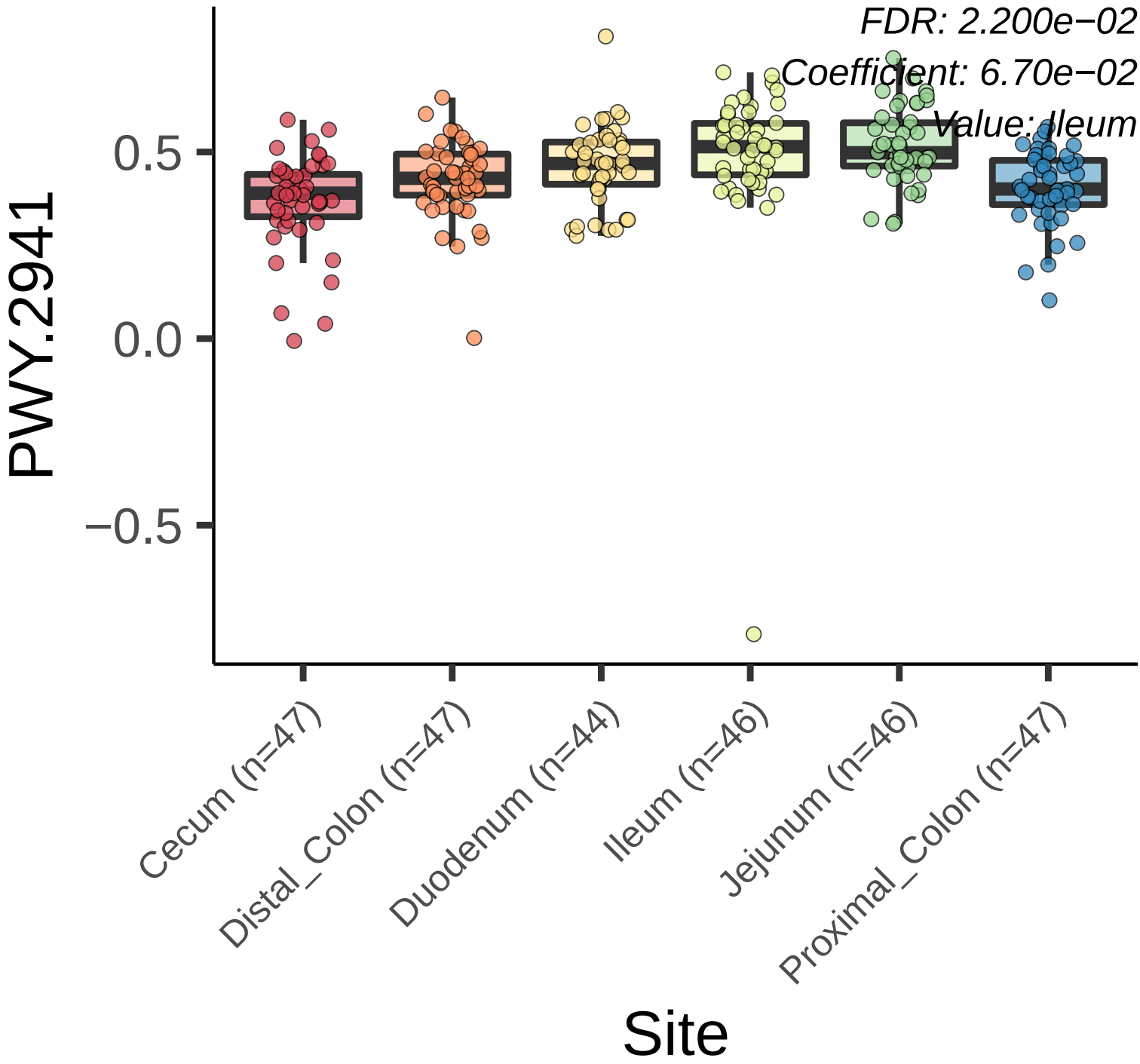
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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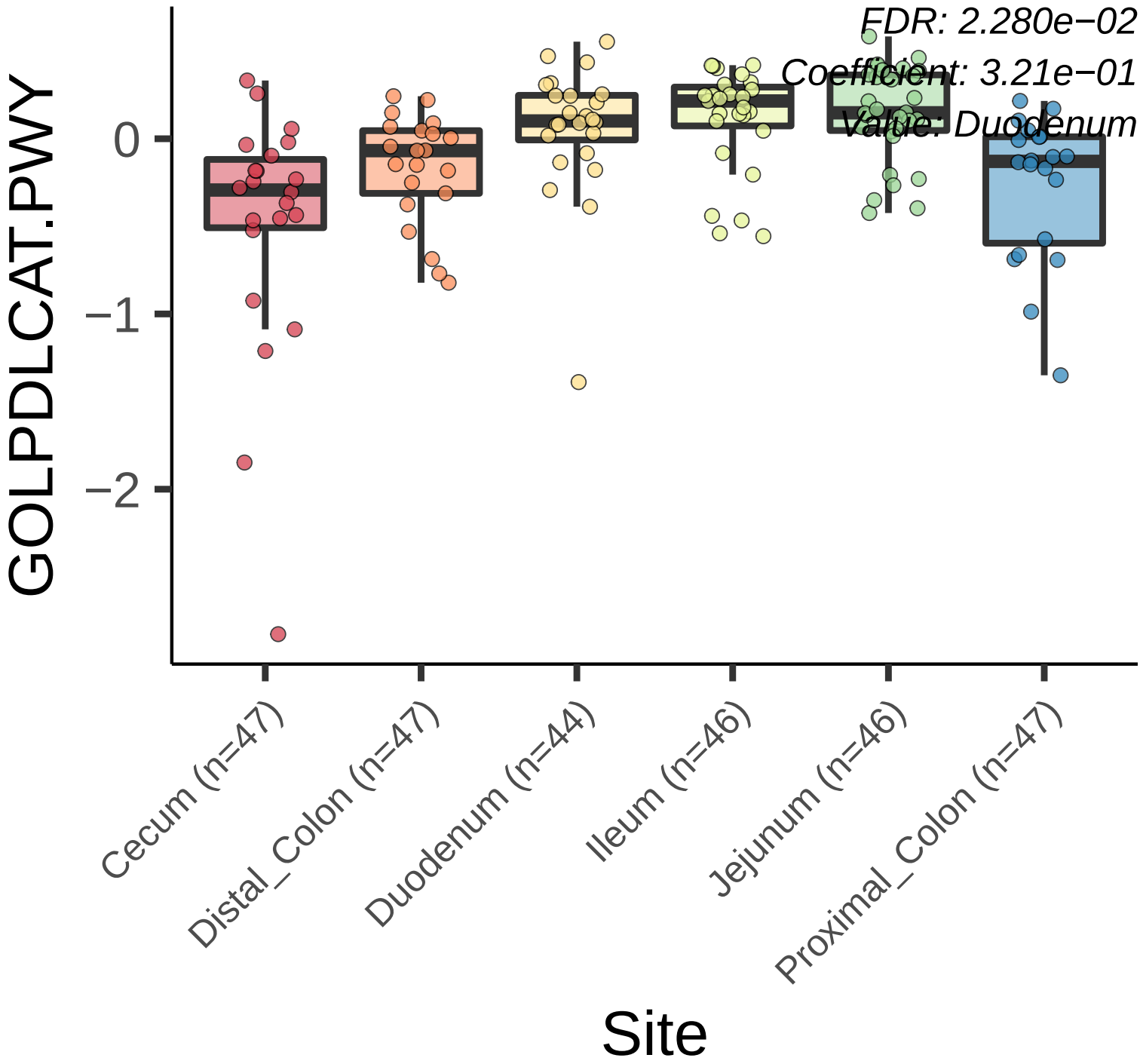
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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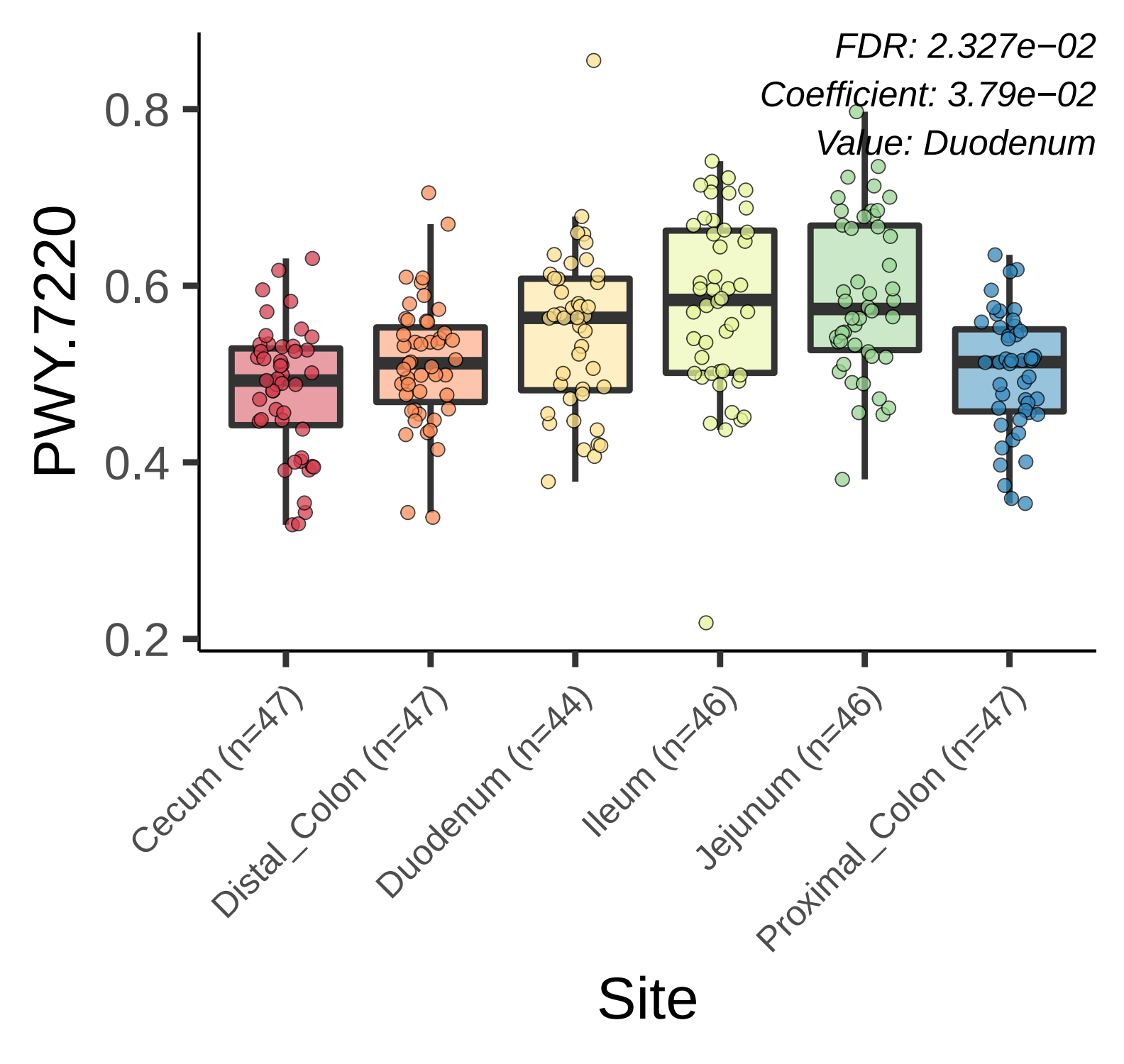
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.79e−02
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0.4
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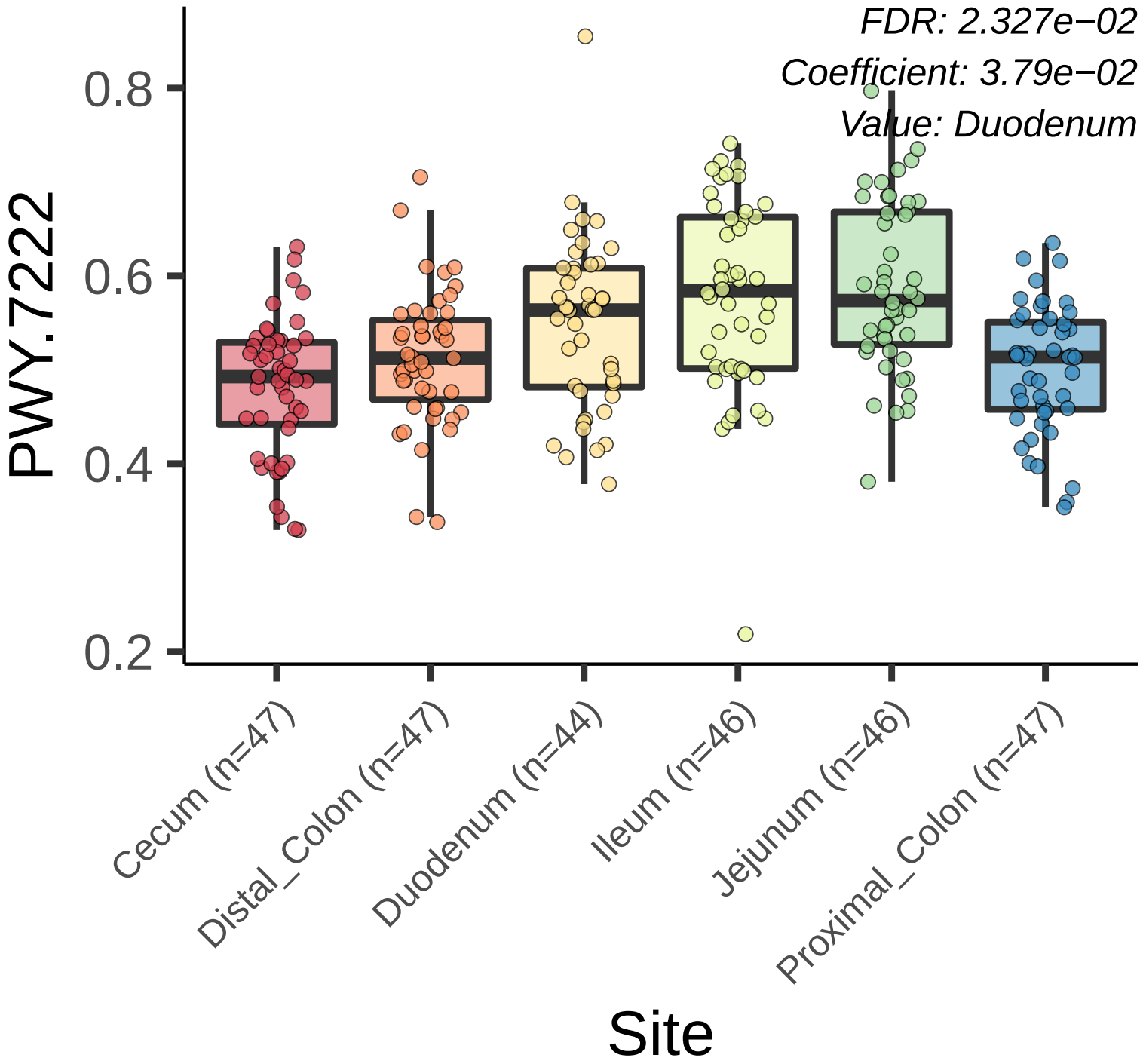
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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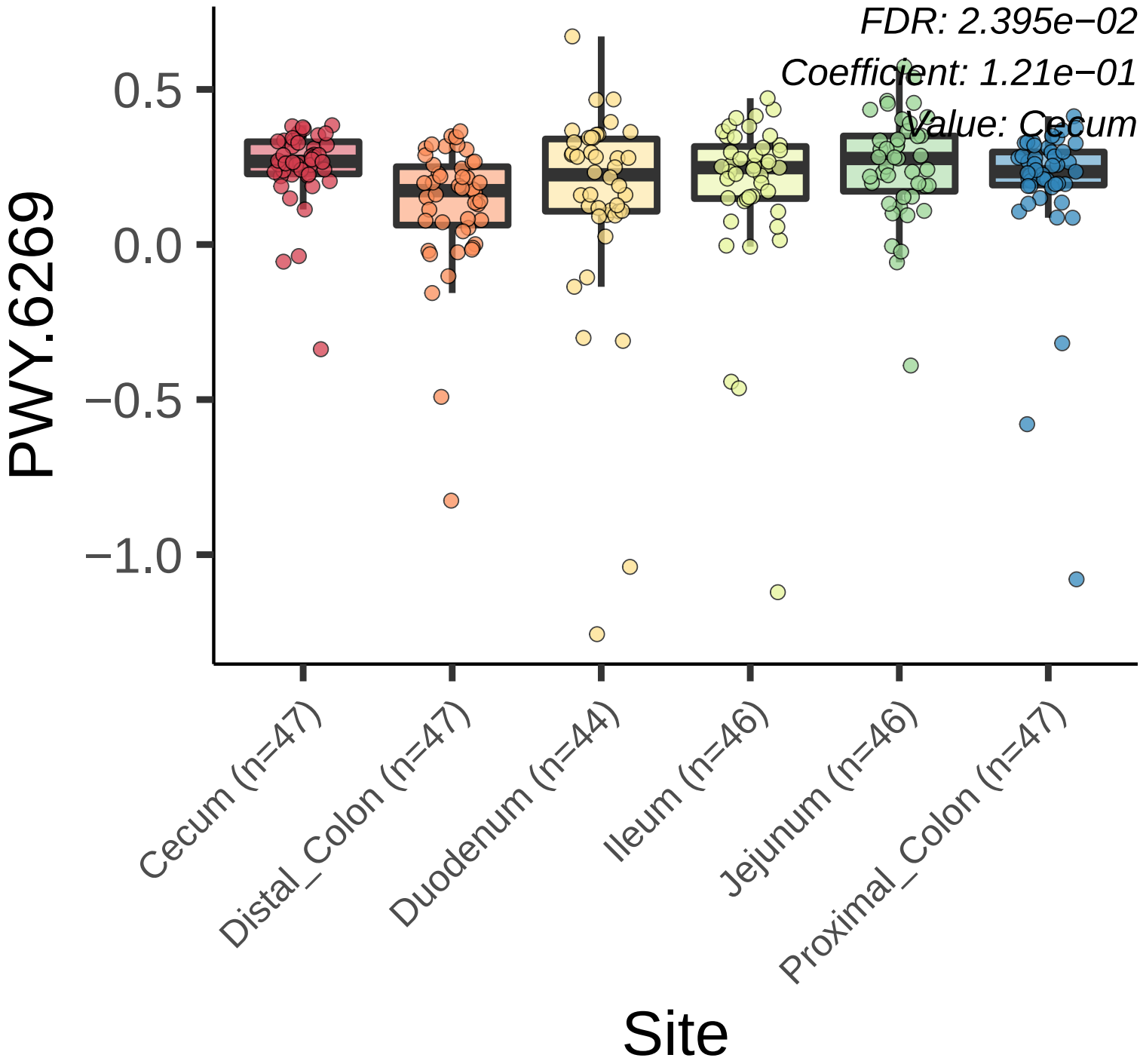
Jejunum (n=46)
Proximal_Colon (n=47)
Site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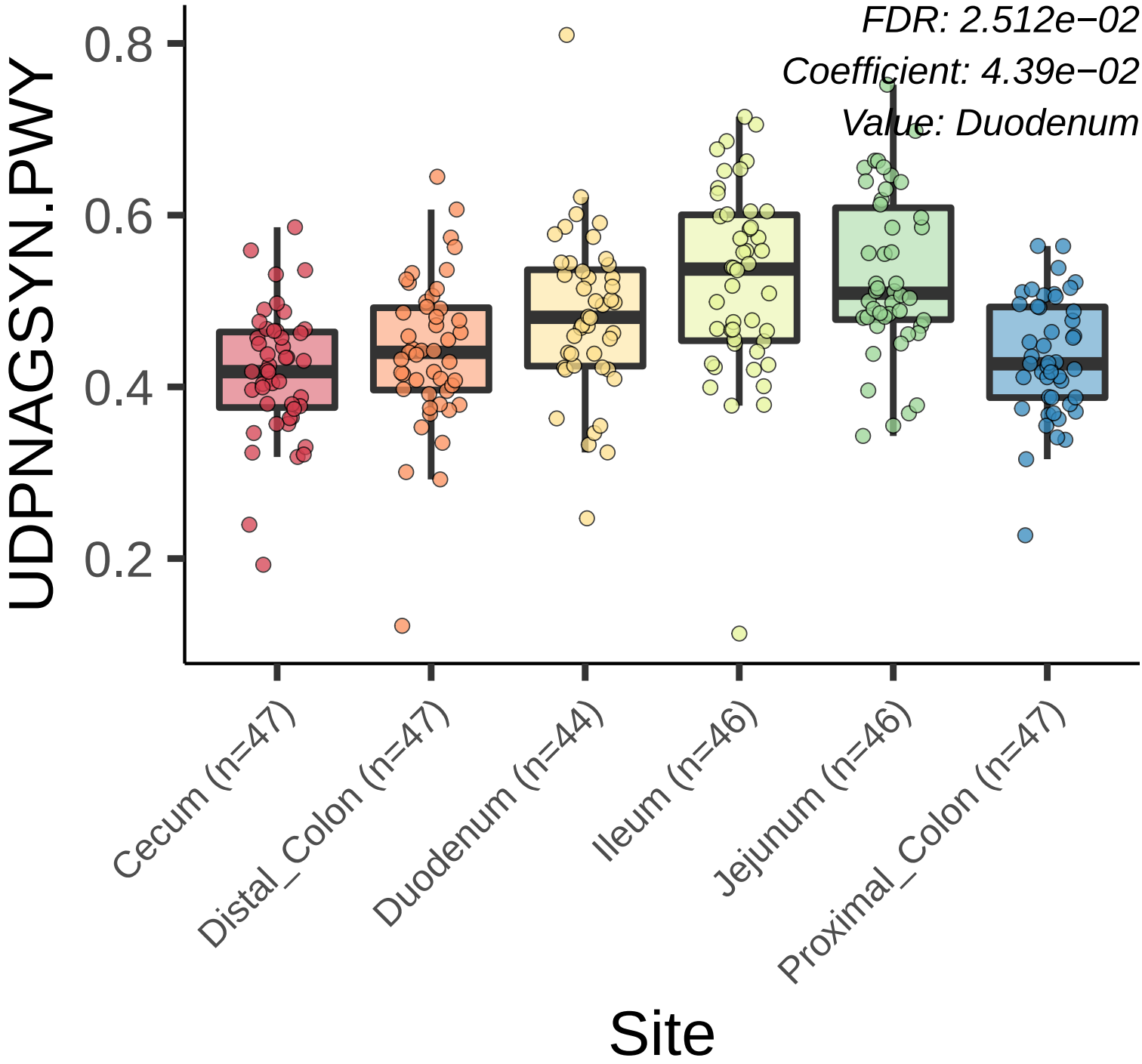
Jejunum (n=46)
Proximal_Colon (n=47)
Site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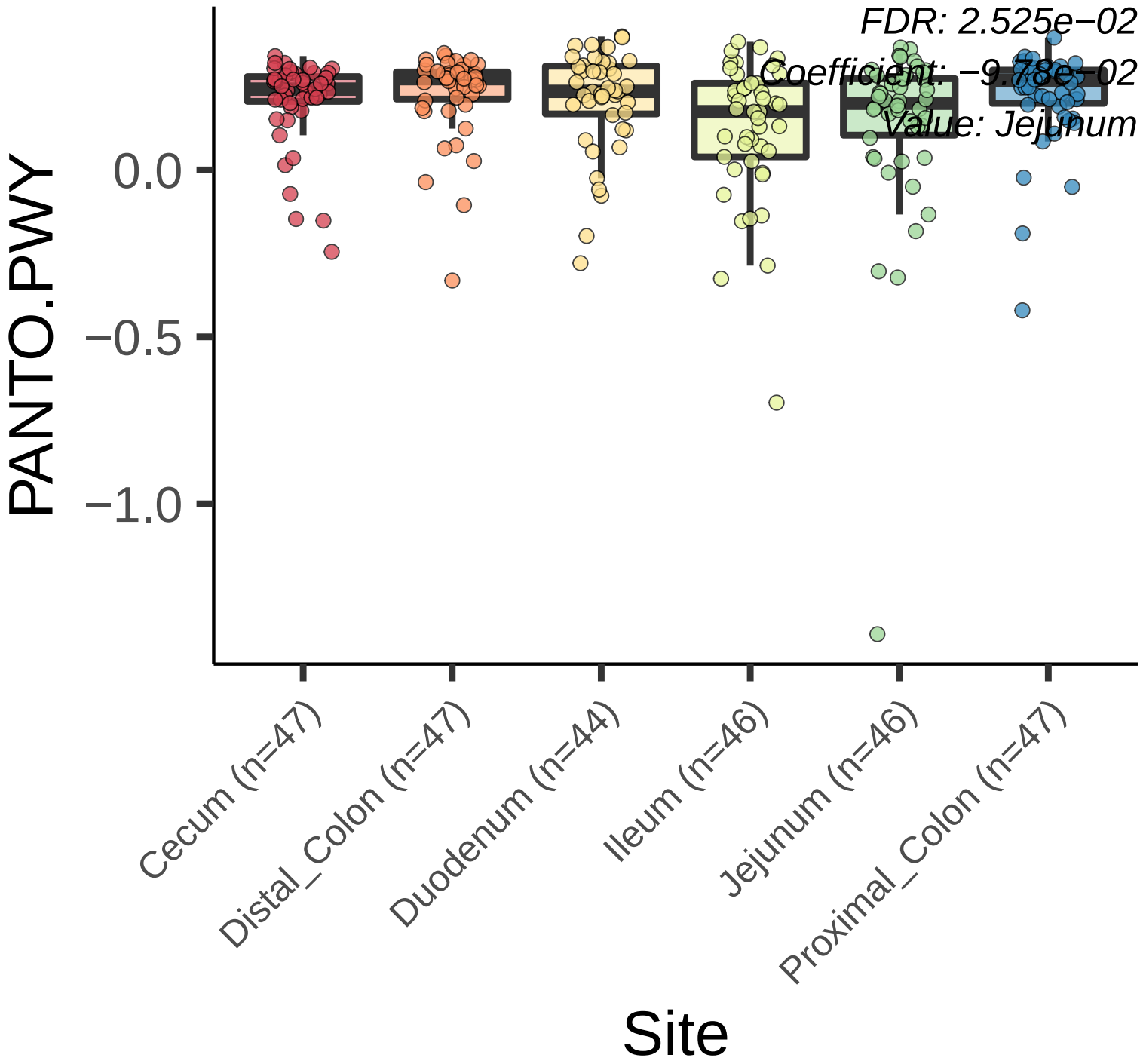
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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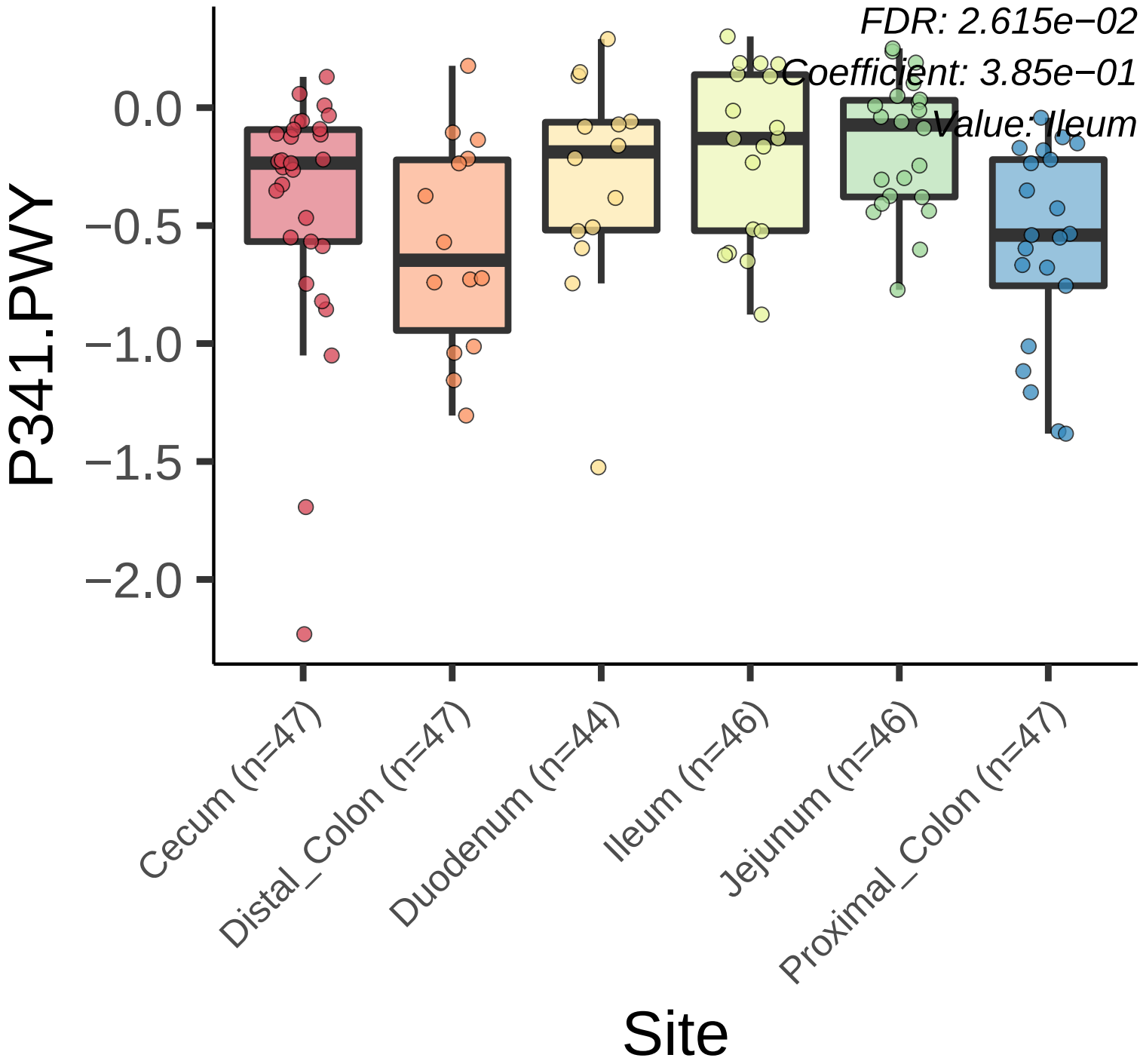
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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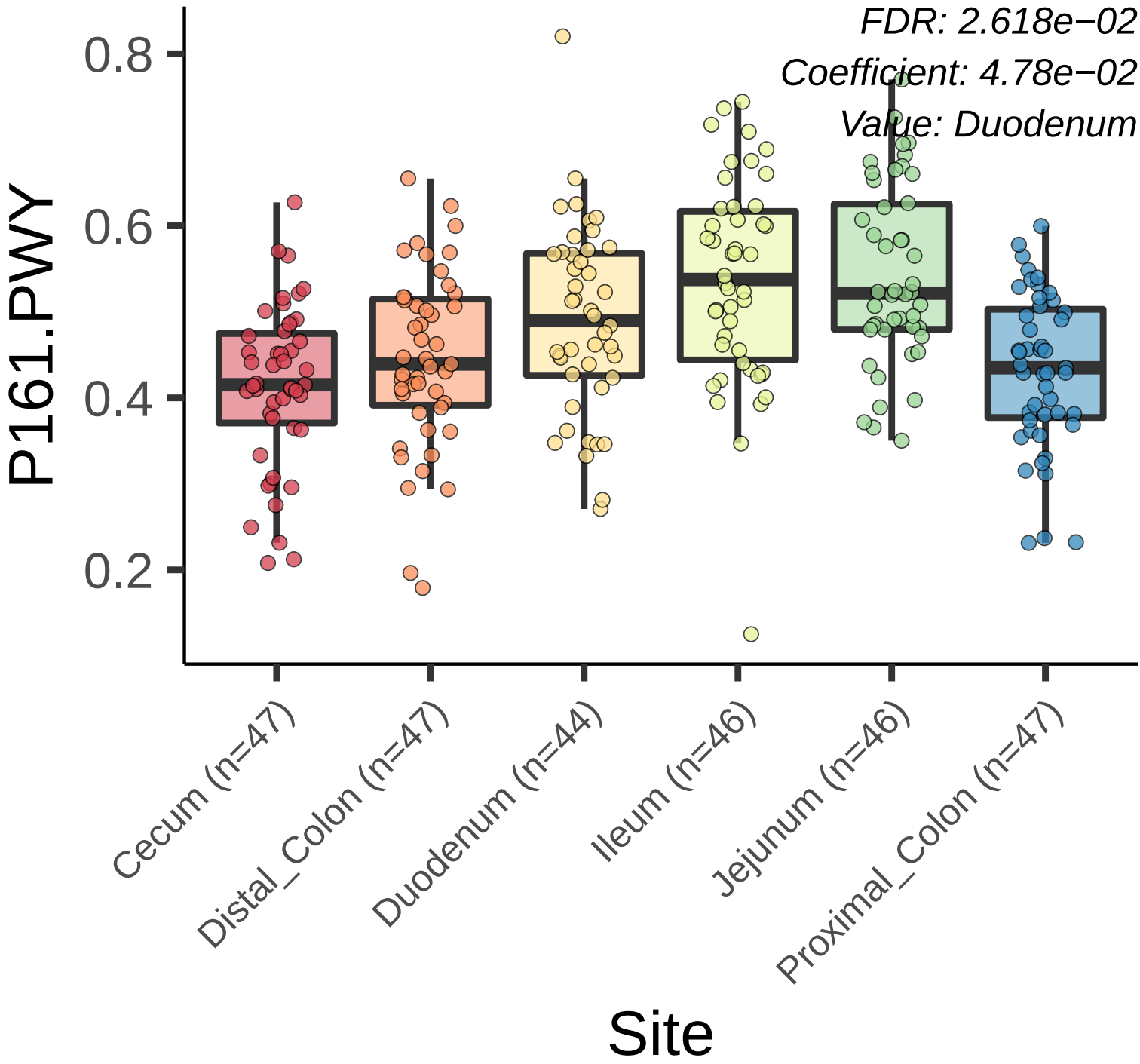
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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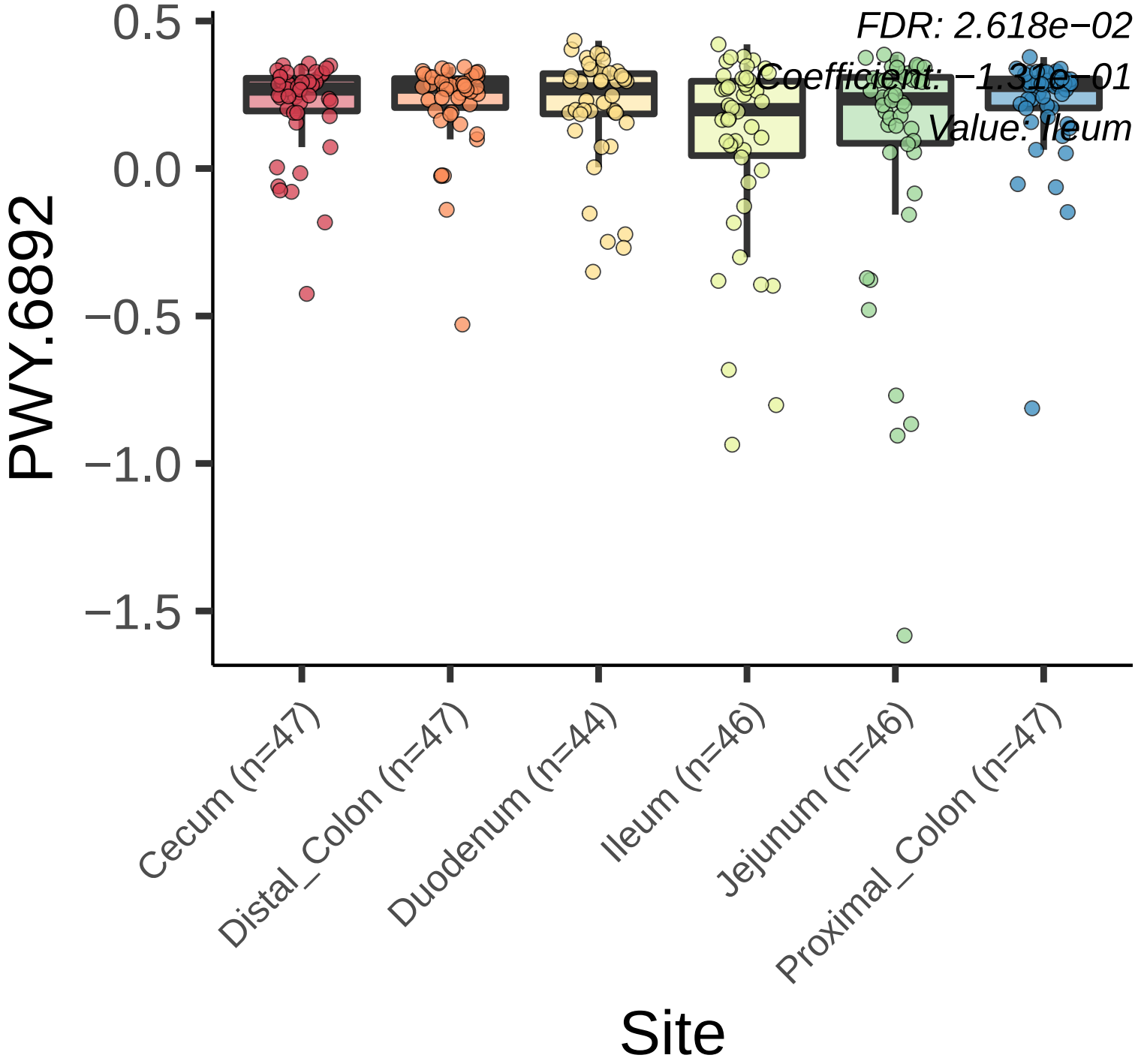
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Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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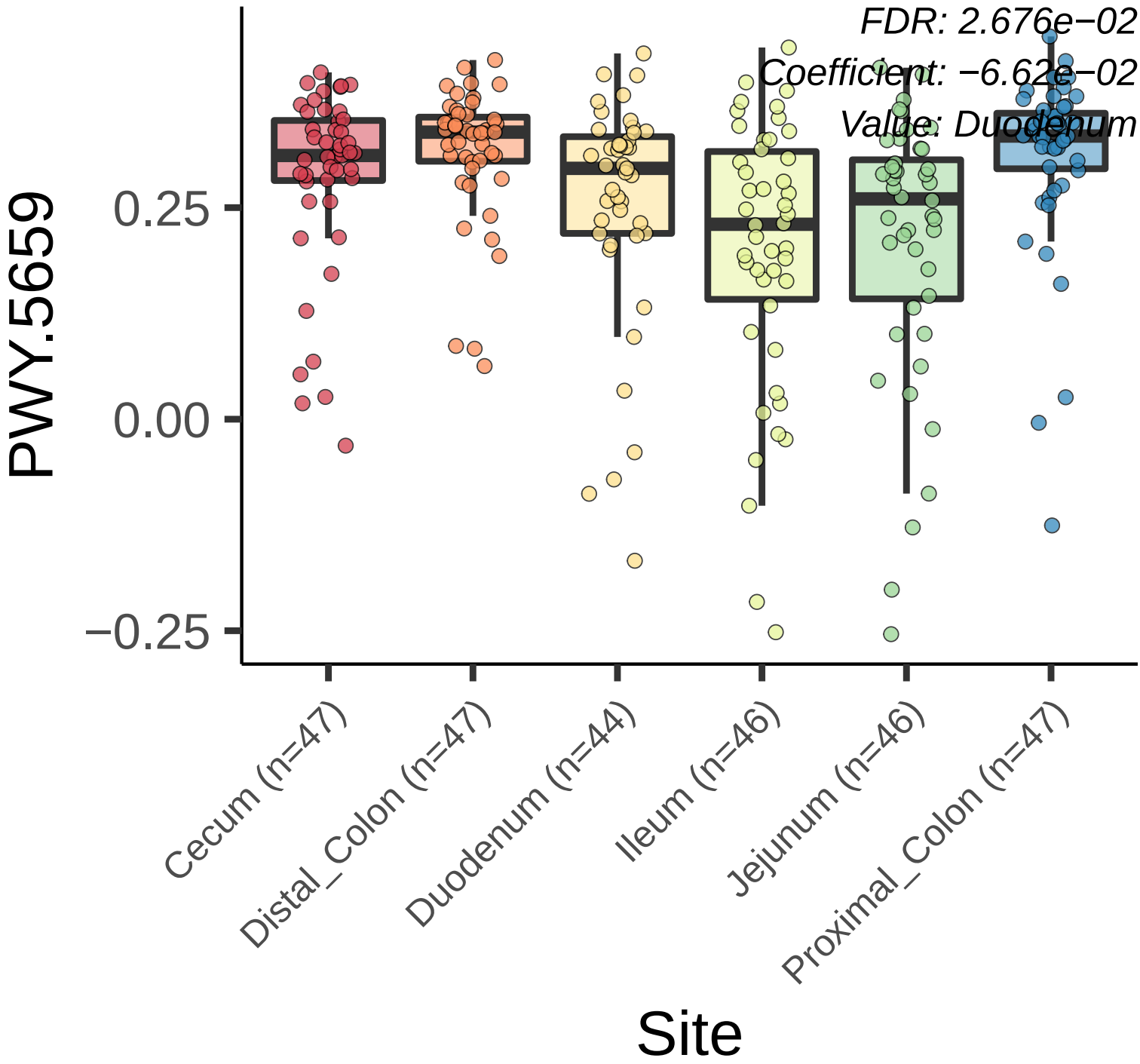
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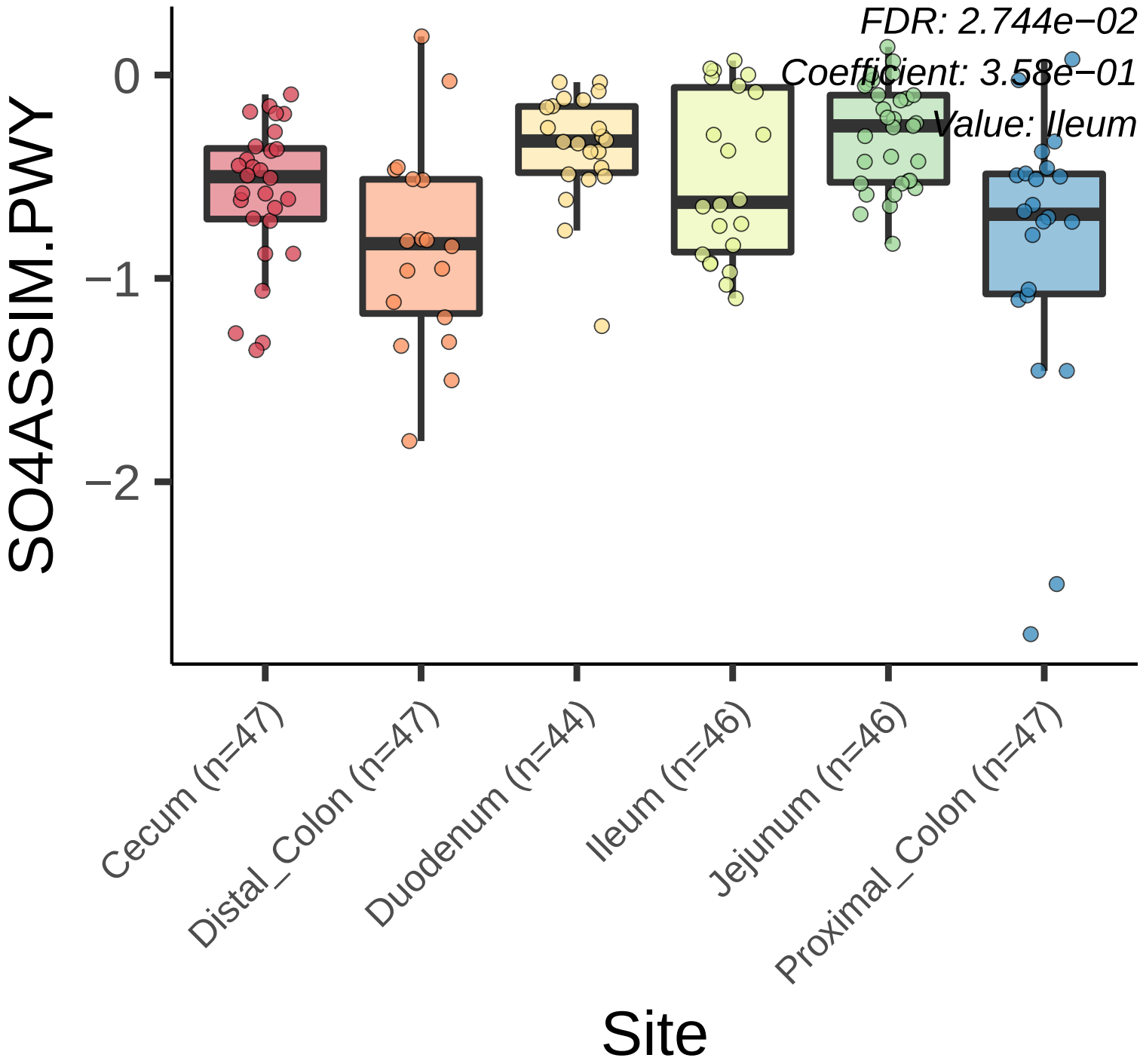
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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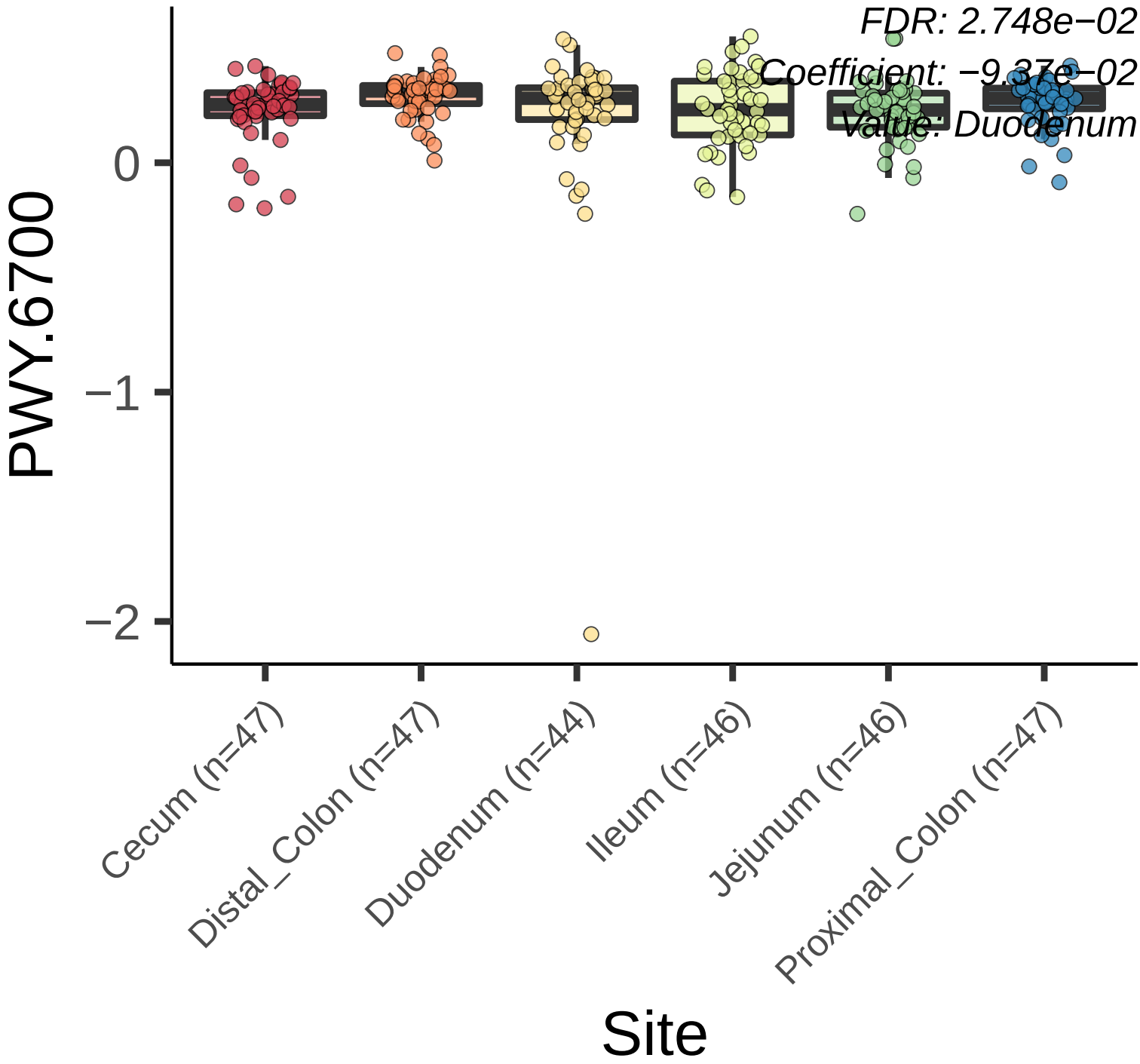
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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Ileum (n=46)
Jejunum (n=46)
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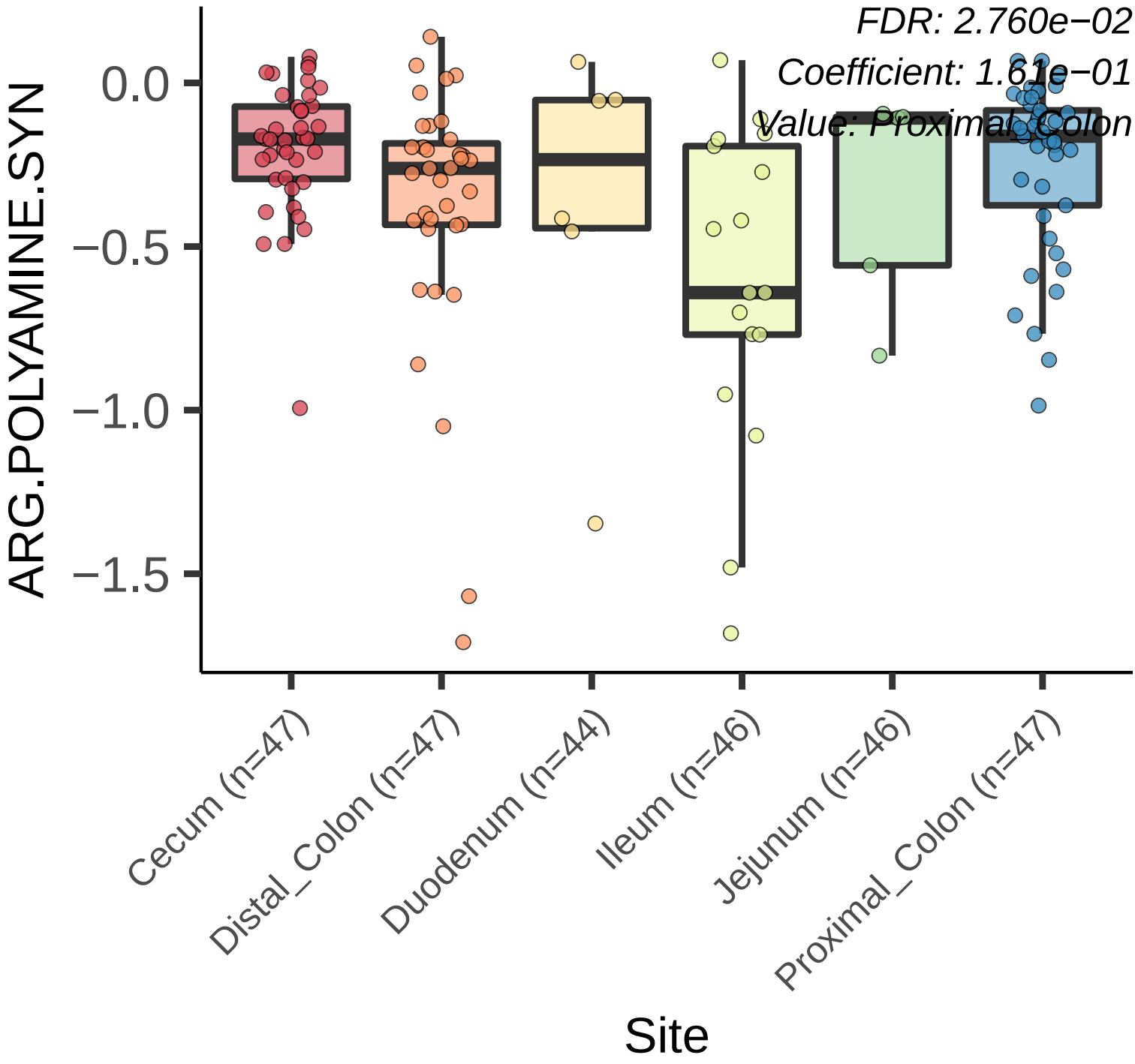
Site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Cecum (n=47)
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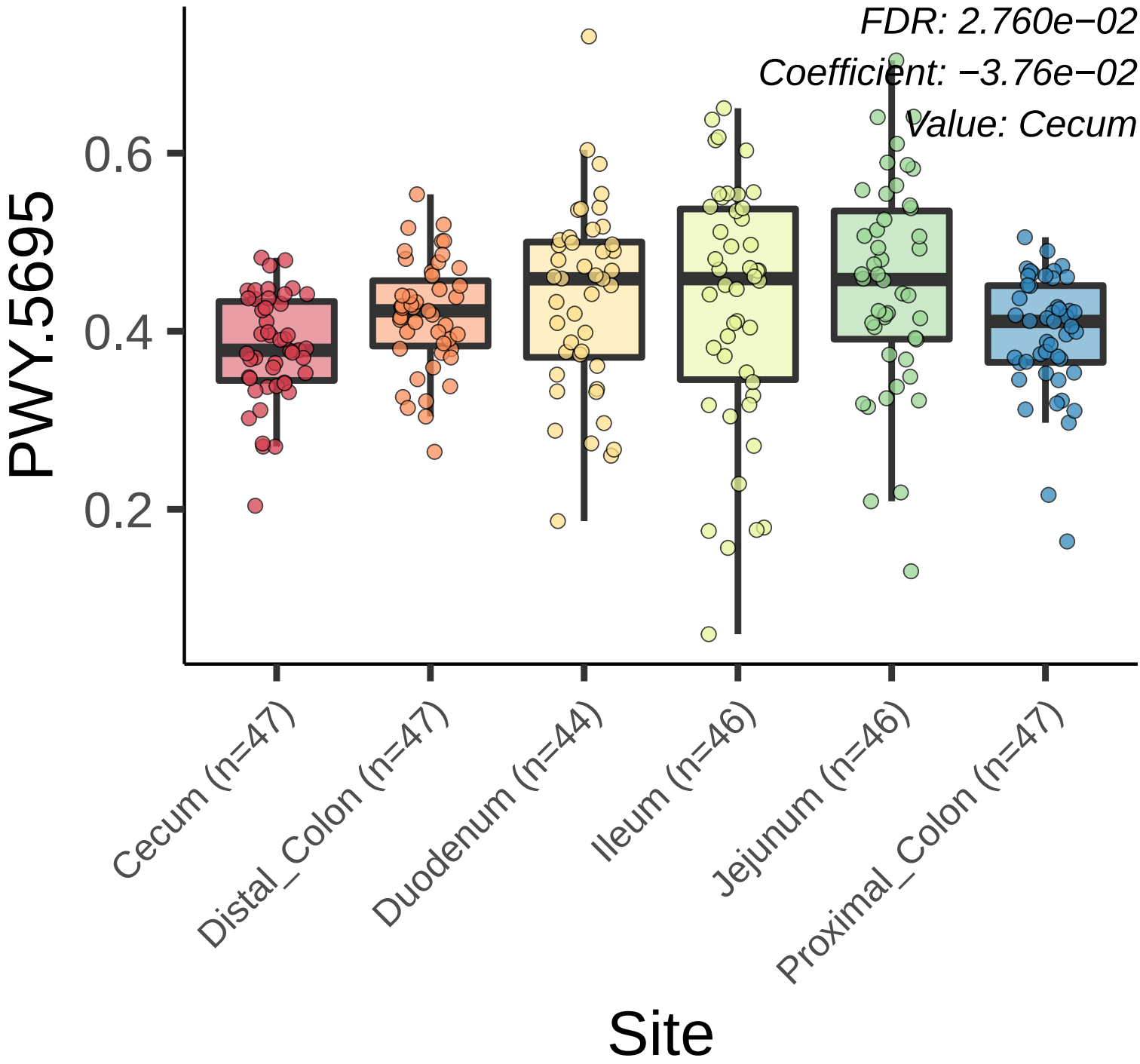
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.2
Cecum (n=47)
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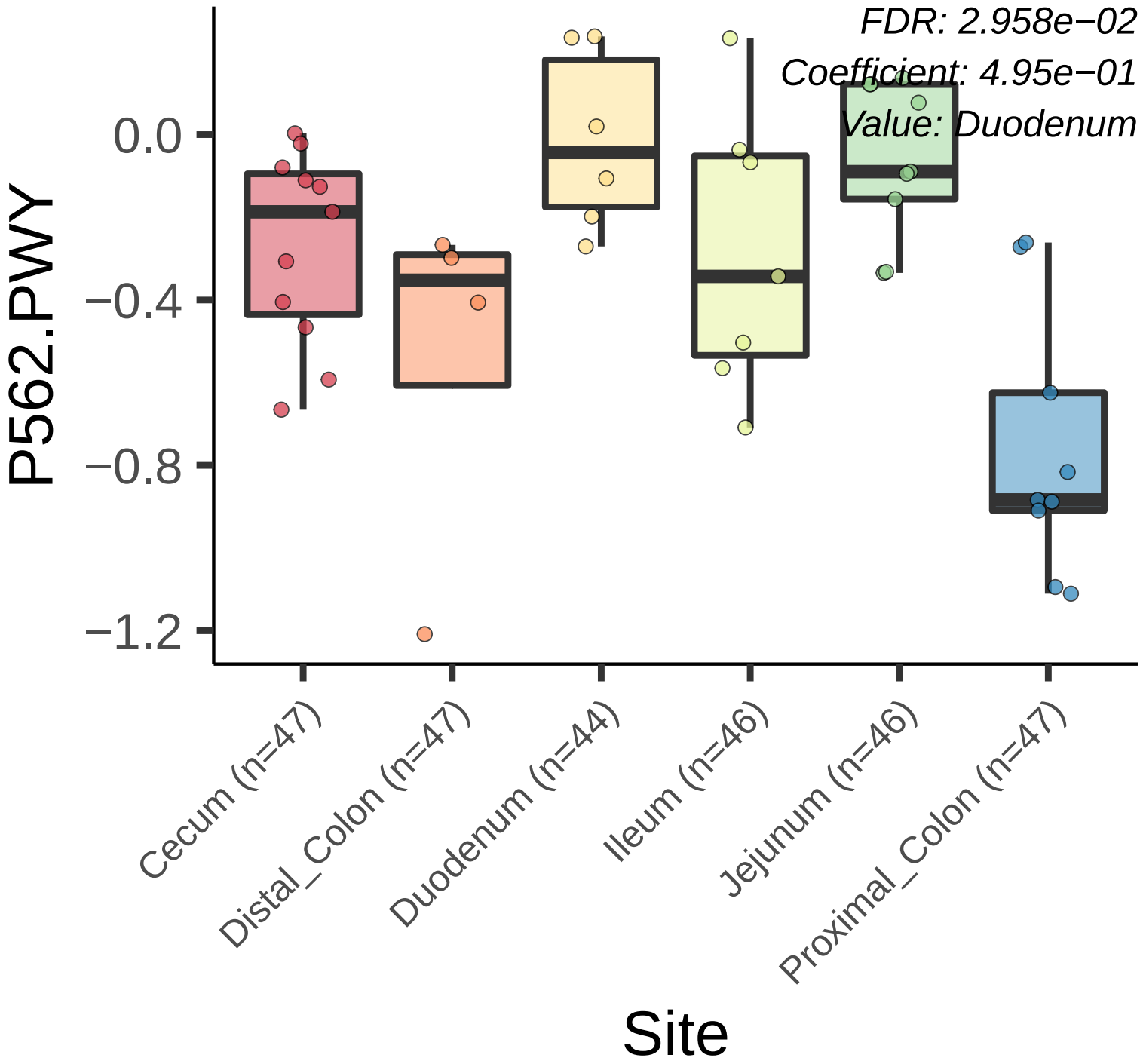
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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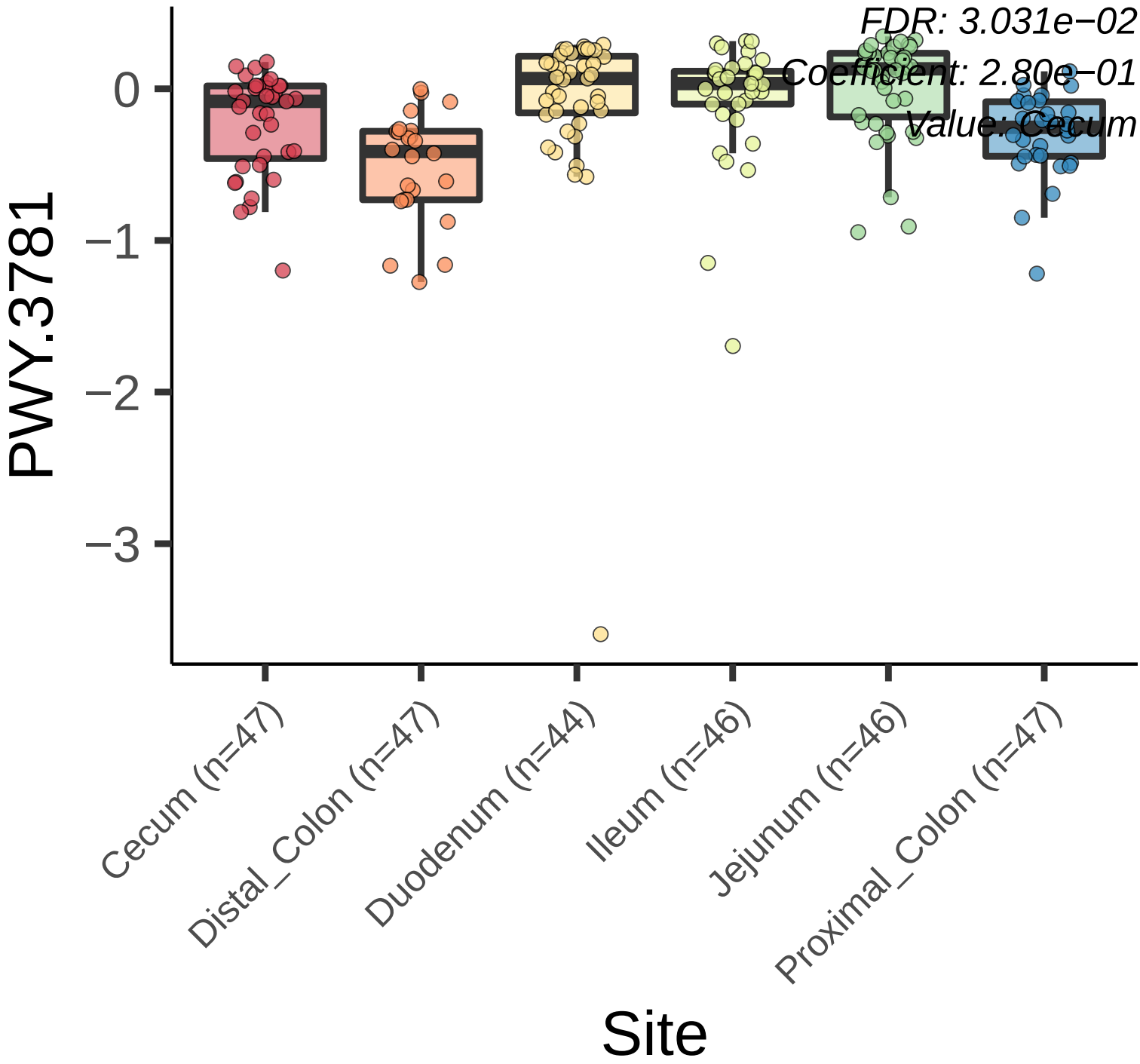
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−2
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Cecum (n=47)
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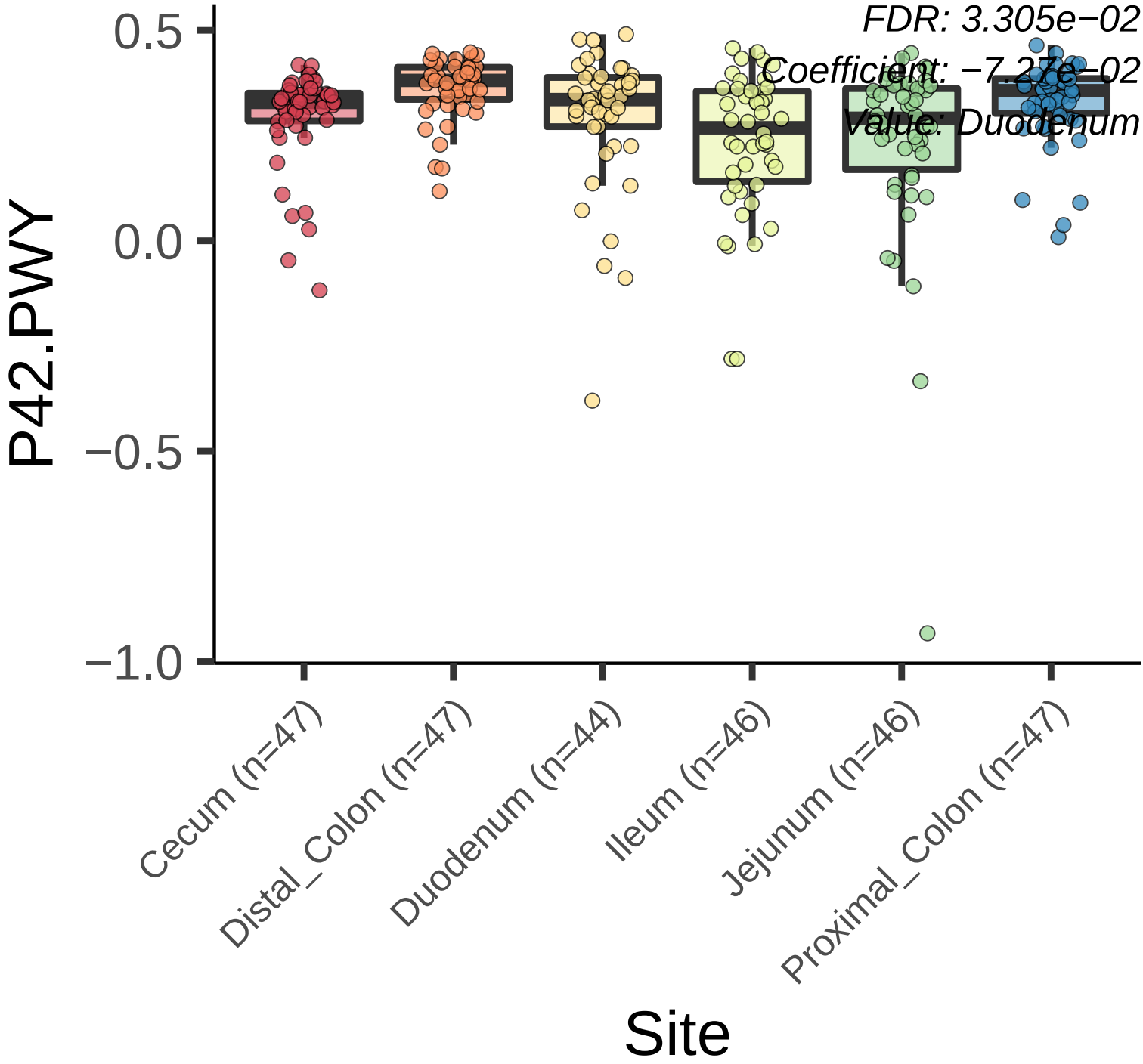
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Duodenum
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Cecum (n=47)
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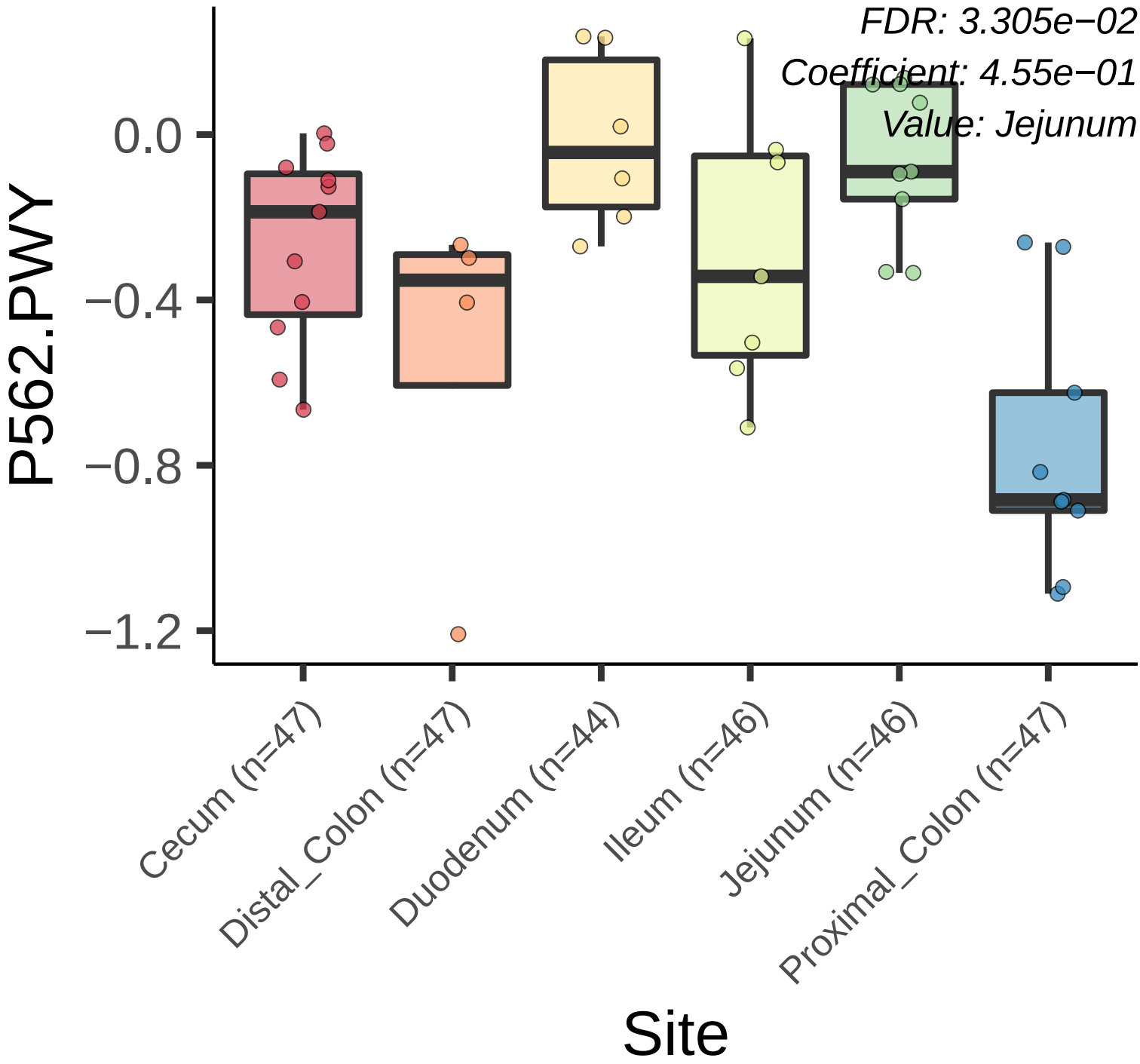
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 4.55e−01
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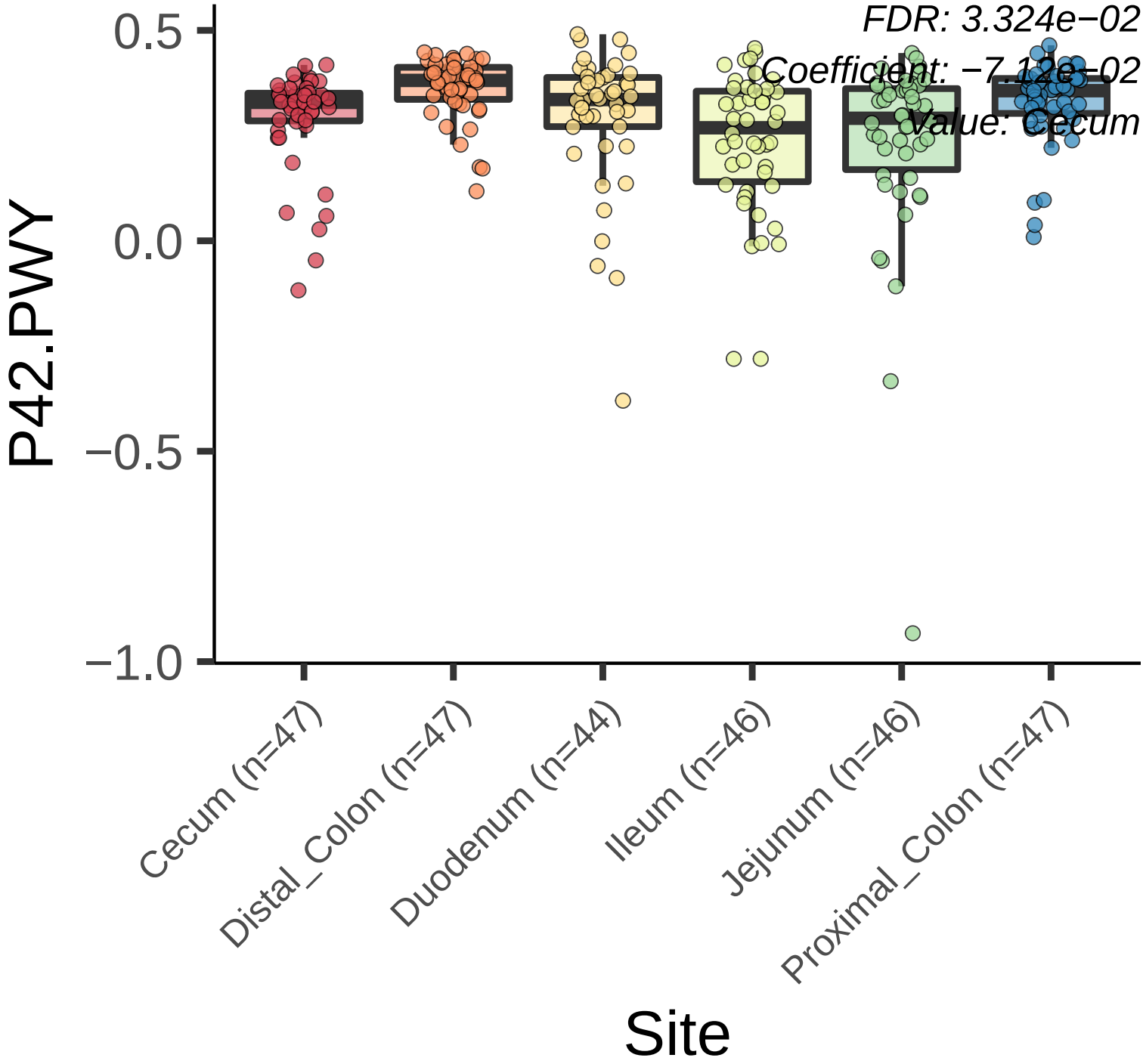
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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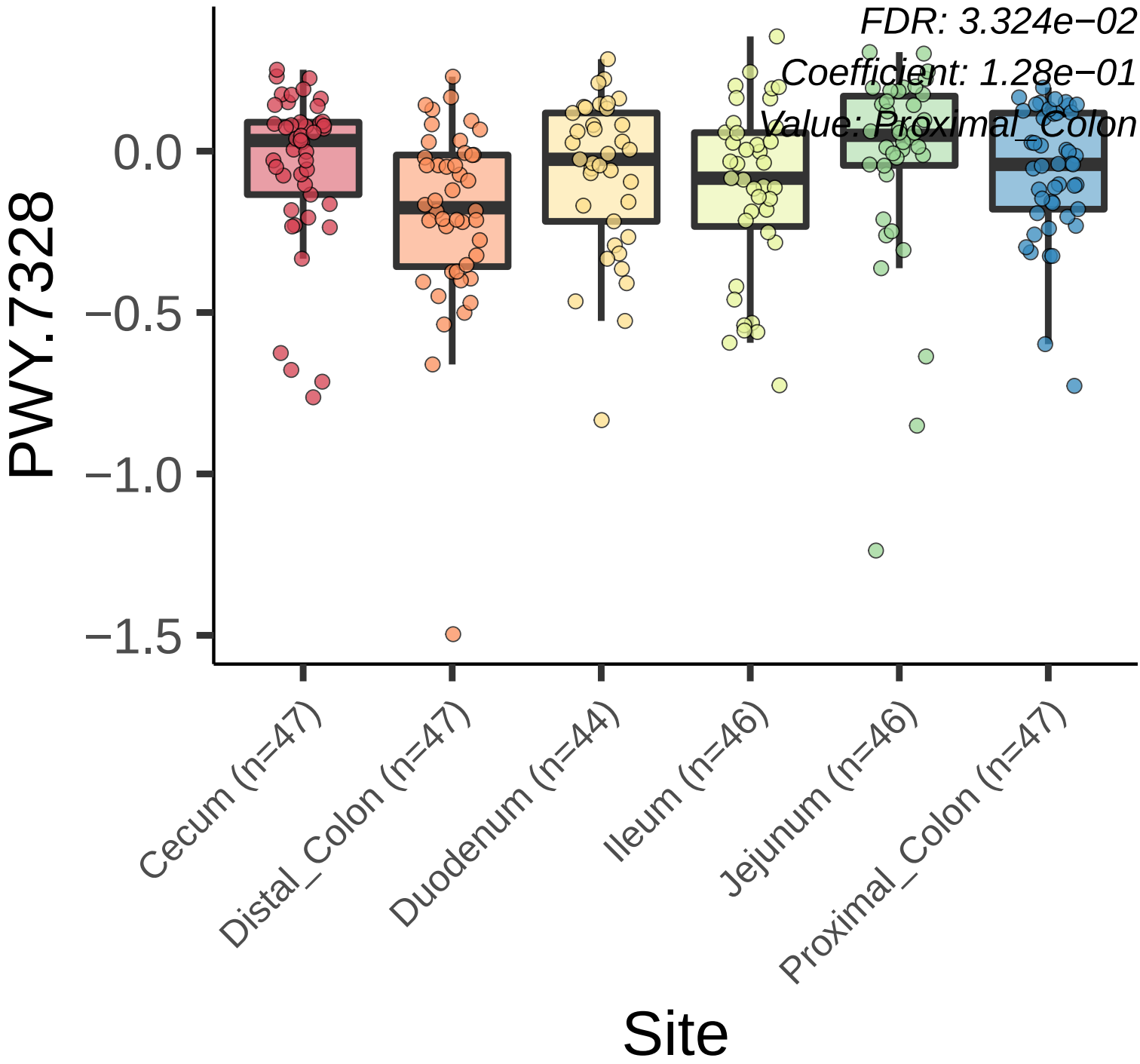
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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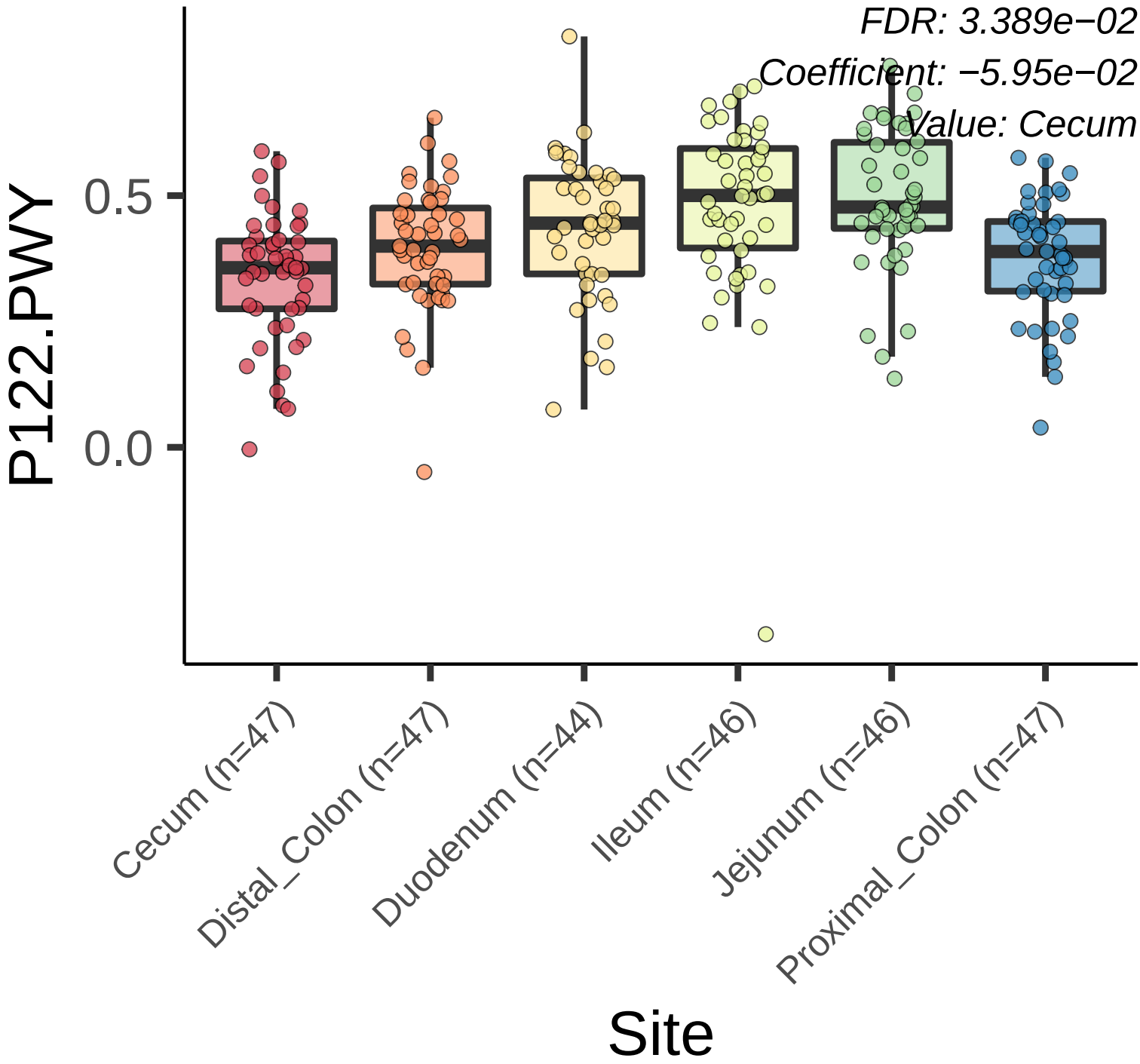
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −5.95e−02
Value: Cecum
P122.PWY
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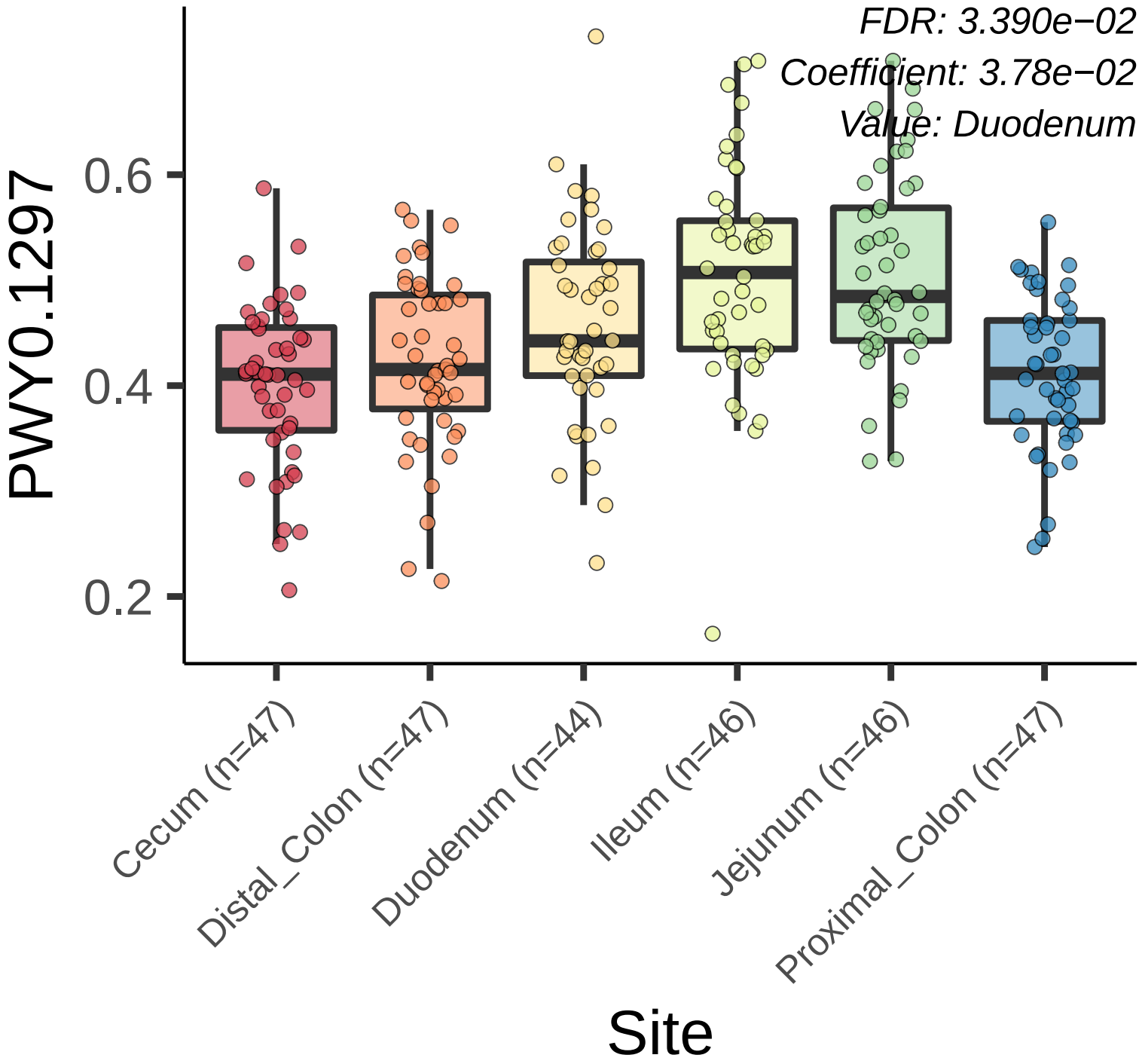
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Duodenum
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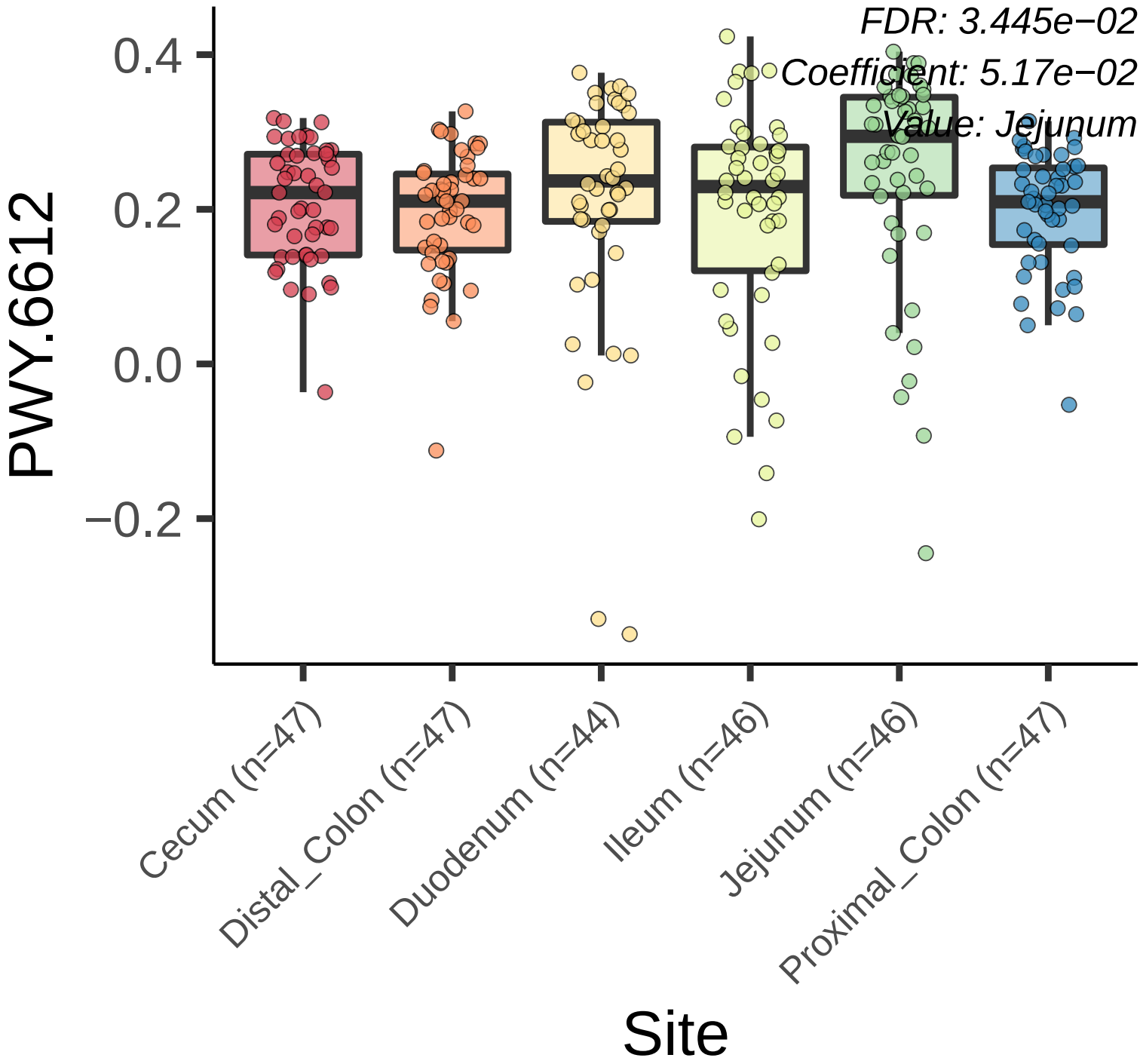
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.445e−02
Coefficient: 5.17e−02
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PWY.6612
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0.0
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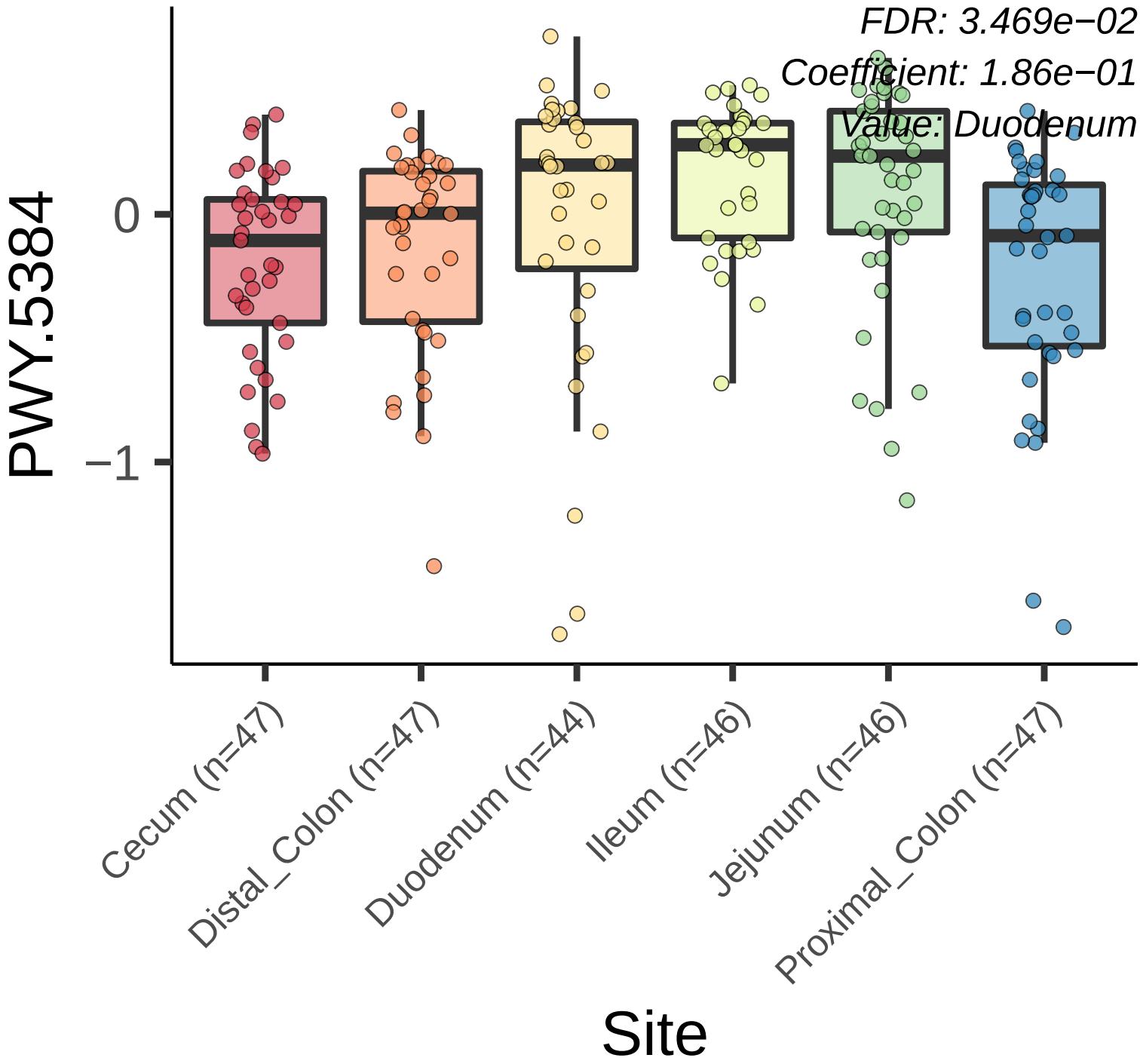
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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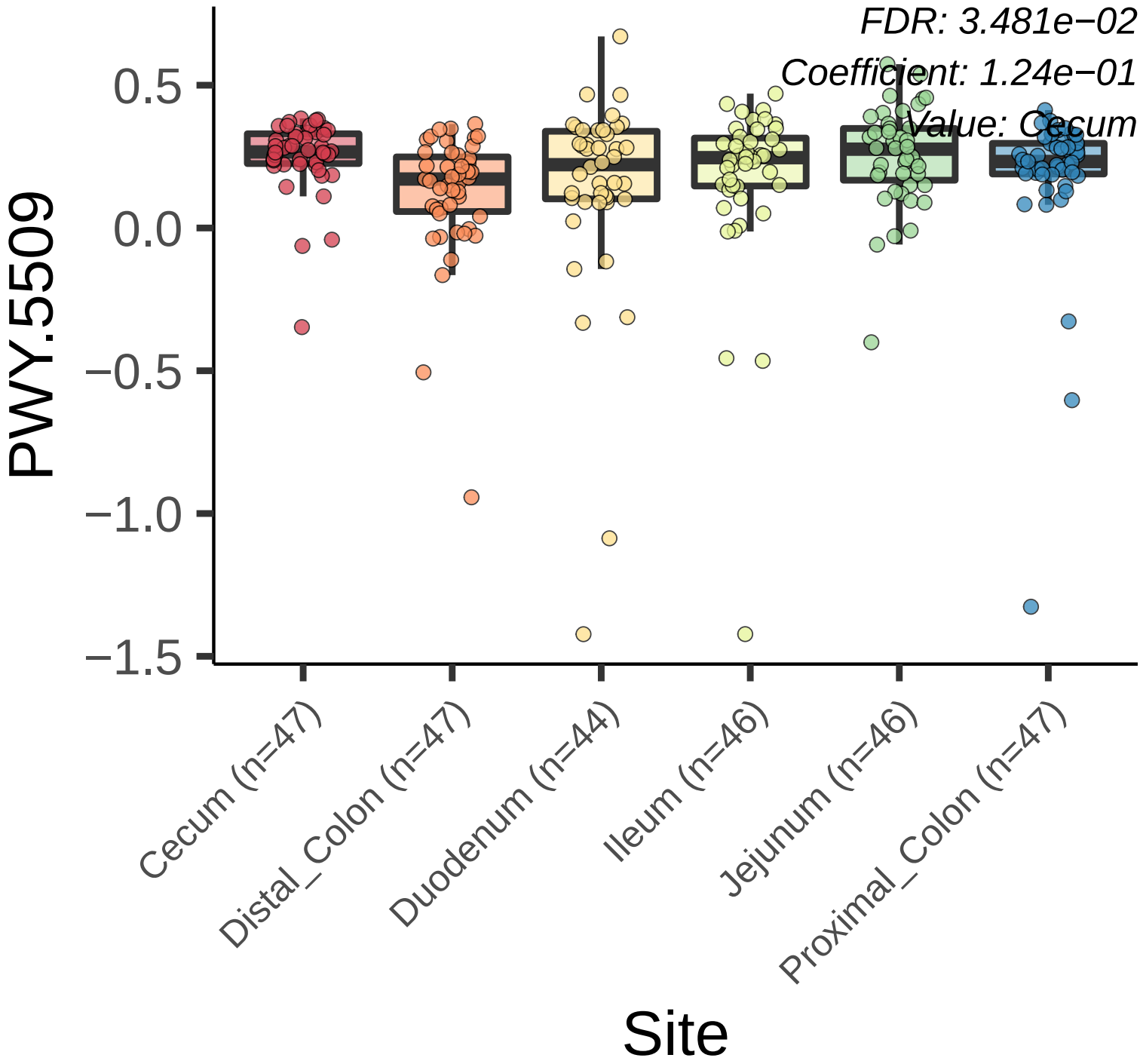
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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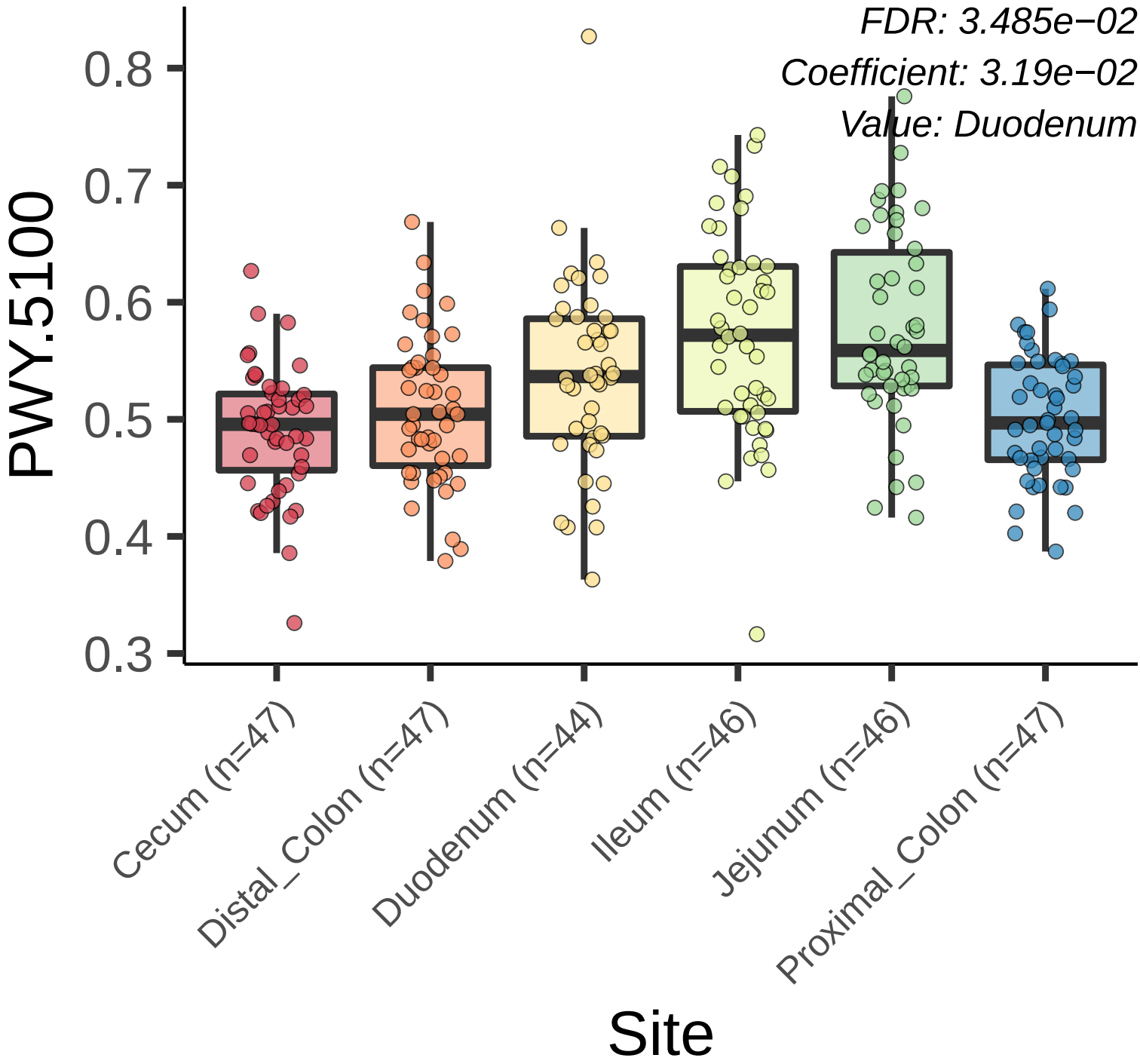
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.19e−02
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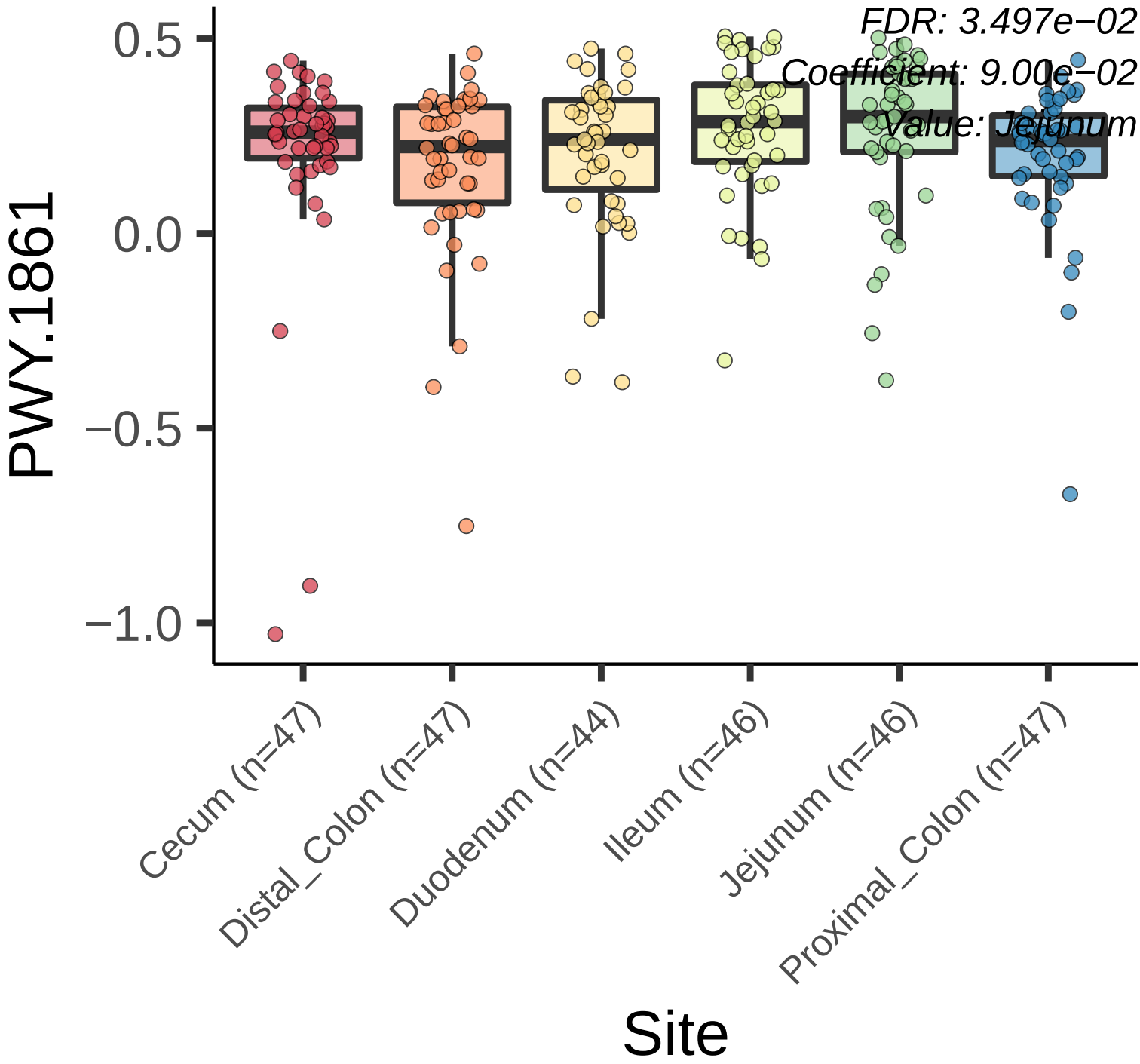
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 9.00e−02
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PWY.1861
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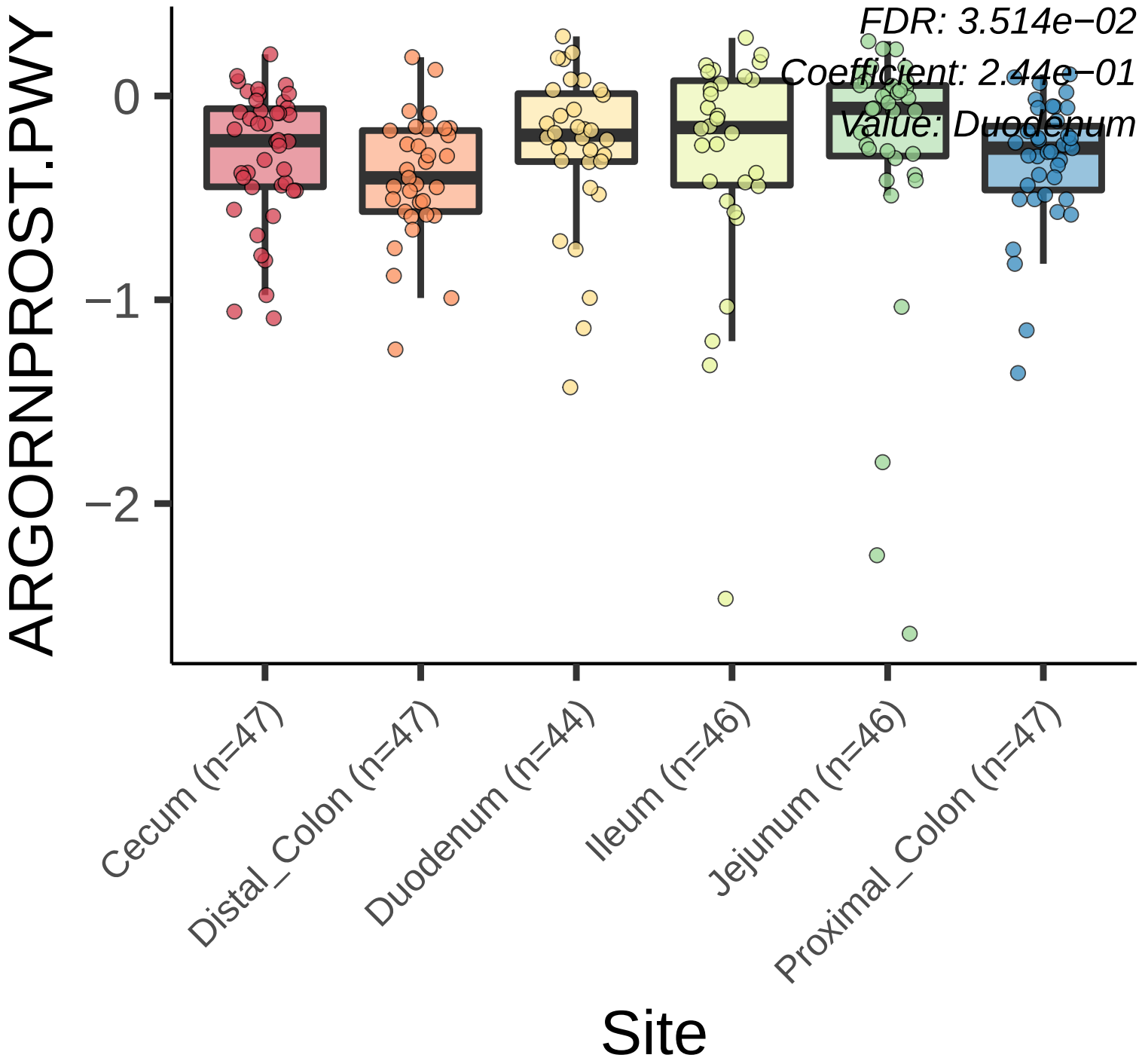
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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ARGORNPROST.PWY
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Cecum (n=47)
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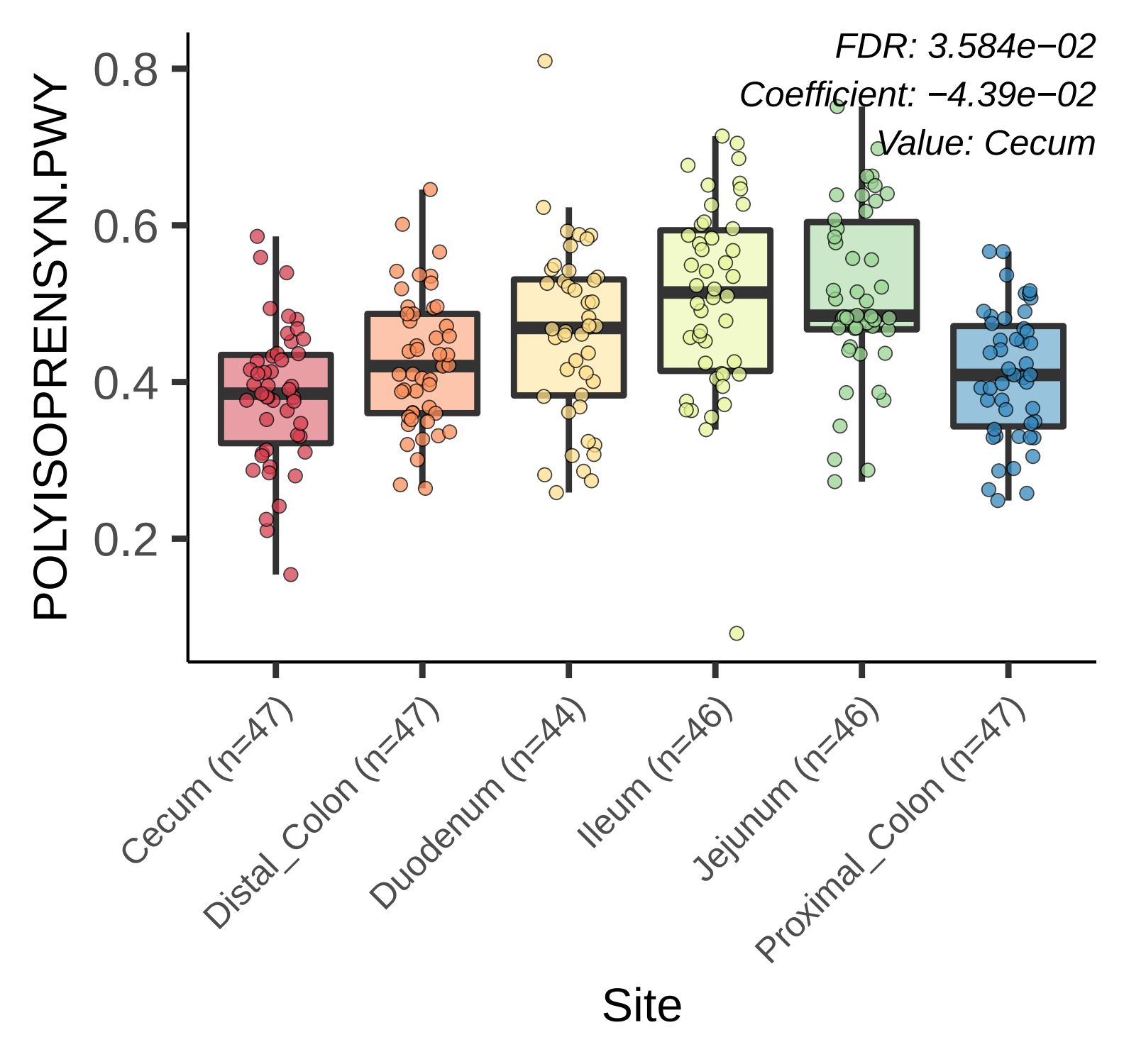
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.584e−02
Coefficient: −4.39e−02
Value: Cecum
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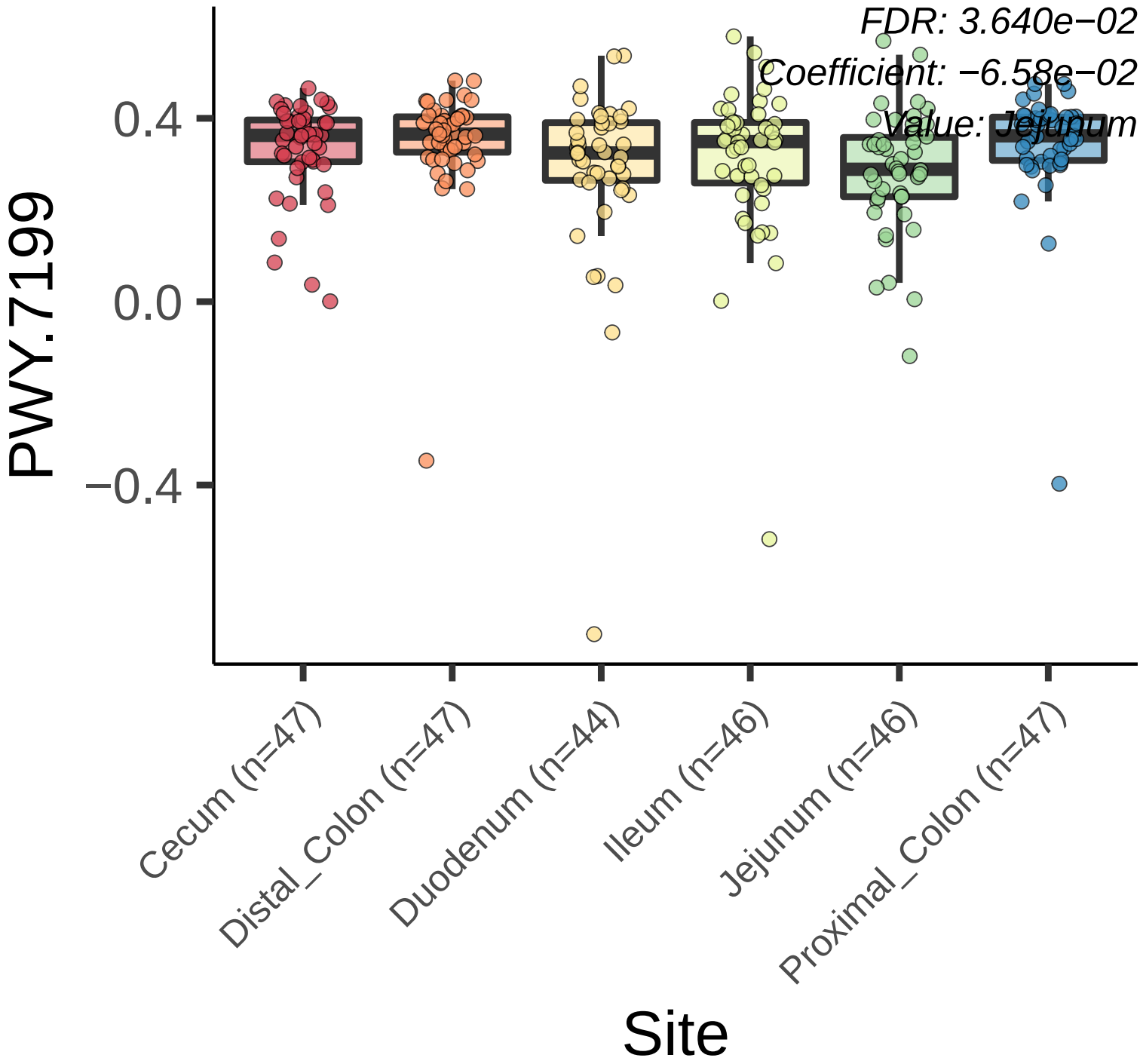
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.640e−02
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0.0
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Cecum (n=47)
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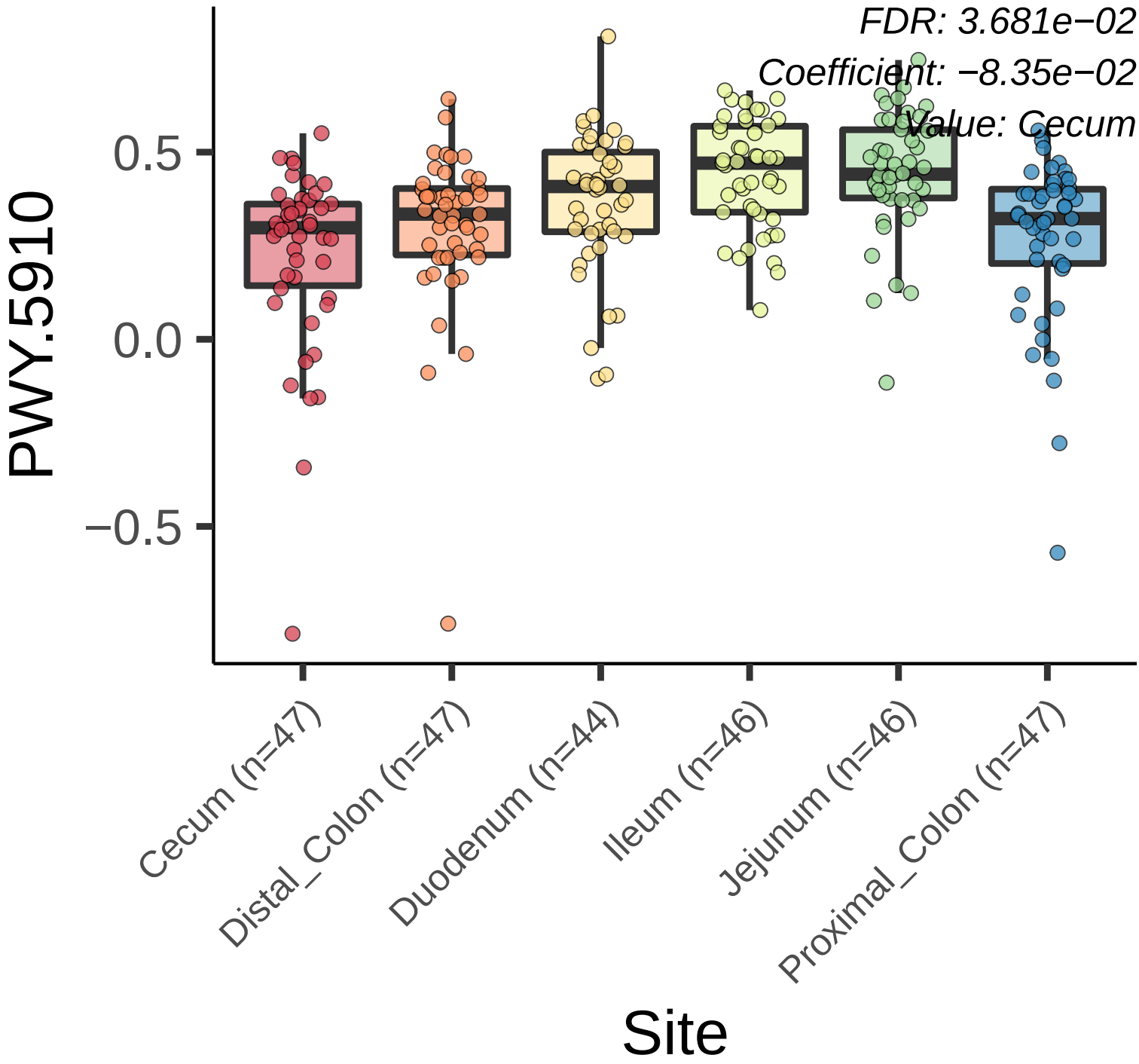
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −8.35e−02
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Cecum (n=47)
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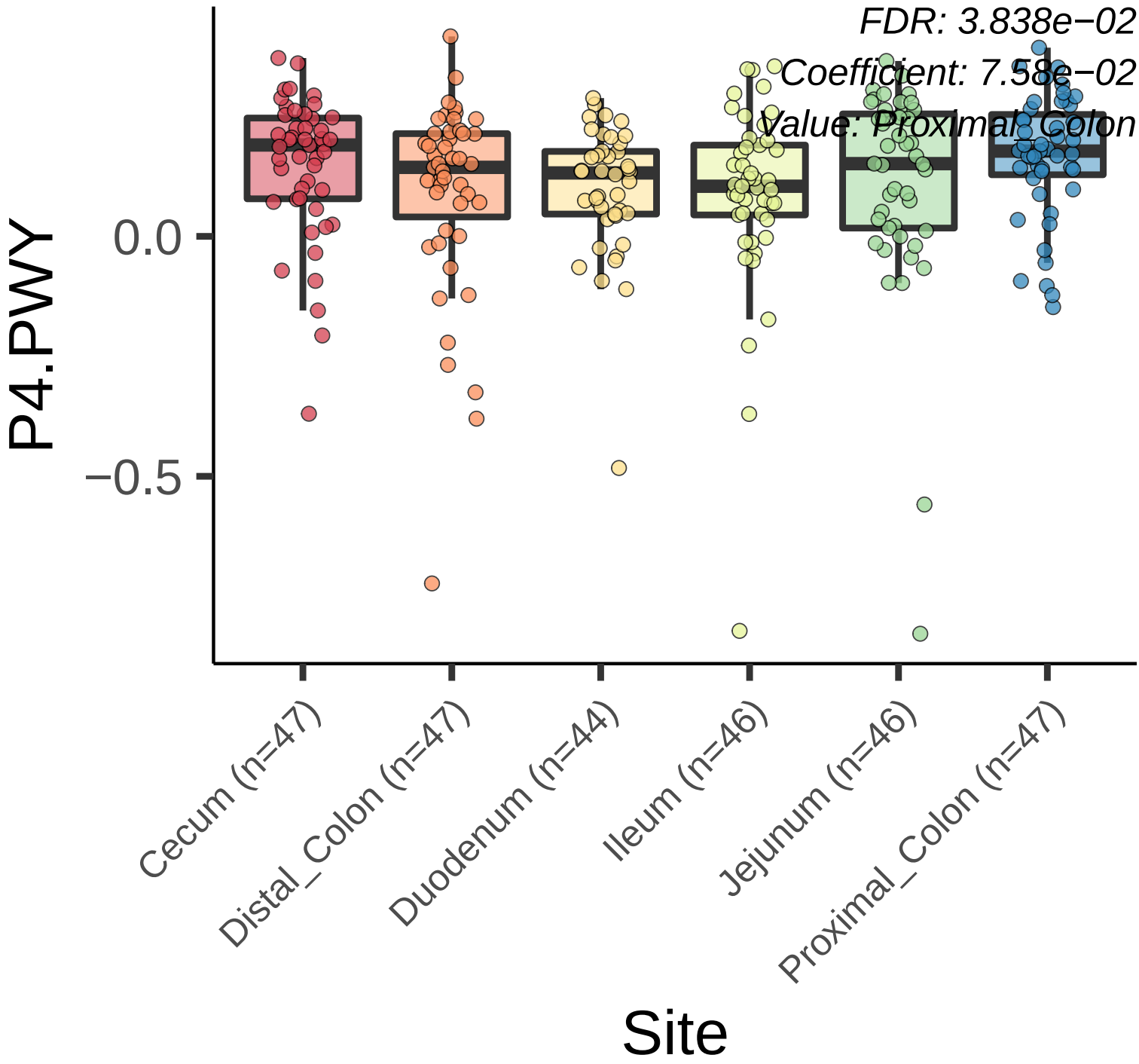
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.838e−02
Coefficient: 7.58e−02
Value: Proximal_Colon
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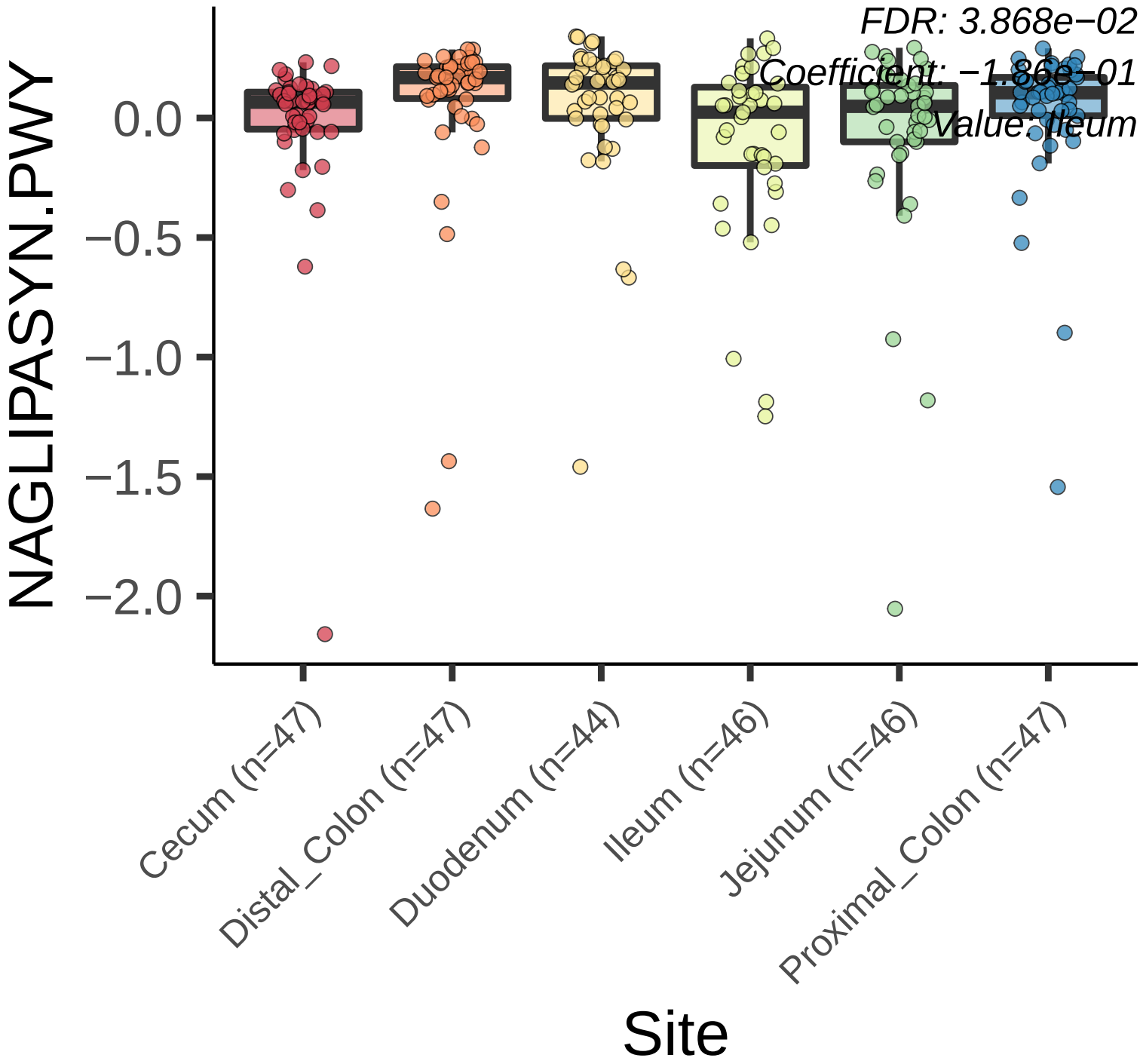
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.86e−01
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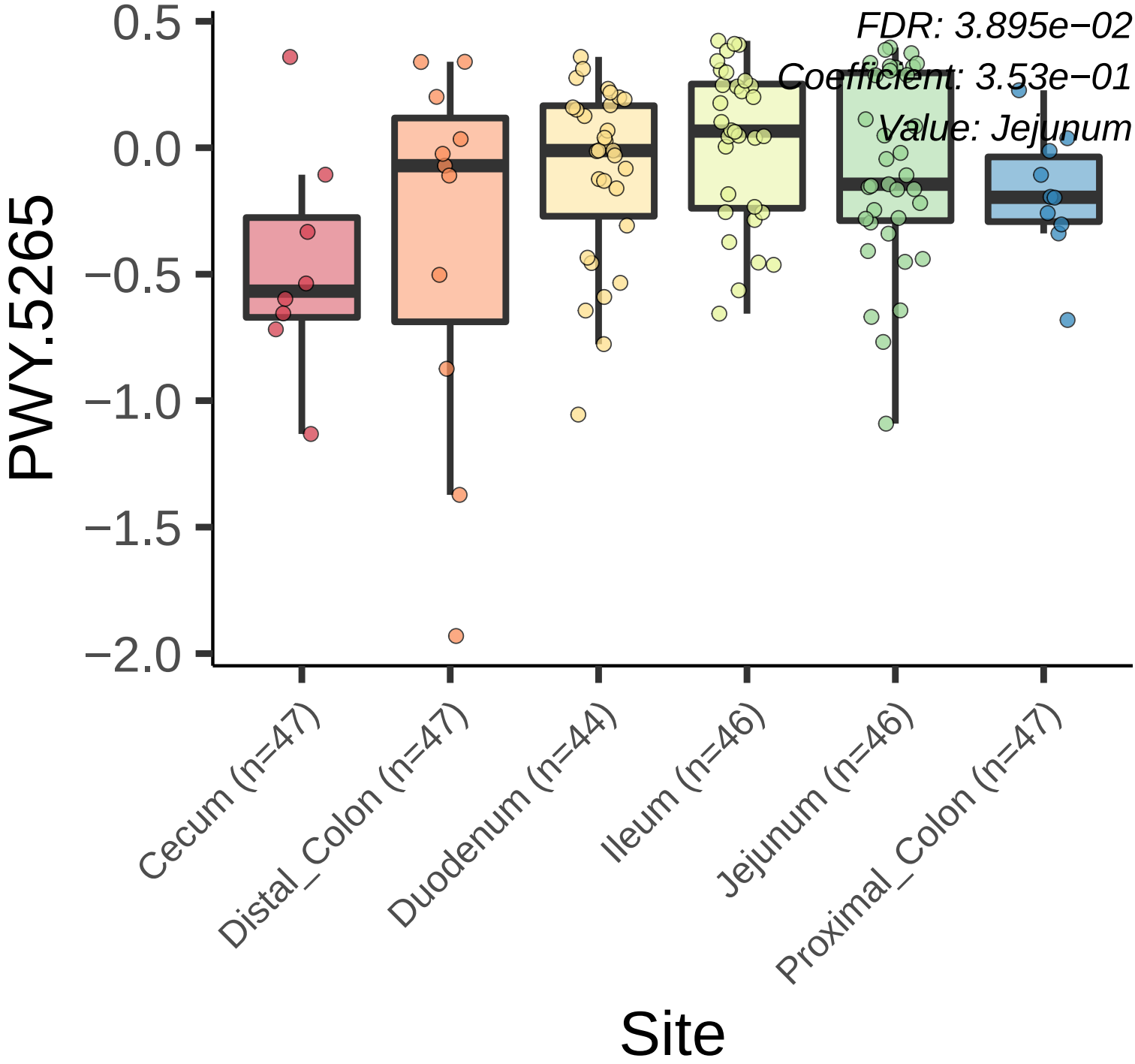
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.53e−01
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−1.0
−1.5
−2.0
Cecum (n=47)
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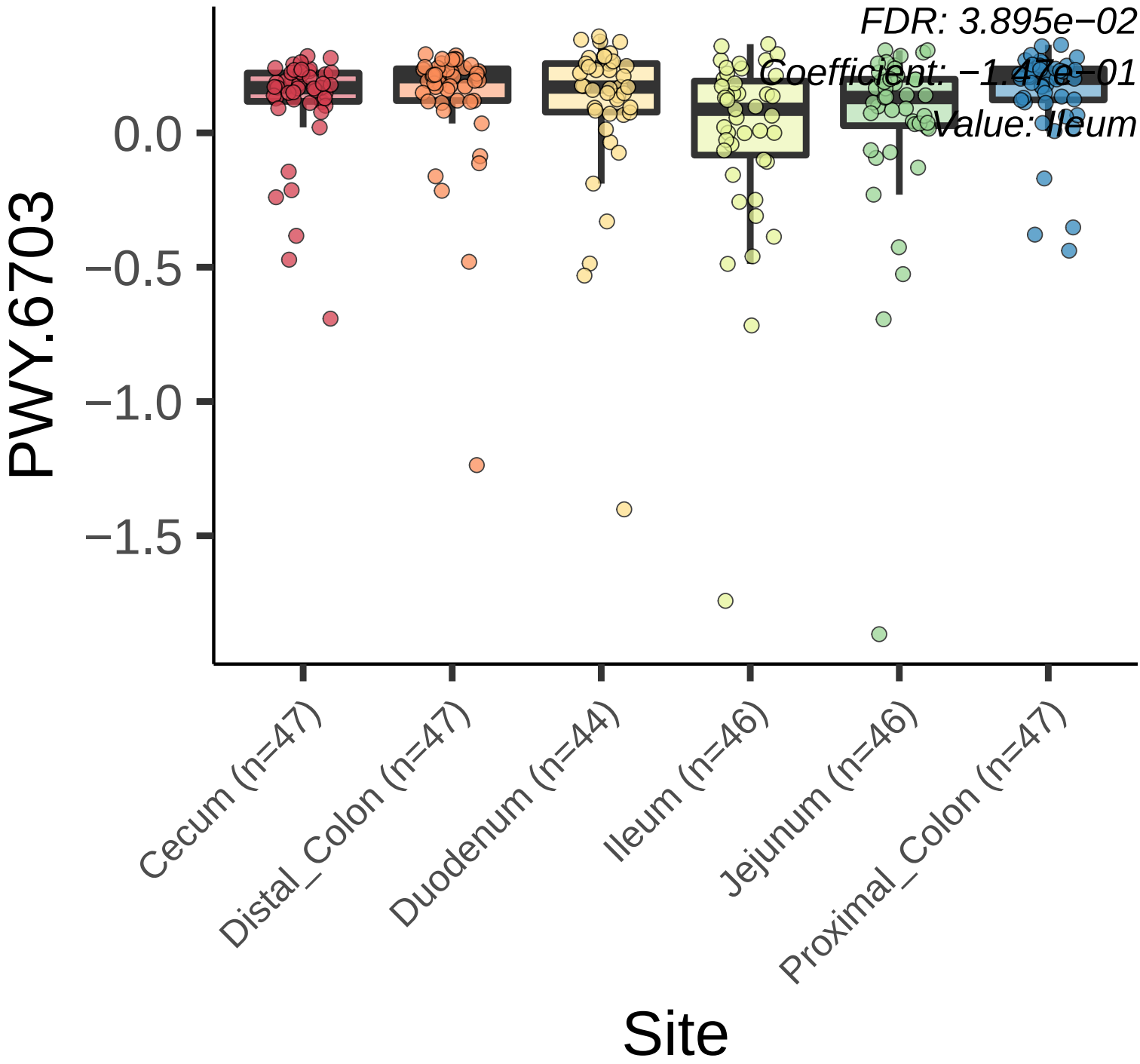
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.895e−02
Coefficient: −1.47e−01
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−1.0
−1.5
Cecum (n=47)
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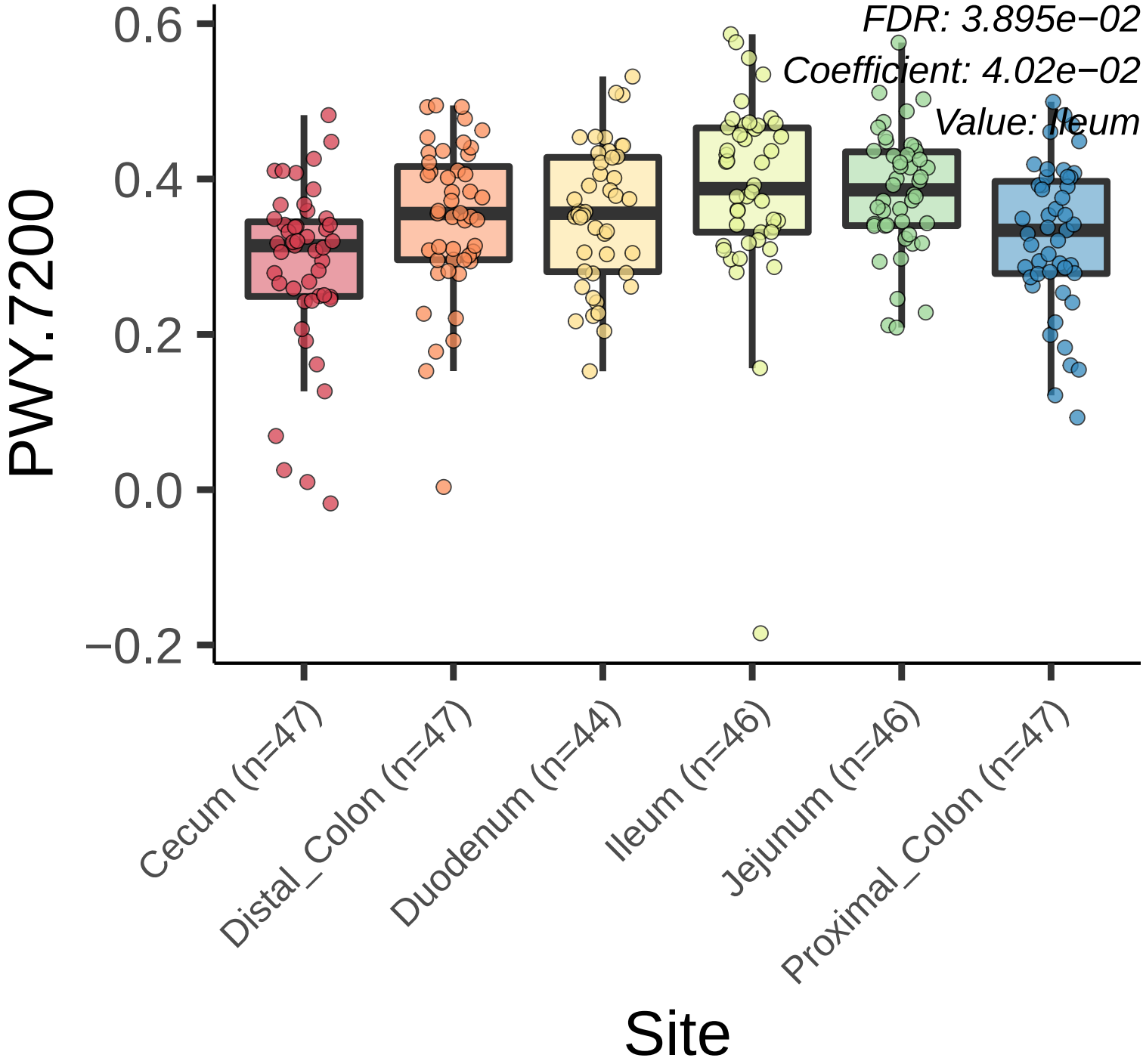
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 3.895e−02
Coefficient: 4.02e−02
Value: Ileum
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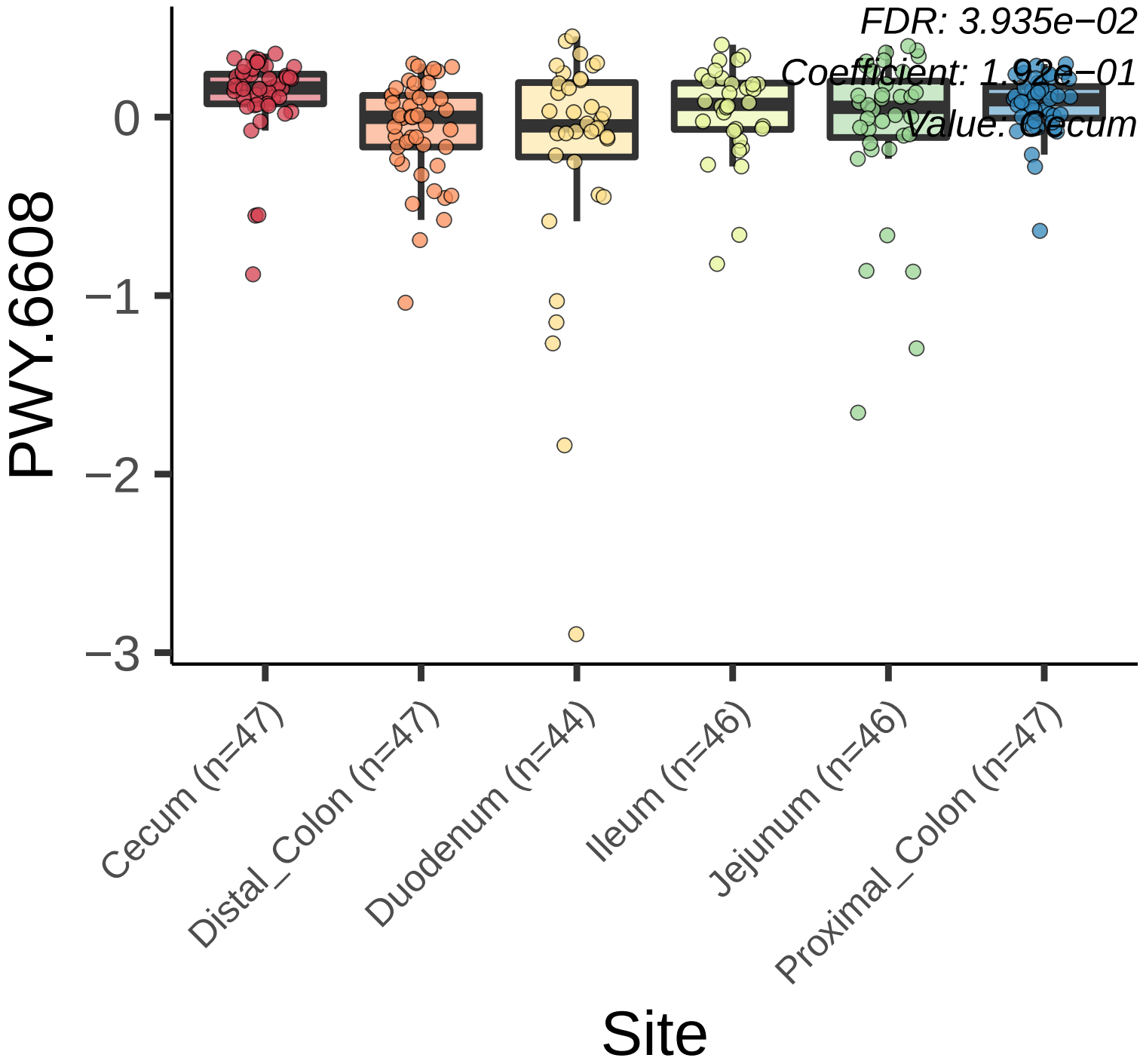
0.4
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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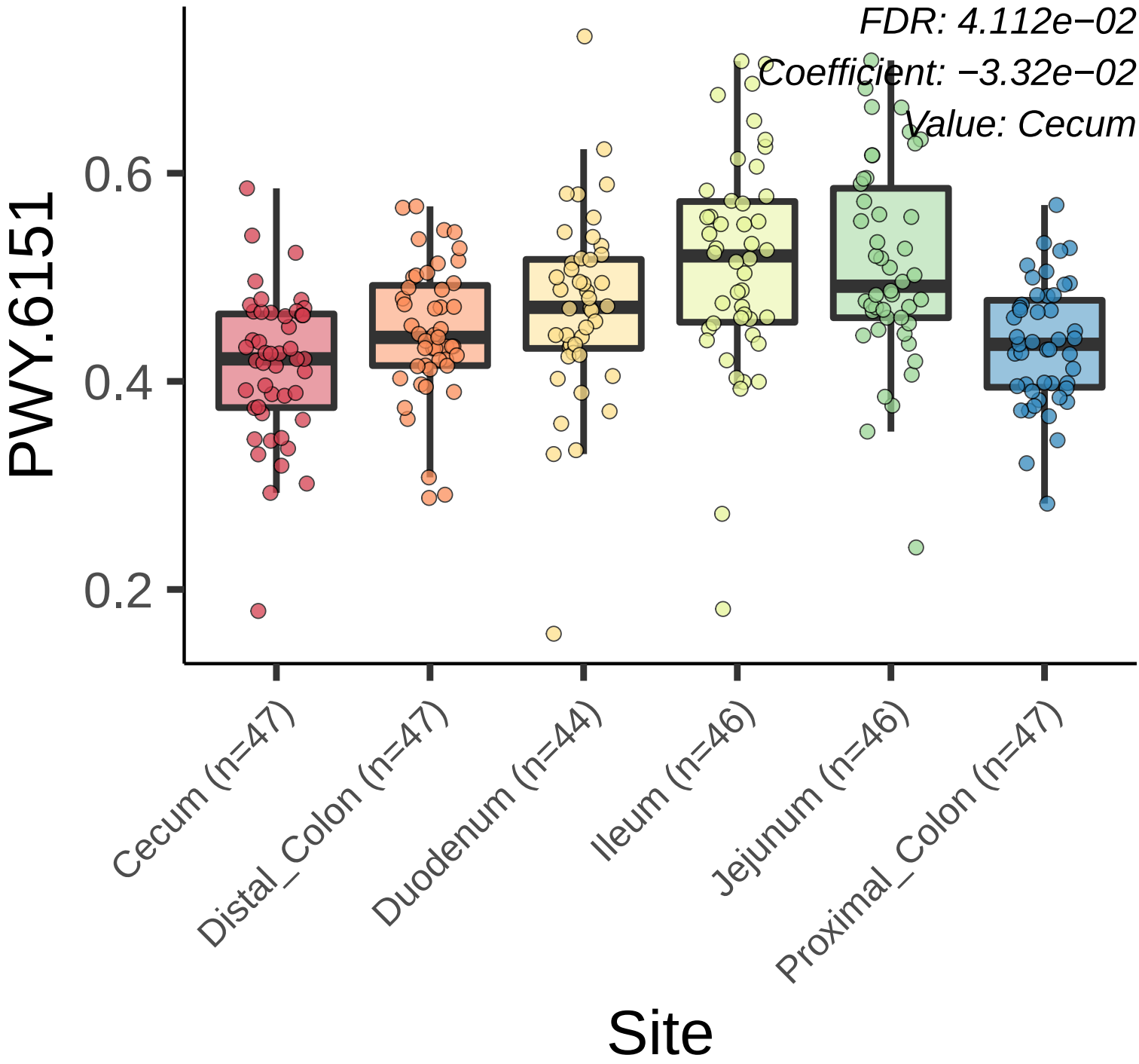
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.32e−02
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PWY.6151
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0.2
Cecum (n=47)
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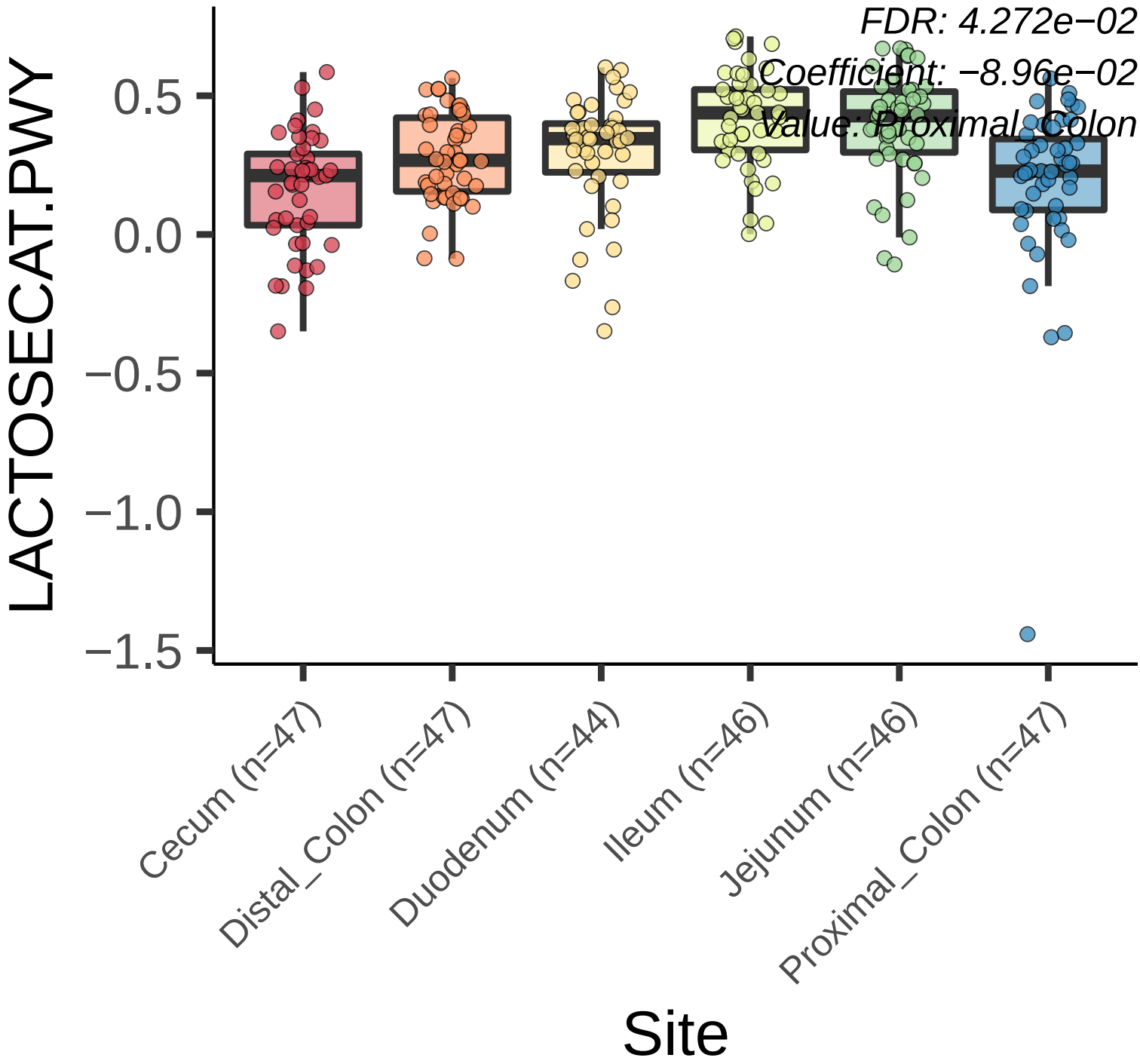
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1.5
Cecum (n=47)
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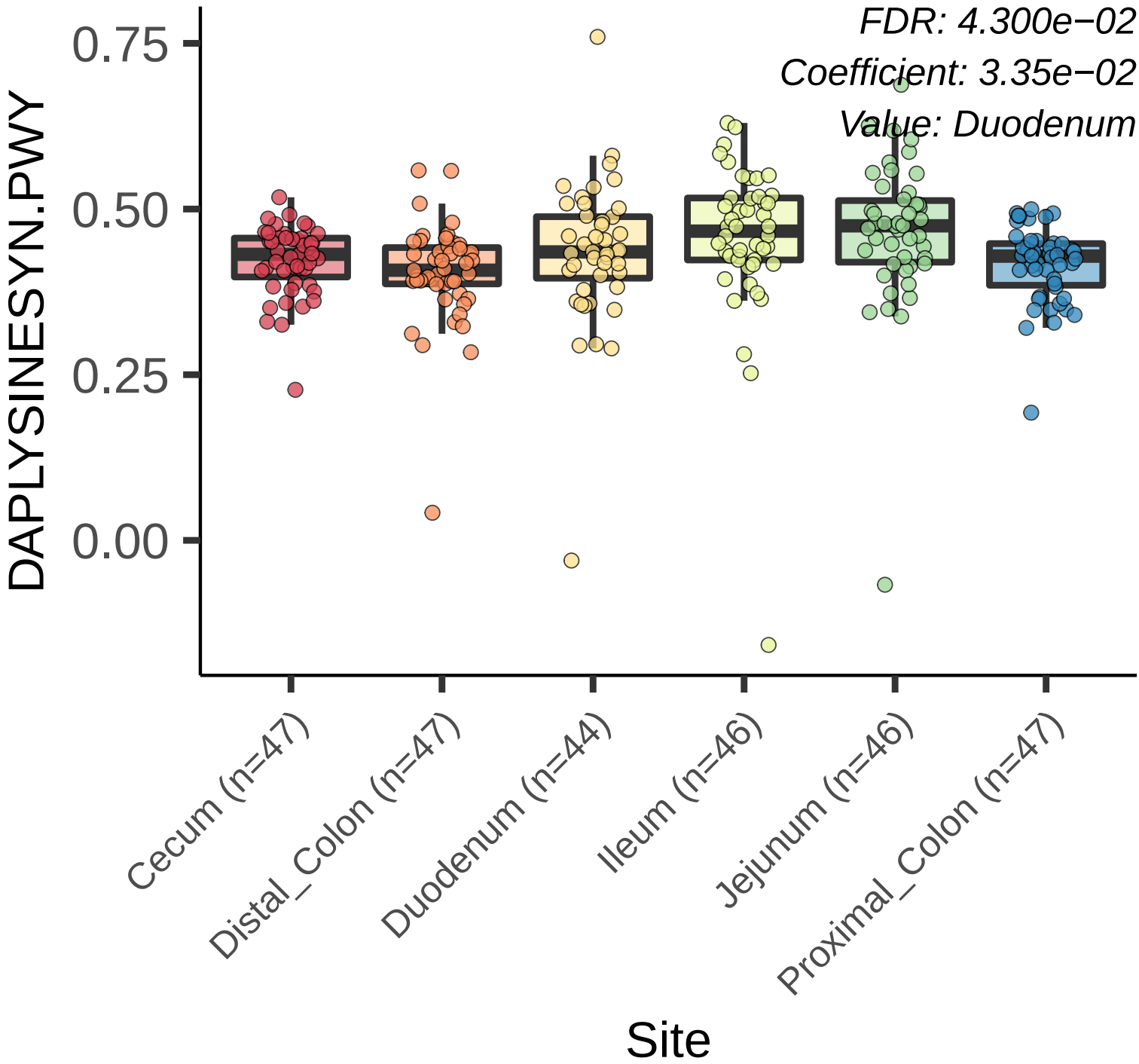
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.35e−02
Value: Duodenum
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Cecum (n=47)
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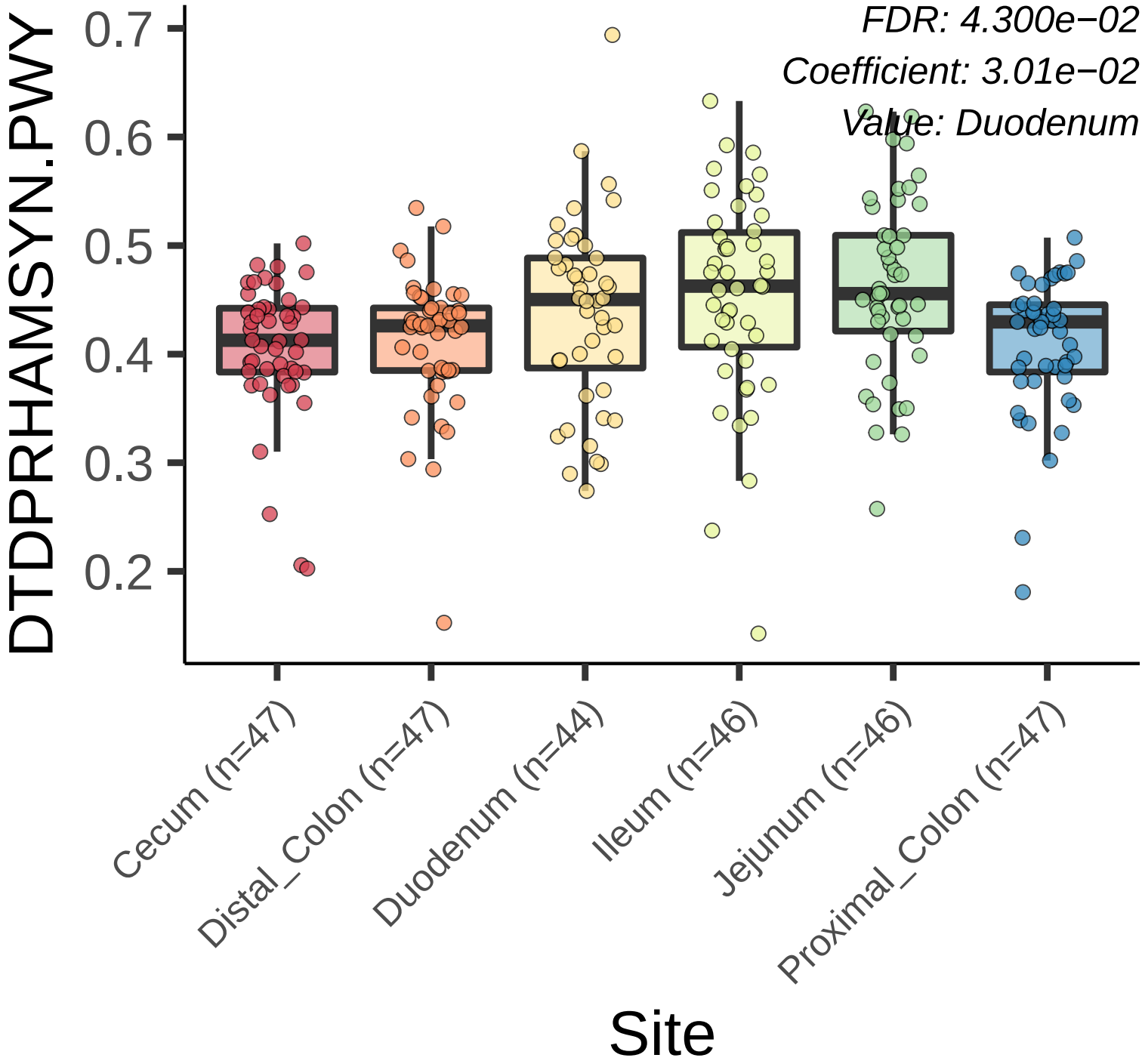
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.01e−02
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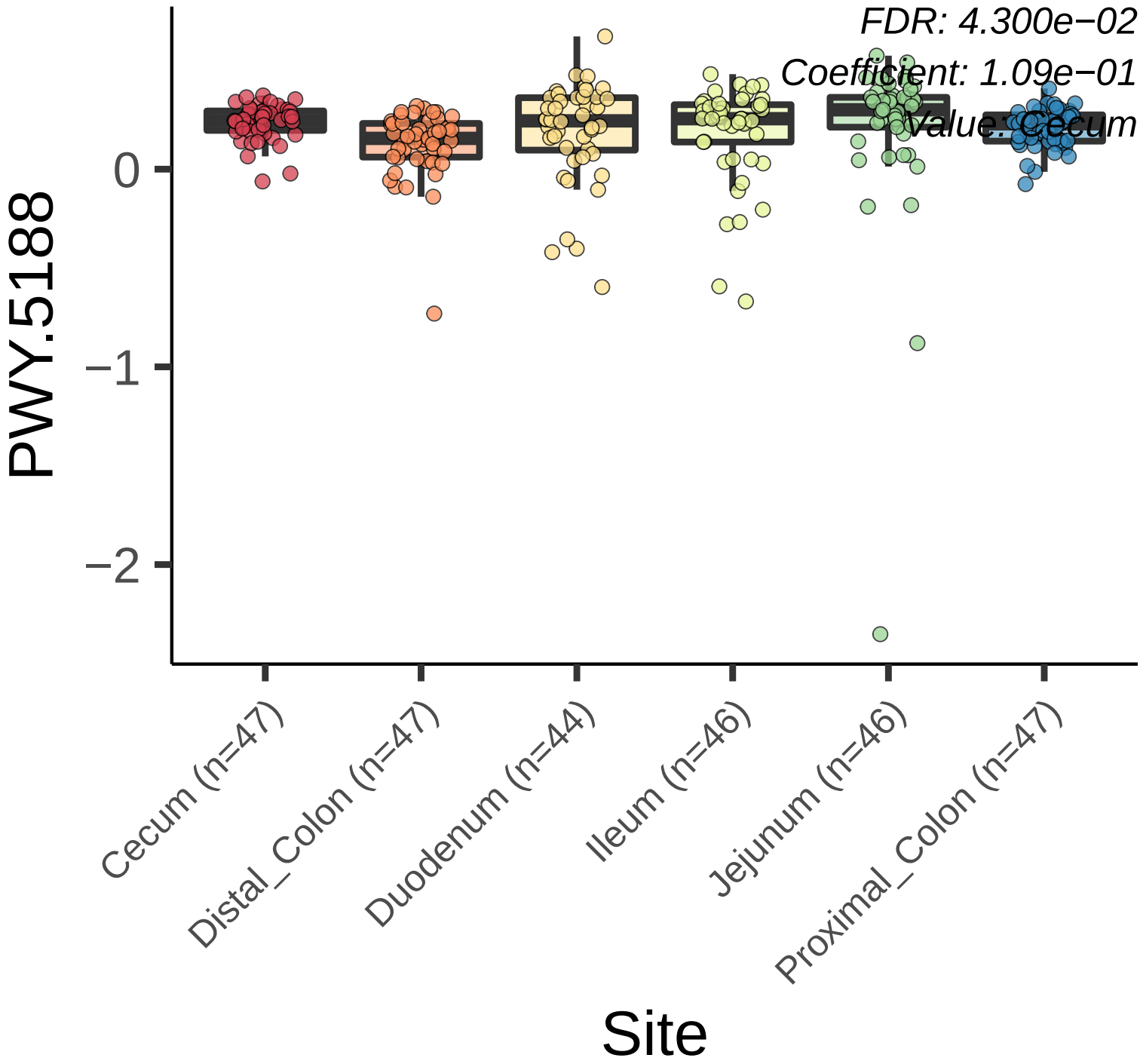
0.4
0.3
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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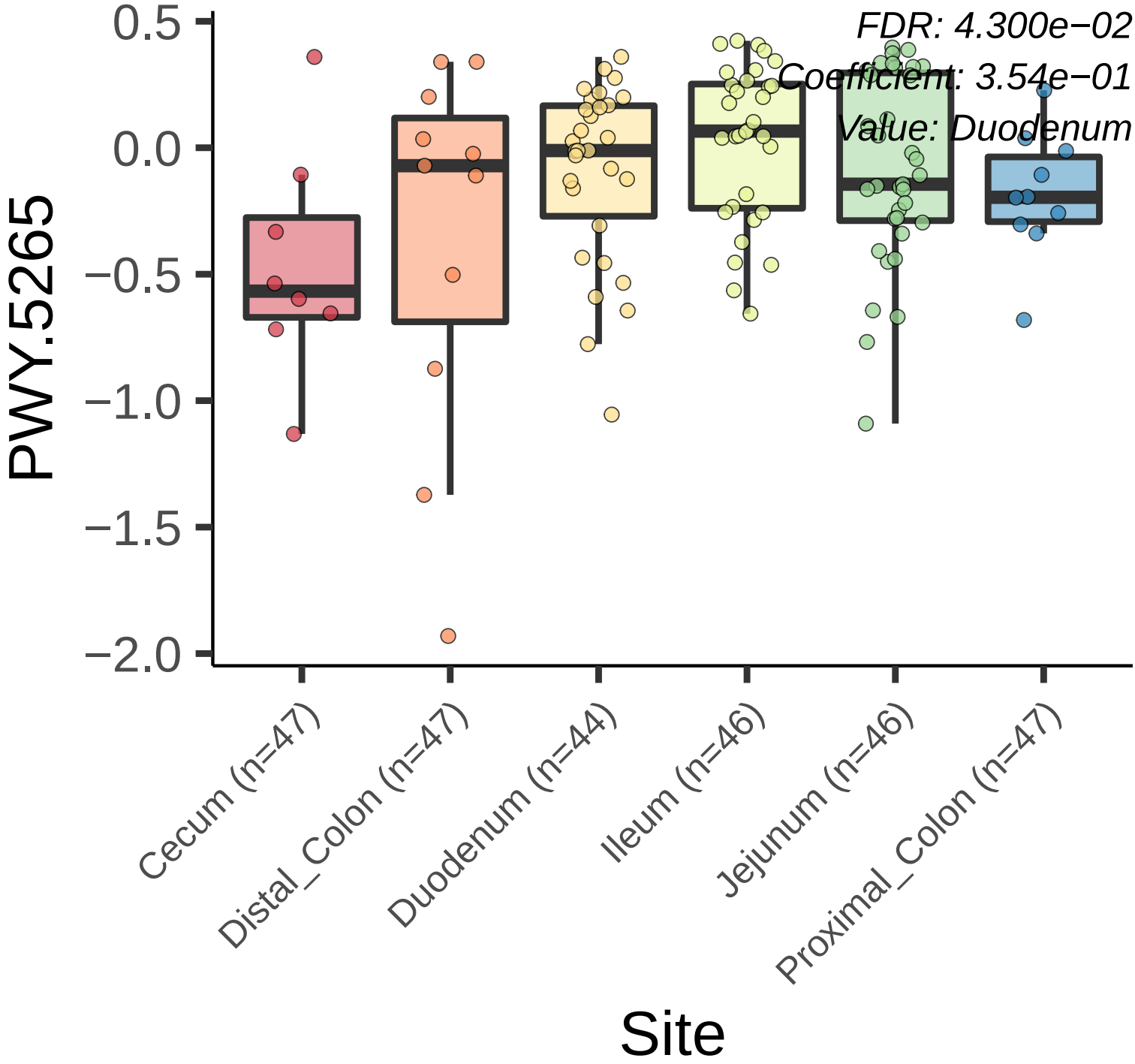
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.54e−01
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Cecum (n=47)
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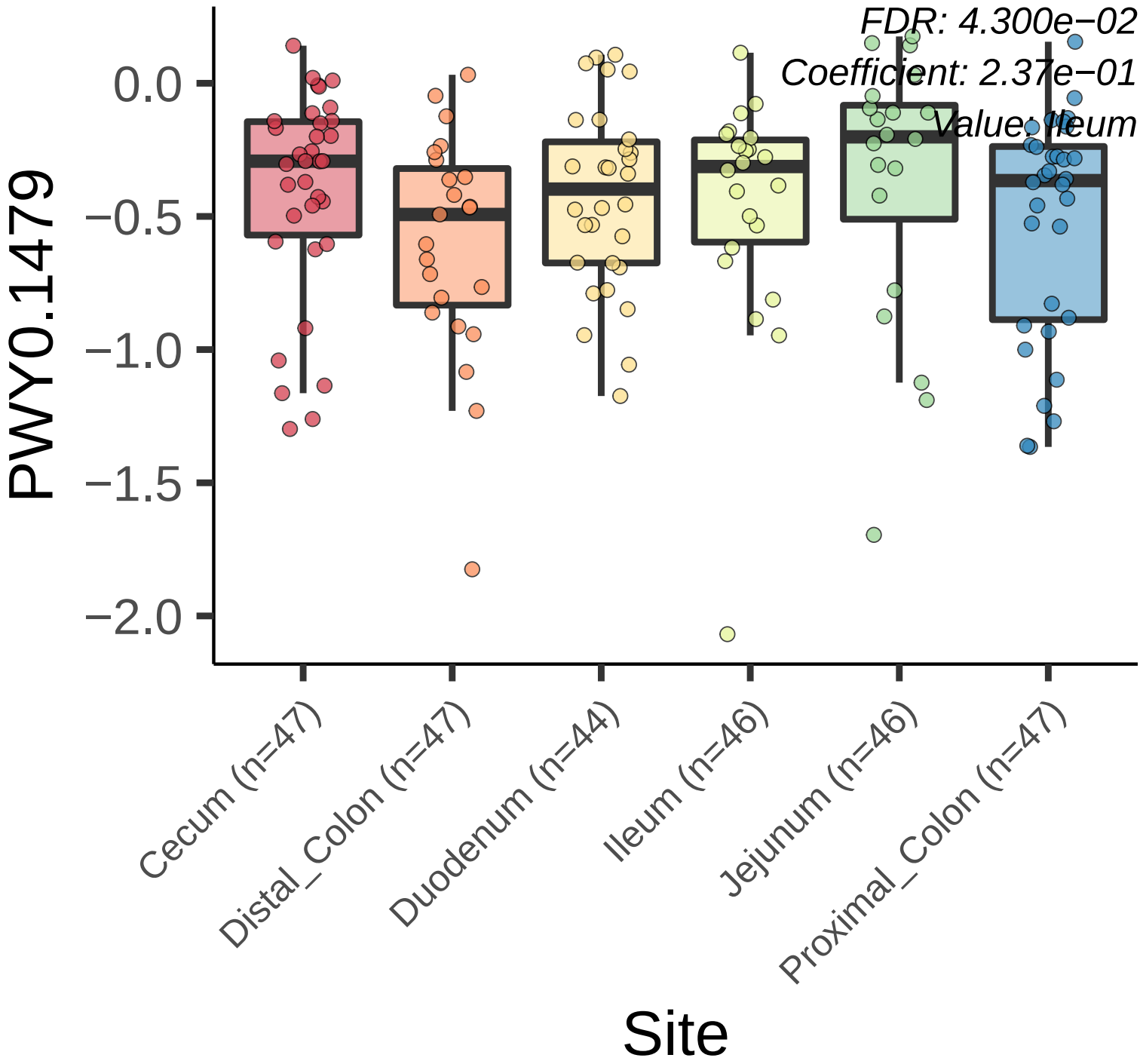
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.37e−01
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−1.5
−2.0
Cecum (n=47)
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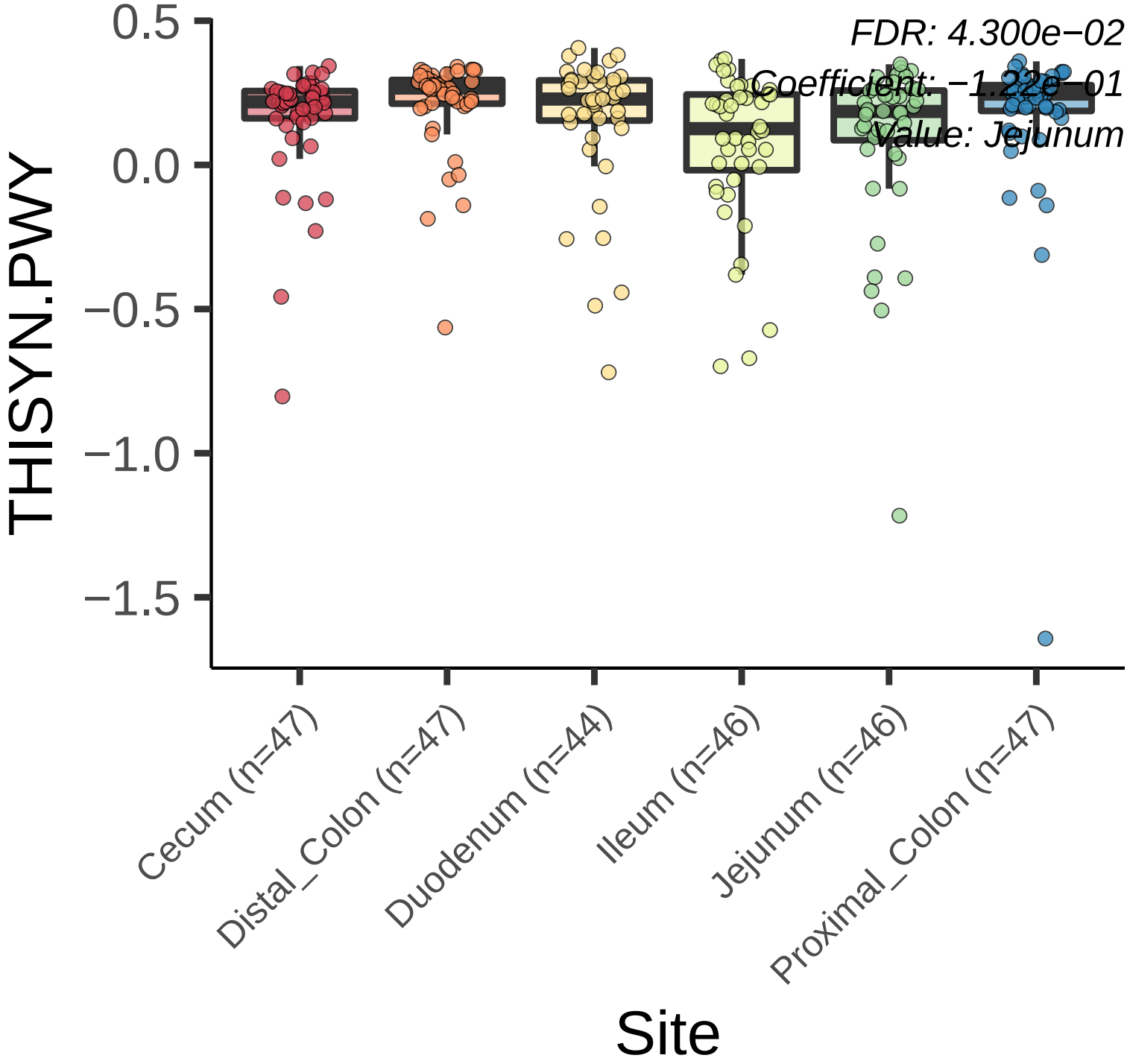
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.22e−01
Value: Jejunum
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−1.5
Cecum (n=47)
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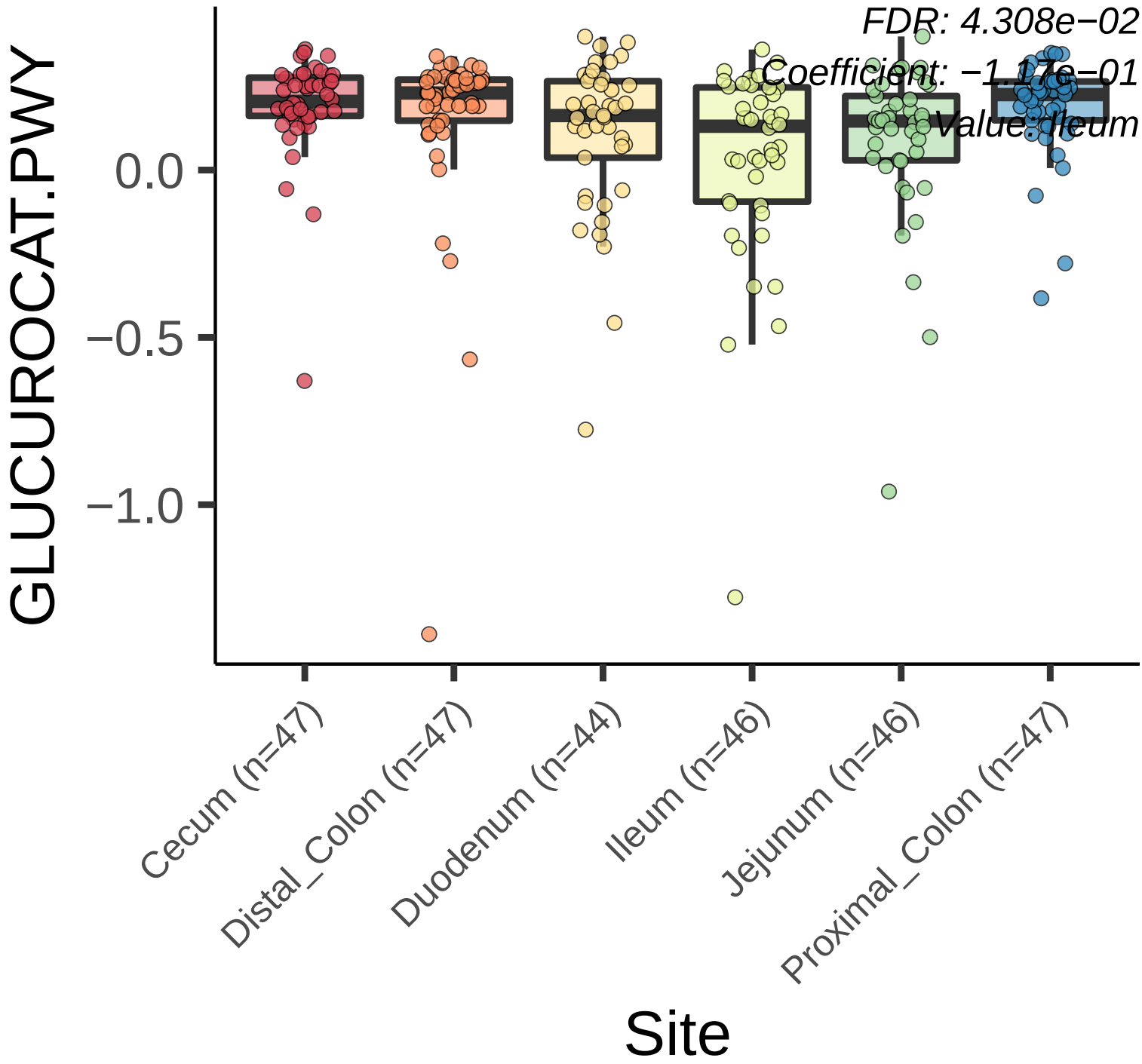
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.17e−01
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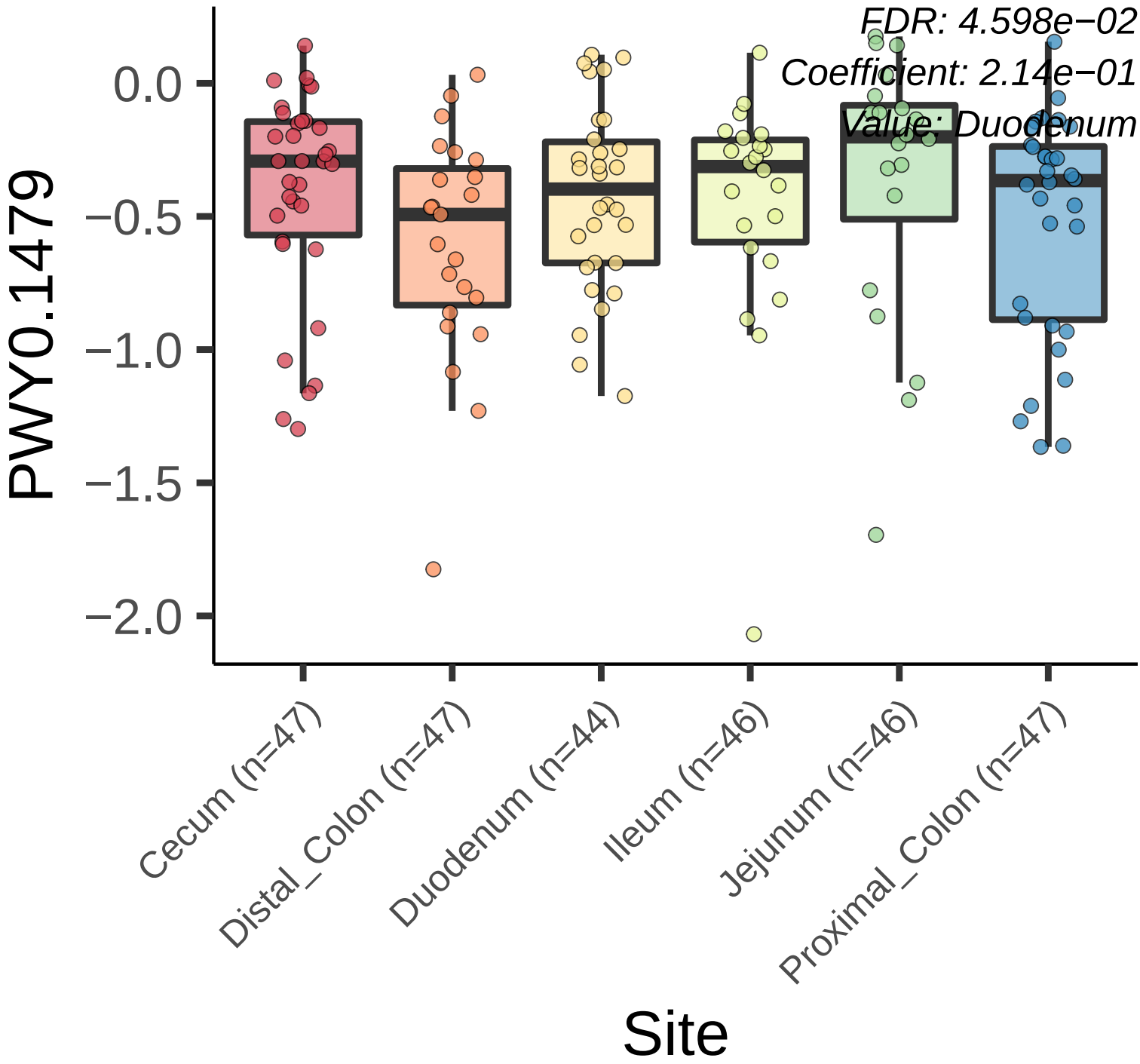
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.14e−01
Value: Duodenum
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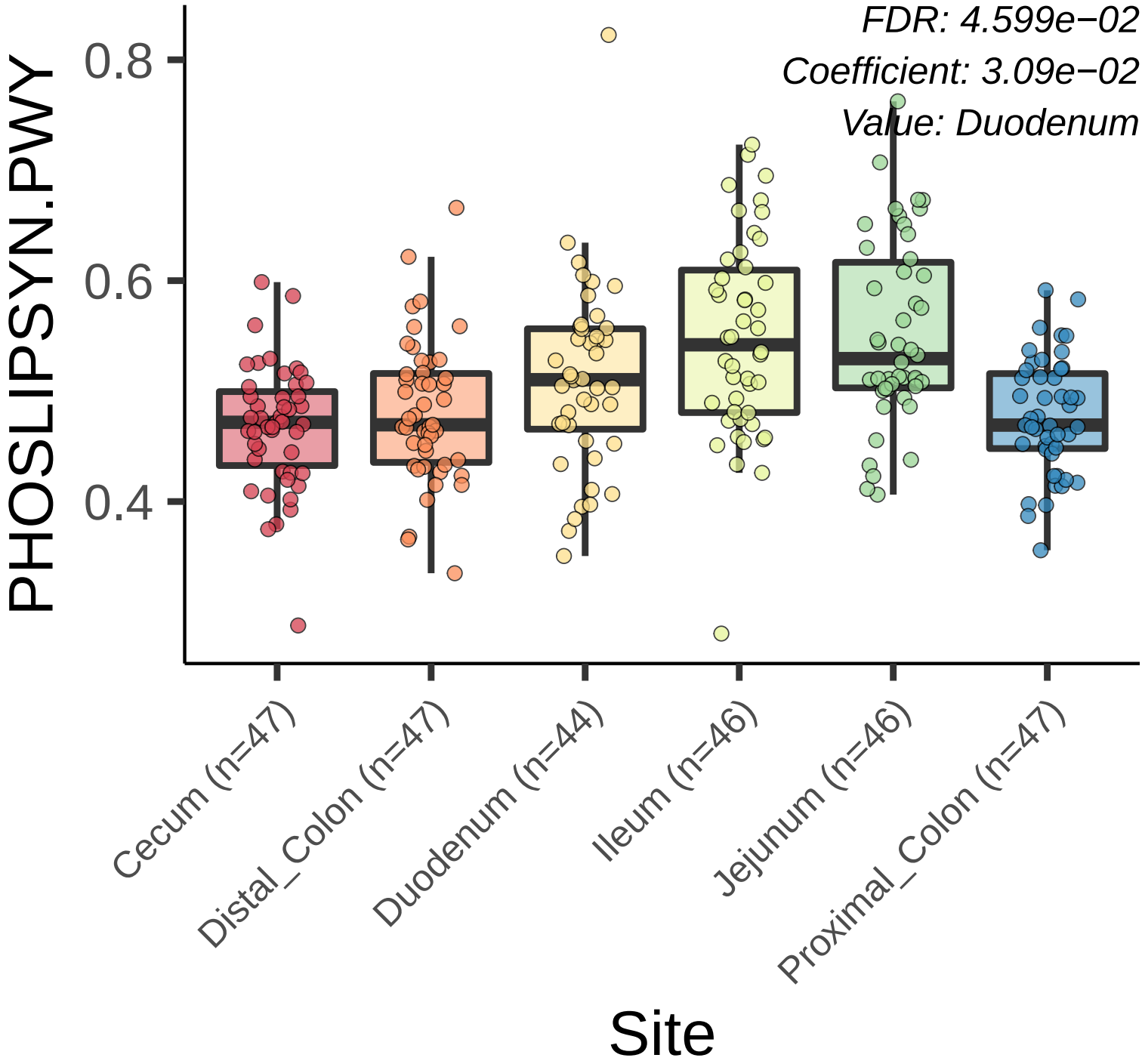
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.09e−02
Value: Duodenum
PHOSLIPSYN.PWY
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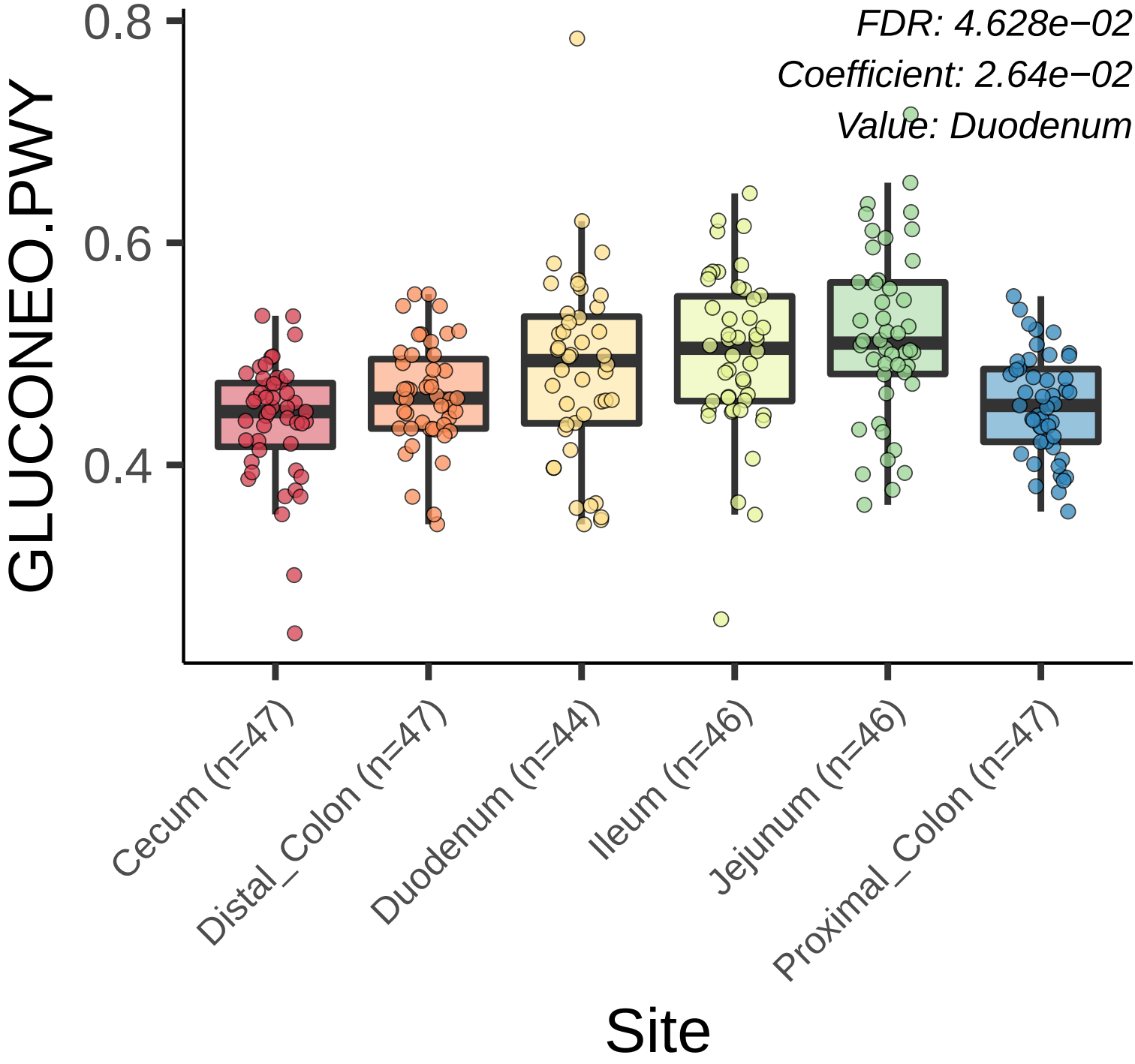
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.64e−02
Value: Duodenum
GLUCONEO.PWY
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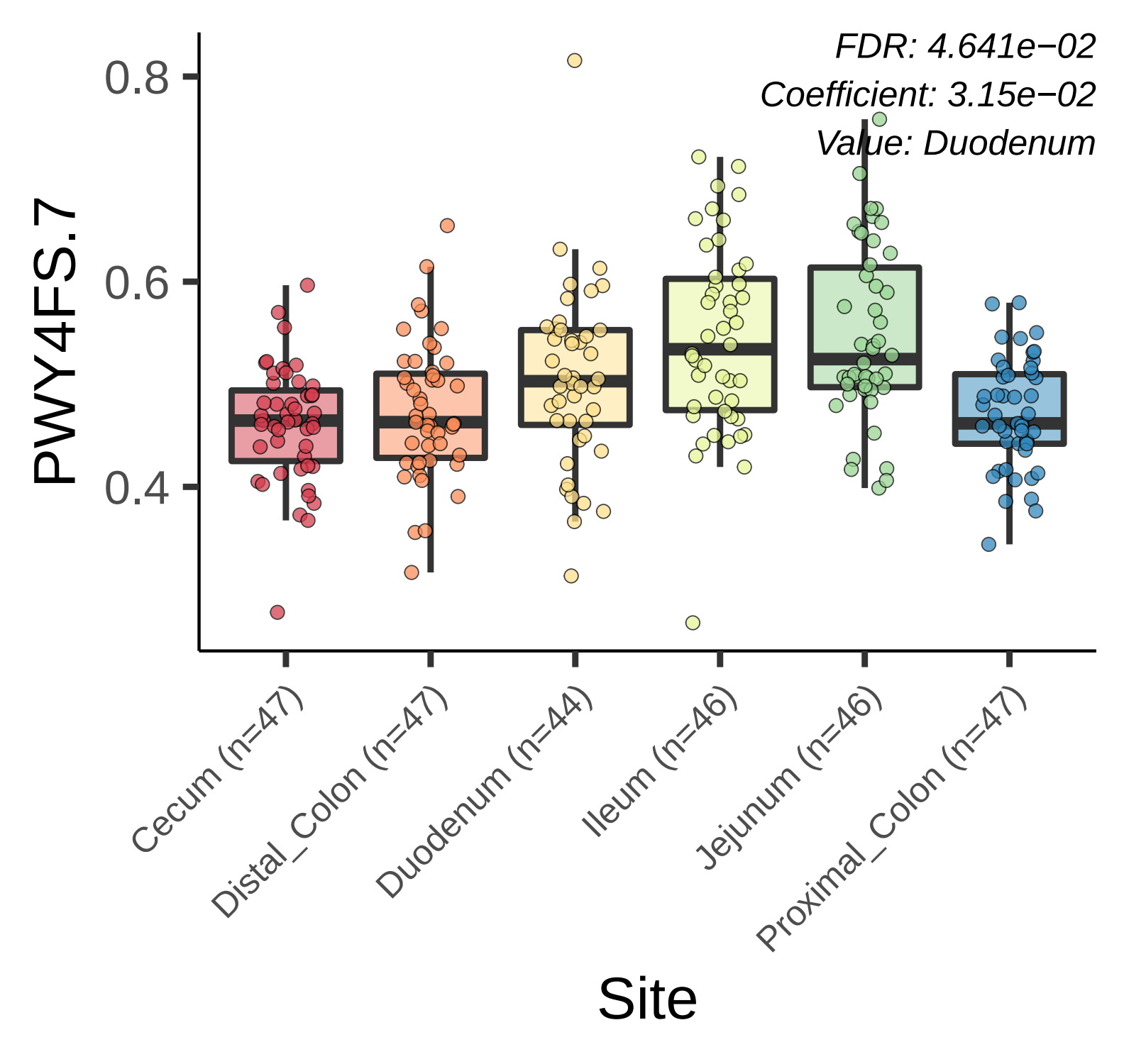
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.15e−02
Value: Duodenum
PWY4FS.7
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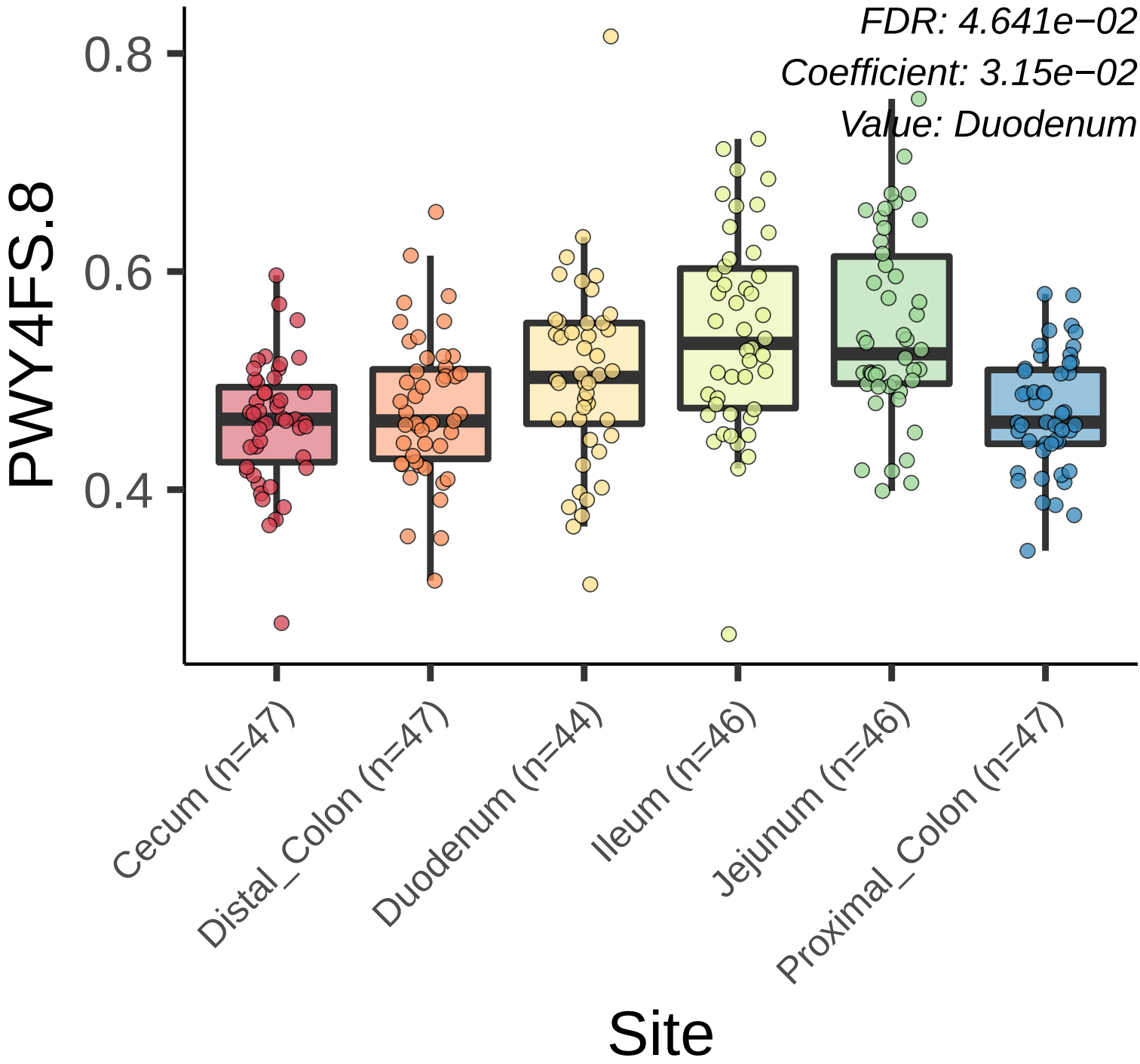
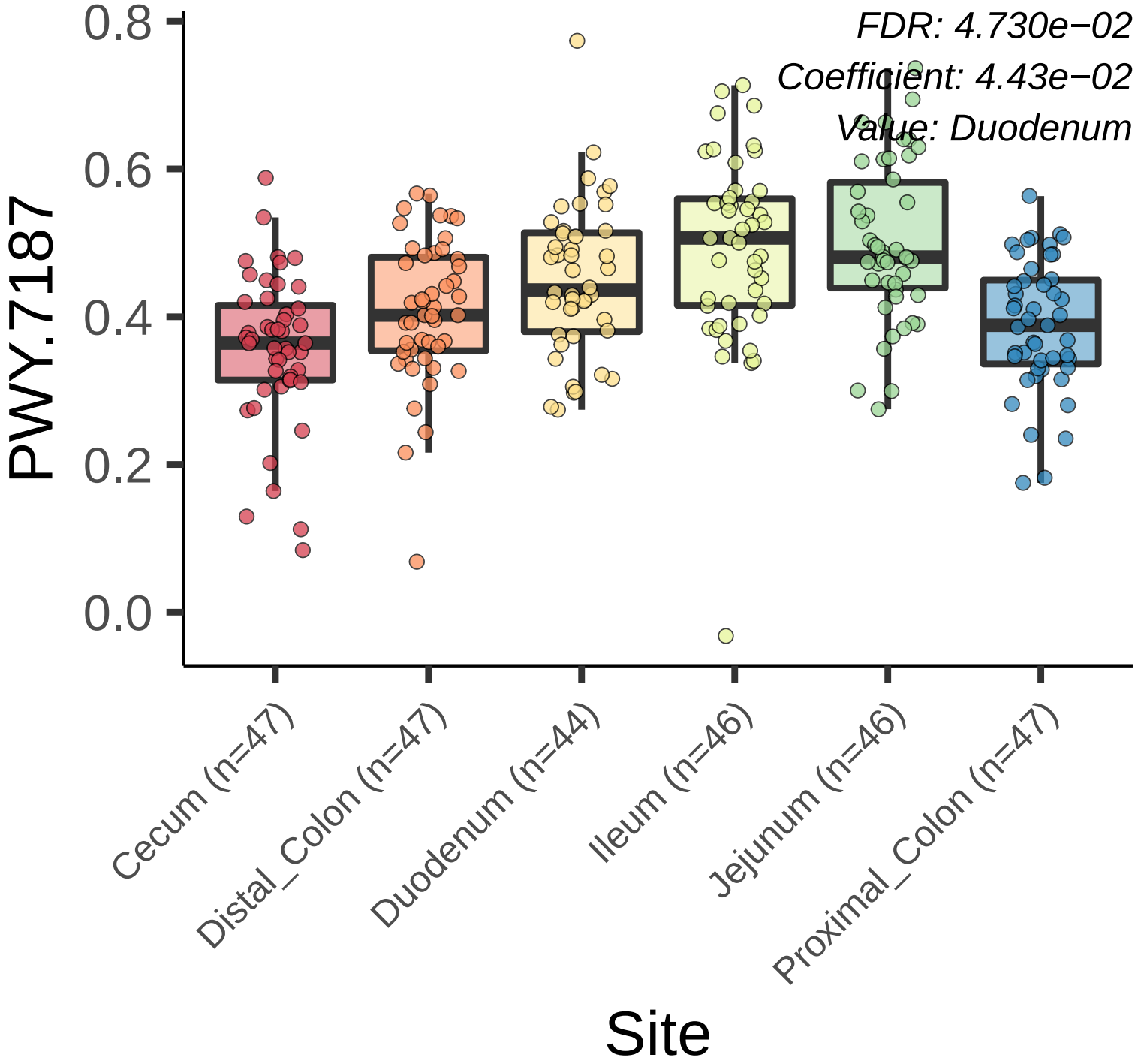
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.641e−02
Coefficient: 3.15e−02
Value: Duodenum
PWY4FS.8
0.8
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.730e−02
Coefficient: 4.43e−02
Value: Duodenum
PWY.7187
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0.4
0.2
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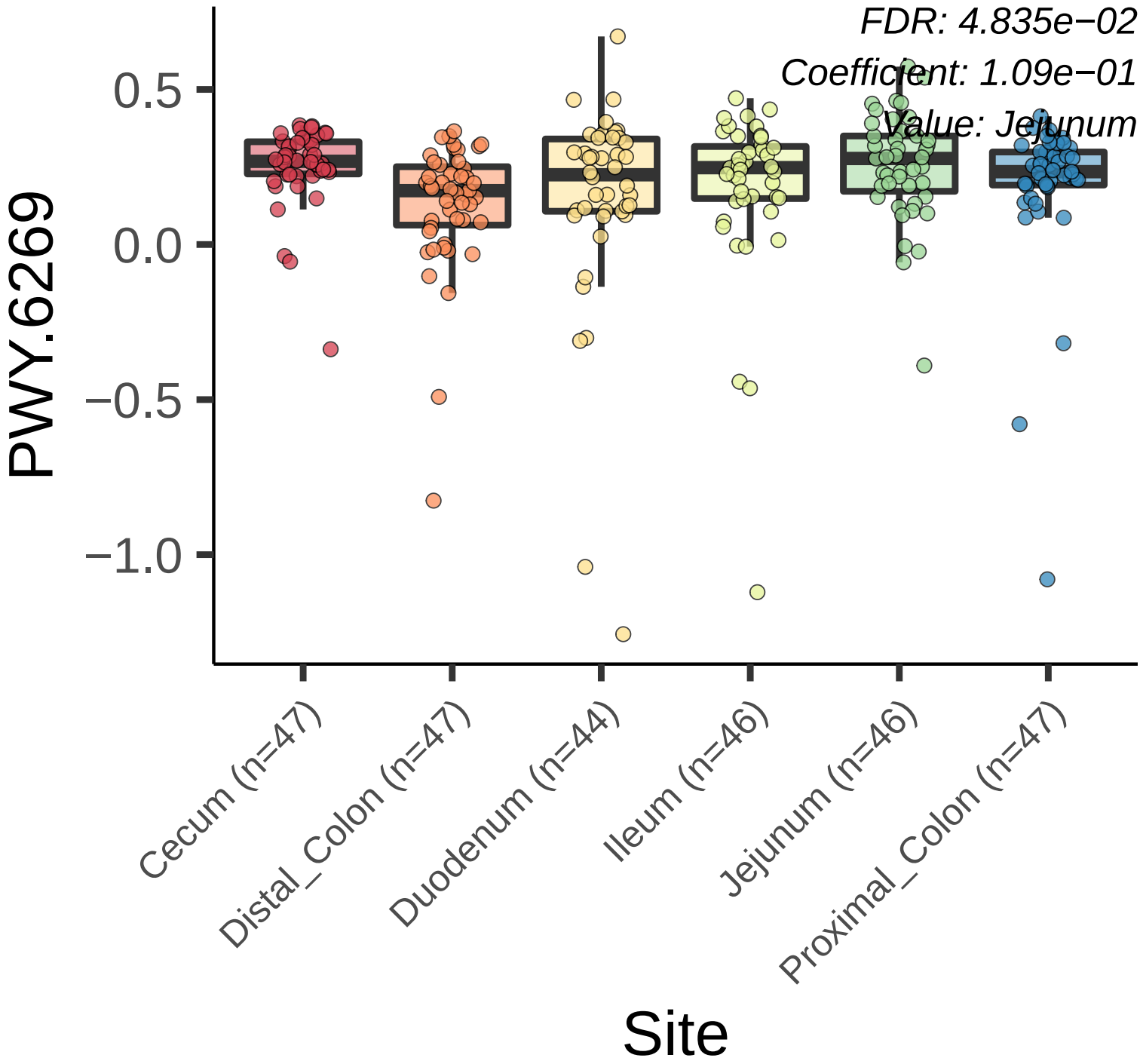
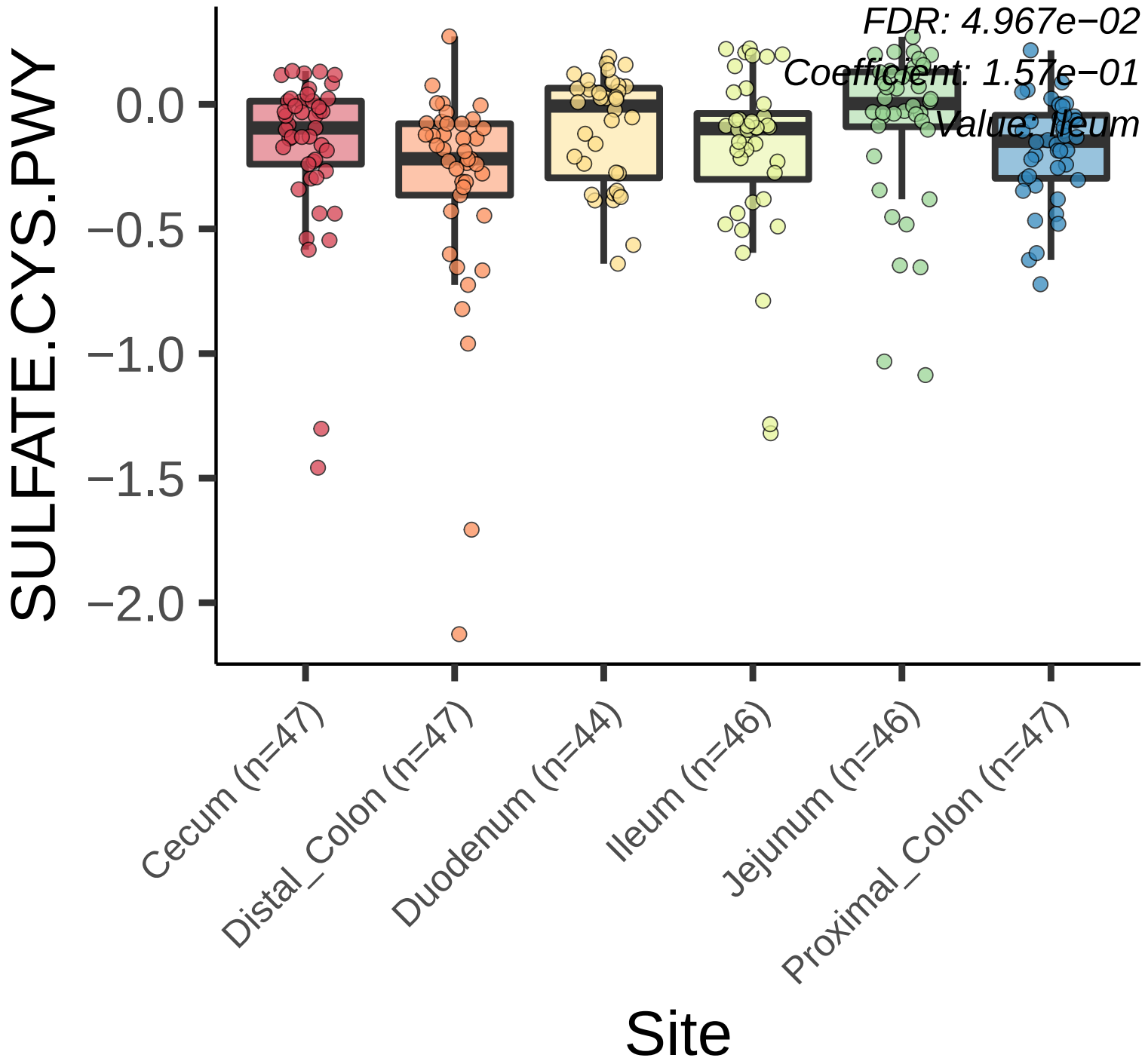
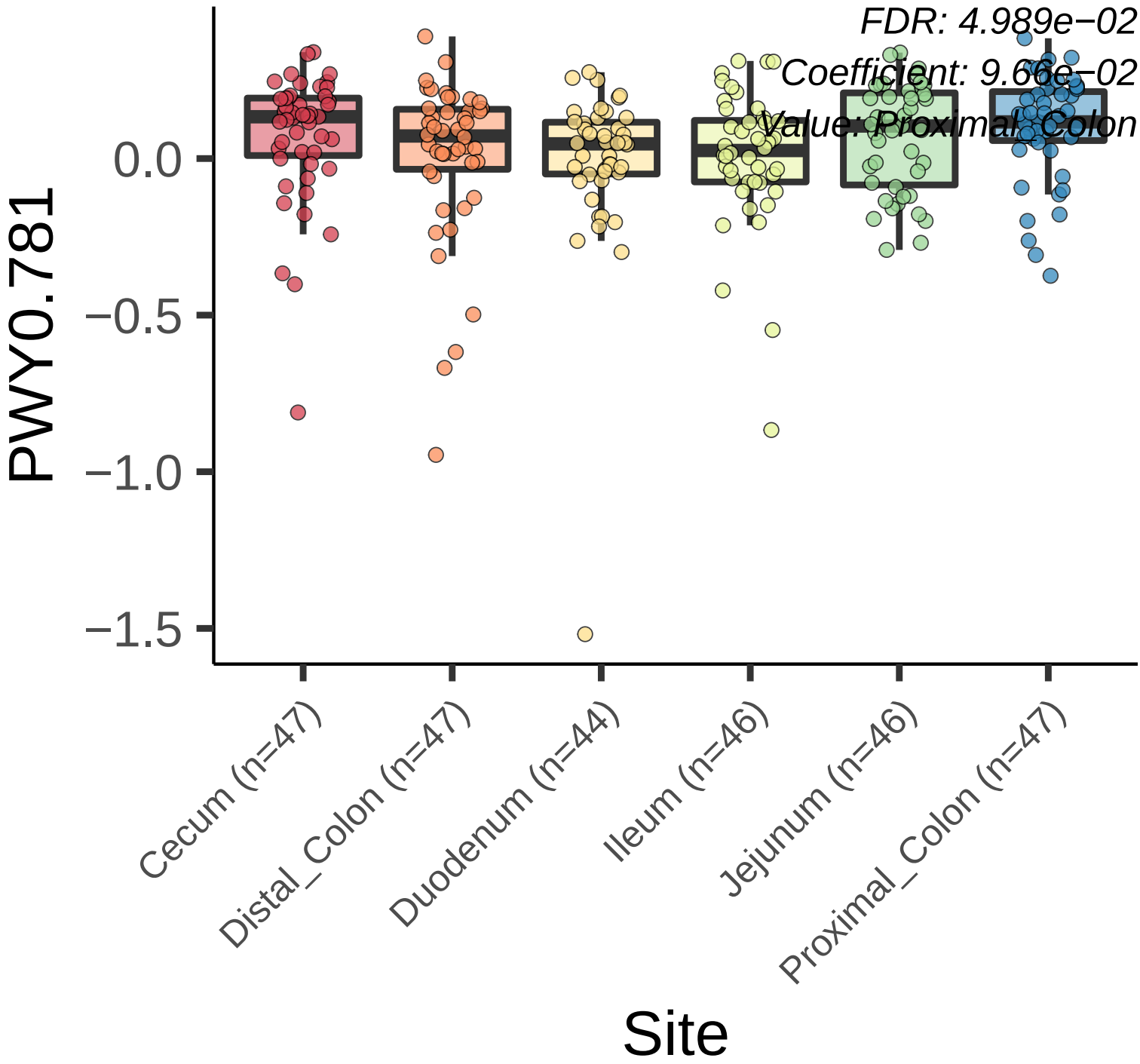
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.835e−02
Coefficient: 1.09e−01
Value: Jejunum
PWY.6269
0.5
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.967e−02
Coefficient: 1.57e−01
Value: Ileum
SULFATE.CYS.PWY
0.0
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 4.989e−02
Coefficient: 9.66e−02
Value: Proximal_Colon
PWY0.781
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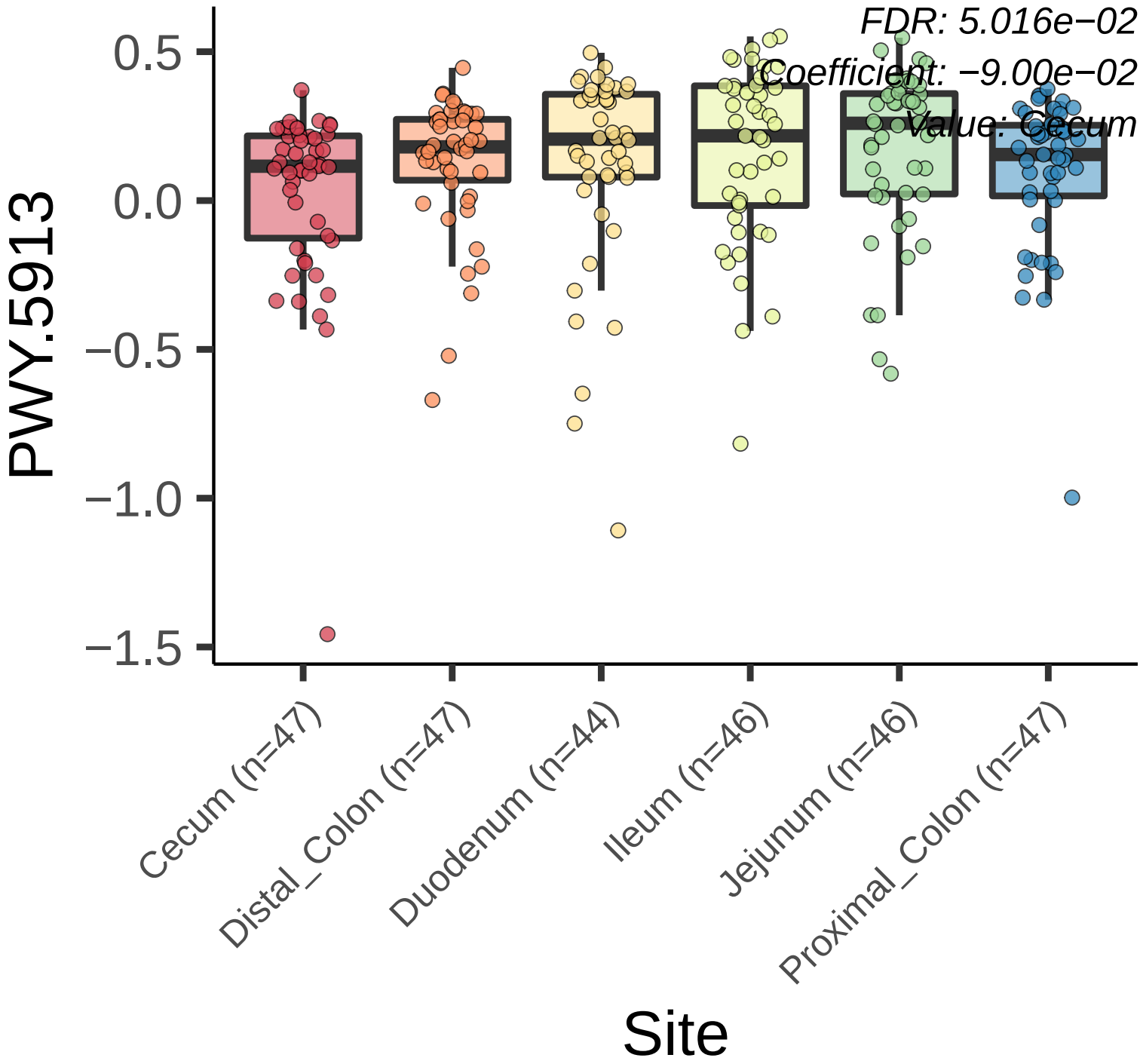
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.016e−02
Coefficient: −9.00e−02
Value: Cecum
PWY.5913
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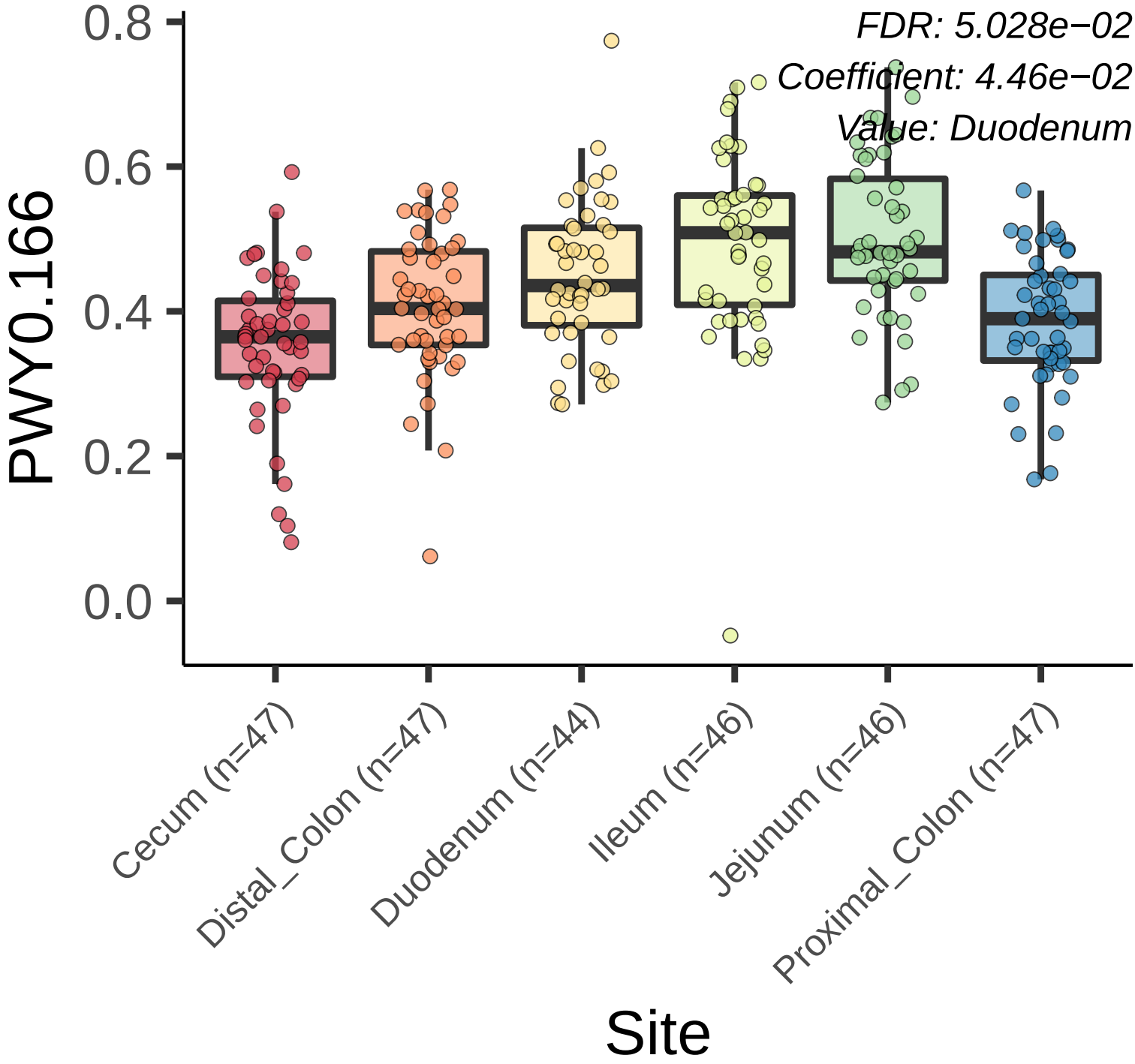
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.028e−02
Coefficient: 4.46e−02
Value: Duodenum
PWY0.166
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0.6
0.4
0.2
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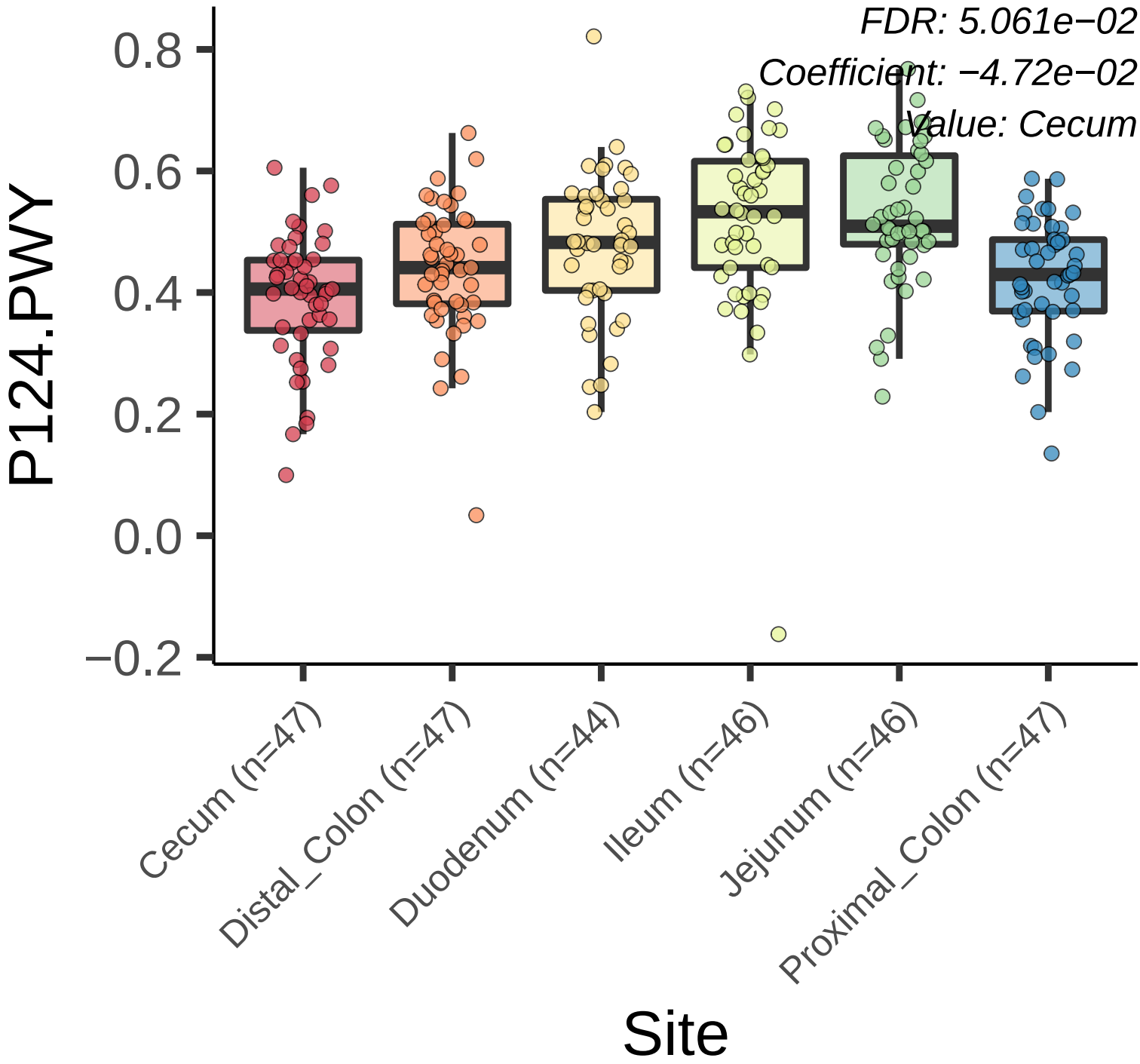
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −4.72e−02
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P124.PWY
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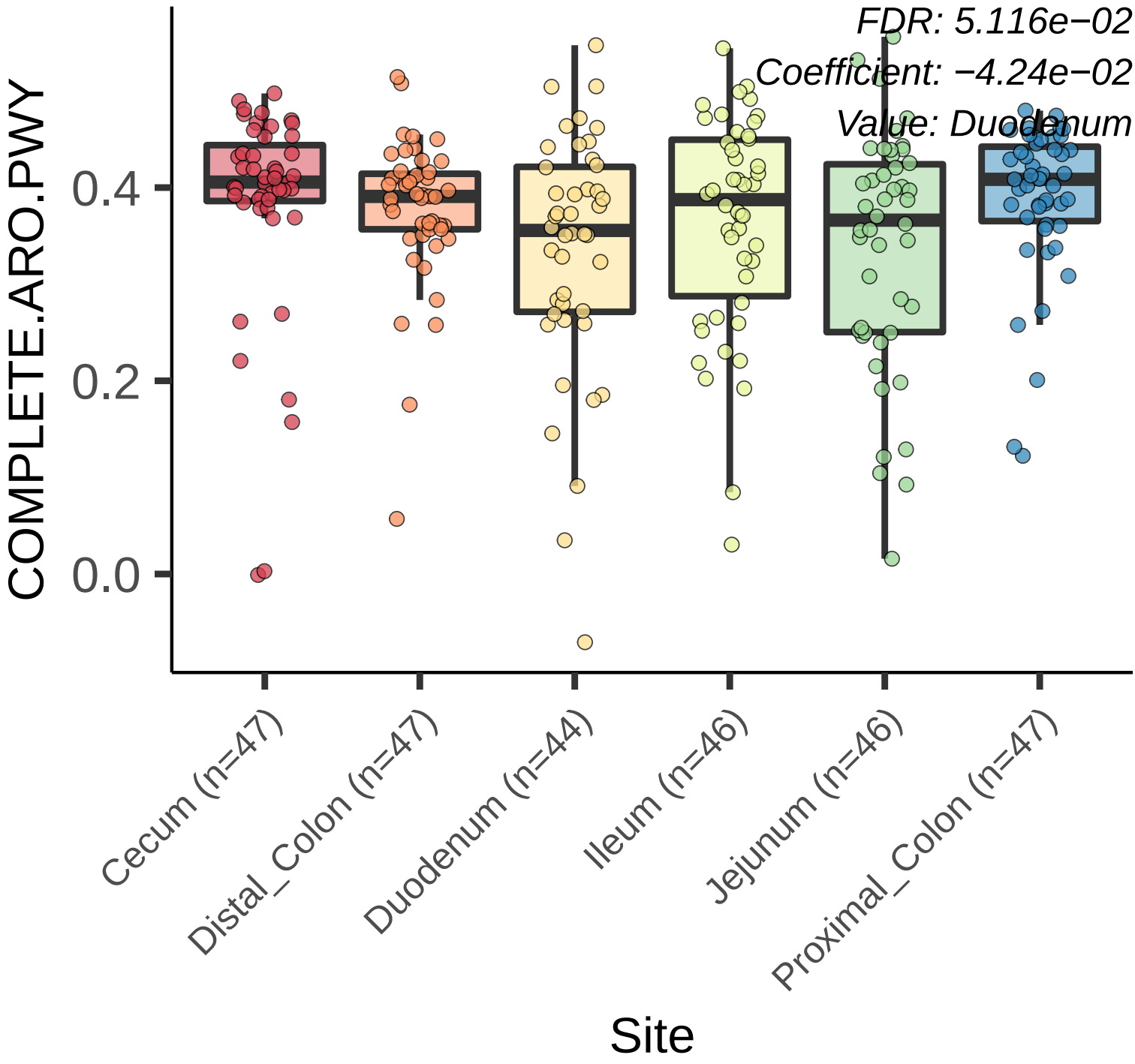
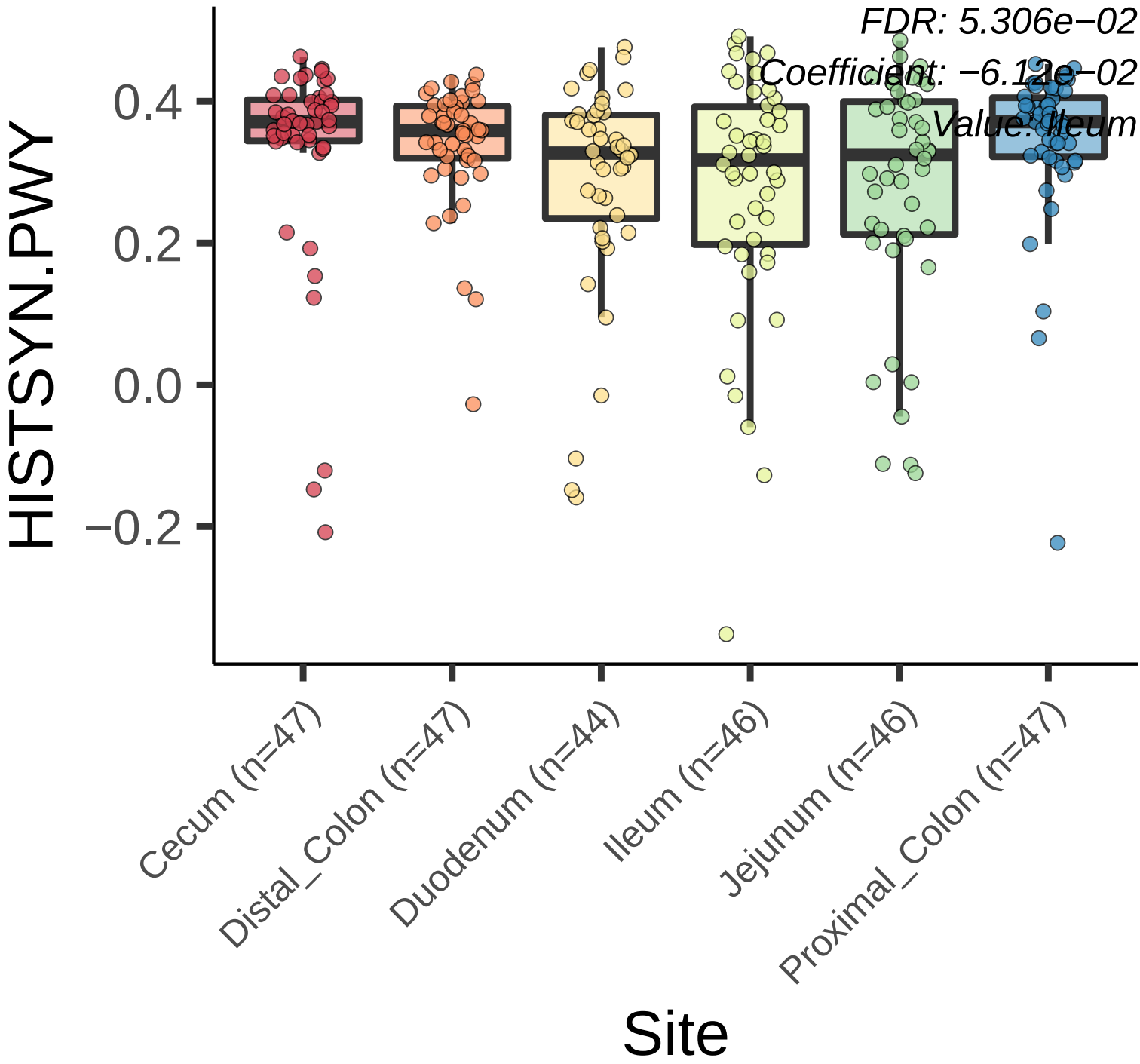
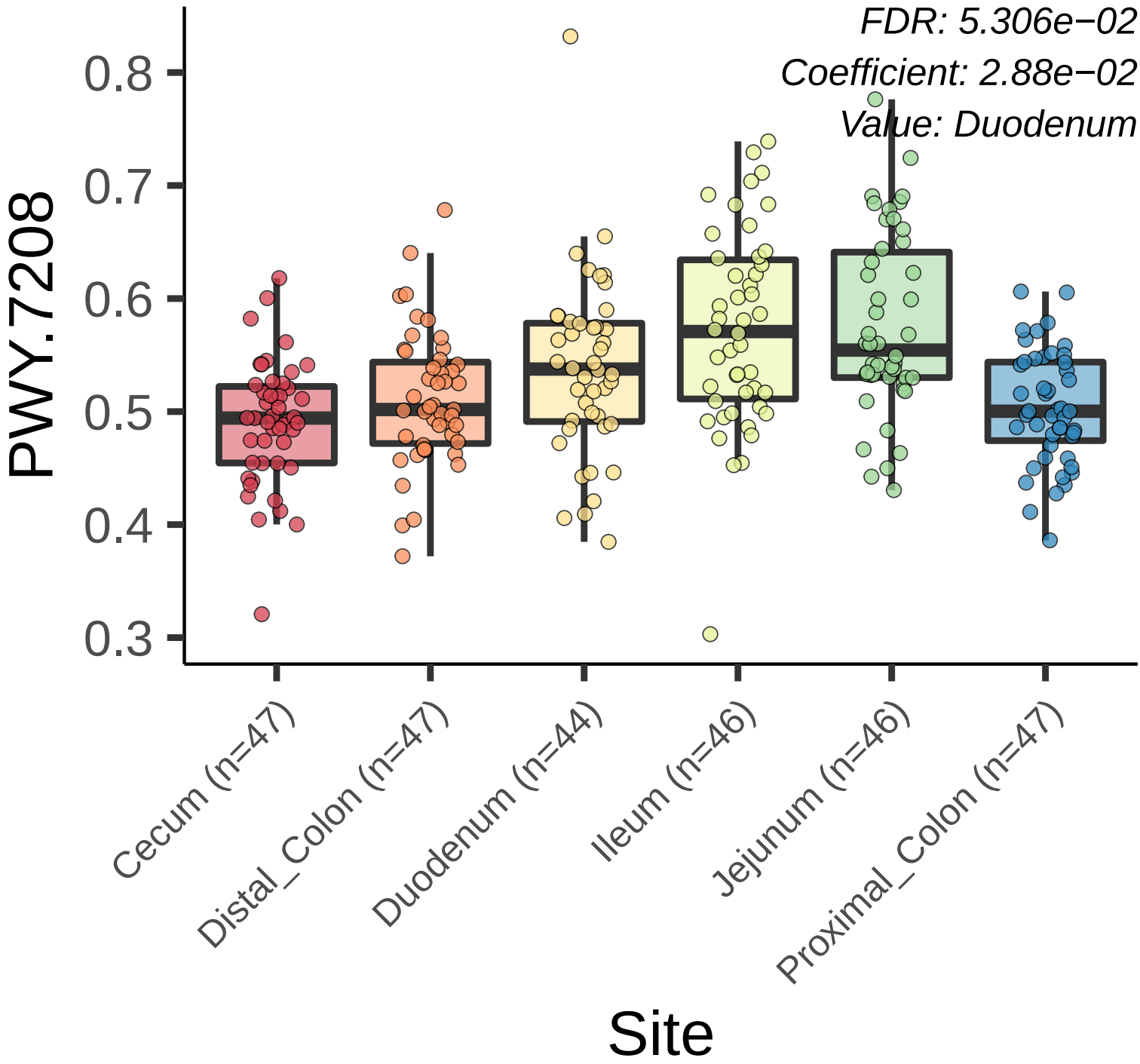
0.6
0.4
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.116e−02
Coefficient: −4.24e−02
Value: Duodenum
COMPLETE.ARO.PWY
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.306e−02
Coefficient: −6.12e−02
Value: Ileum
HISTSYN.PWY
0.4
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.306e−02
Coefficient: 2.88e−02
Value: Duodenum
PWY.7208
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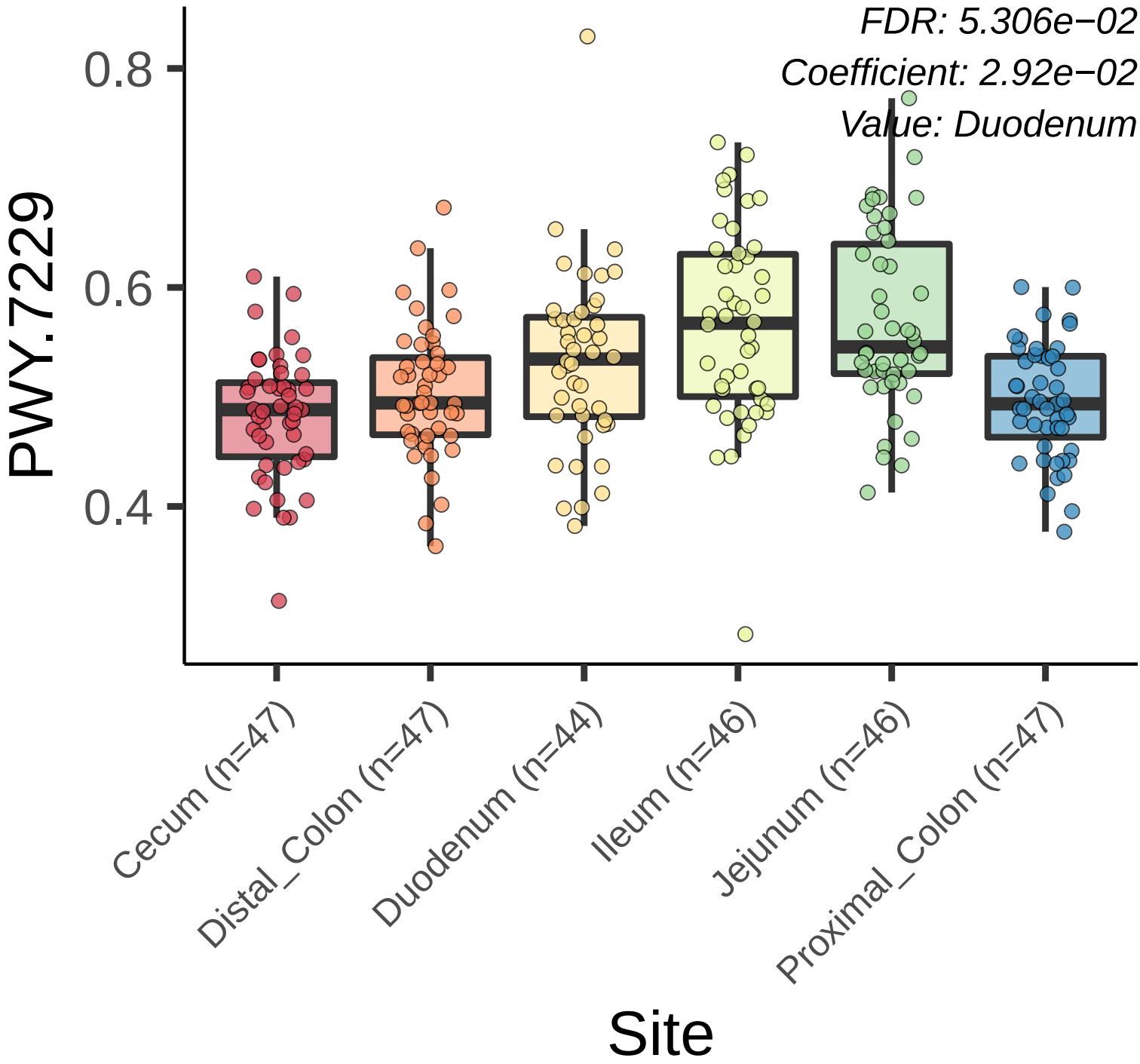
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.306e−02
Coefficient: 2.92e−02
Value: Duodenum
PWY.7229
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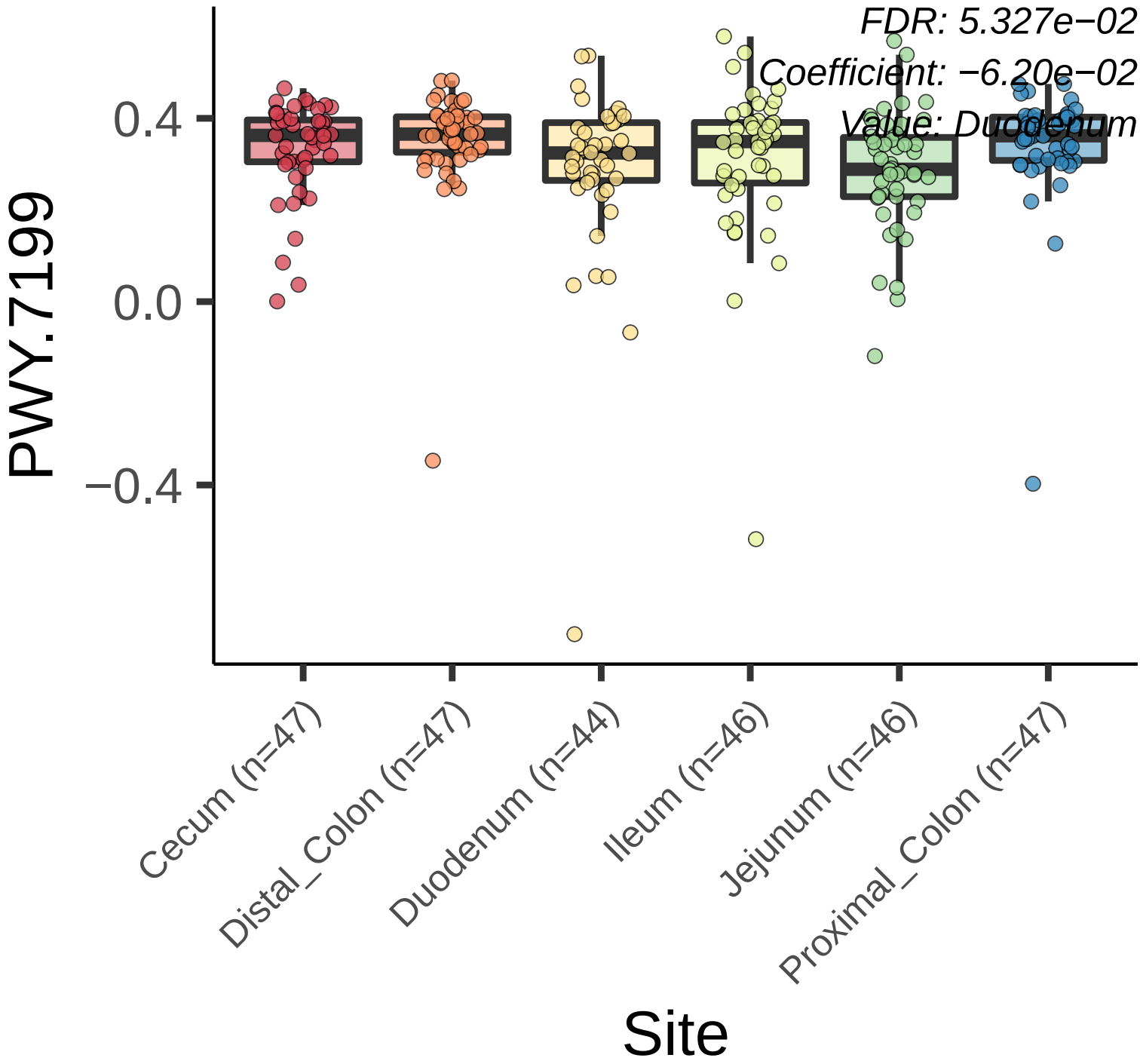
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.327e−02
Coefficient: −6.20e−02
Value: Duodenum
PWY.7199
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0.0
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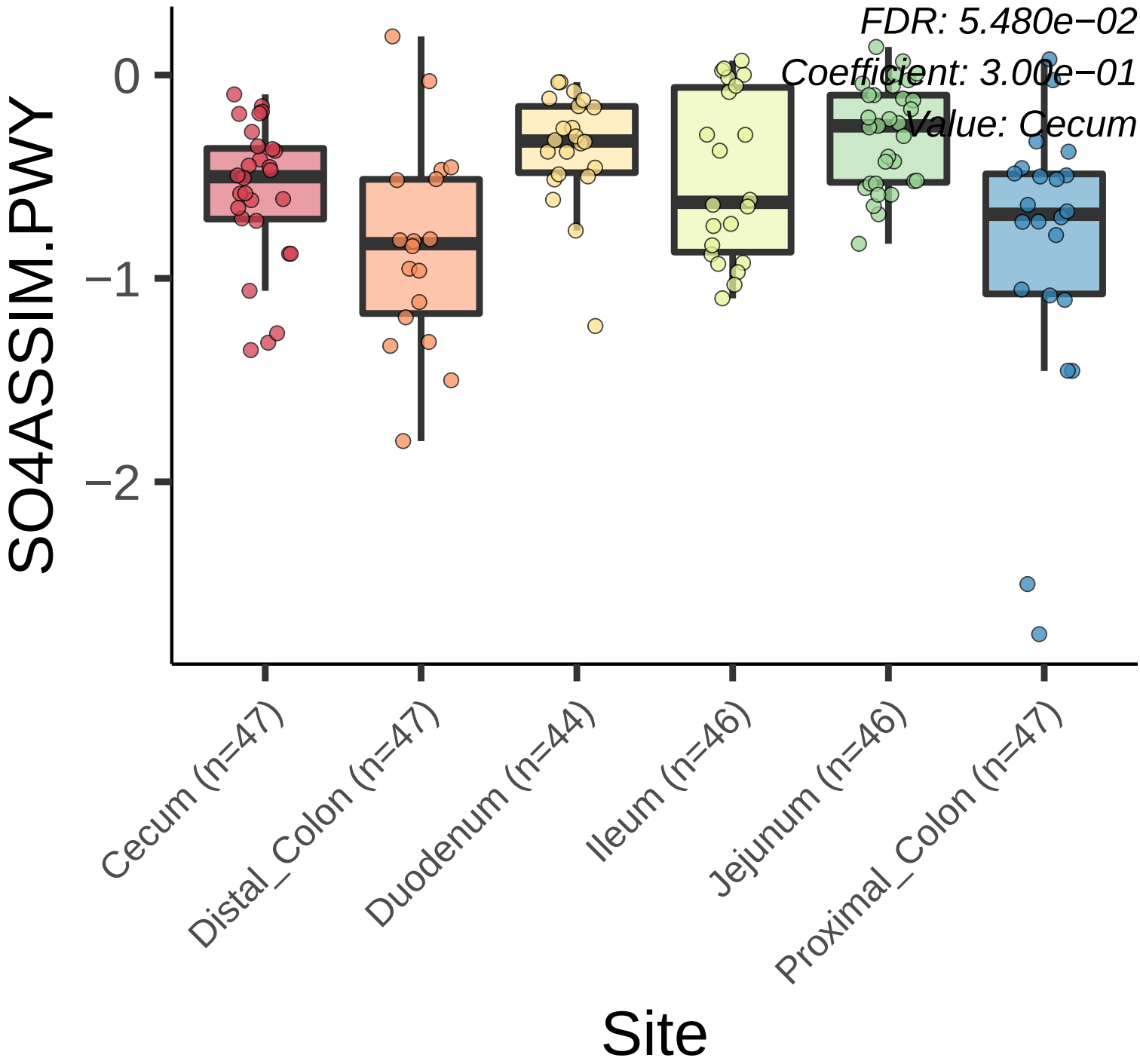
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.480e−02
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SO4ASSIM.PWY
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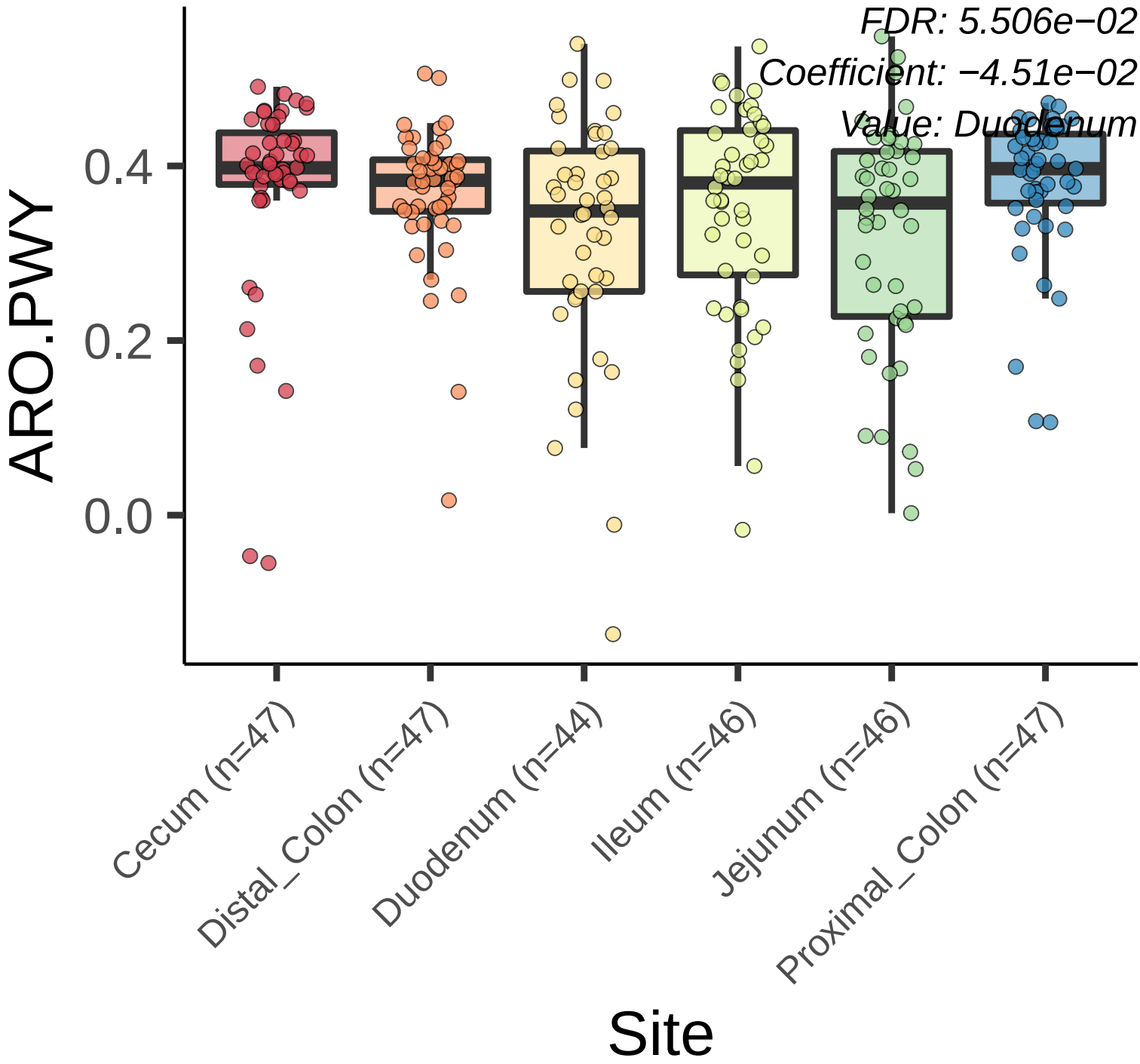
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.506e−02
Coefficient: −4.51e−02
Value: Duodenum
ARO.PWY
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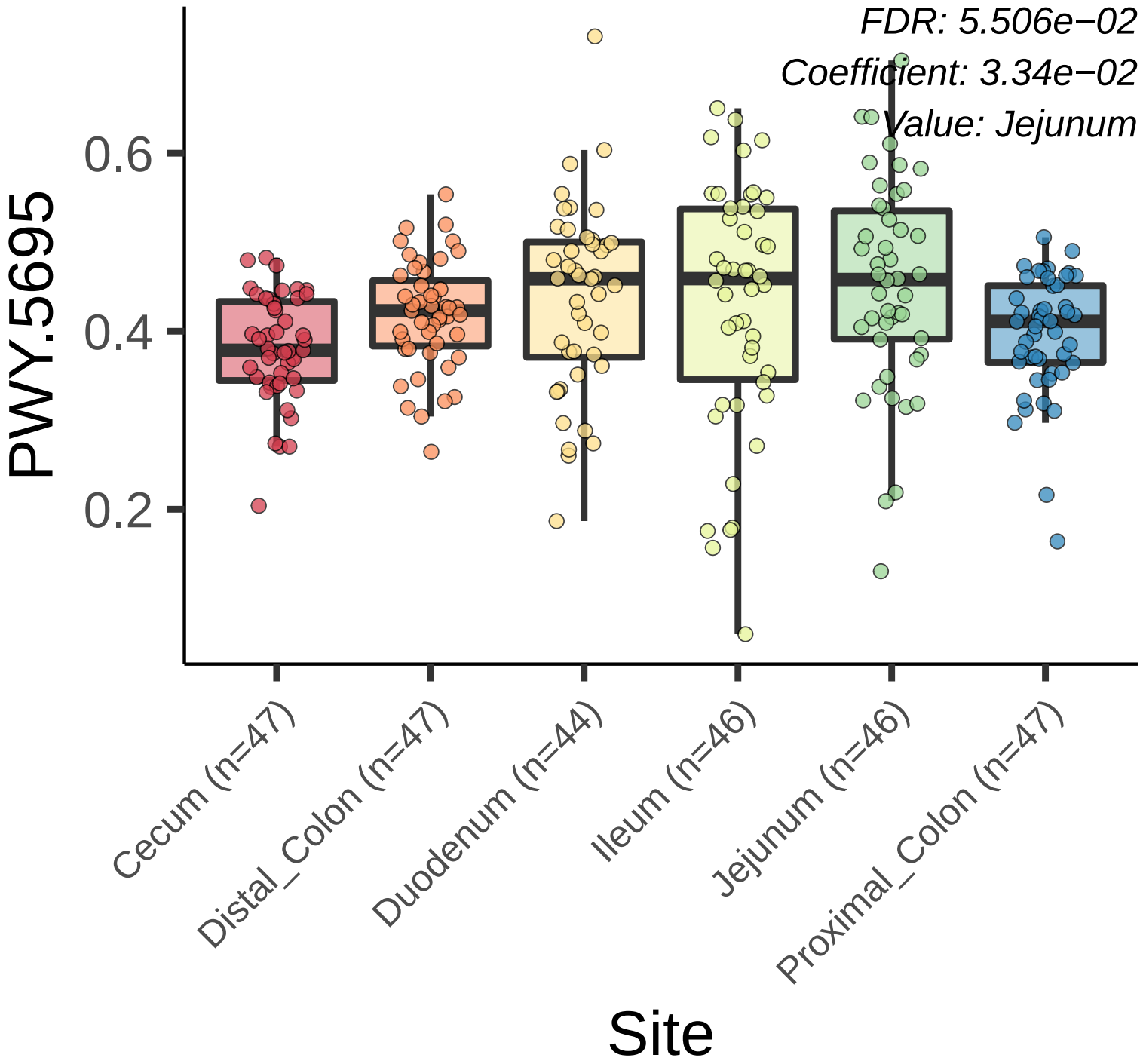
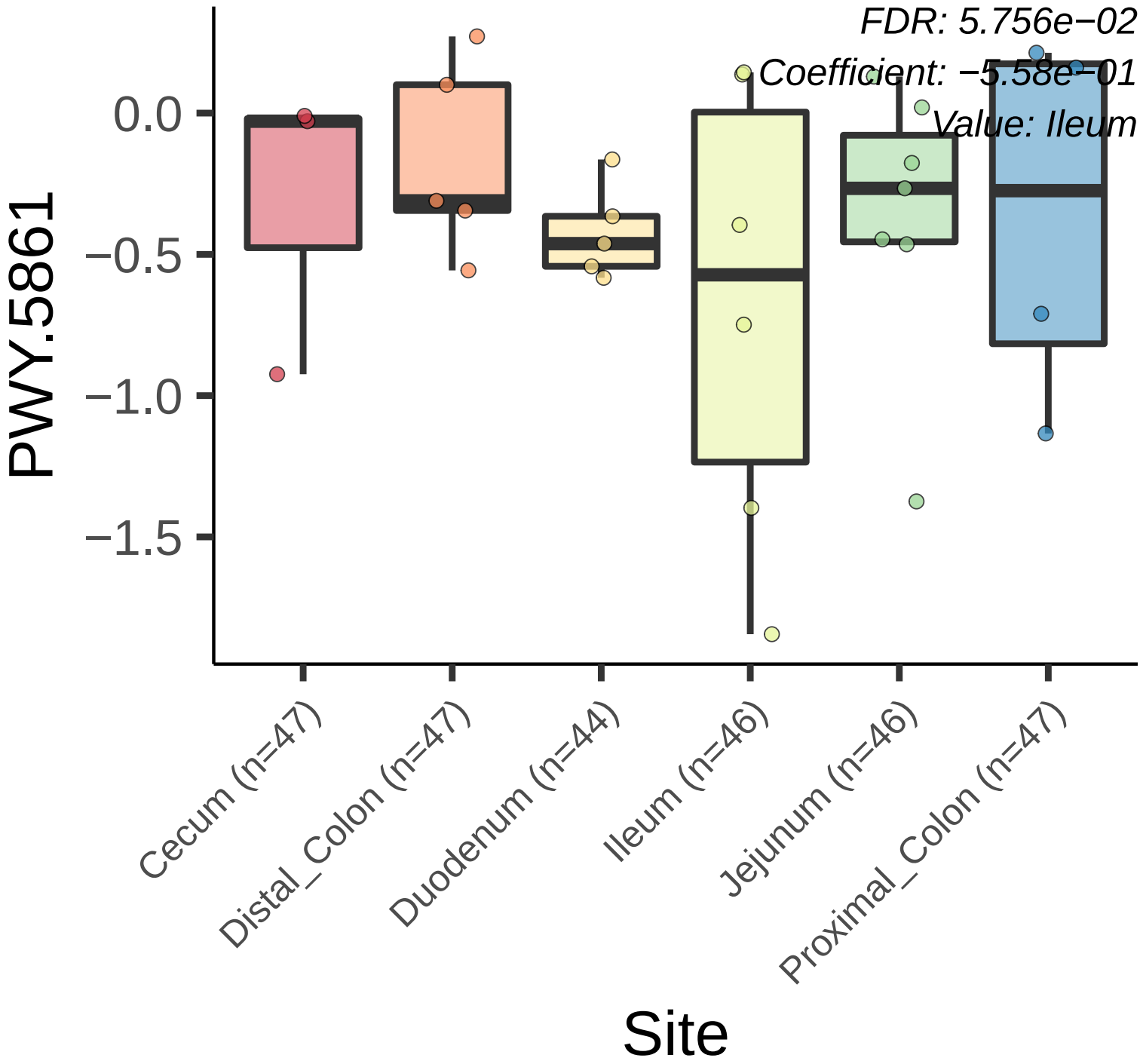
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.506e−02
Coefficient: 3.34e−02
Value: Jejunum
PWY.5695
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.756e−02
Coefficient: −5.58e−01
Value: Ileum
PWY.5861
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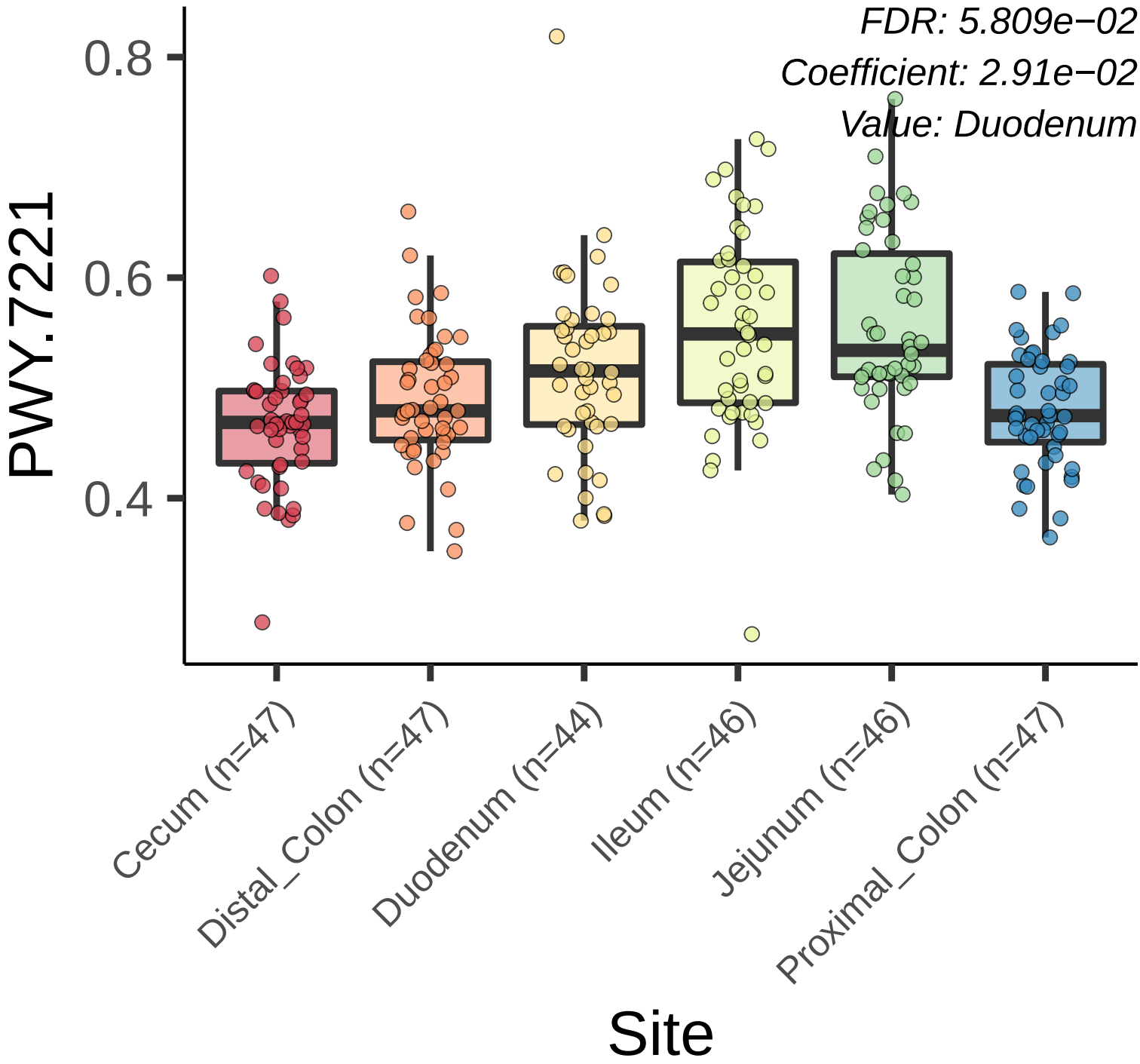
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.809e−02
Coefficient: 2.91e−02
Value: Duodenum
PWY.7221
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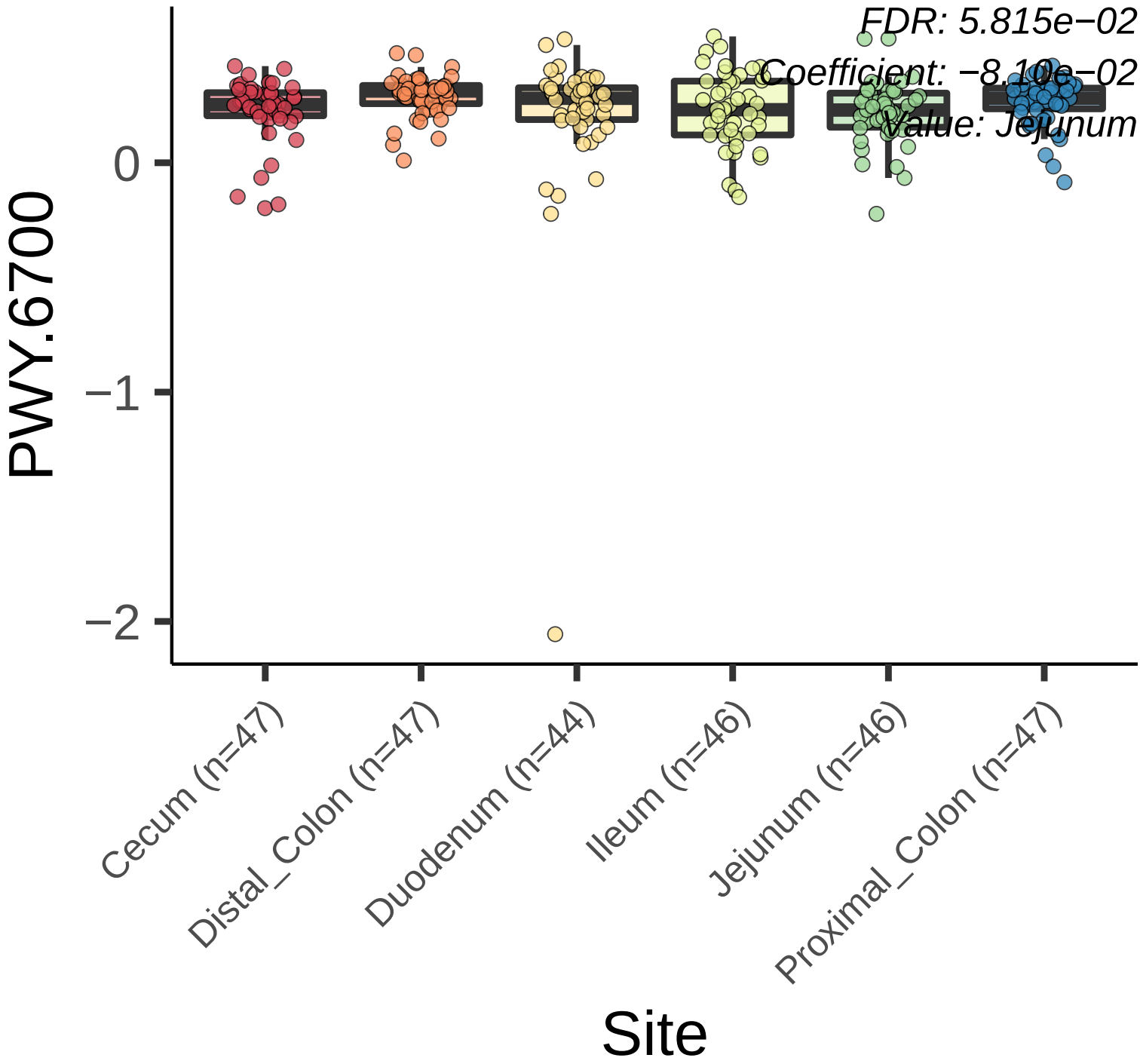
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.815e−02
Coefficient: −8.10e−02
Value: Jejunum
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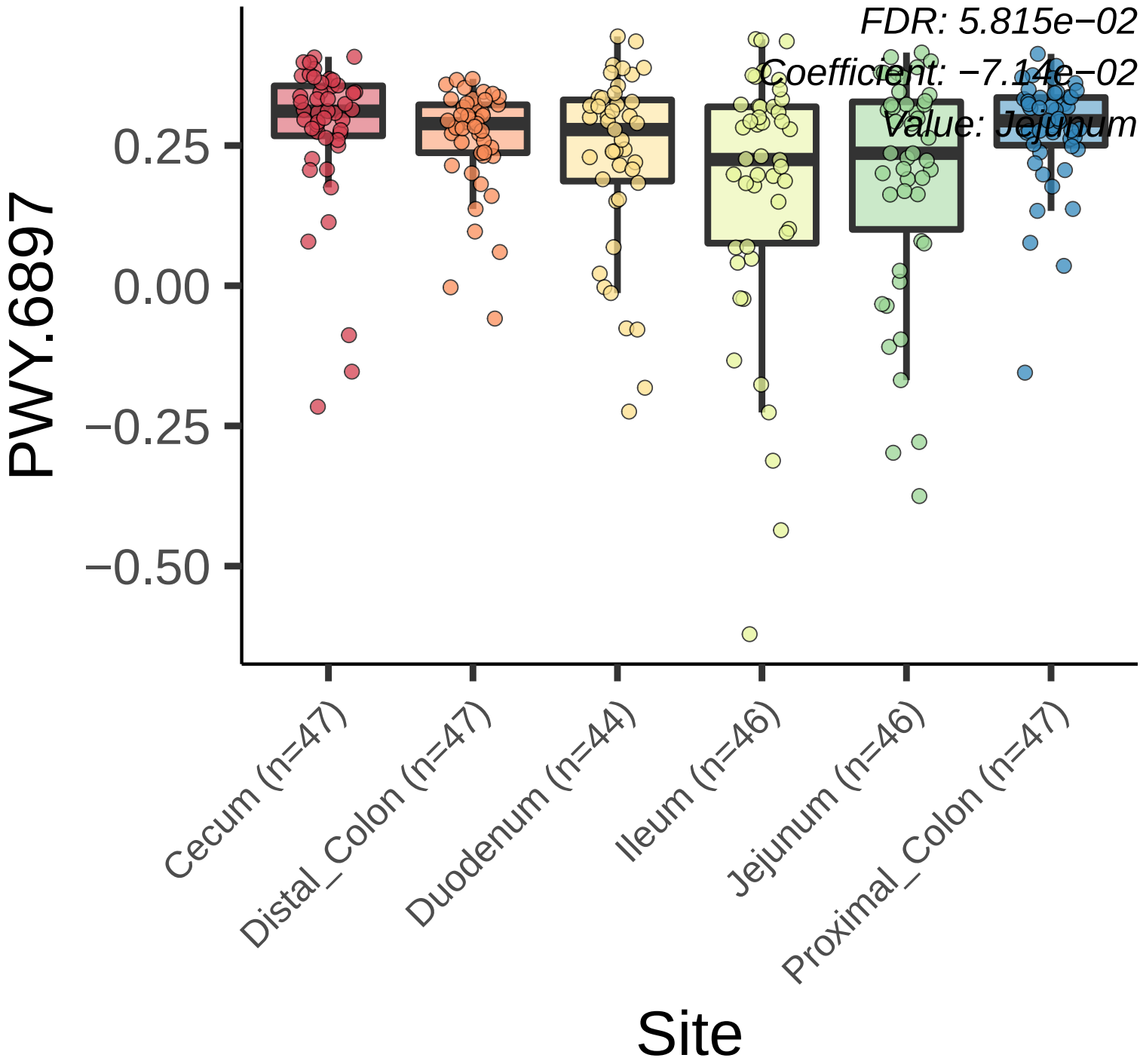
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −7.14e−02
Value: Jejunum
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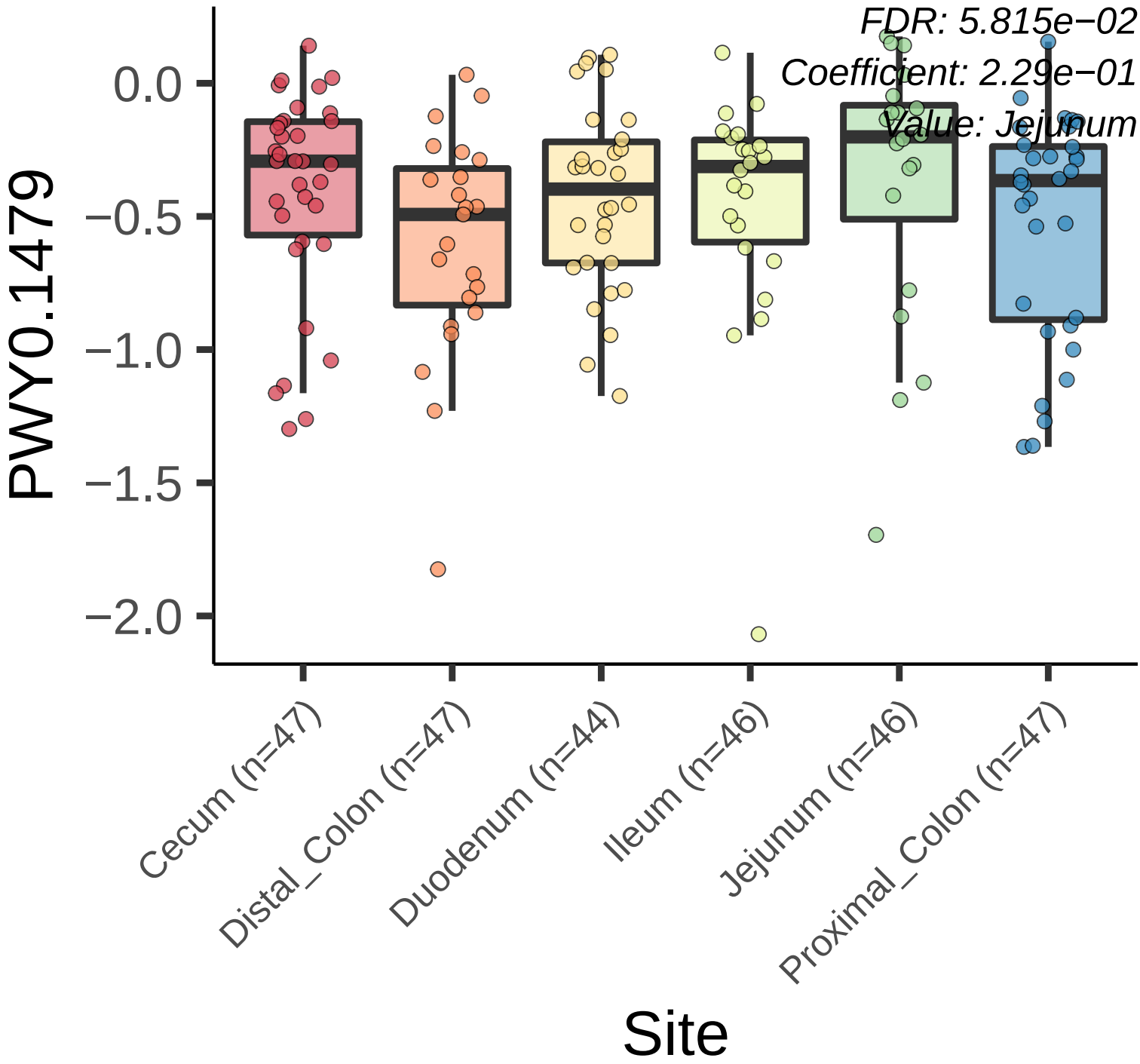
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.29e−01
Value: Jejunum
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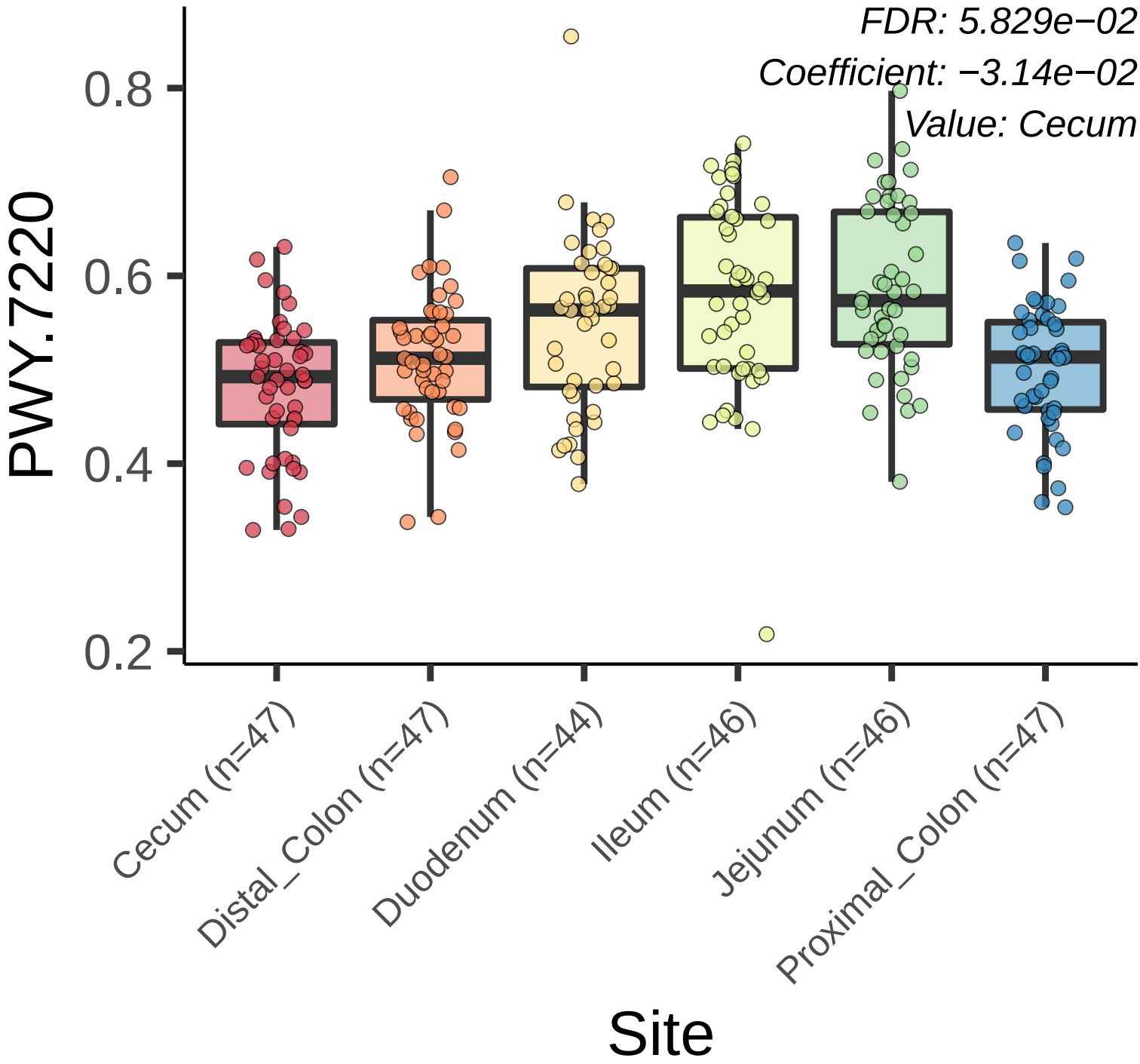
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.829e−02
Coefficient: −3.14e−02
Value: Cecum
PWY.7220
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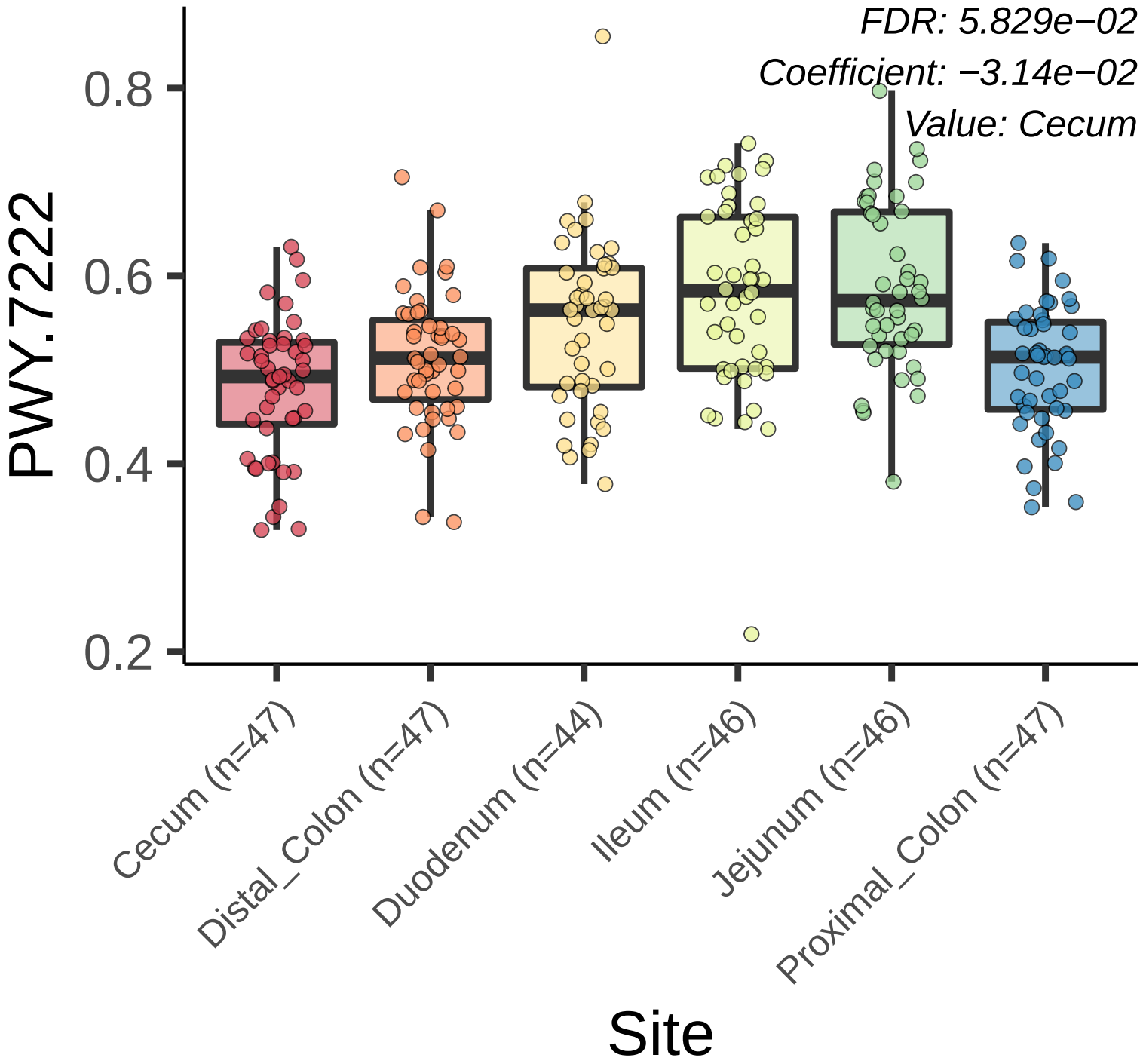
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.829e−02
Coefficient: −3.14e−02
Value: Cecum
PWY.7222
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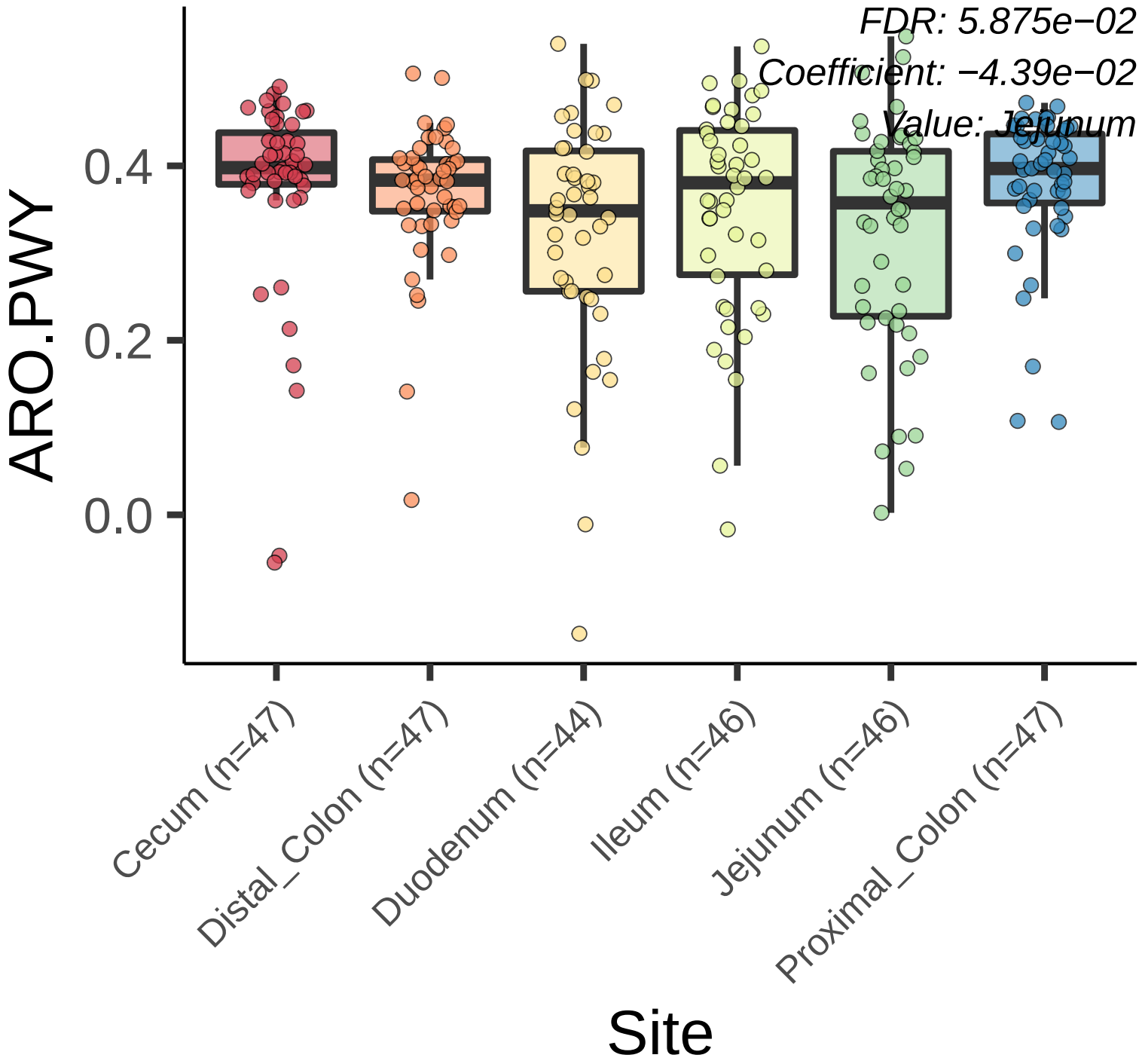
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.875e−02
Coefficient: −4.39e−02
Value: Jejunum
ARO.PWY
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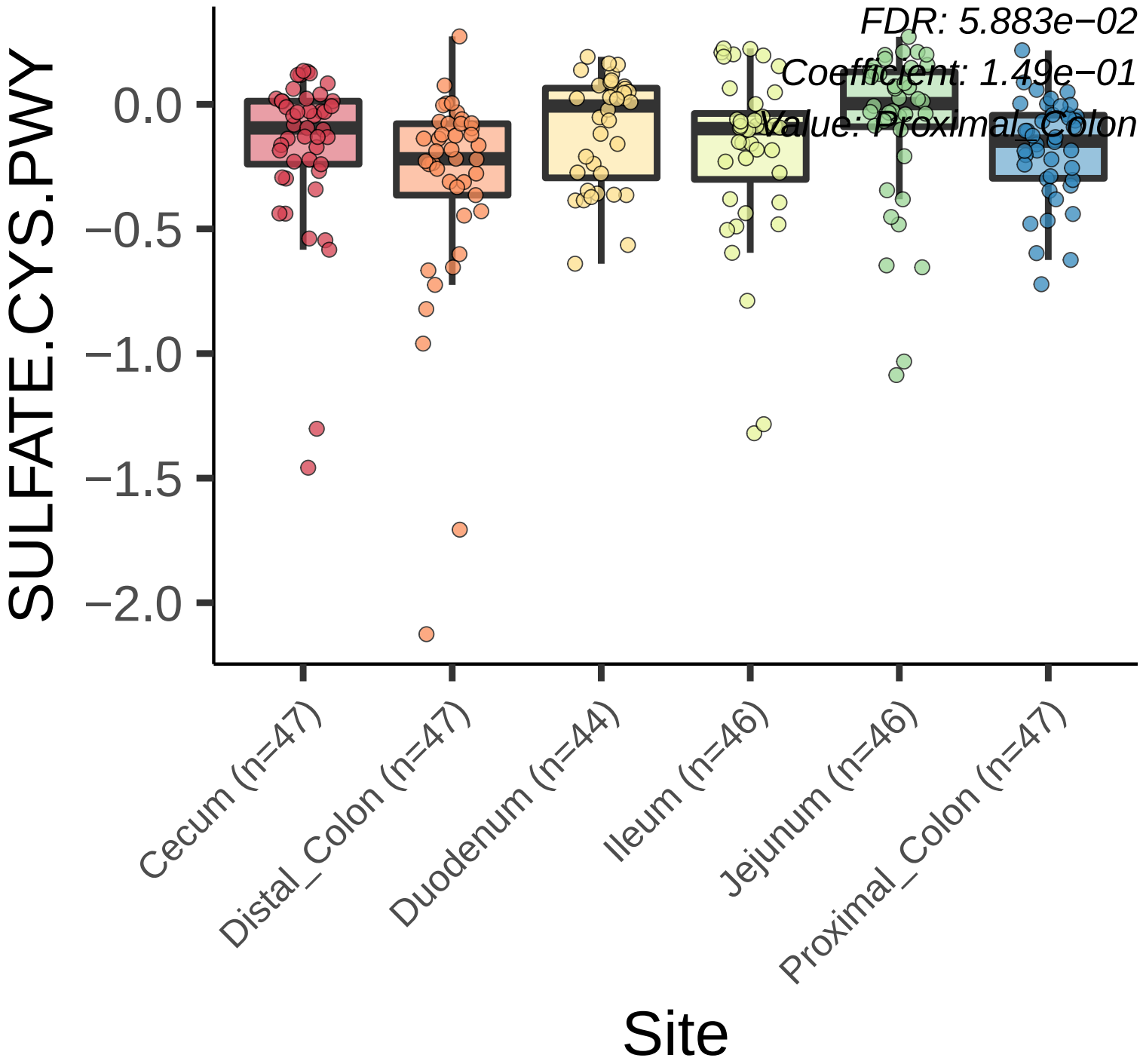
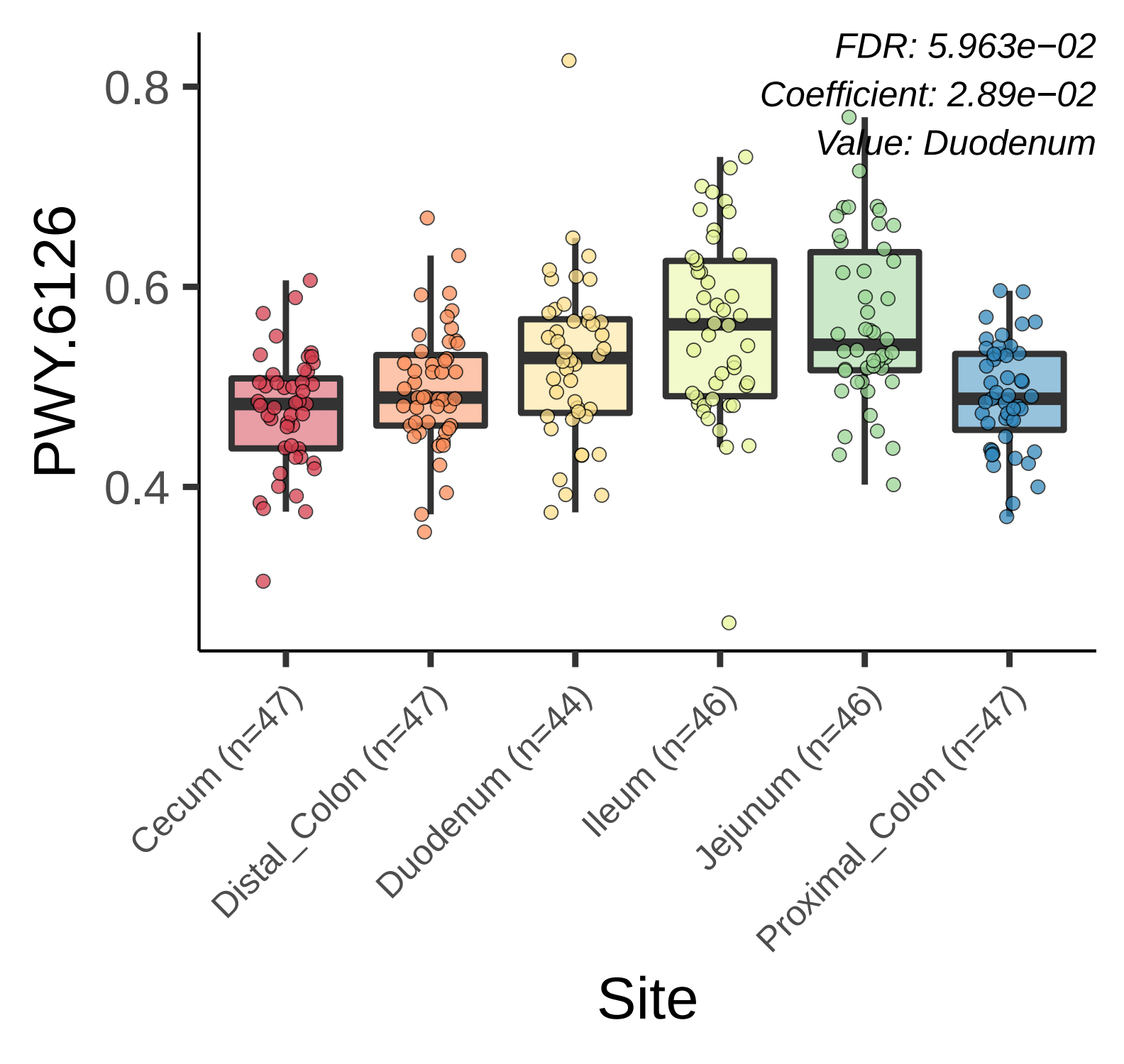
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.883e−02
Coefficient: 1.49e−01
value: Proximal_Colon
SULFATE.CYS.PWY
0.0
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.963e−02
Coefficient: 2.89e−02
Value: Duodenum
PWY.6126
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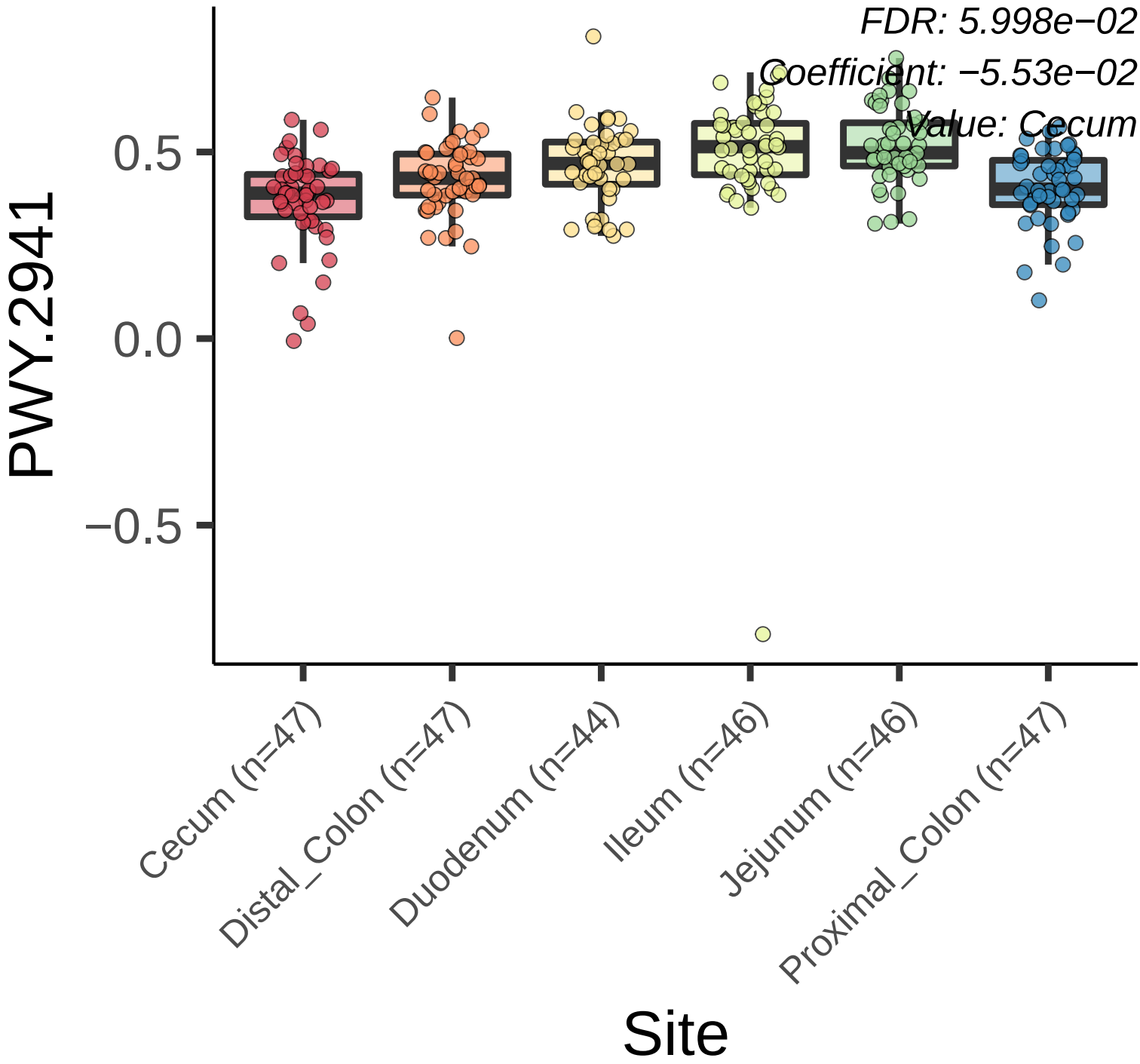
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.998e−02
Coefficient: −5.53e−02
Value: Cecum
PWY.2941
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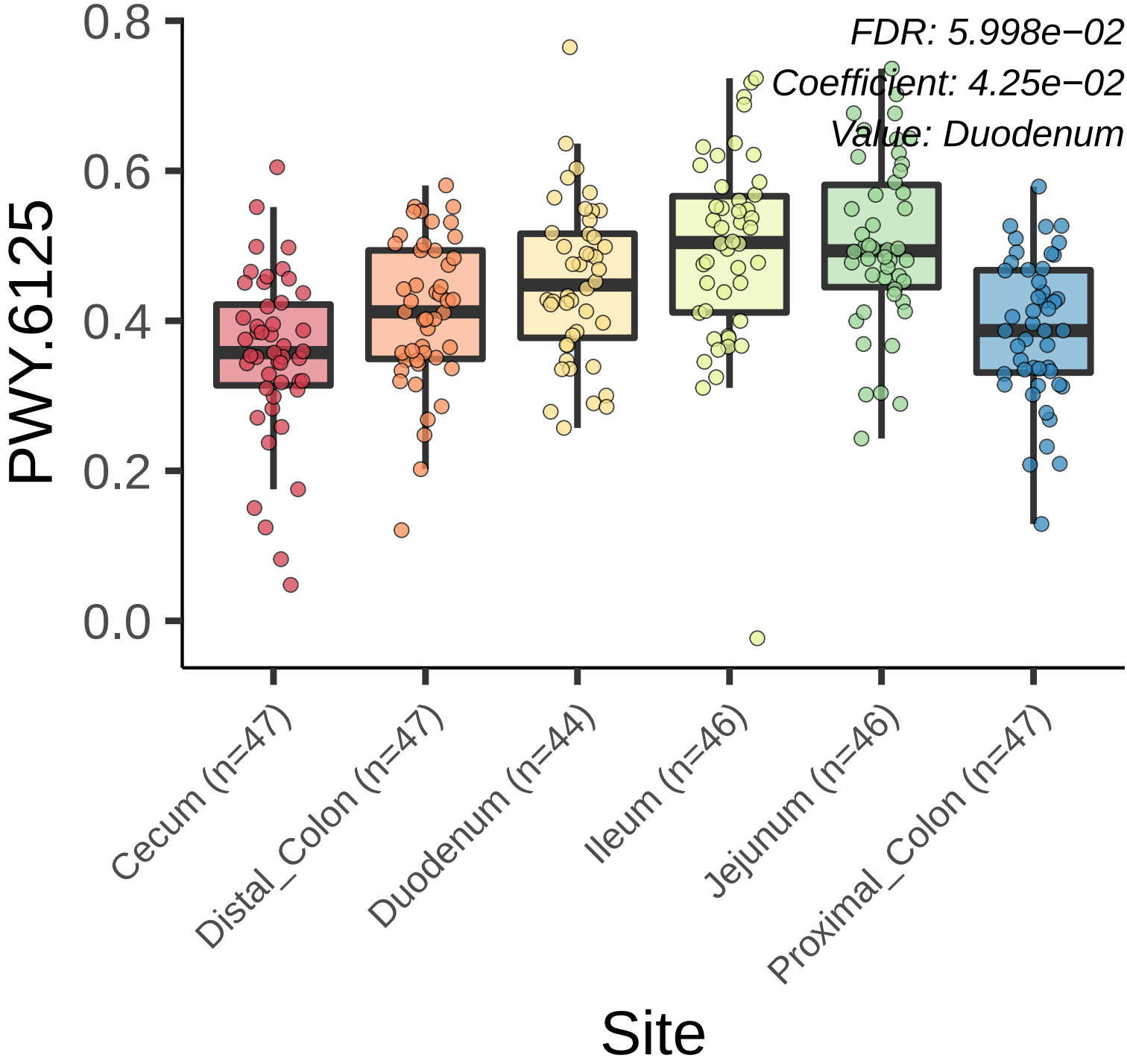
0.0
−0.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 5.998e−02
Coefficient: 4.25e−02
Value: Duodenum
PWY.6125
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0.6
0.4
0.2
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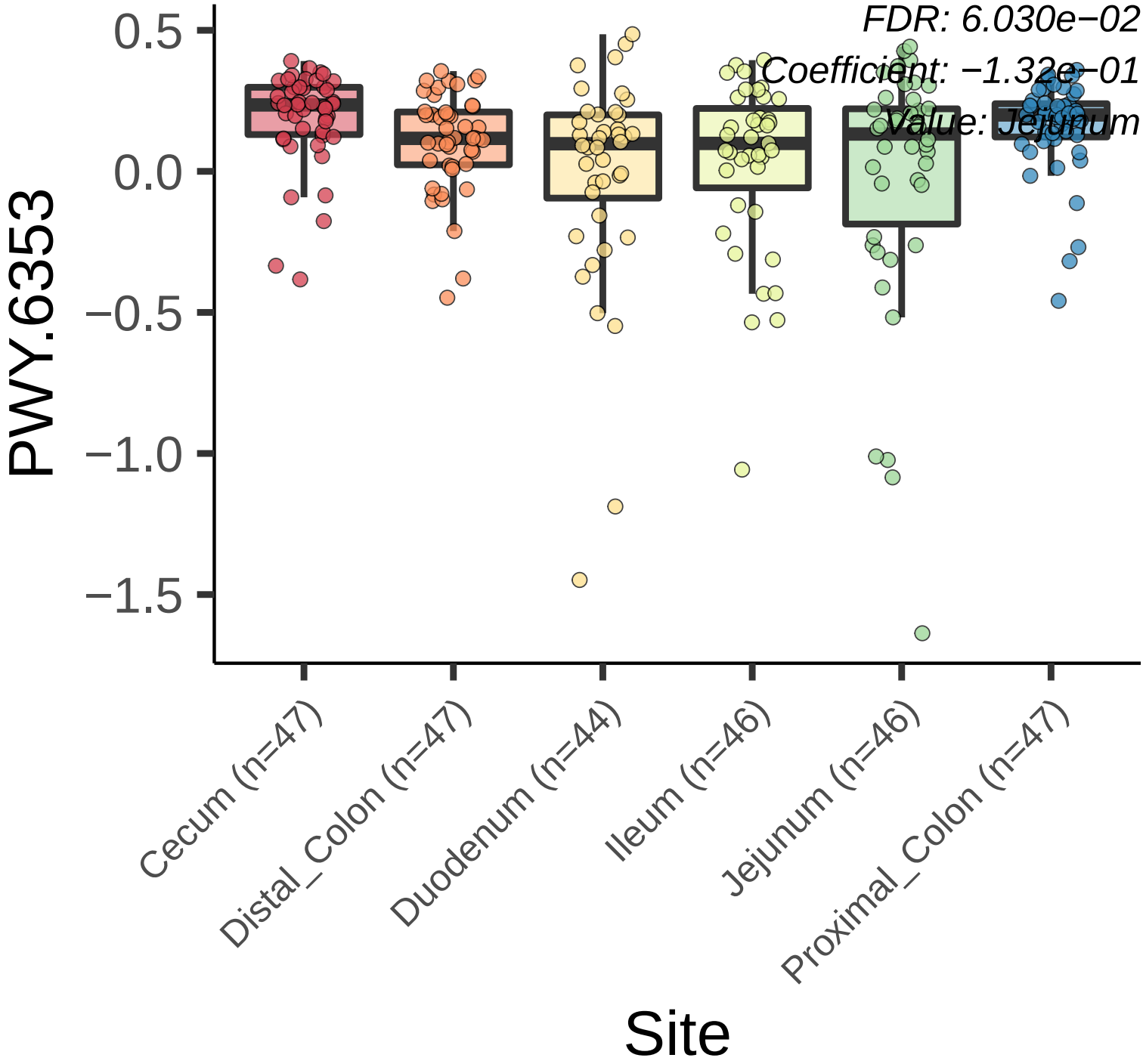
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.030e−02
Coefficient: −1.32e−01
Value: Jejunum
PWY.6353
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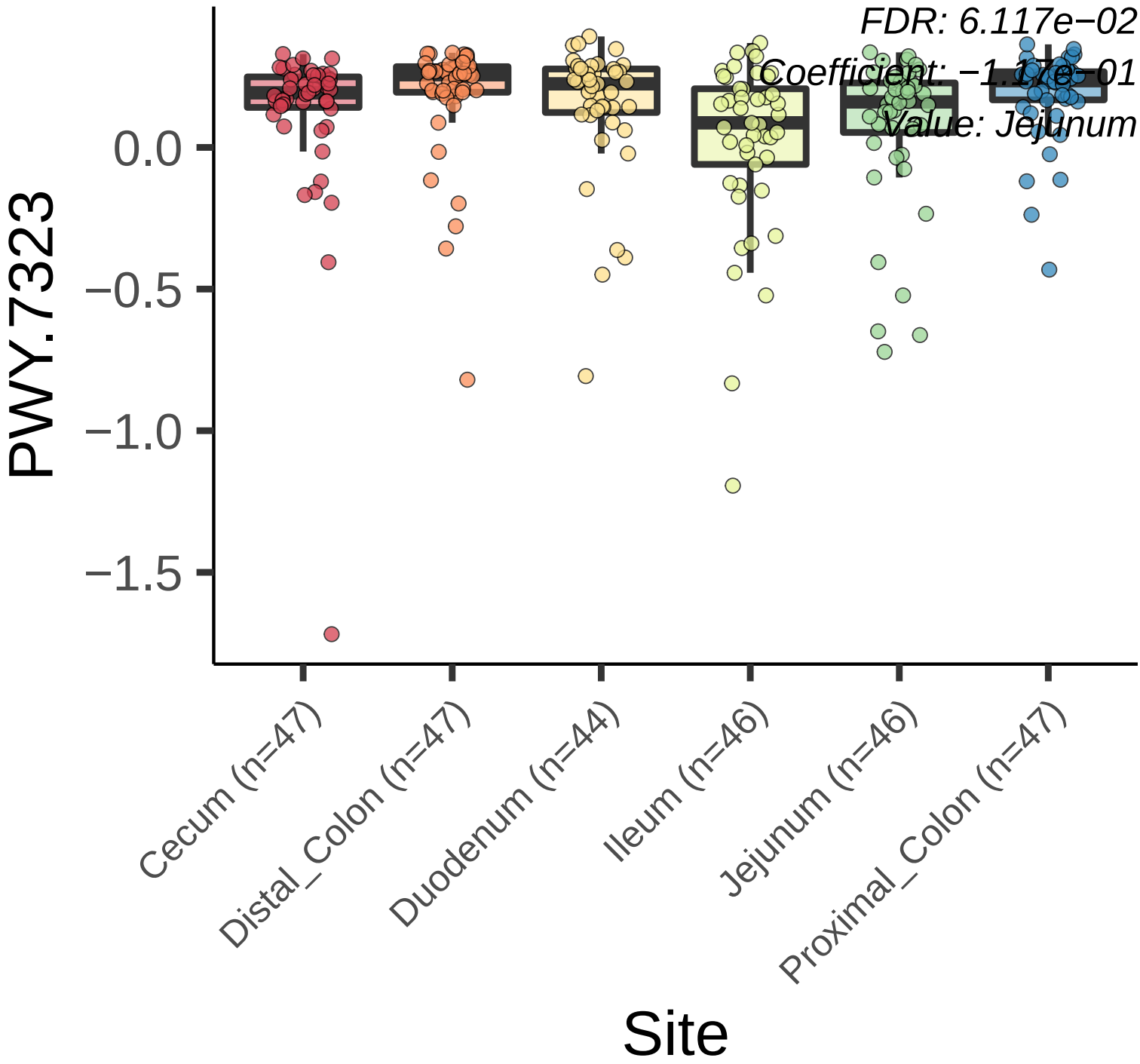
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.117e−02
Coefficient: −1.176e−01
Value: Jejunum
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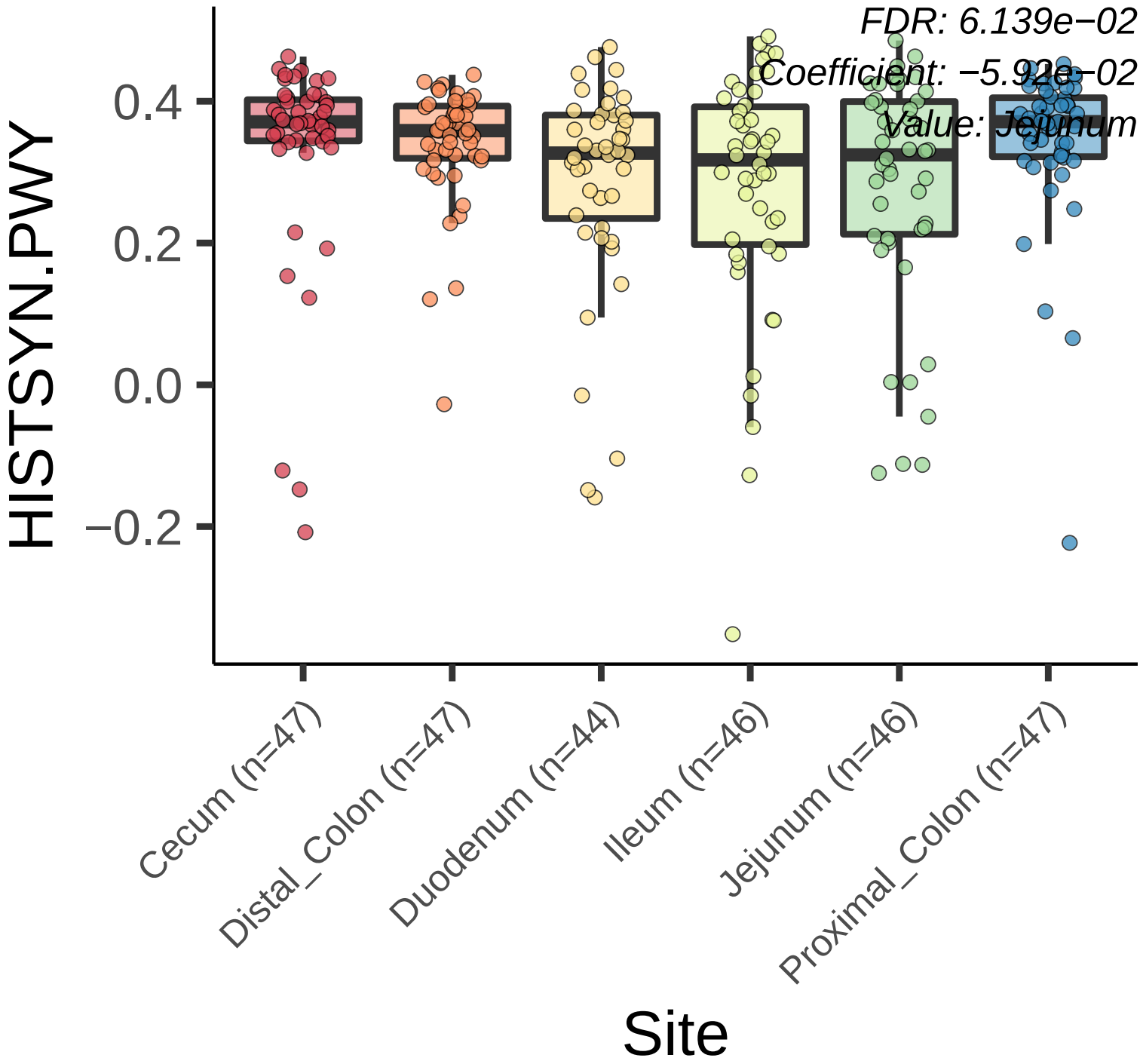
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −5.92e−02
Value: Jejunum
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0.0
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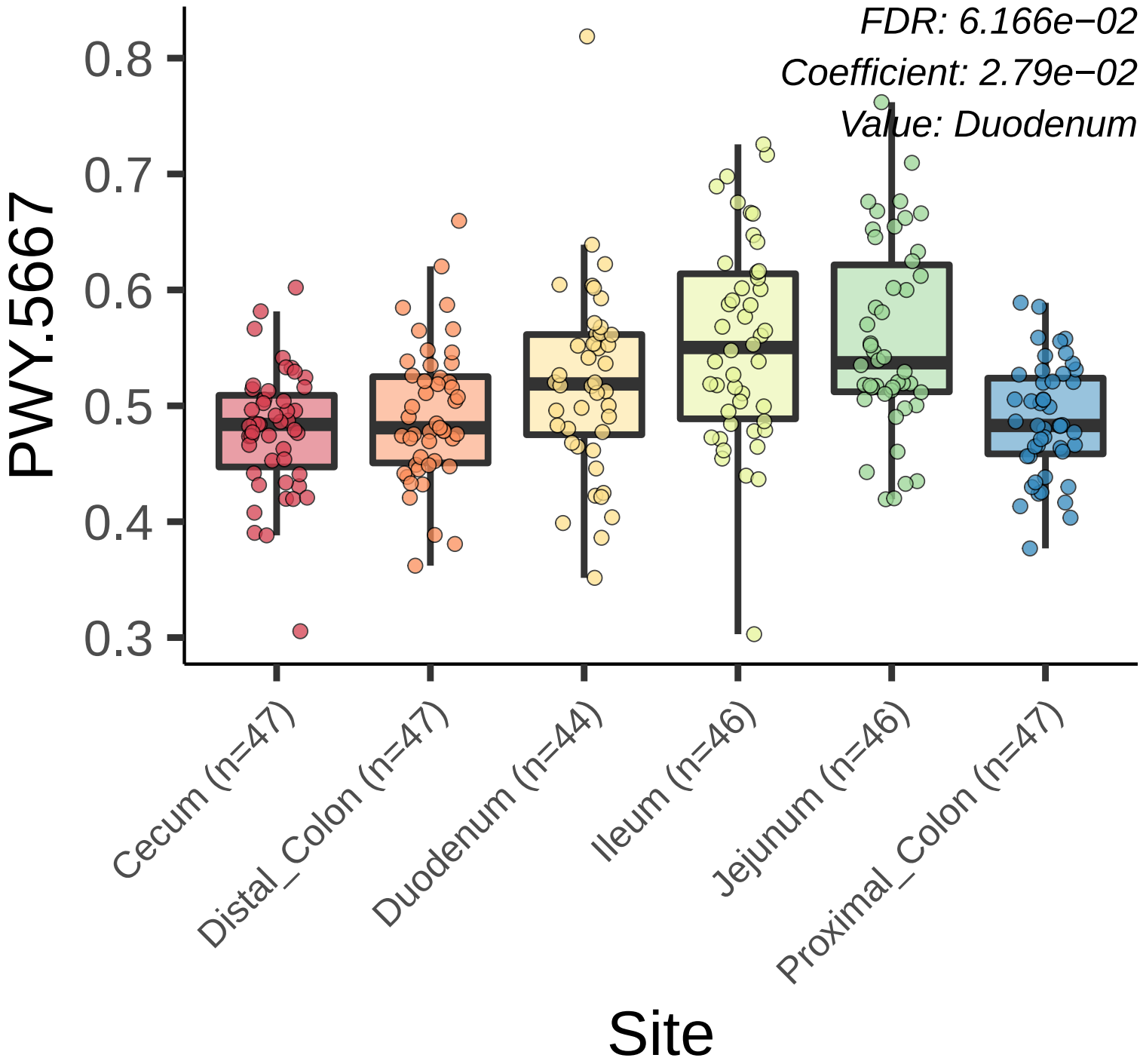
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.79e−02
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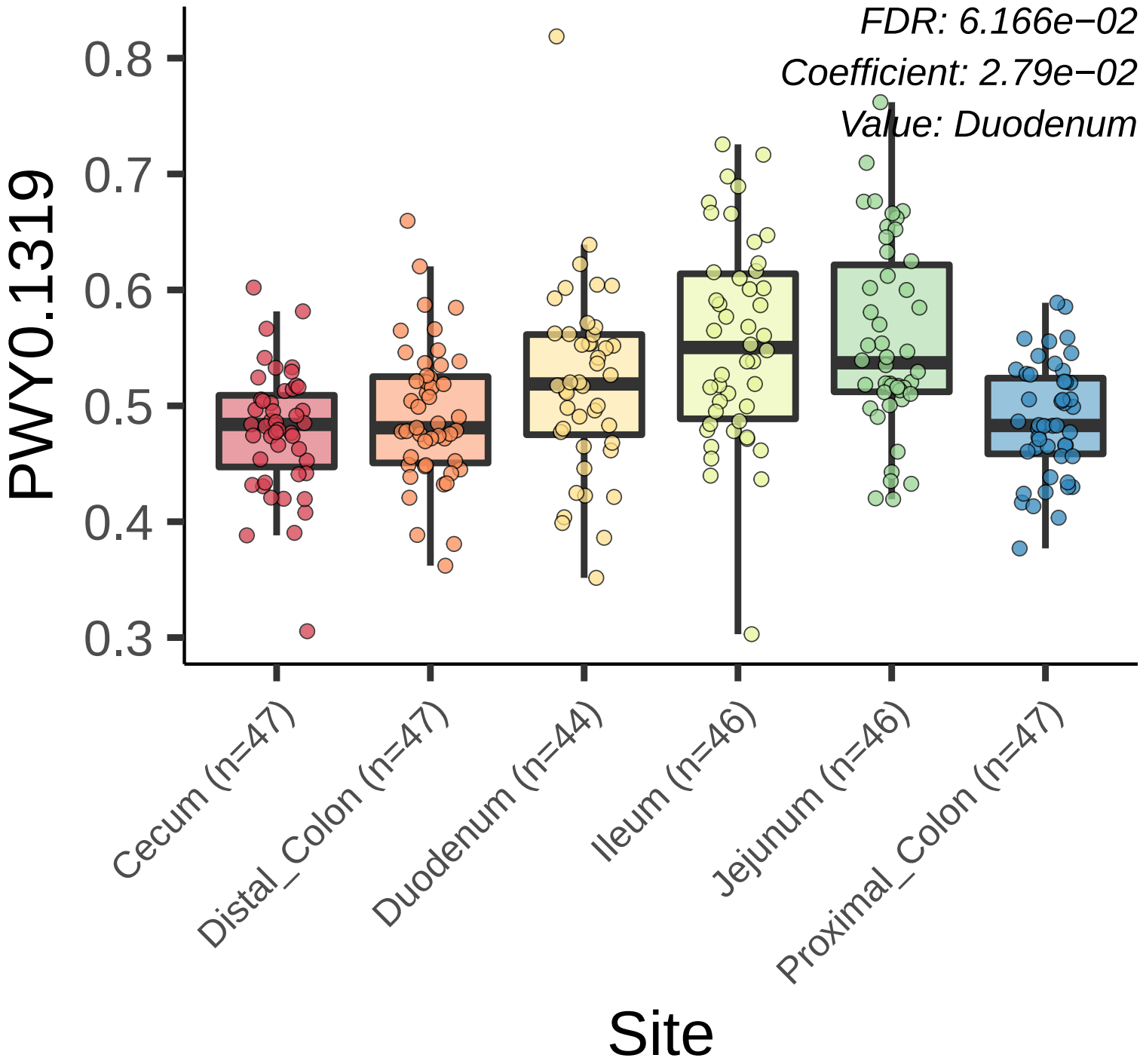
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.79e−02
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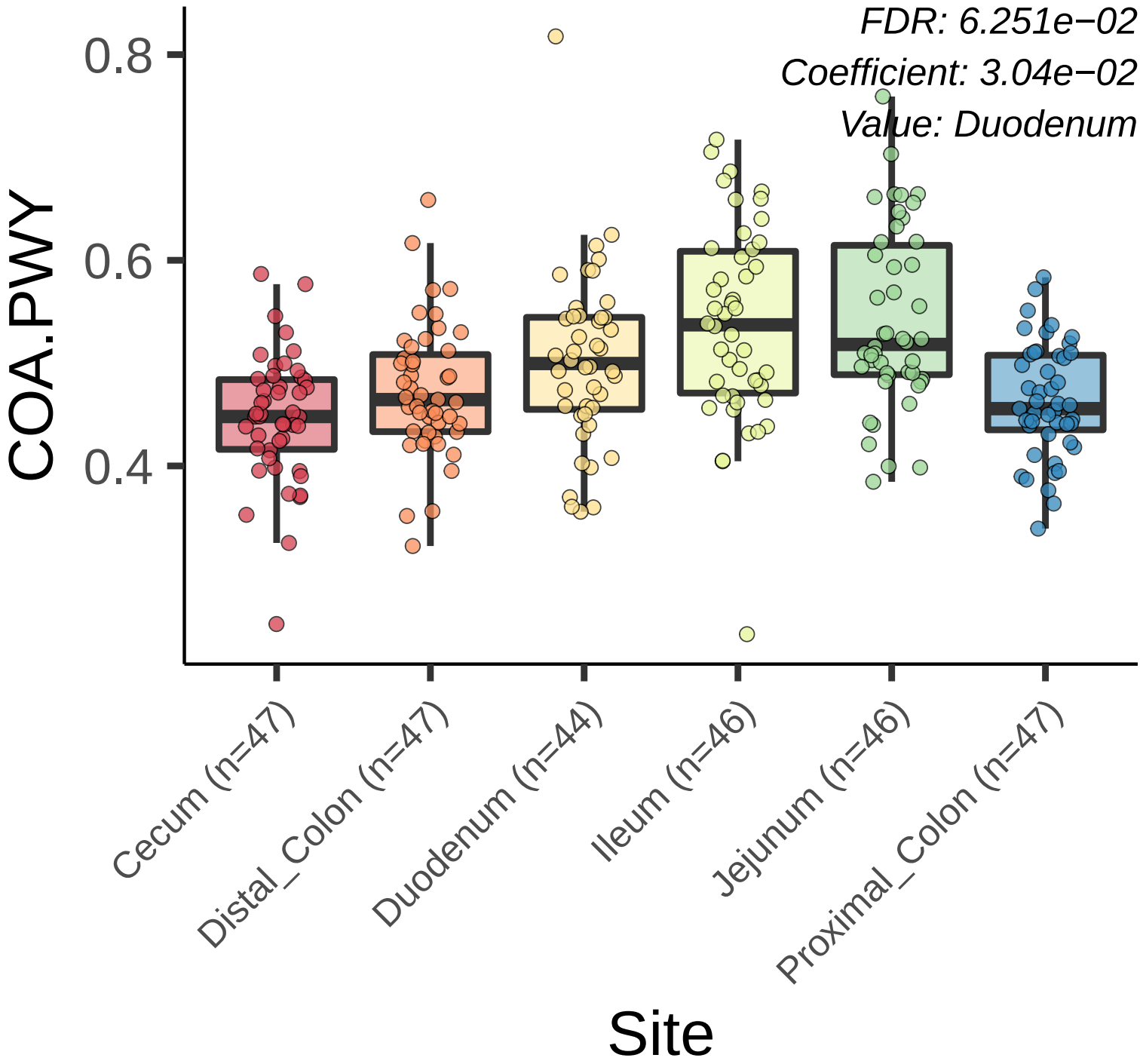
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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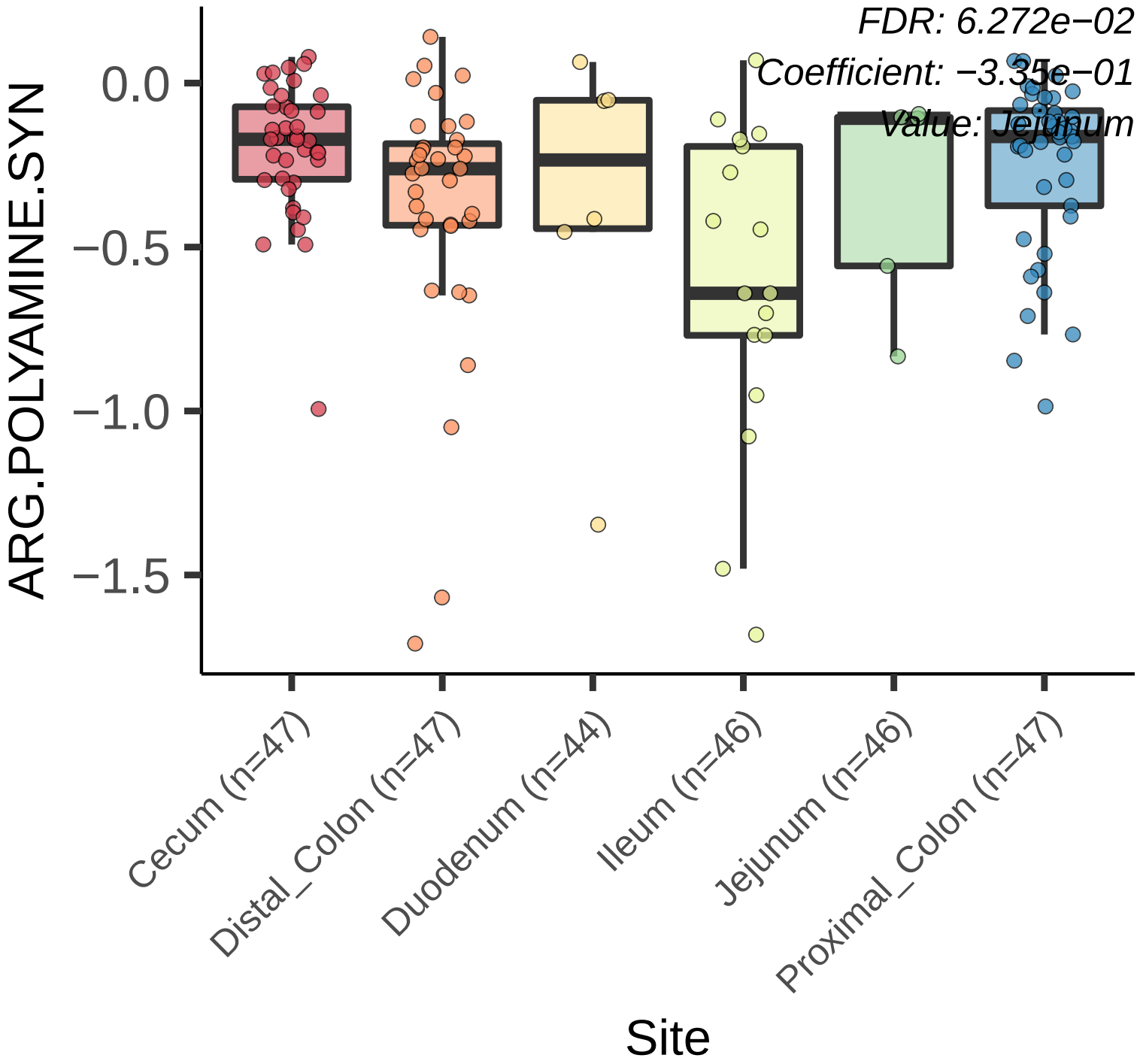
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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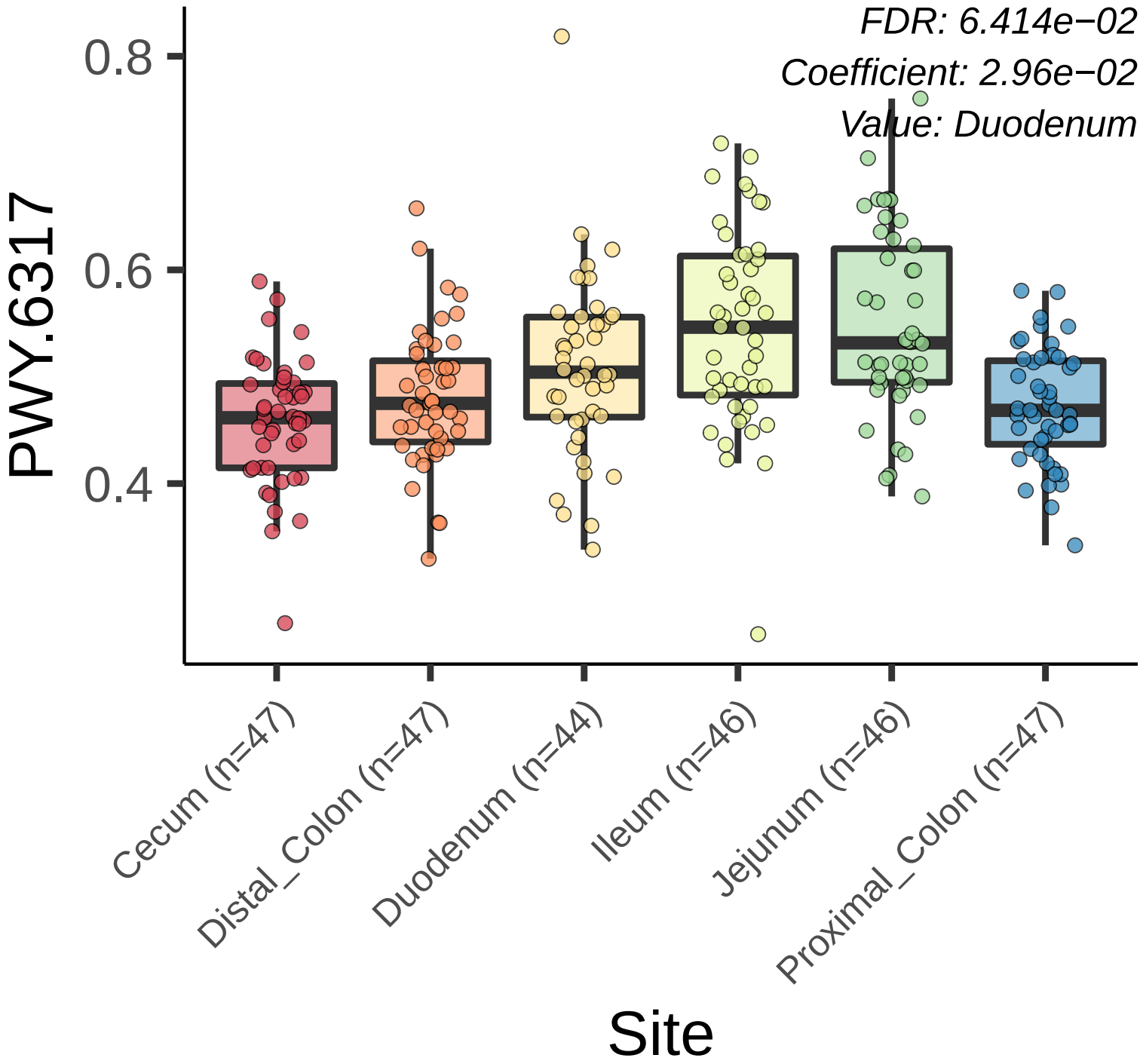
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
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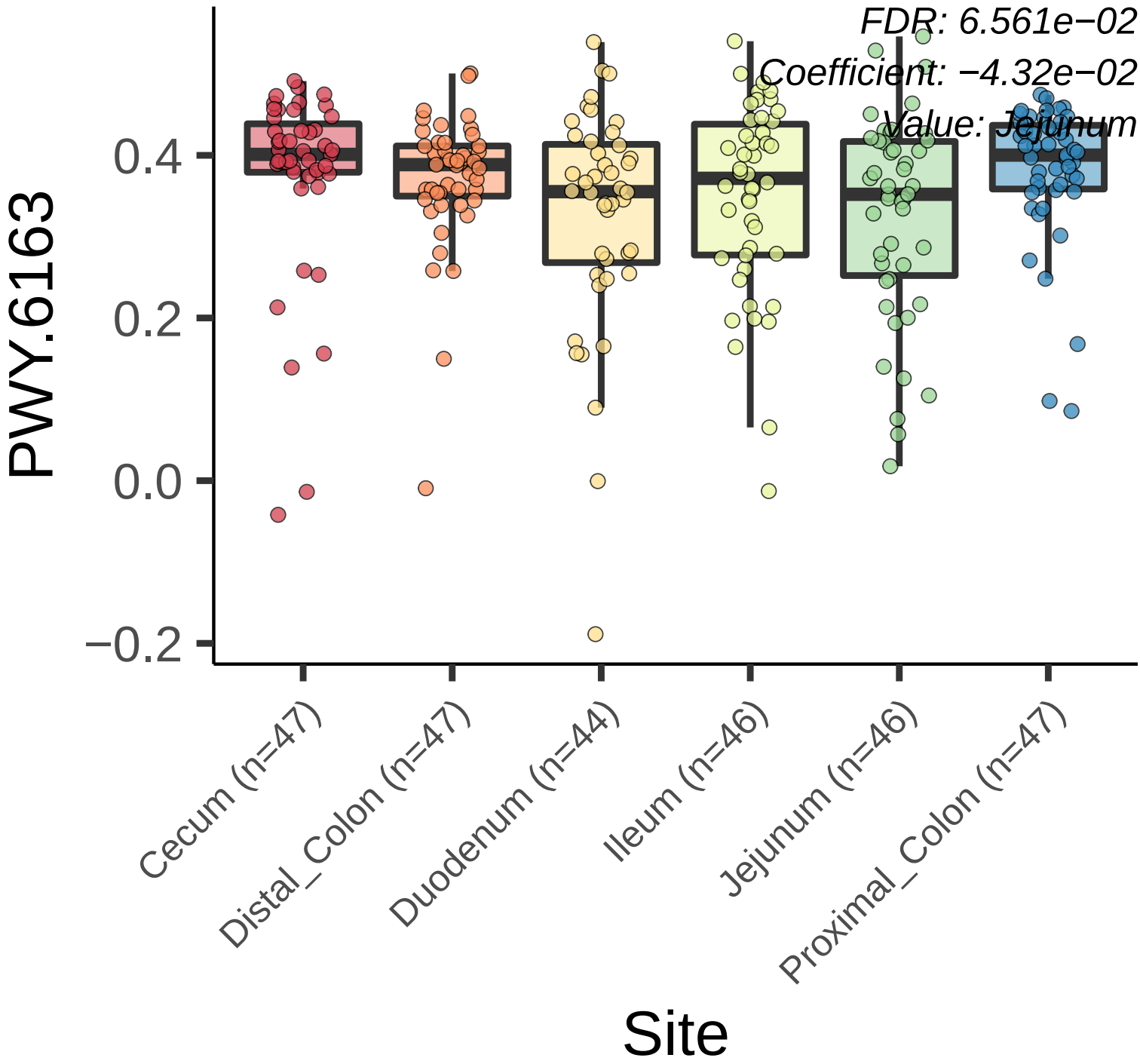
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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PWY.6163
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0.2
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Cecum (n=47)
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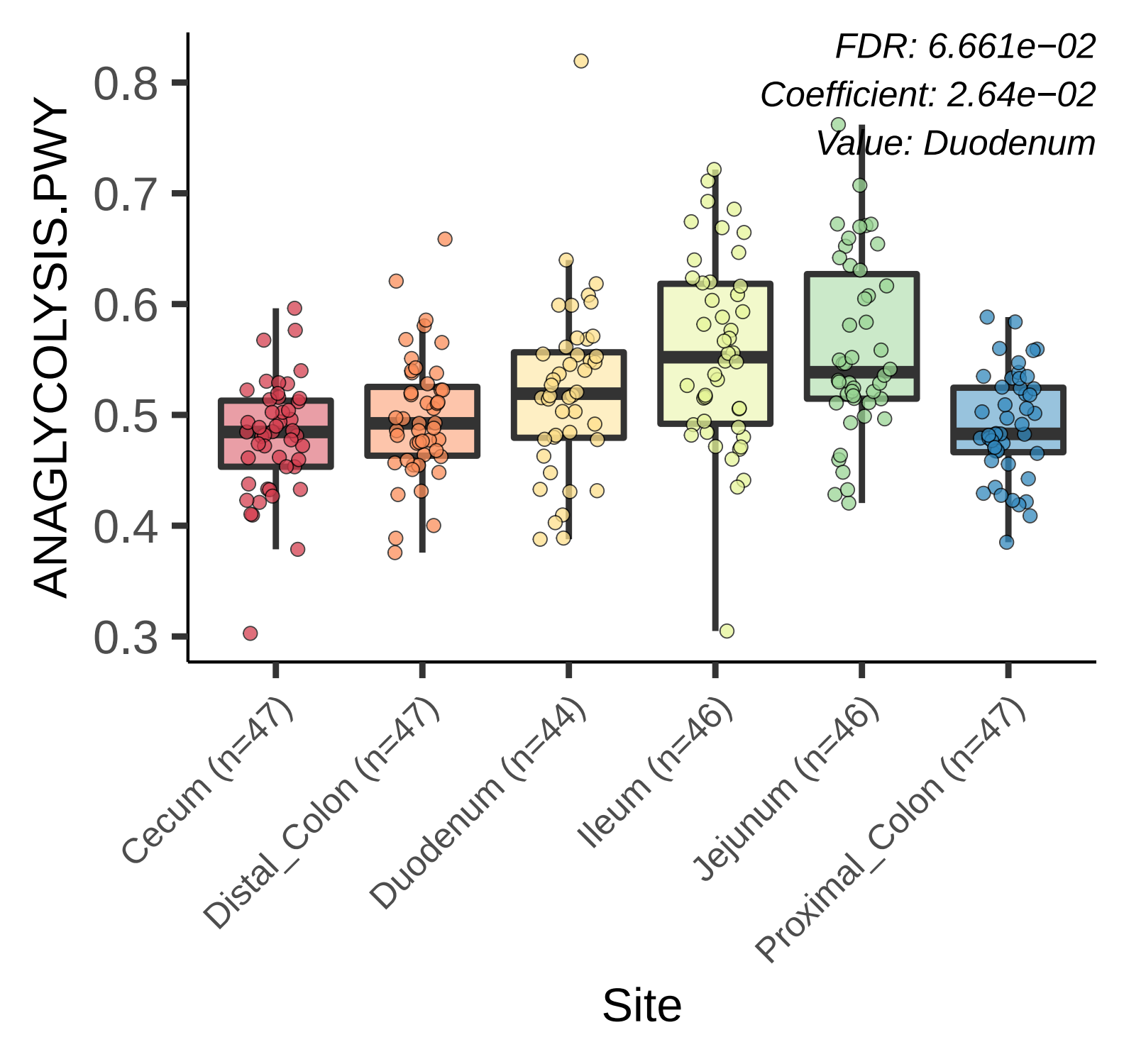
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.661e−02
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ANAGLYCOLYSIS.PWY
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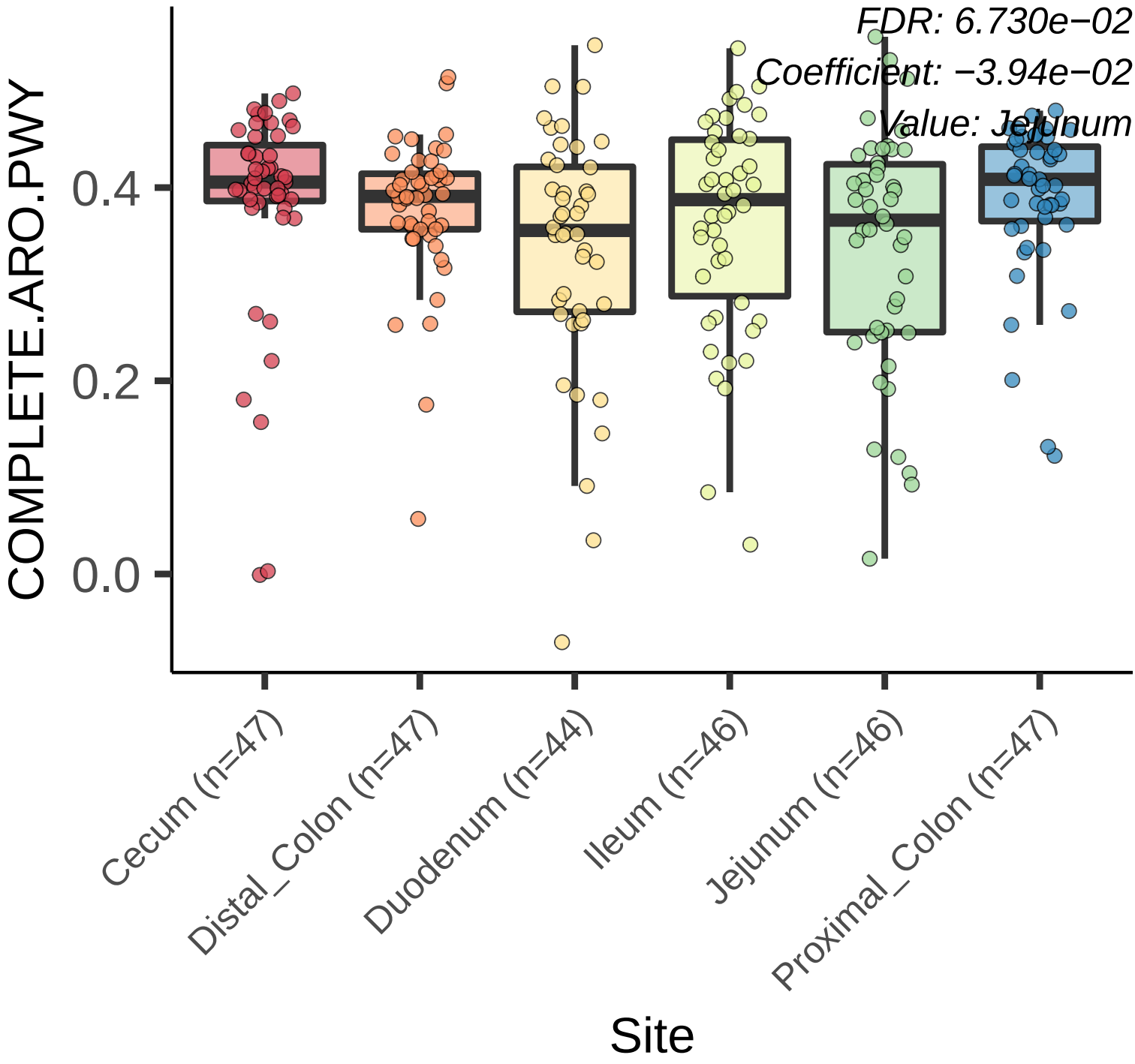
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.730e−02
Coefficient: −3.94e−02
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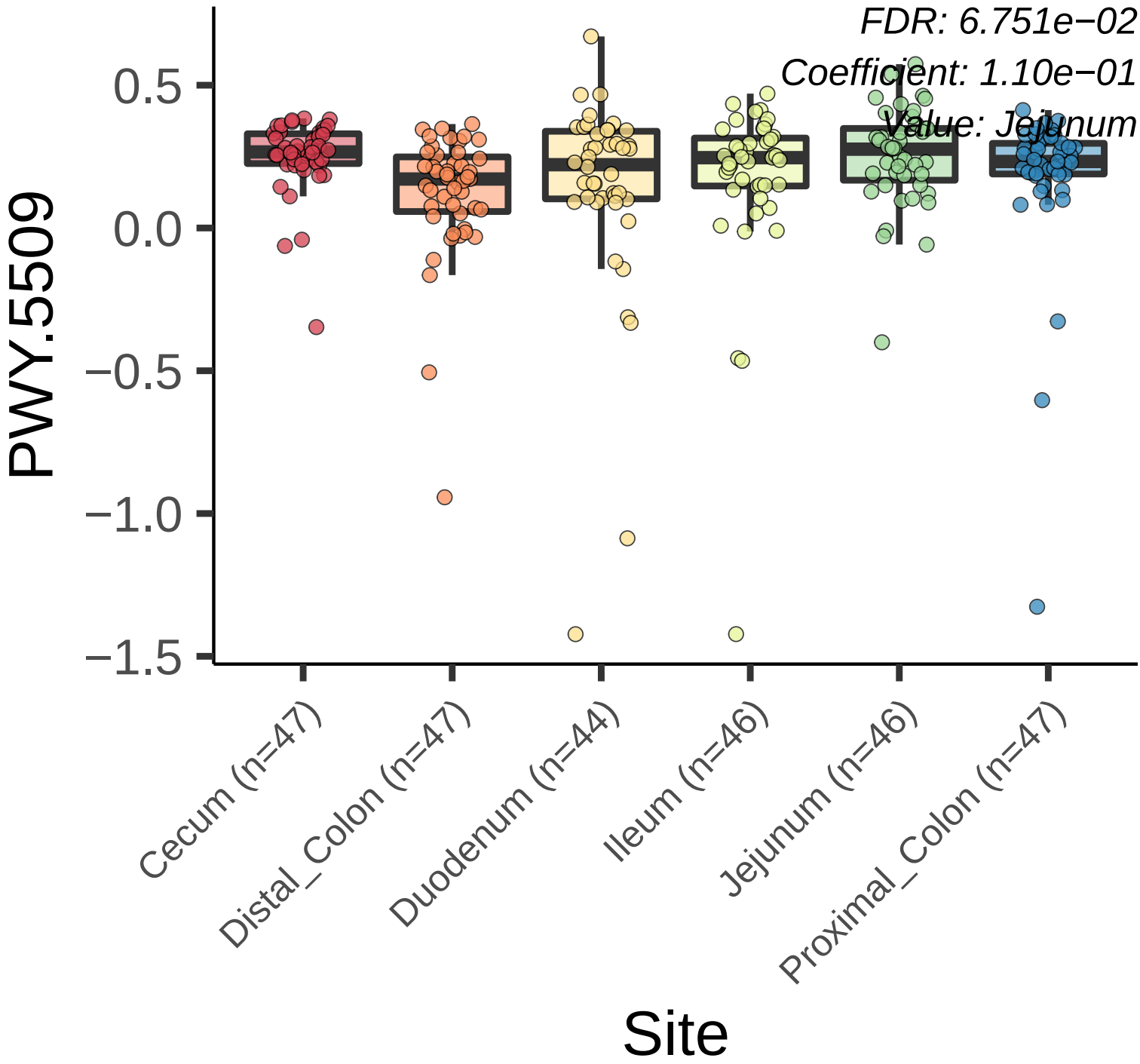
COMPLETE.ARO.PWY
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.751e−02
Coefficient: 1.10e−01
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PWY.5509
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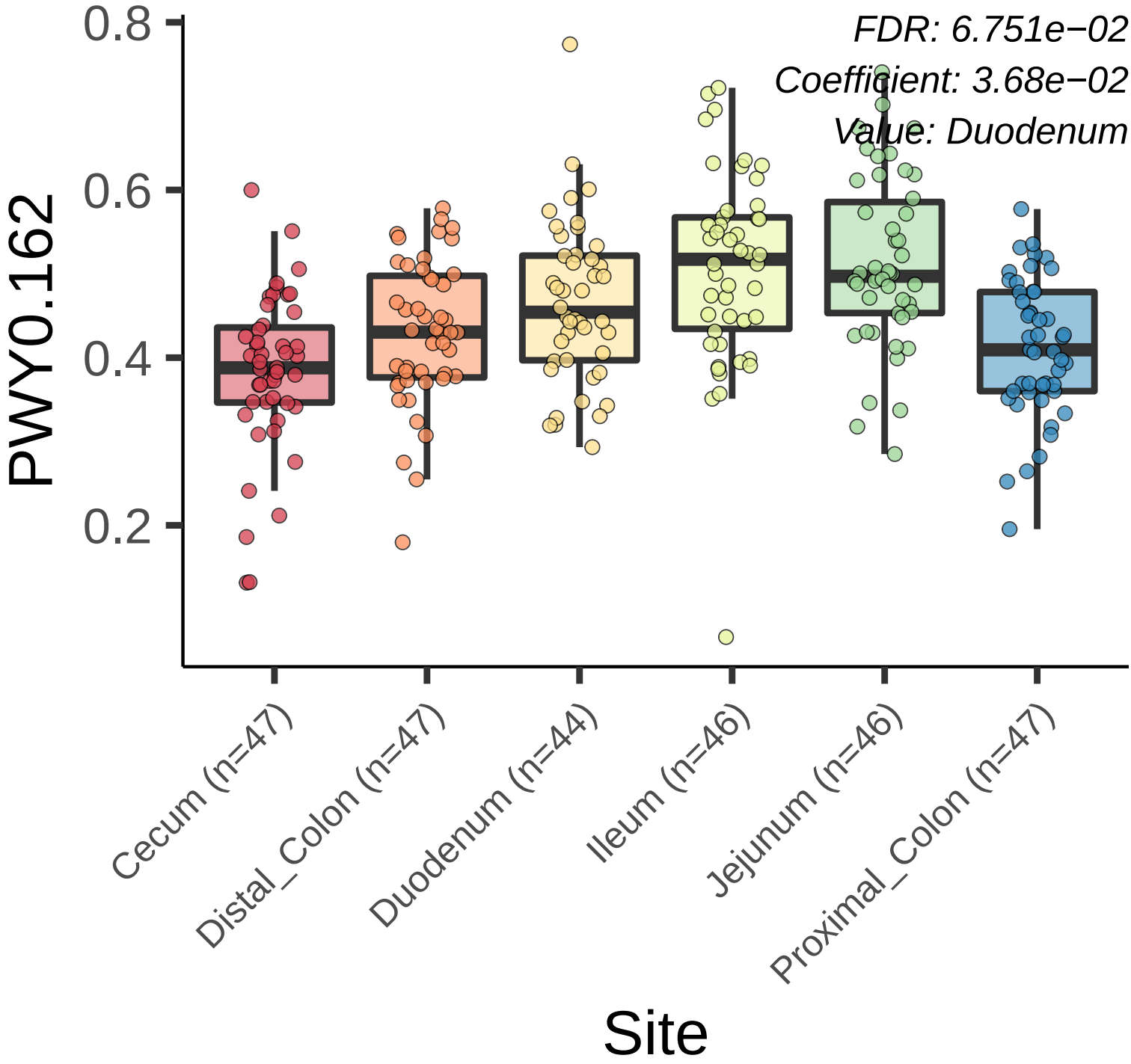
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.751e−02
Coefficient: 3.68e−02
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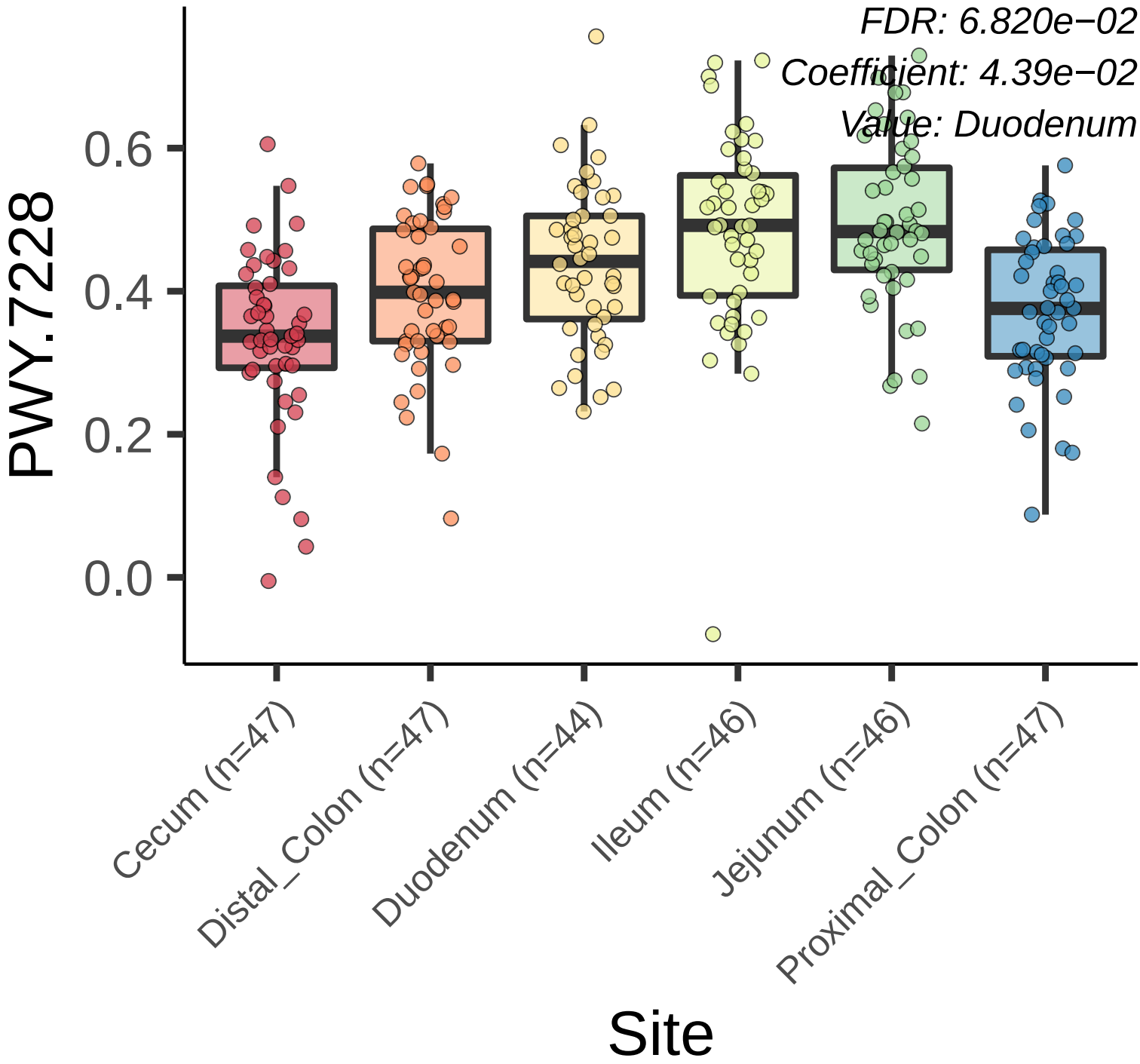
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.820e−02
Coefficient: 4.39e−02
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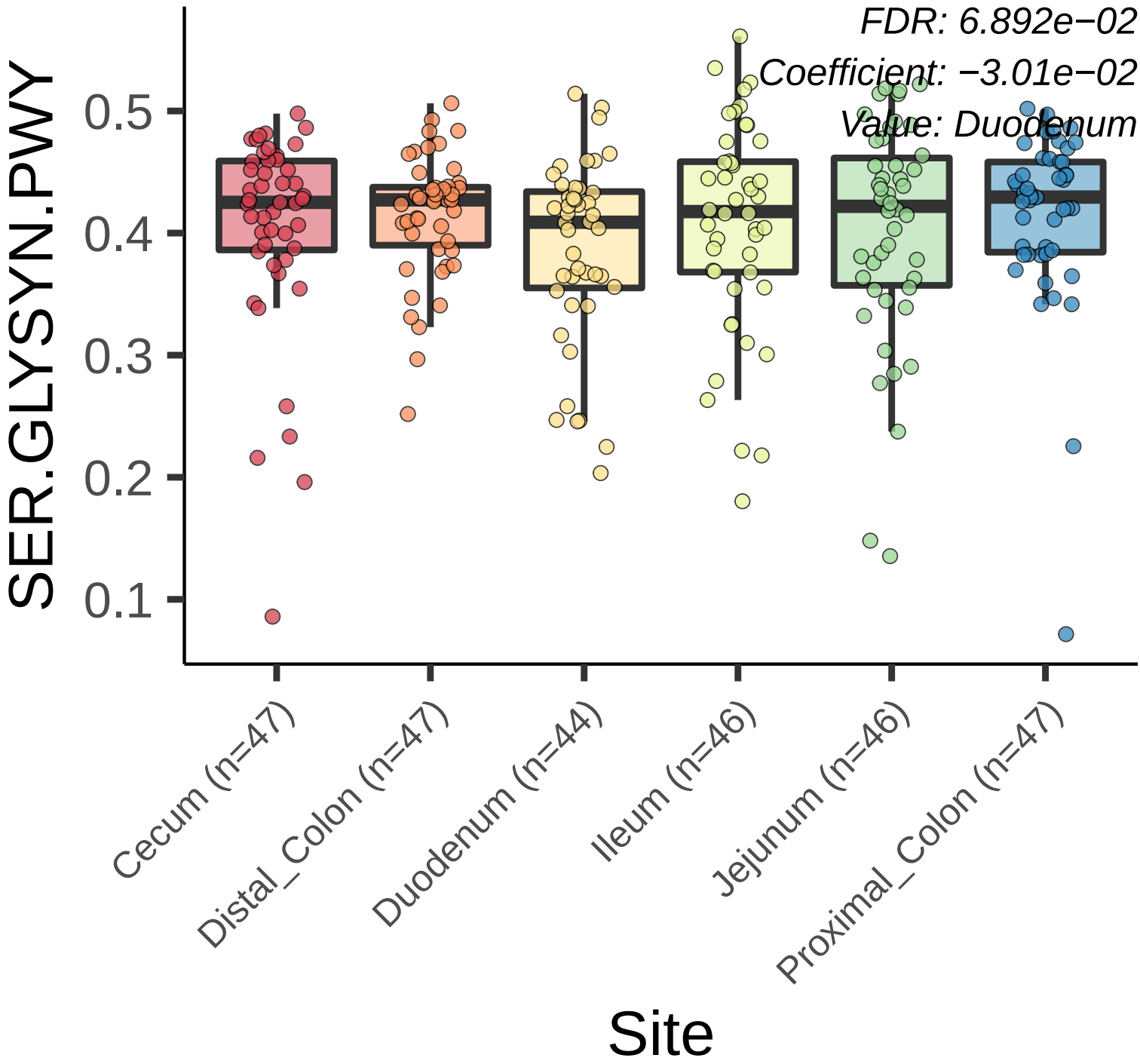
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.892e−02
Coefficient: −3.01e−02
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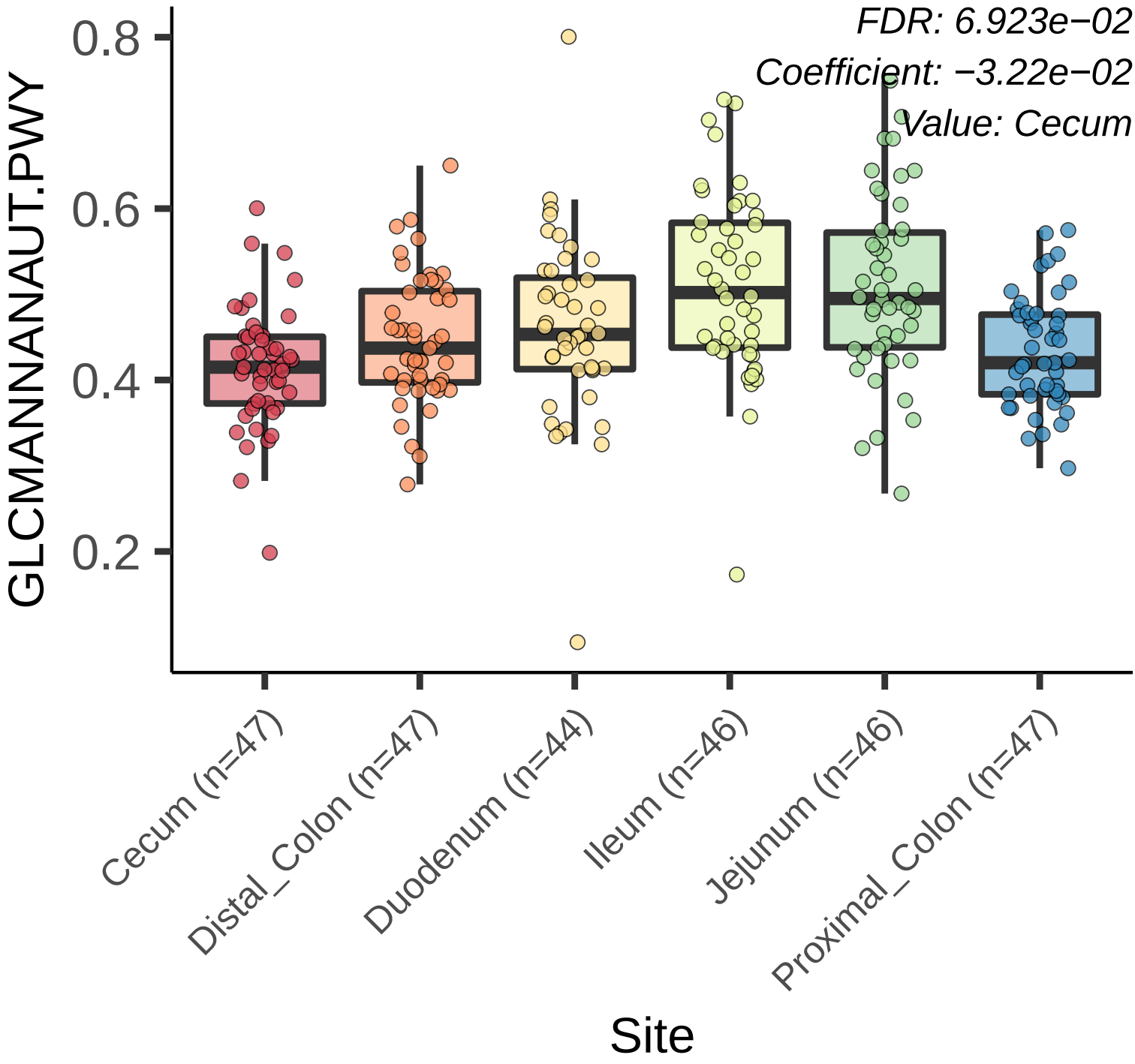
0.4
0.3
0.2
0.1
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 6.923e−02
Coefficient: −3.22e−02
Value: Cecum
GLCMANNANAUT.PWY
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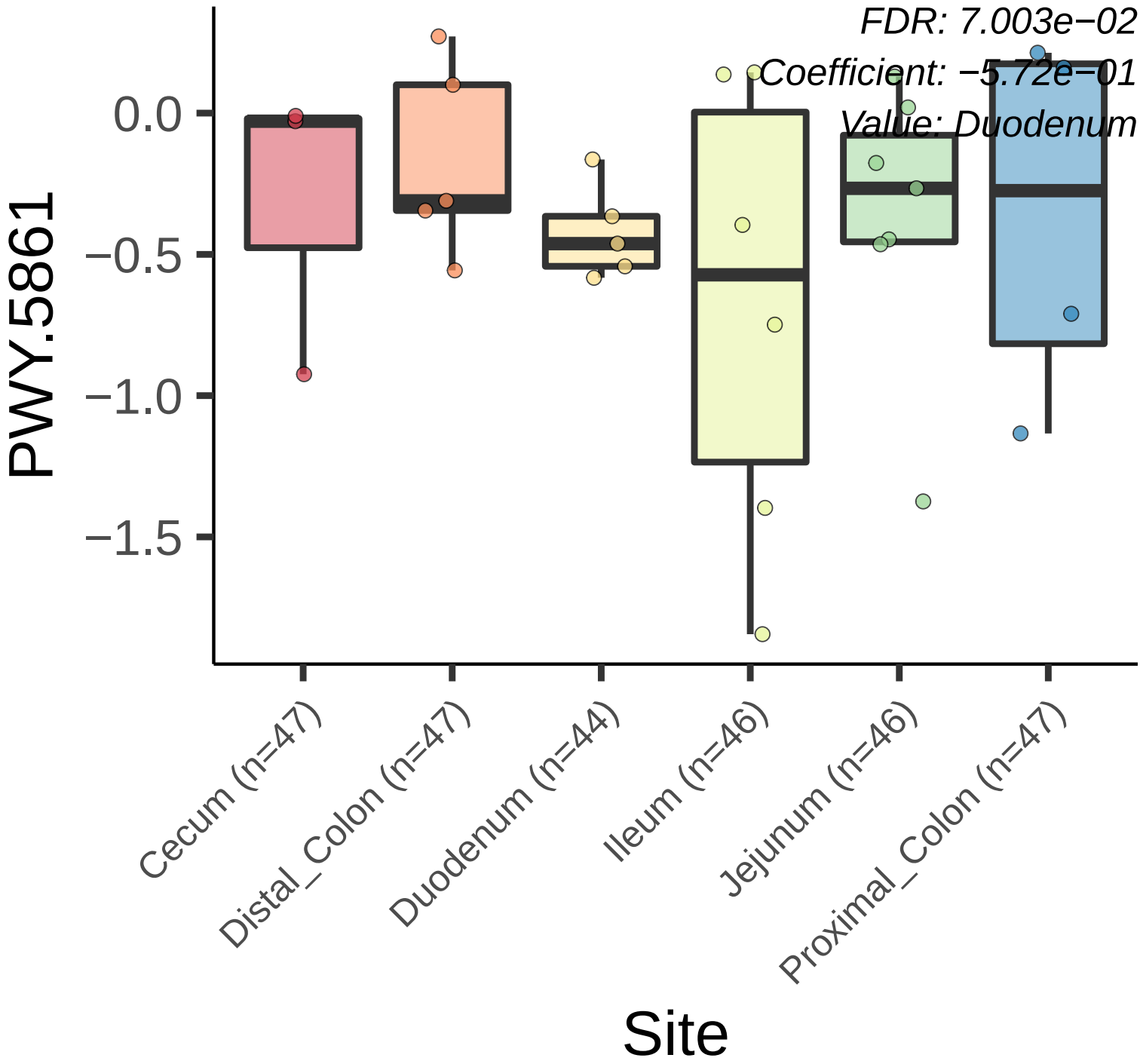
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1.5
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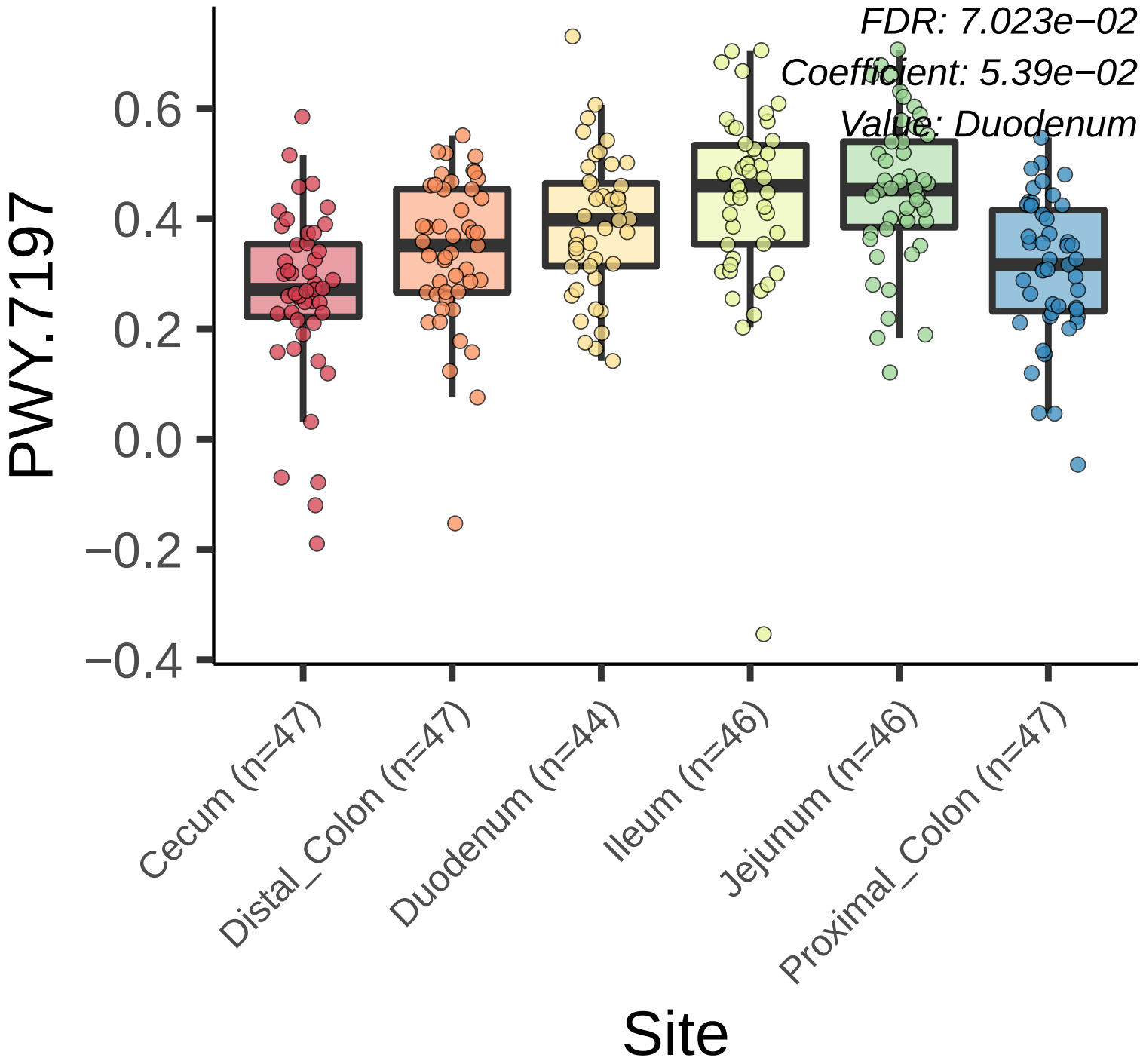
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.39e−02
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0.2
0.0
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−0.4
Cecum (n=47)
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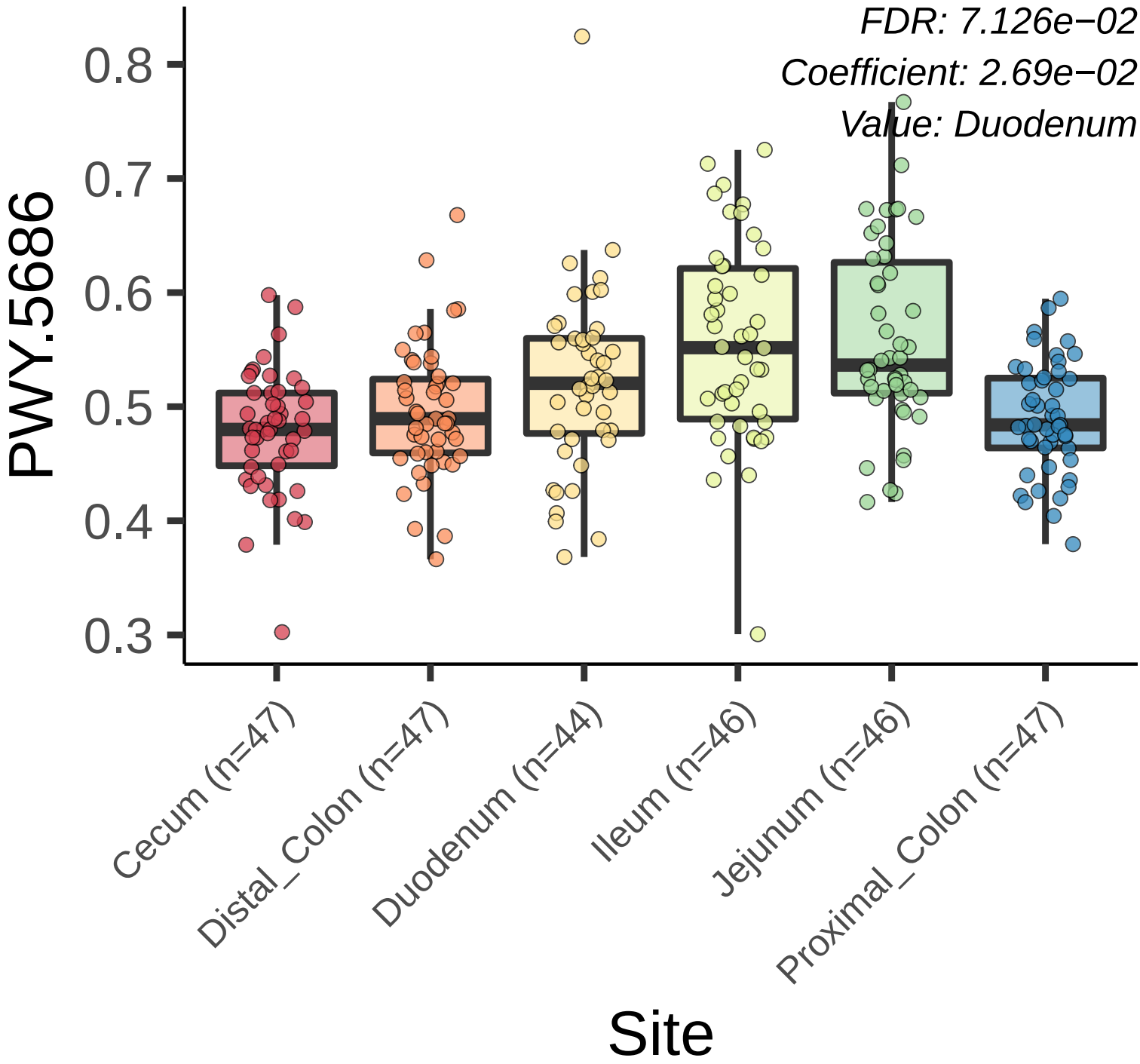
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.5
0.4
0.3
Cecum (n=47)
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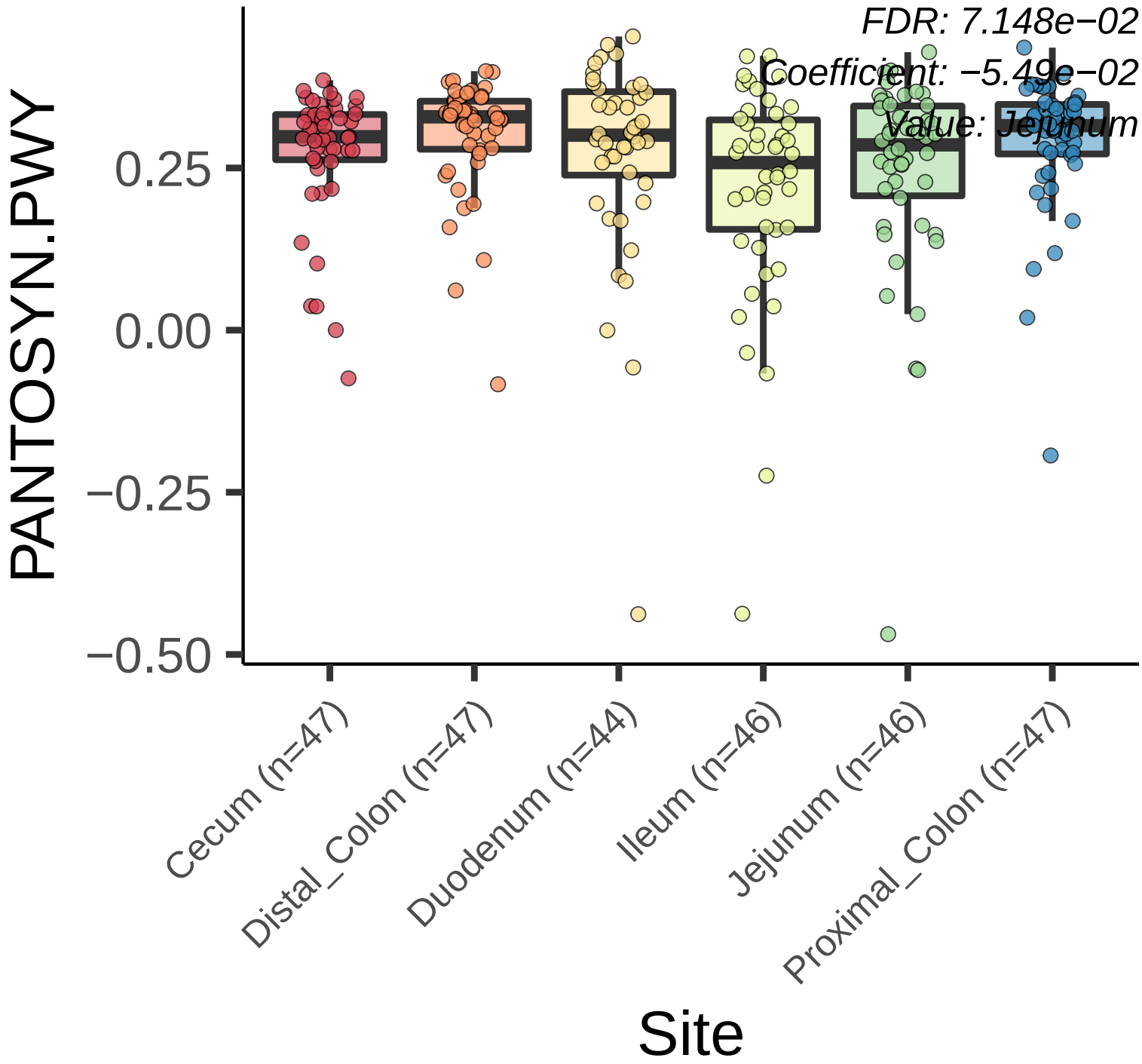
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 7.148e−02
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Value: Jejunum
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Cecum (n=47)
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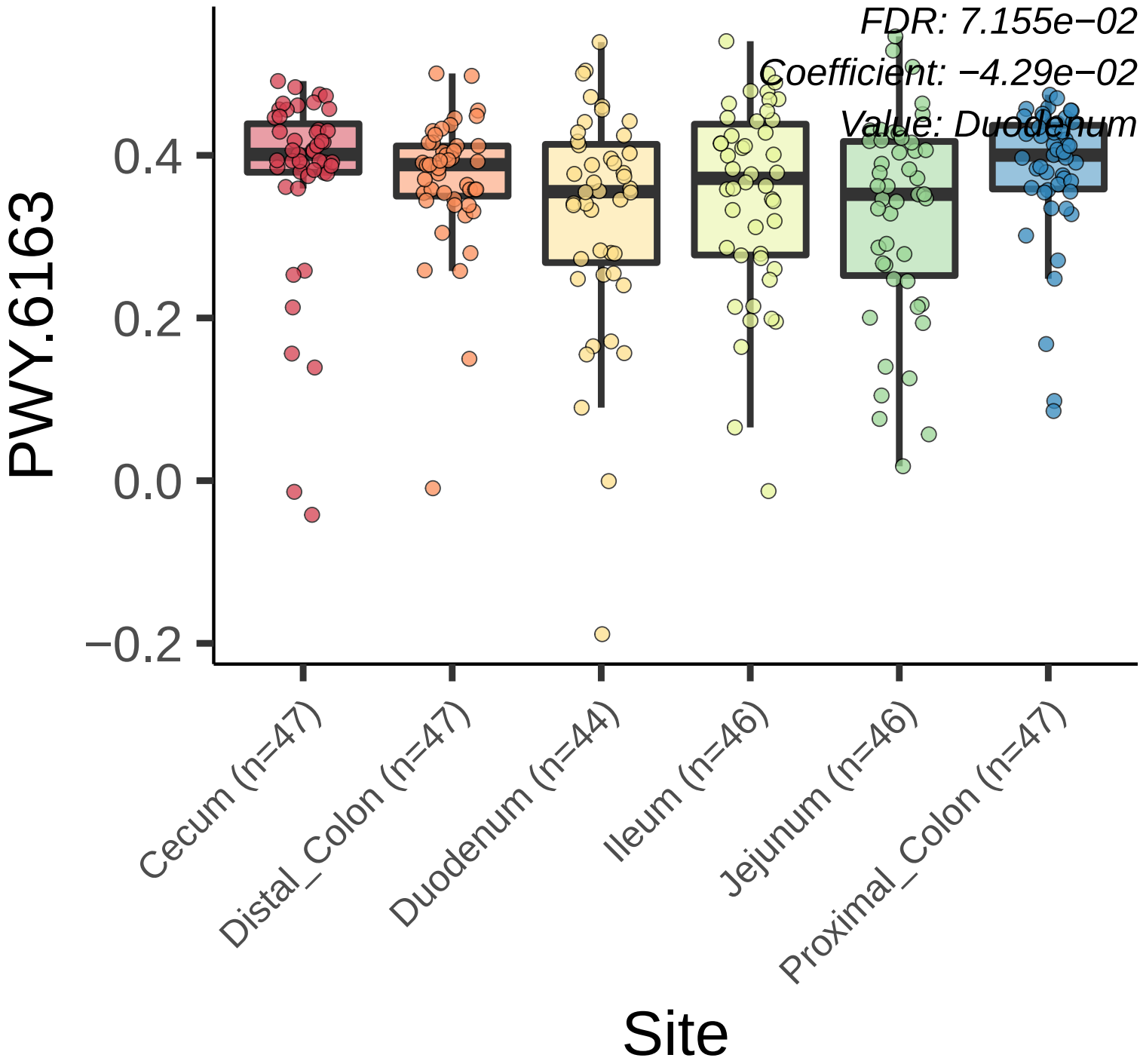
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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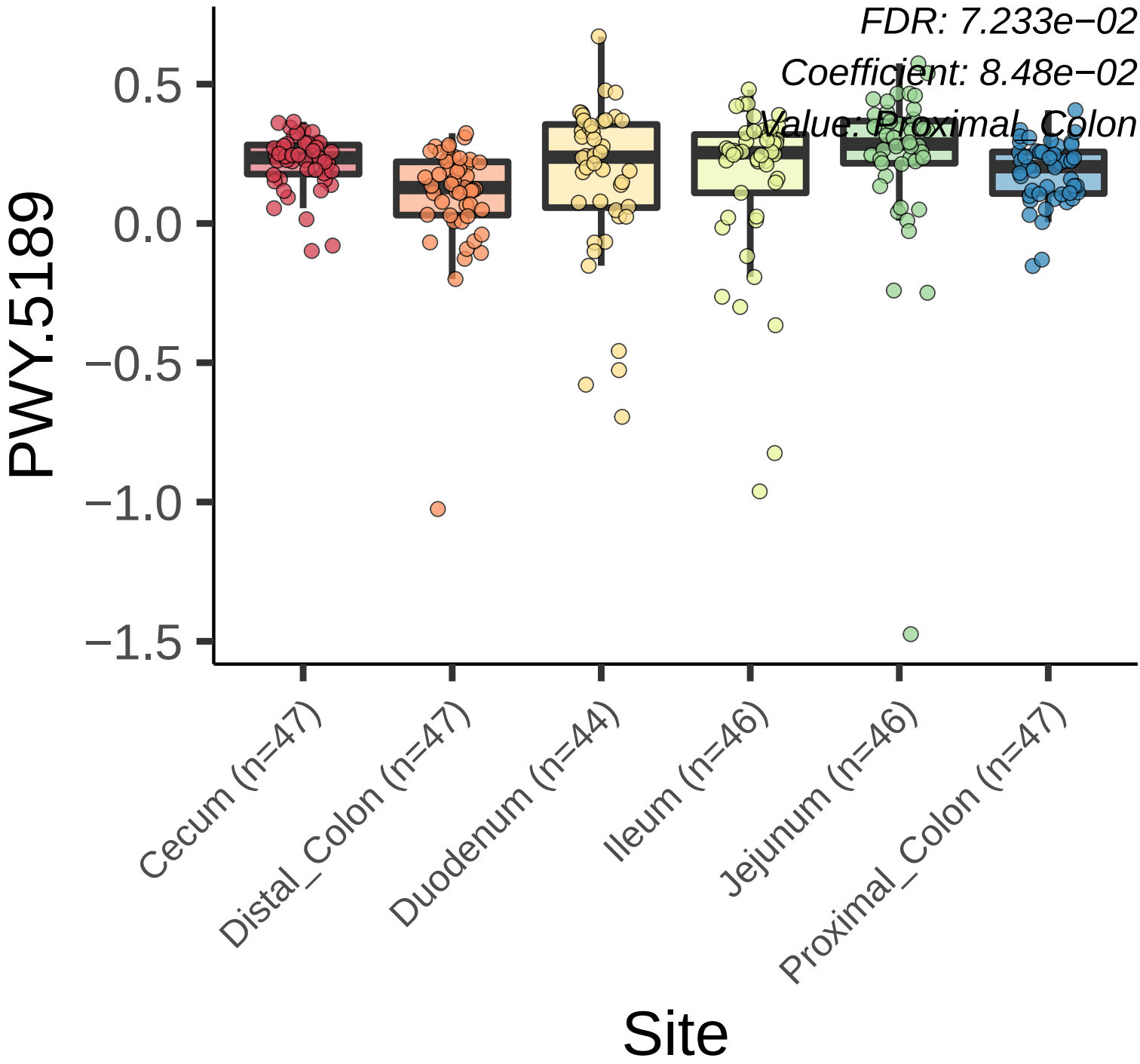
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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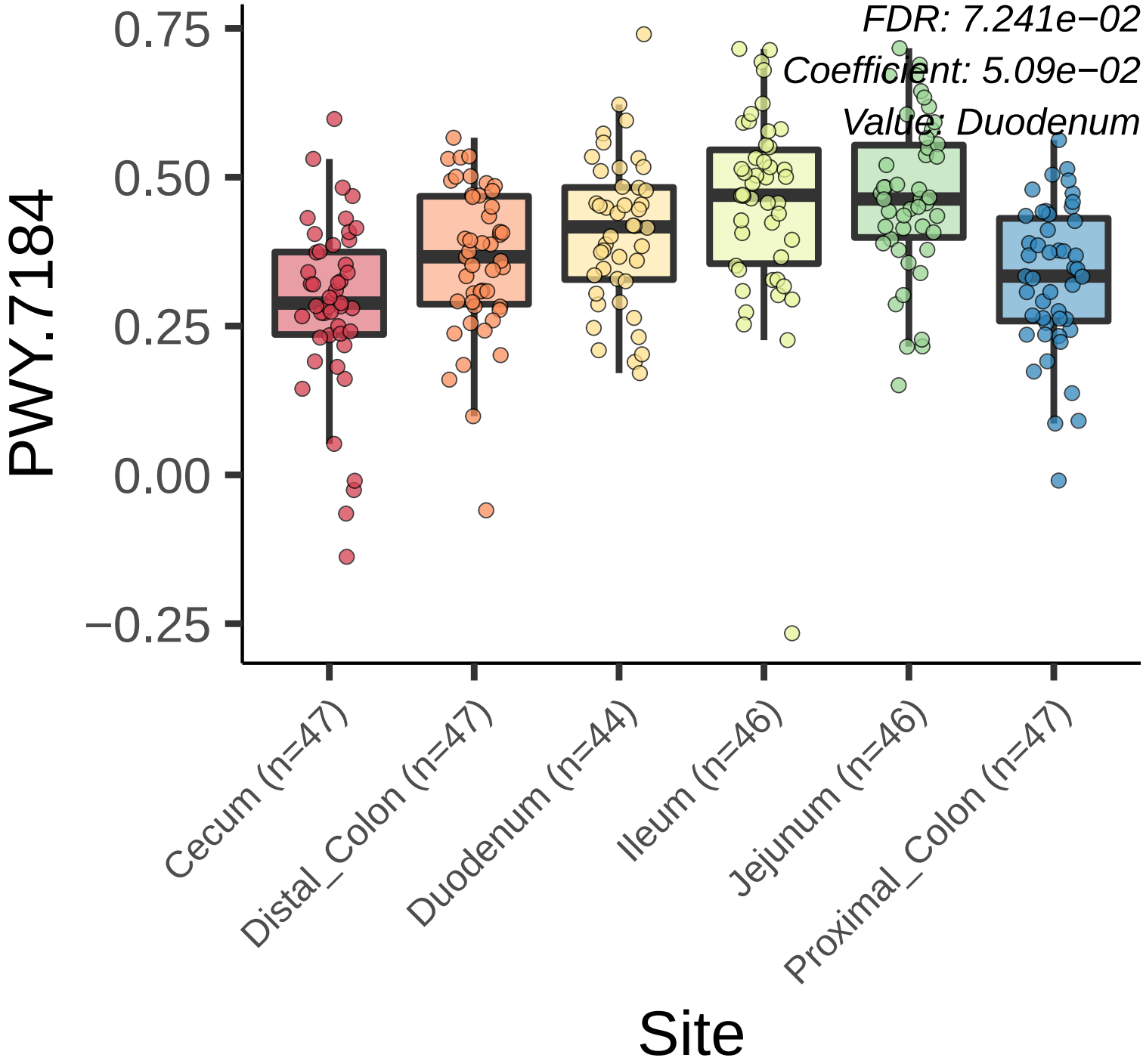
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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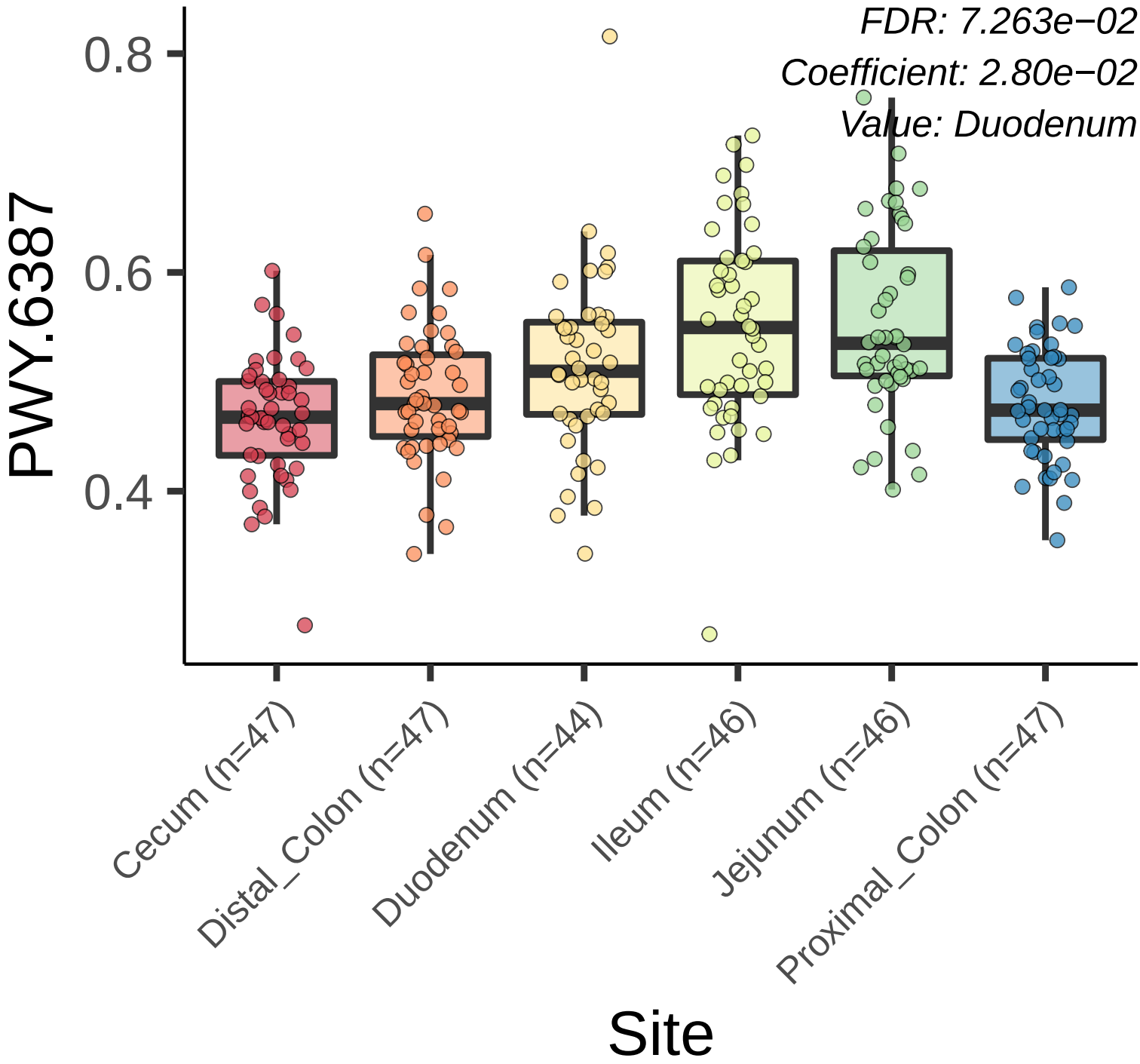
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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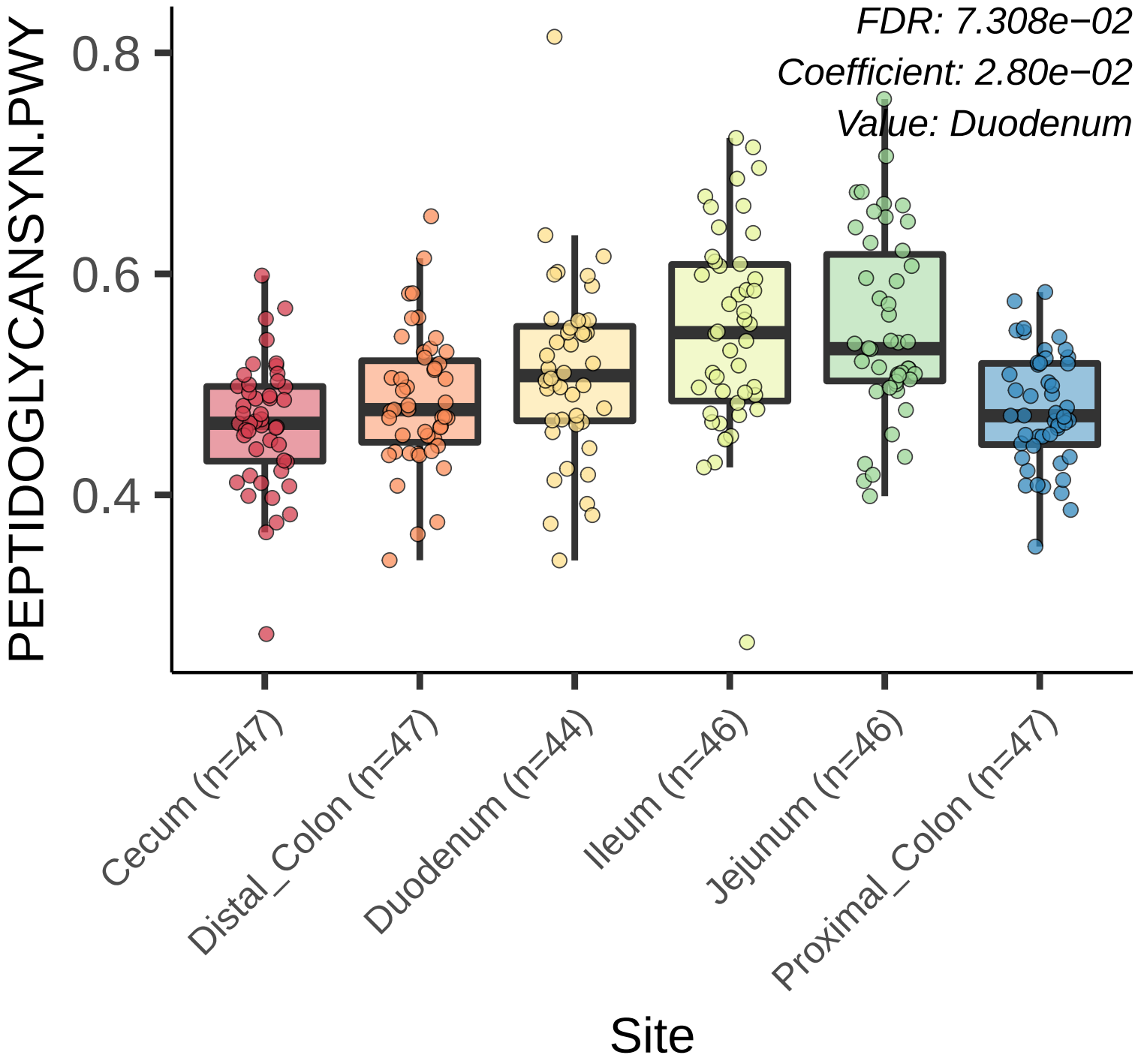
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.80e−02
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PEPTIDOGLYCANSYN.PWY
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0.6
0.4
Cecum (n=47)
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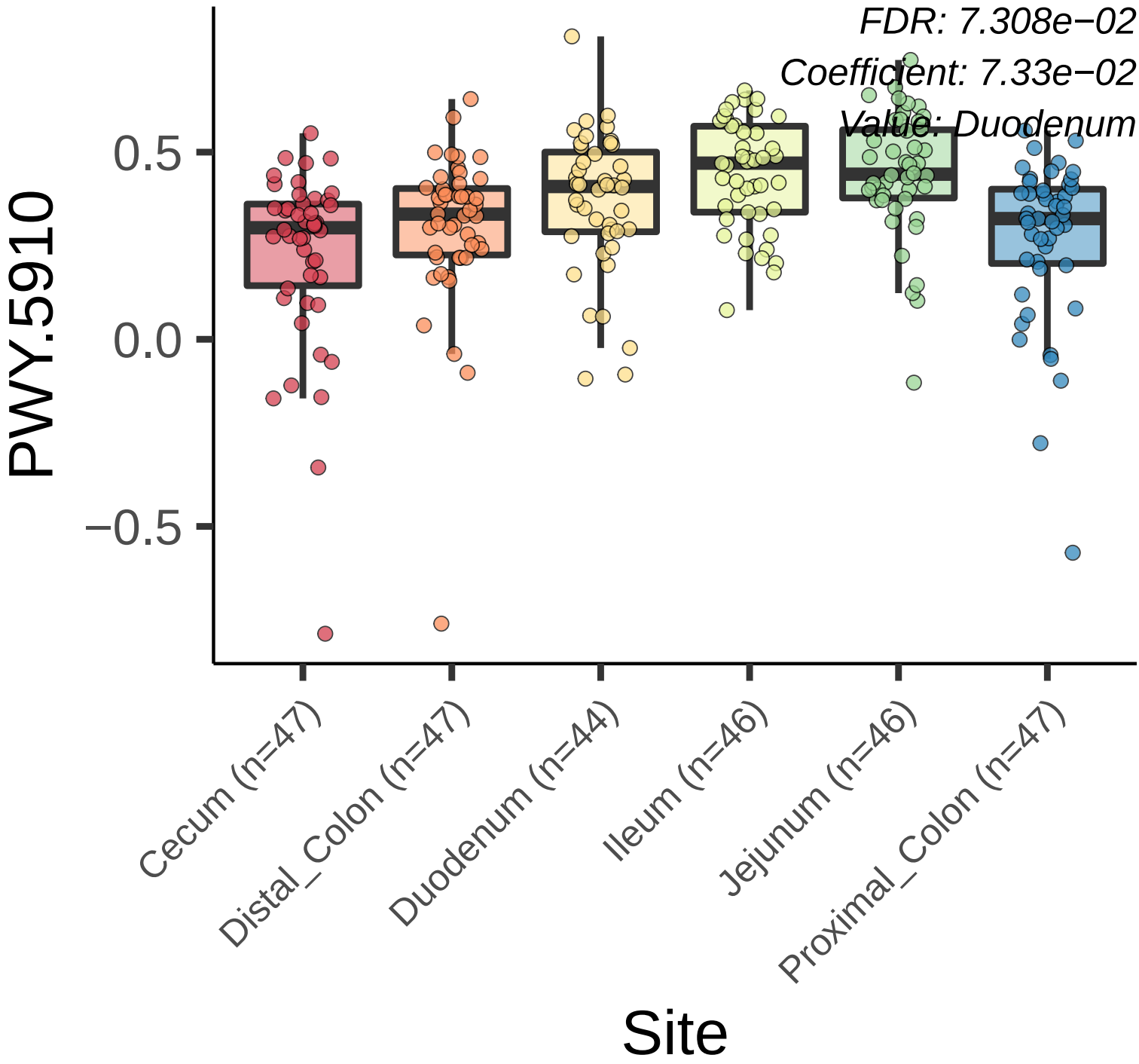
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.33e−02
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Cecum (n=47)
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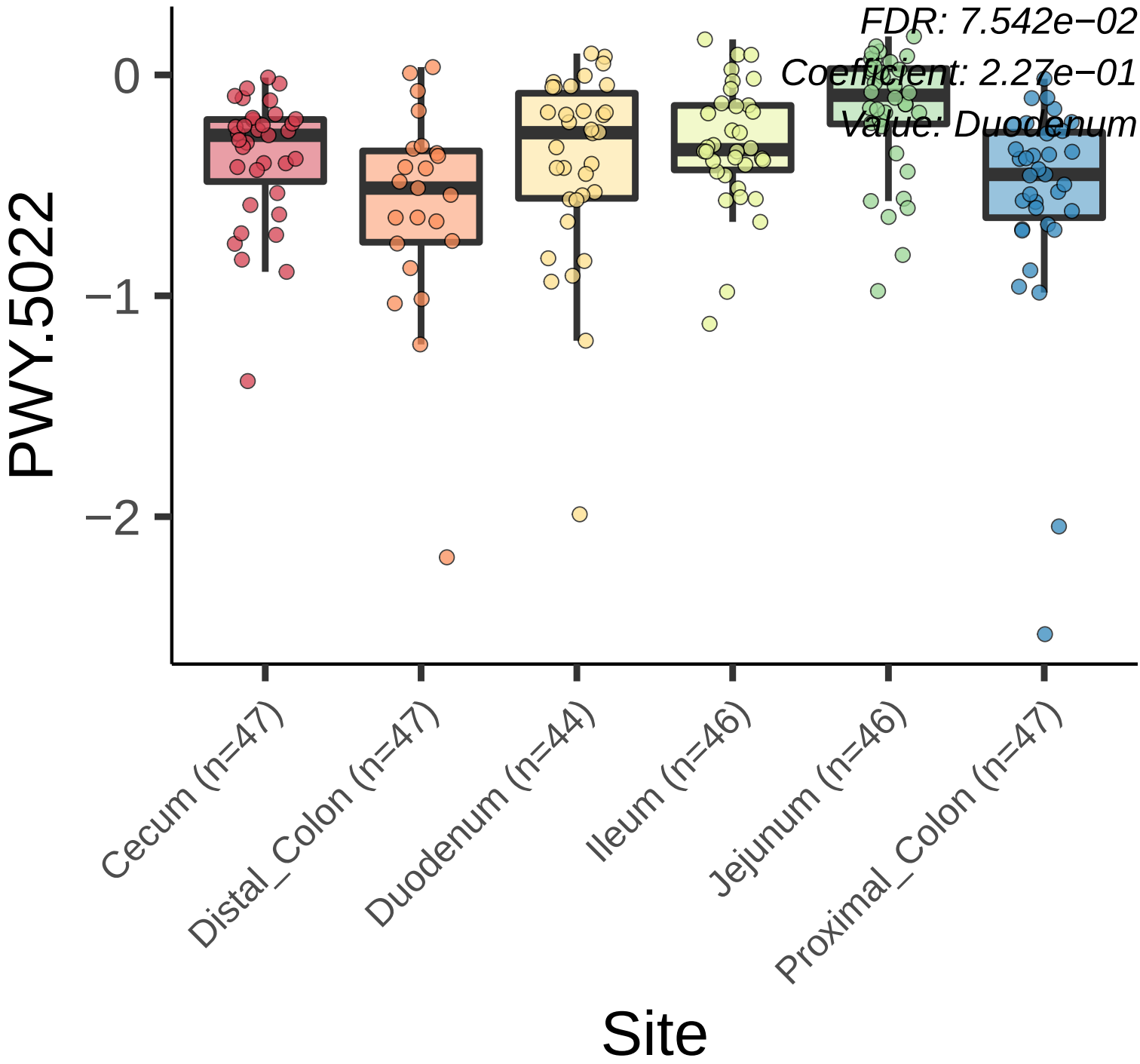
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.27e−01
Value: Duodenum
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−1
−2
Cecum (n=47)
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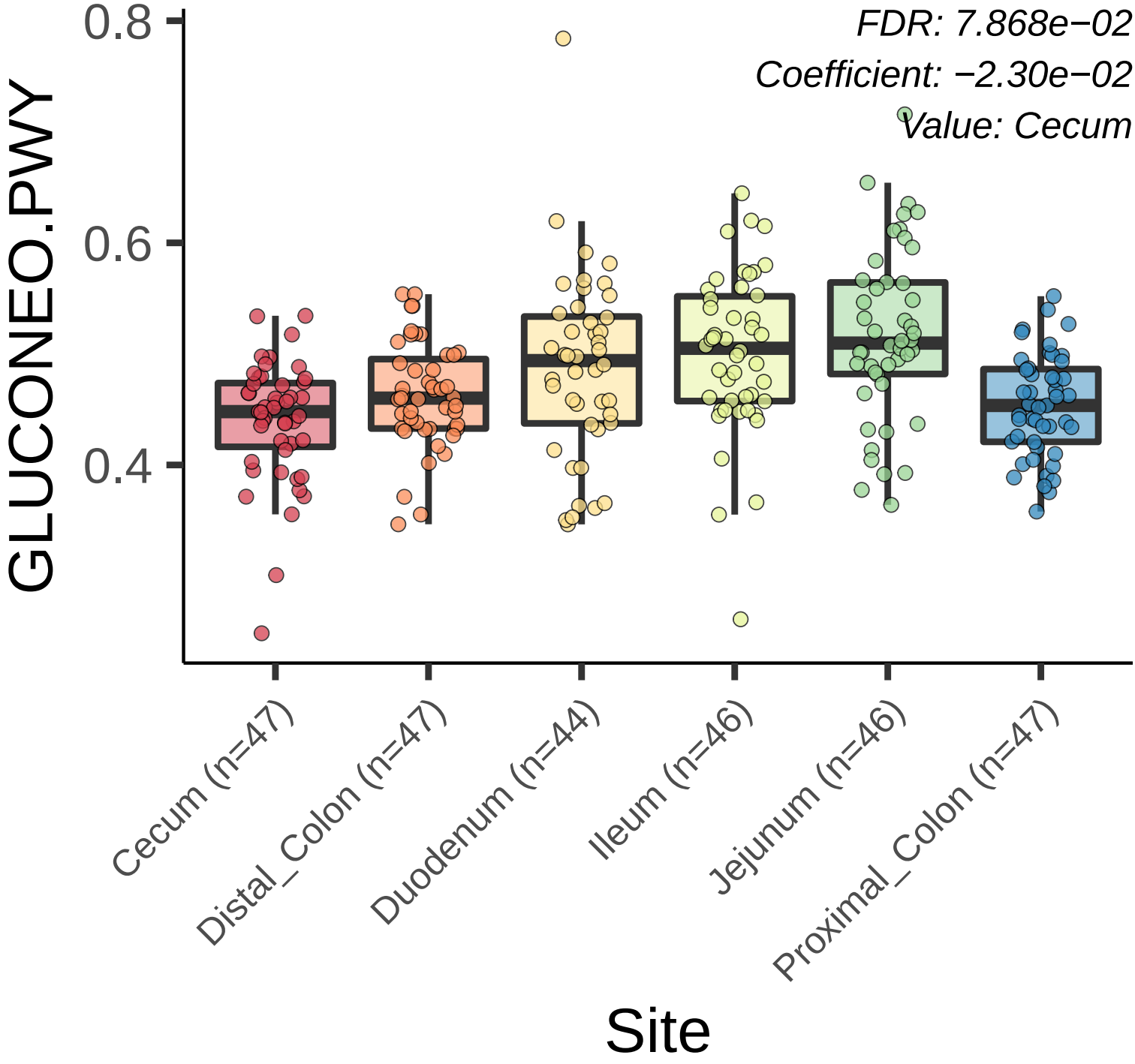
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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GLUCONEO.PWY
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0.6
0.4
Cecum (n=47)
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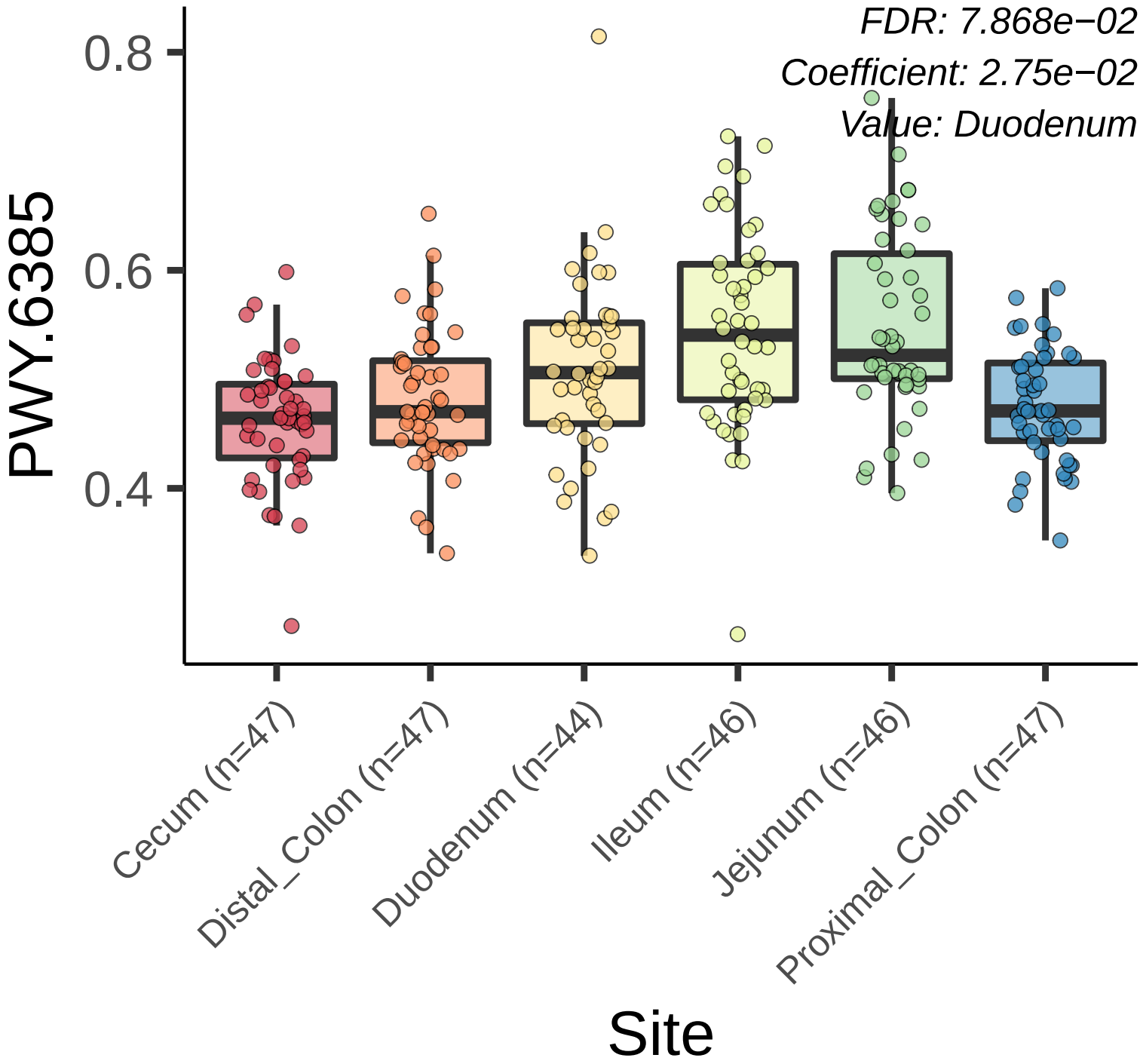
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.75e−02
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0.4
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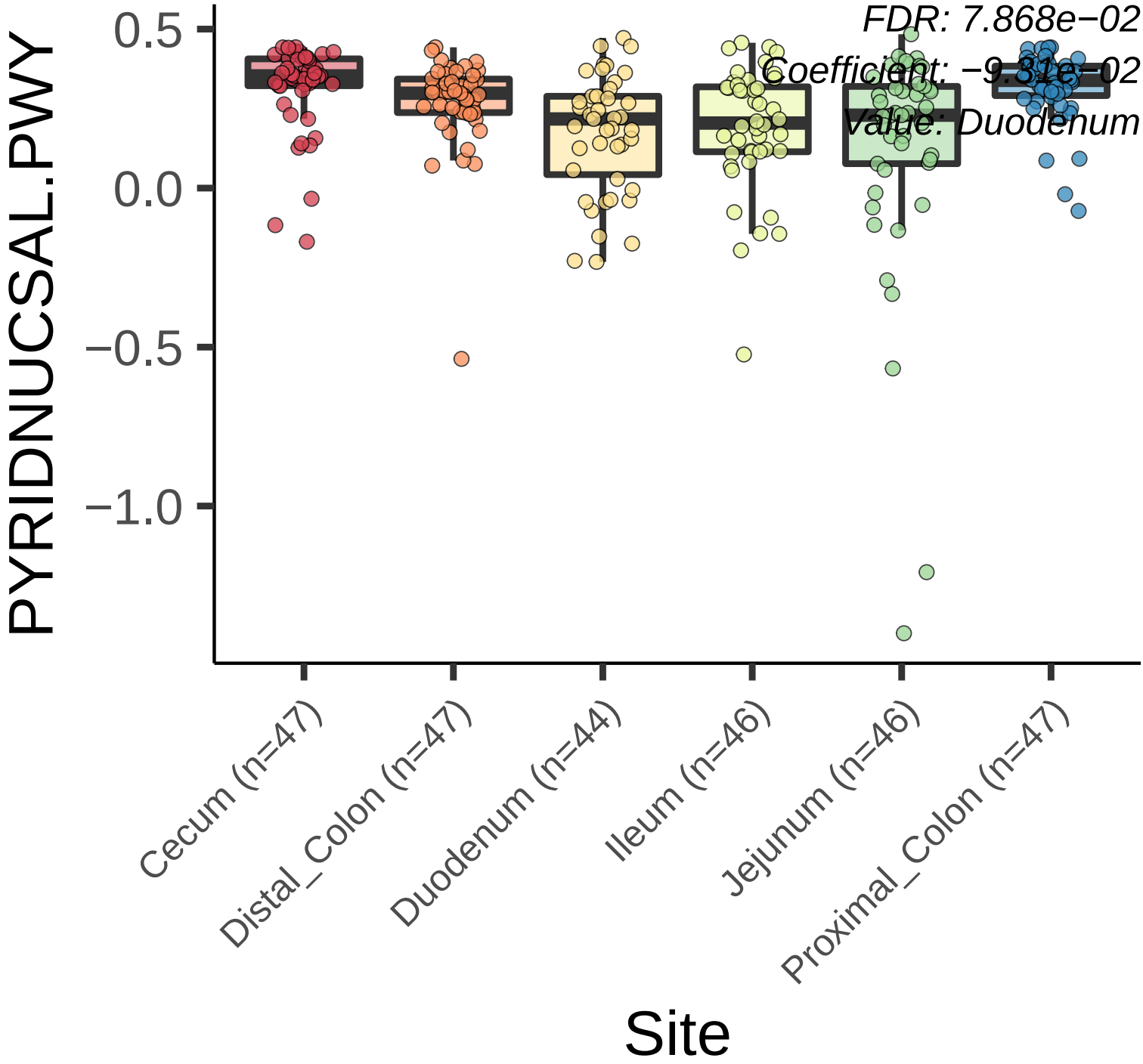
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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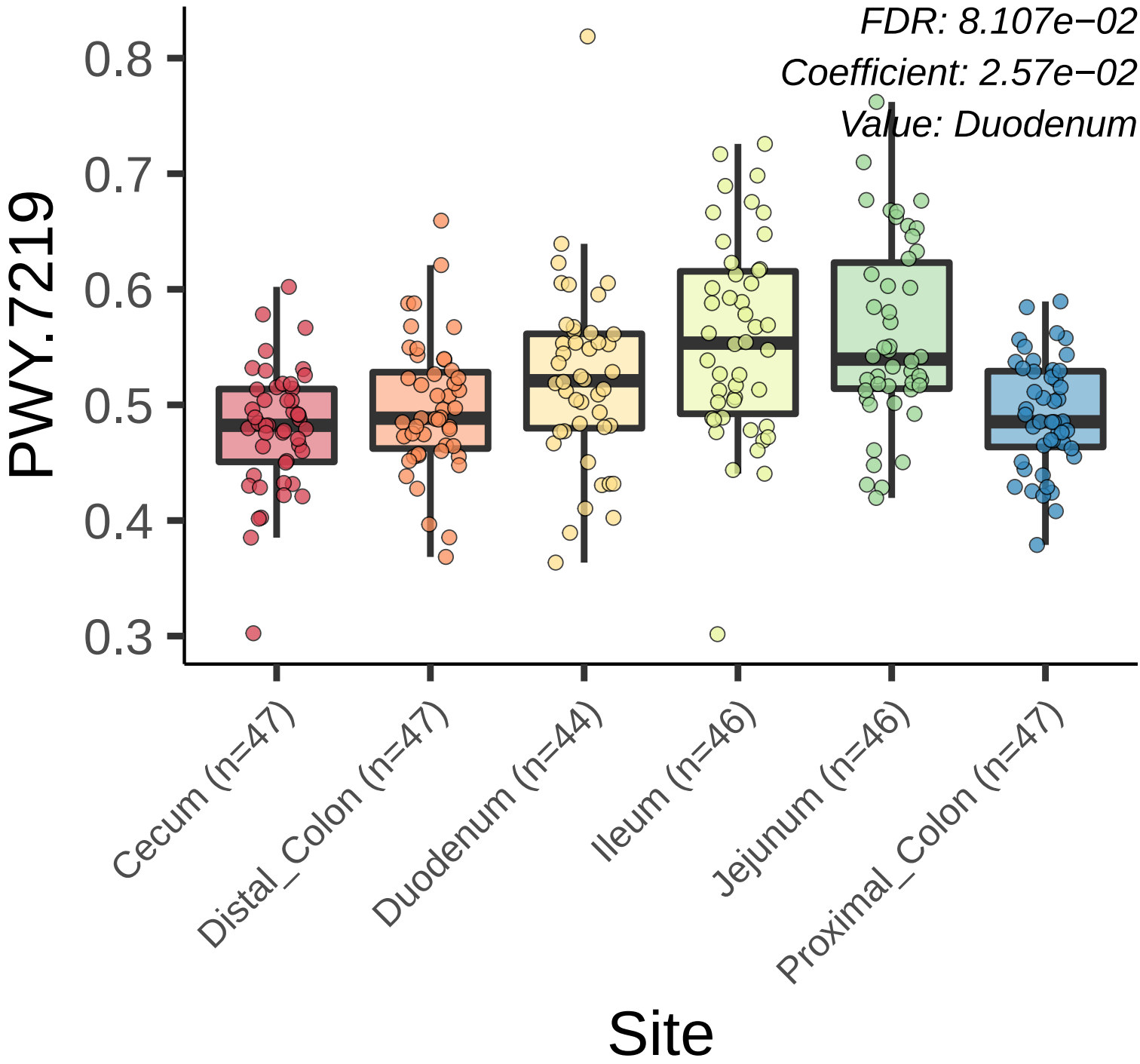
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.57e−02
Value: Duodenum
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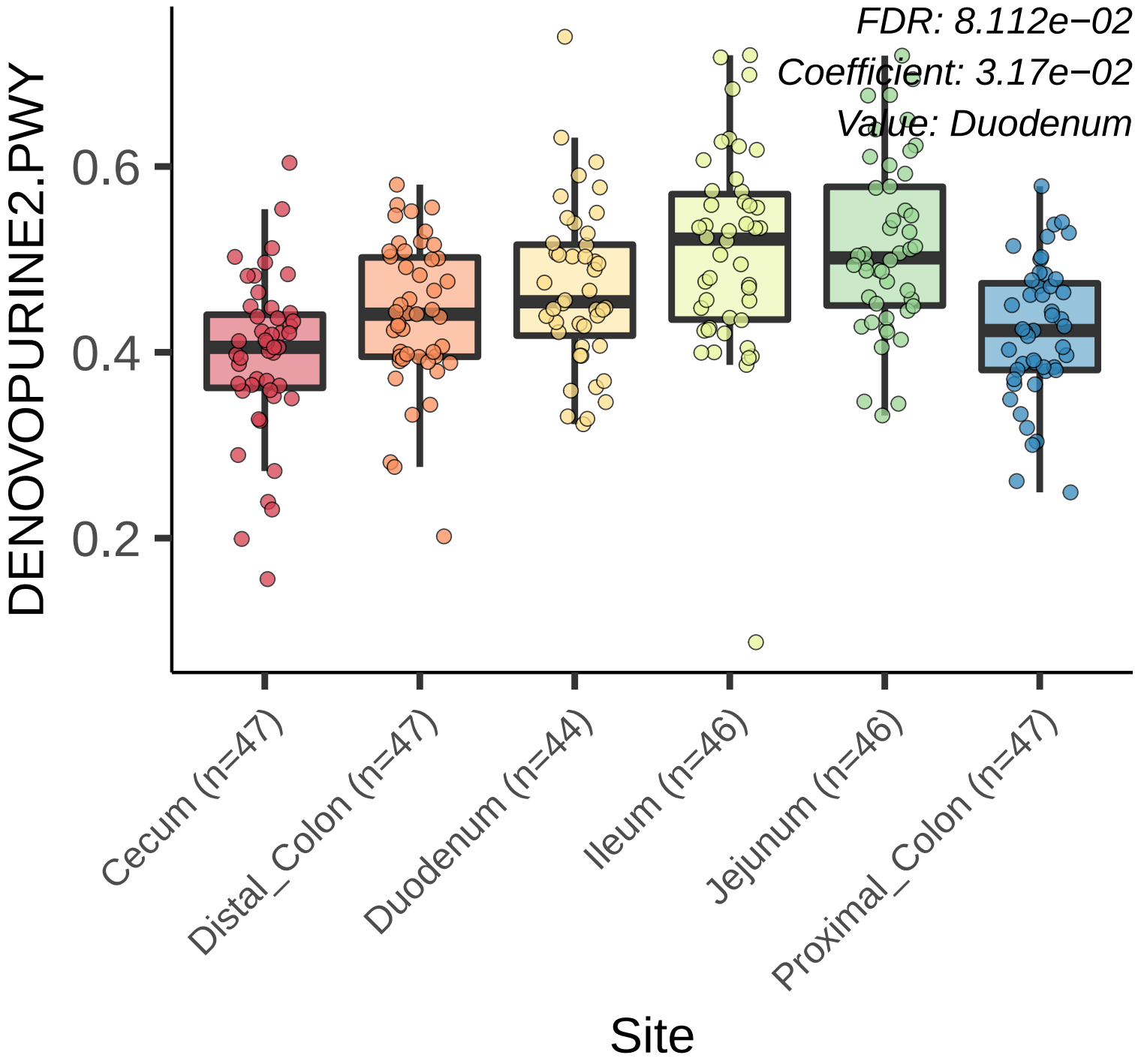
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.17e−02
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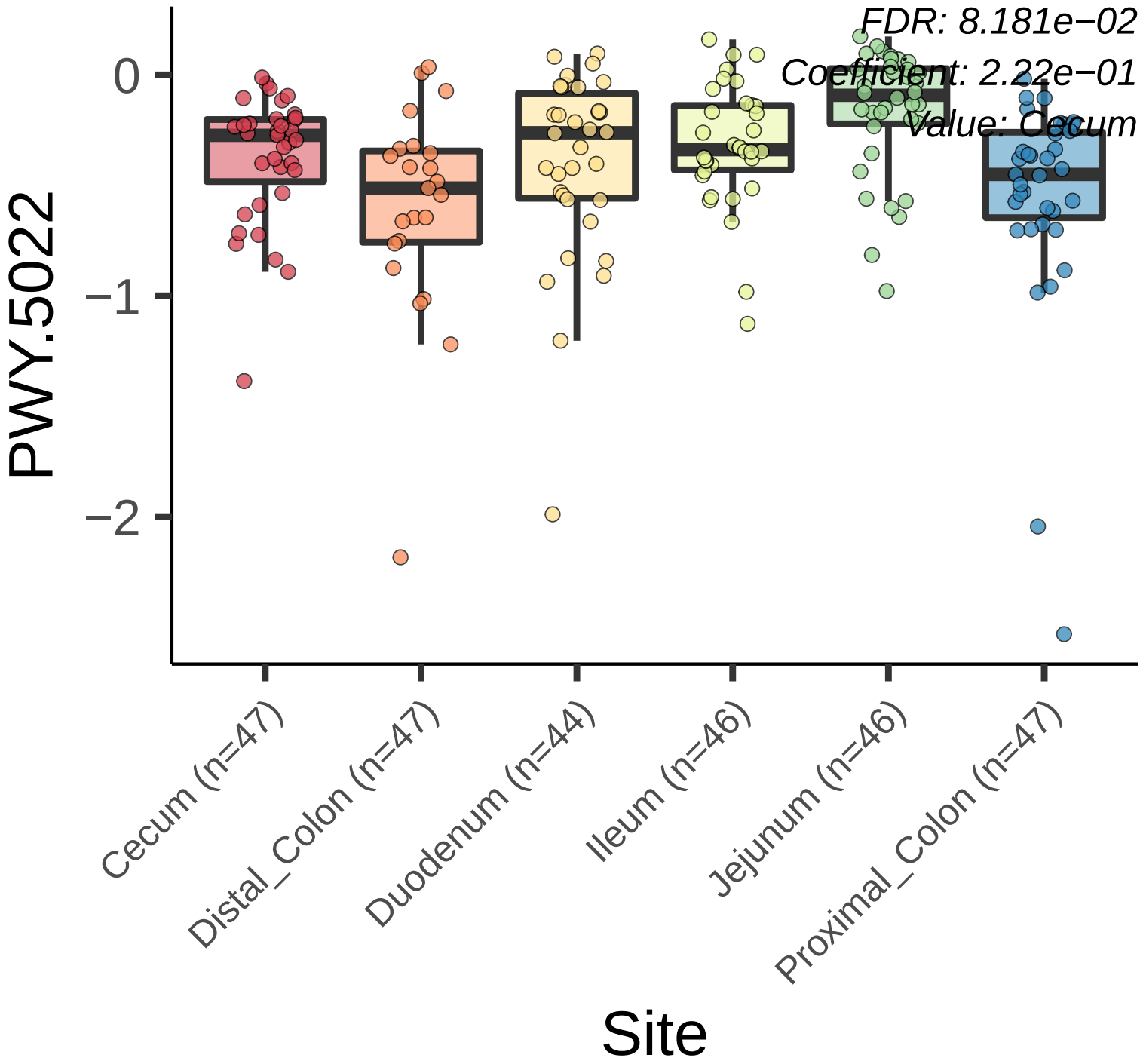
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.22e−01
Value: Cecum
PWY.5022
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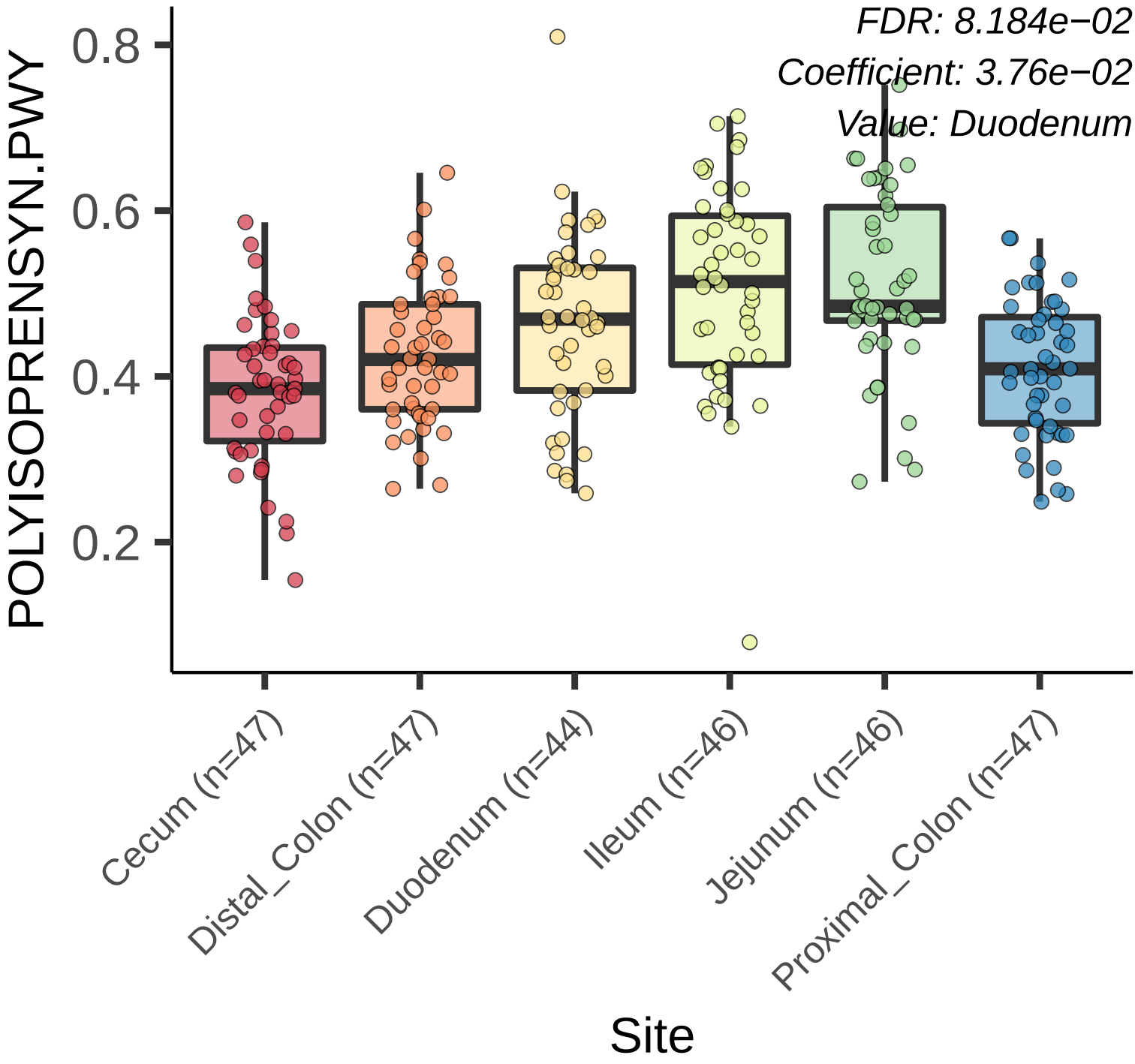
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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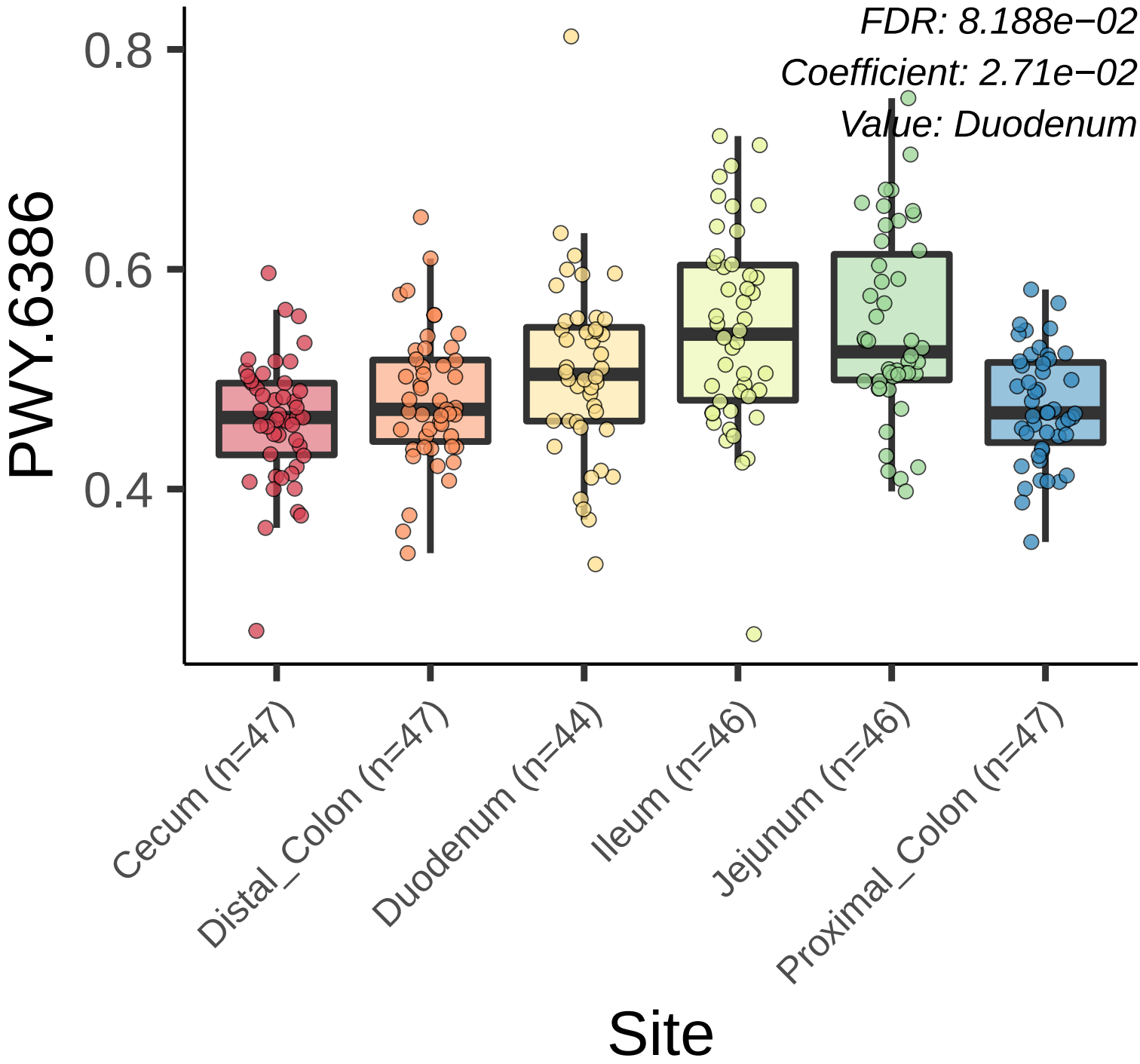
Coefficient: 3.76e−02
Value: Duodenum
POLYISOPRENSYN.PWY
0.8
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.71e−02
Value: Duodenum
PWY.6386
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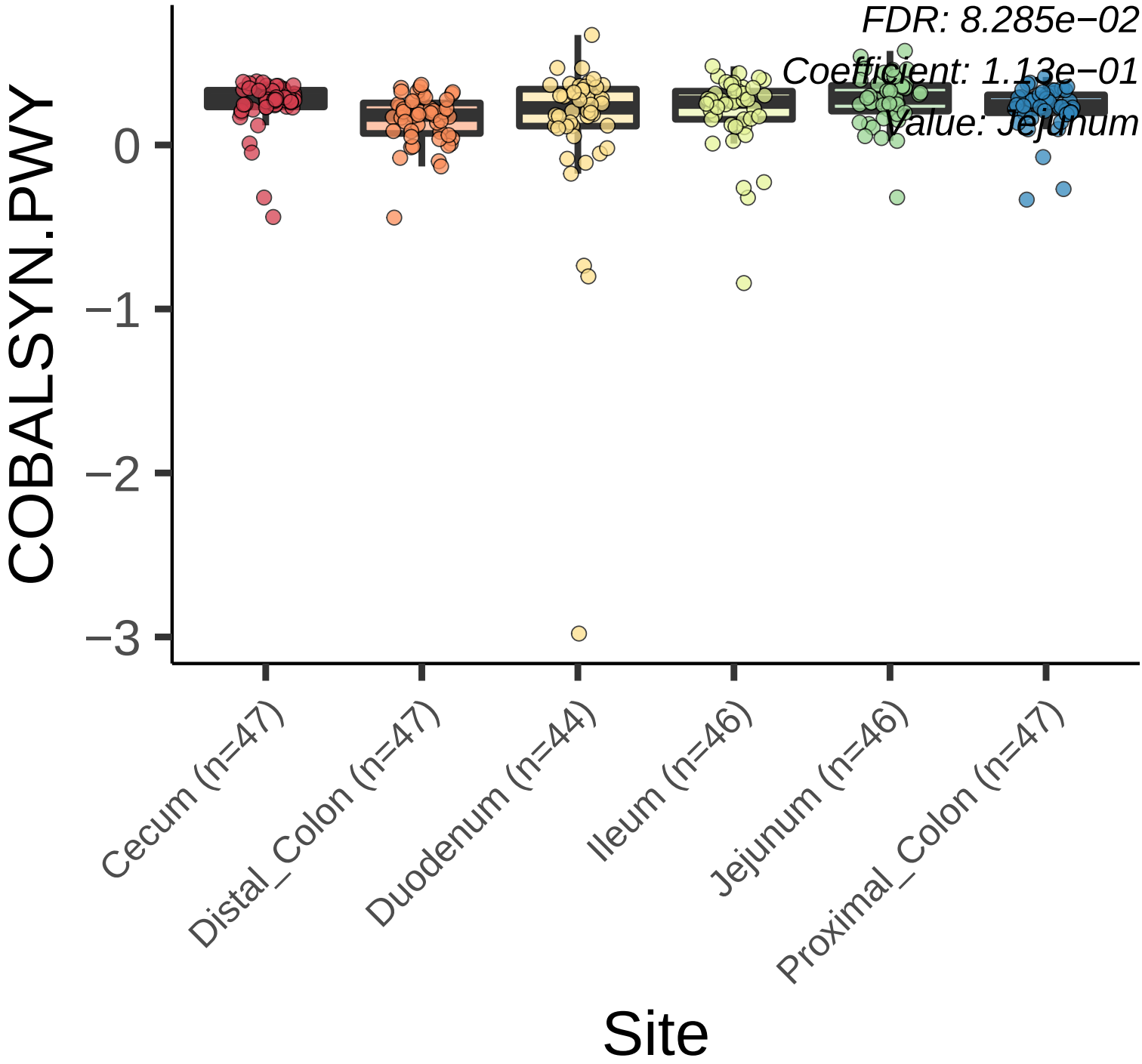
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.285e−02
Coefficient: 1.13e−01
Value: Jejunum
COBALSYN.PWY
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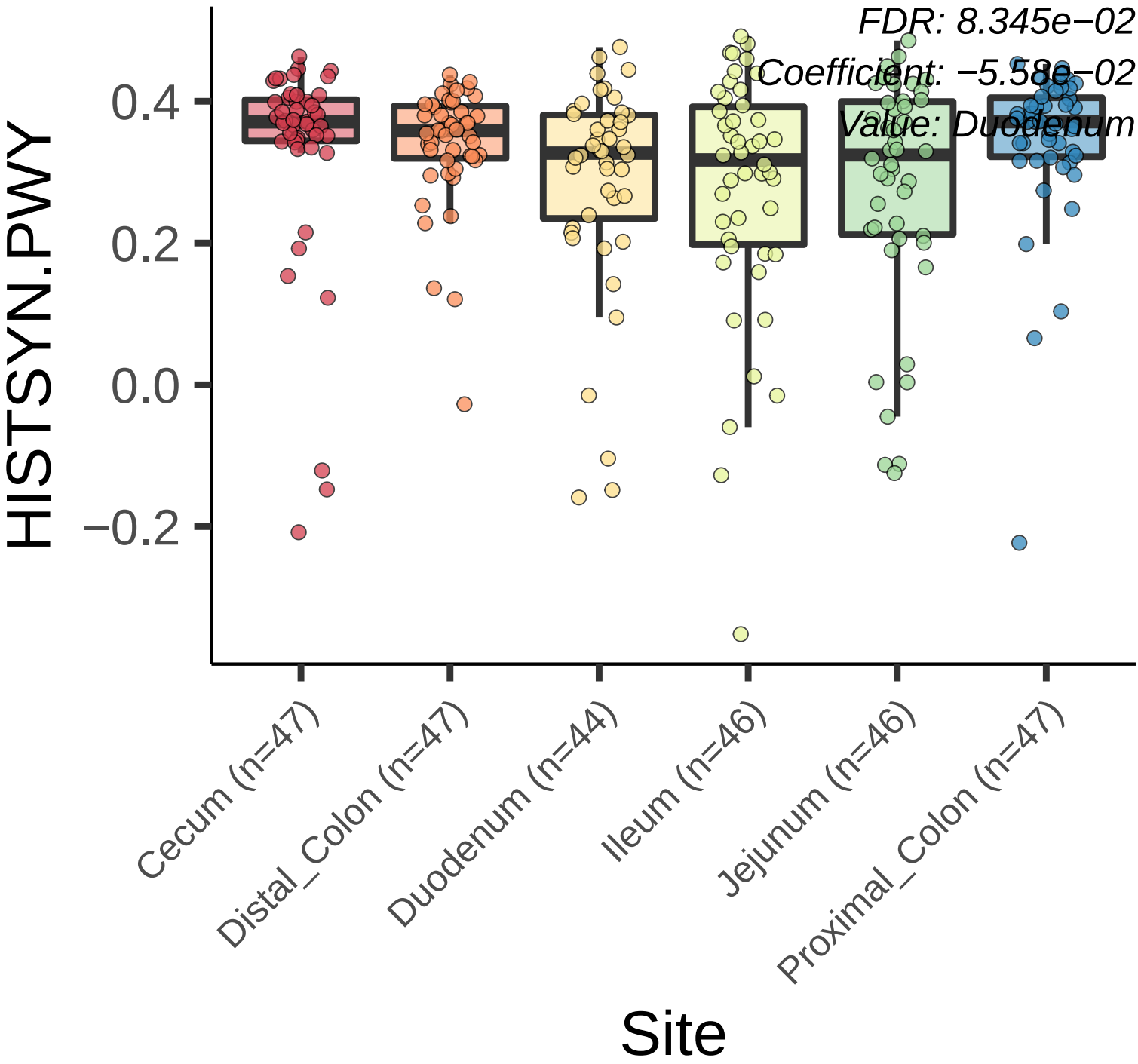
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −5.58e−02
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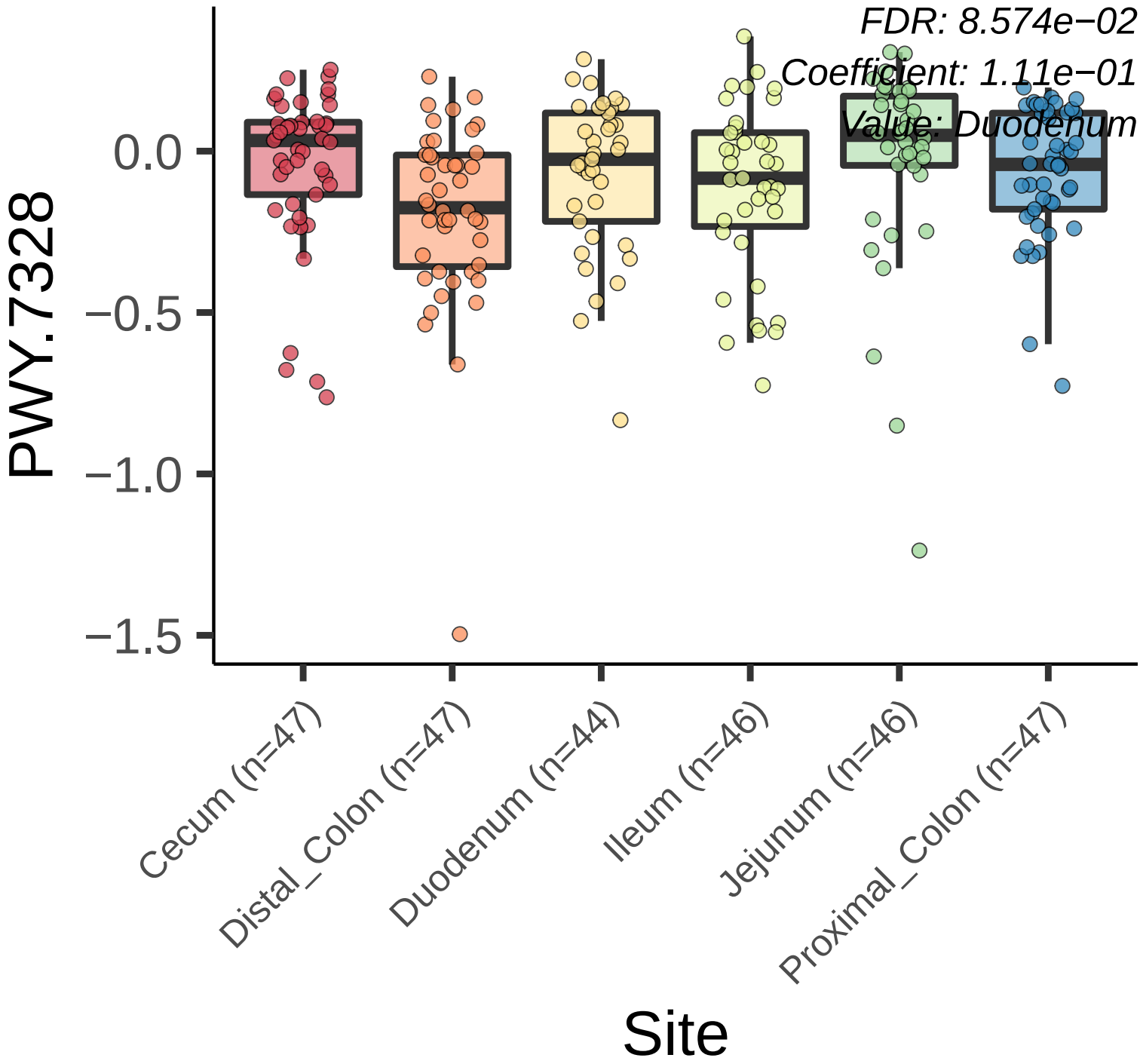
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.11e−01
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PWY.7328
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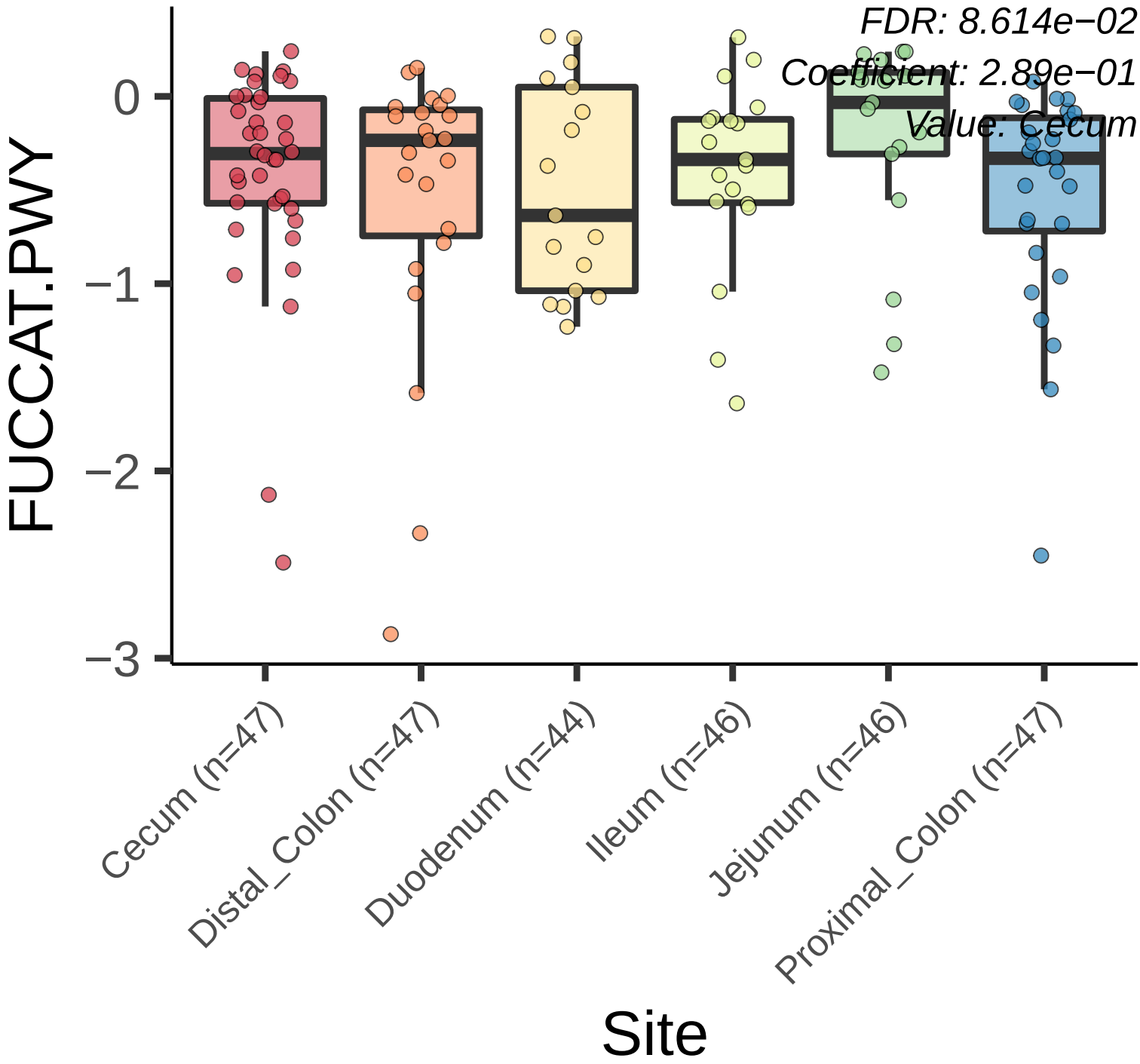
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.614e−02
Coefficient: 2.89e−01
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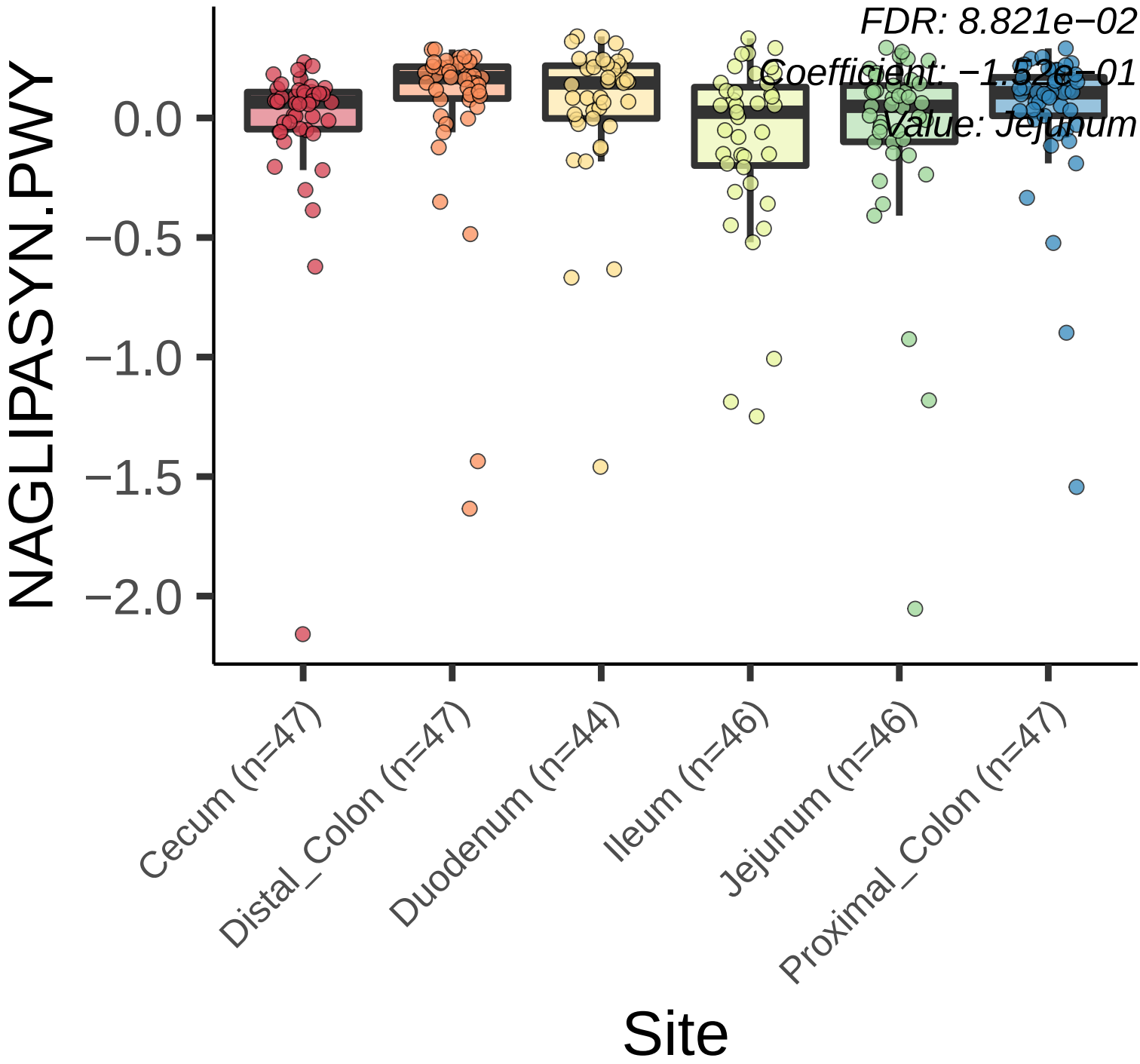
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.821e−02
Coefficient: −1.52e−01
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NAGLIPASYN.PWY
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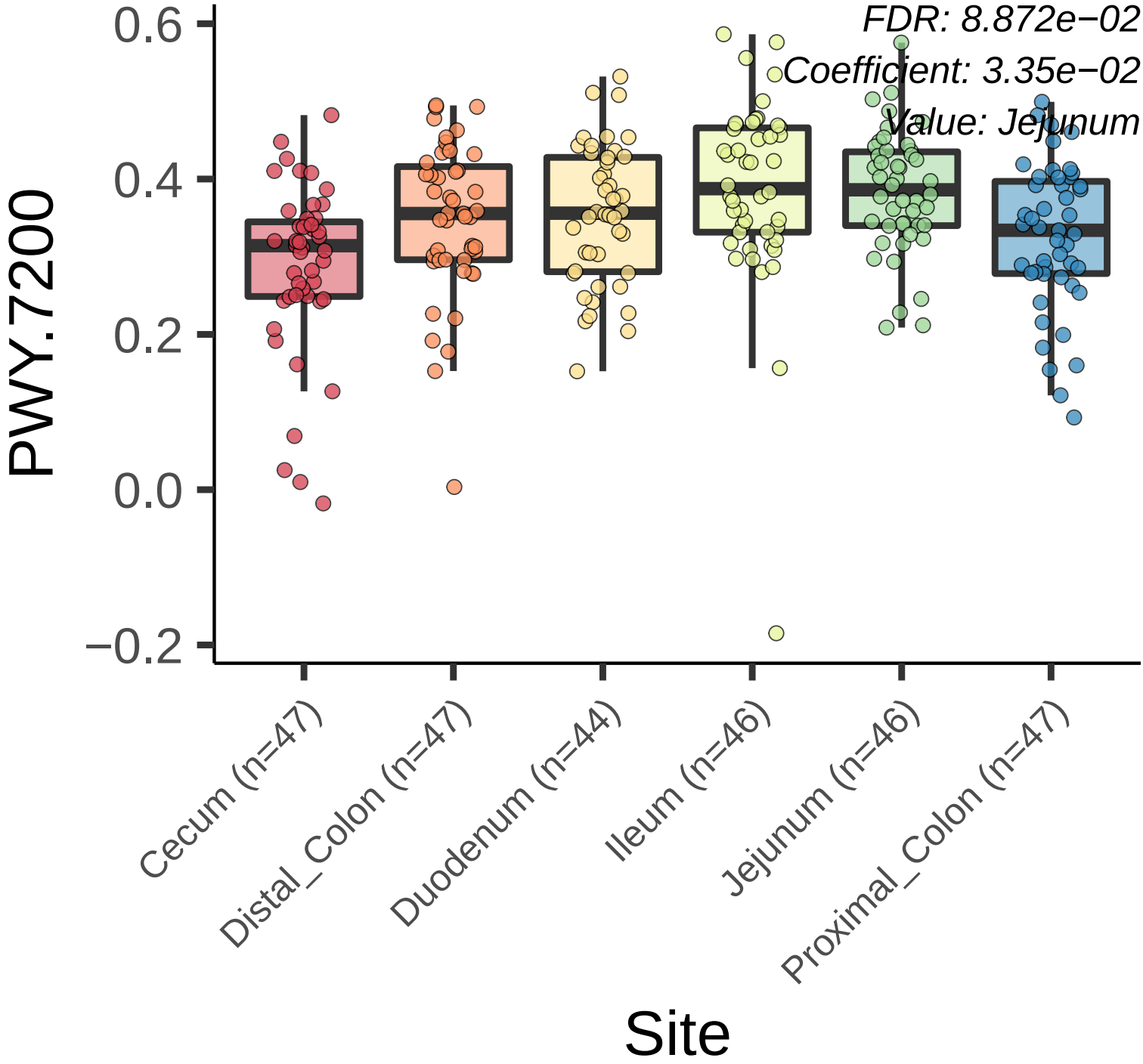
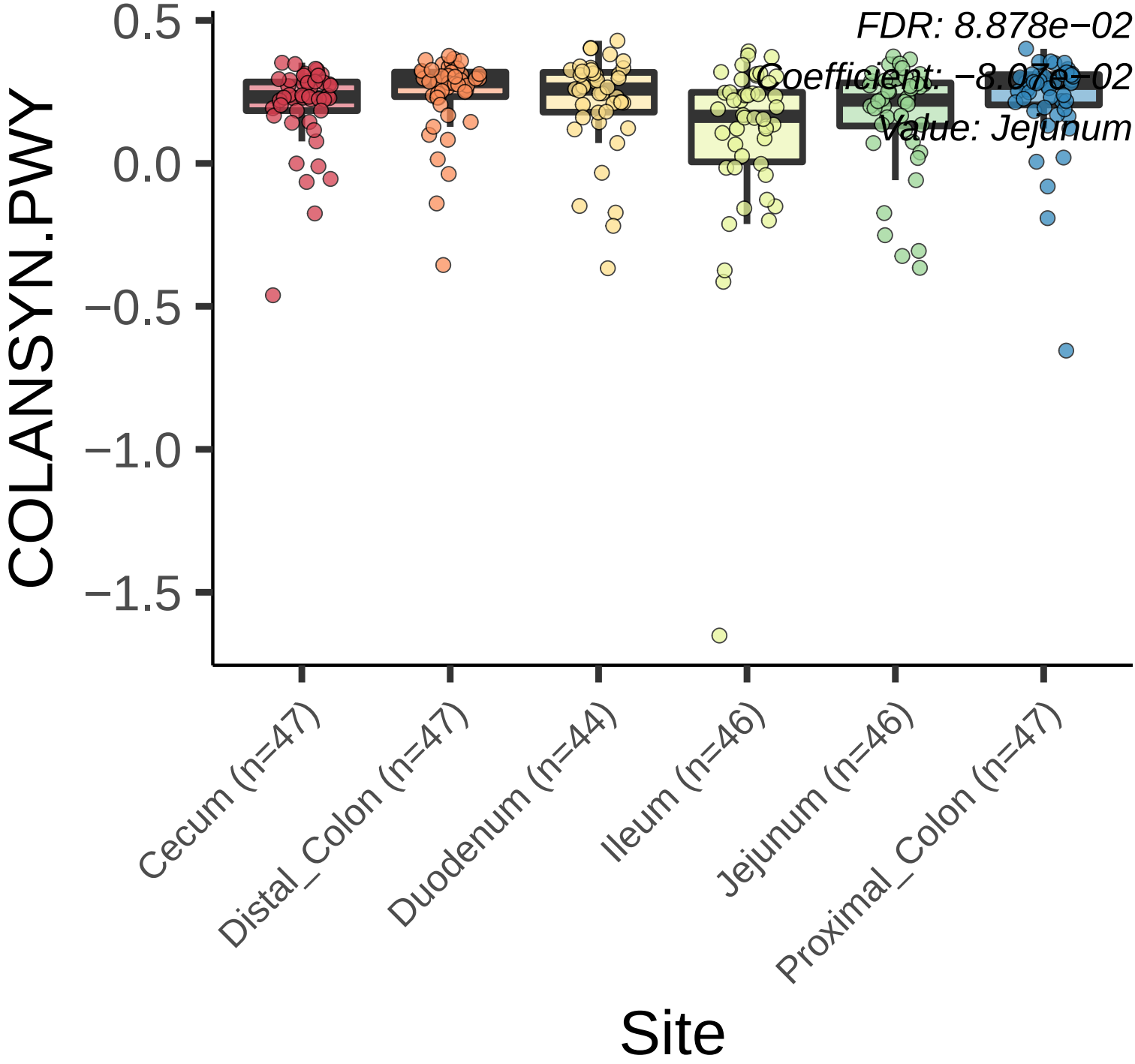
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.872e−02
Coefficient: 3.35e−02
Value: Jejunum
PWY.7200
0.6
0.4
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.878e−02
Coefficient: −8.076e−02
Value: Jejunum
COLANSYN.PWY
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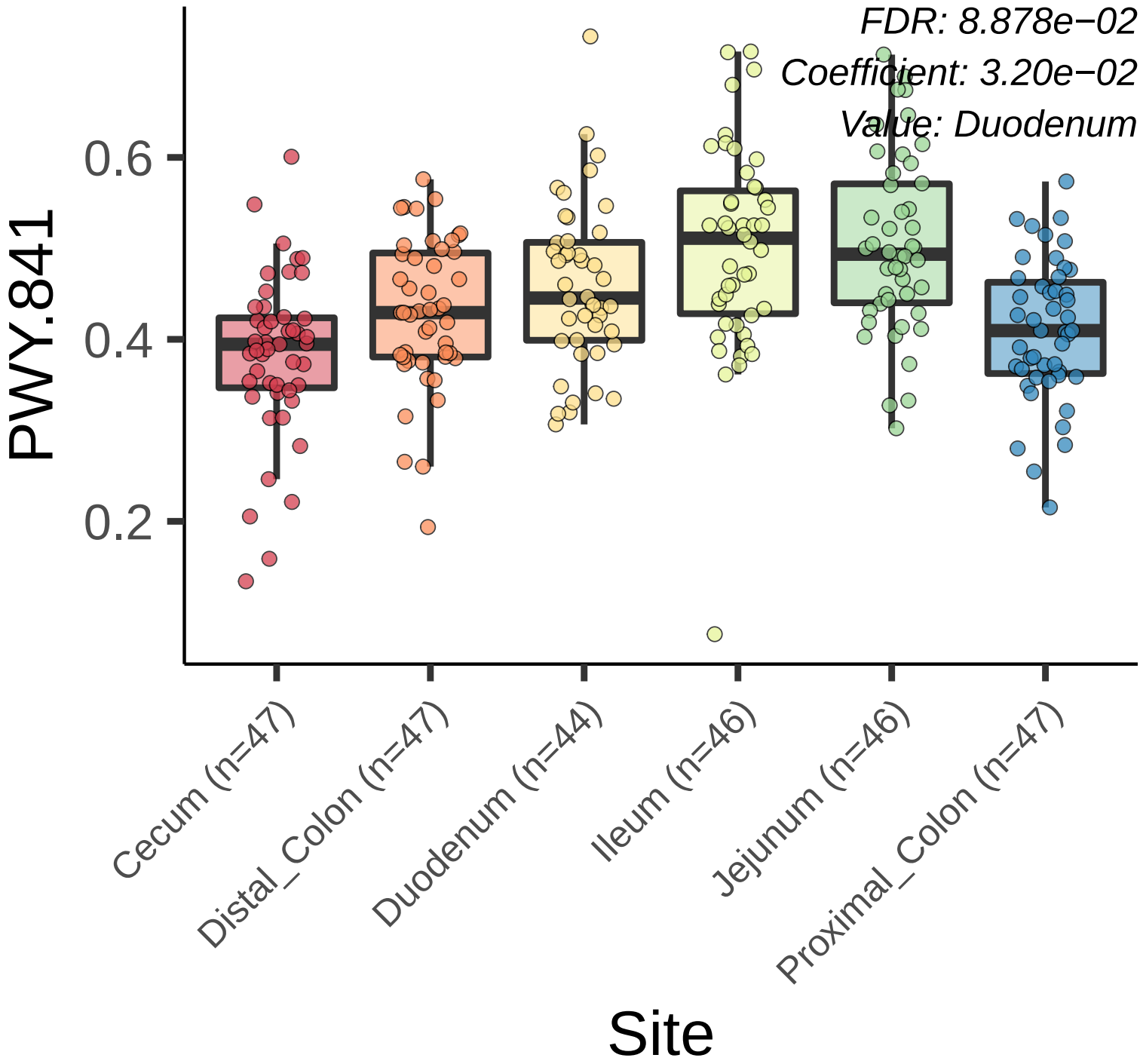
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.20e−02
Value: Duodenum
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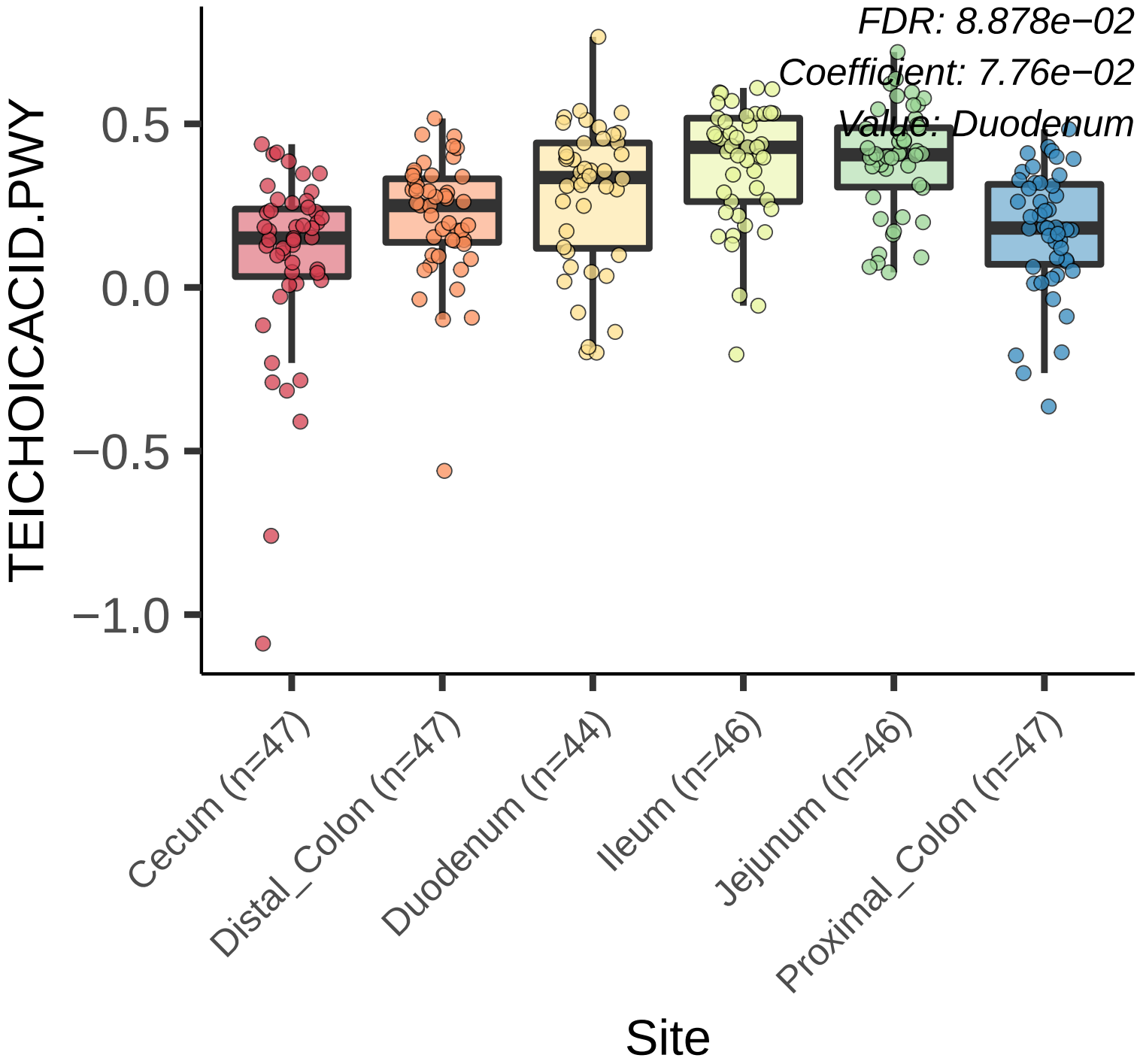
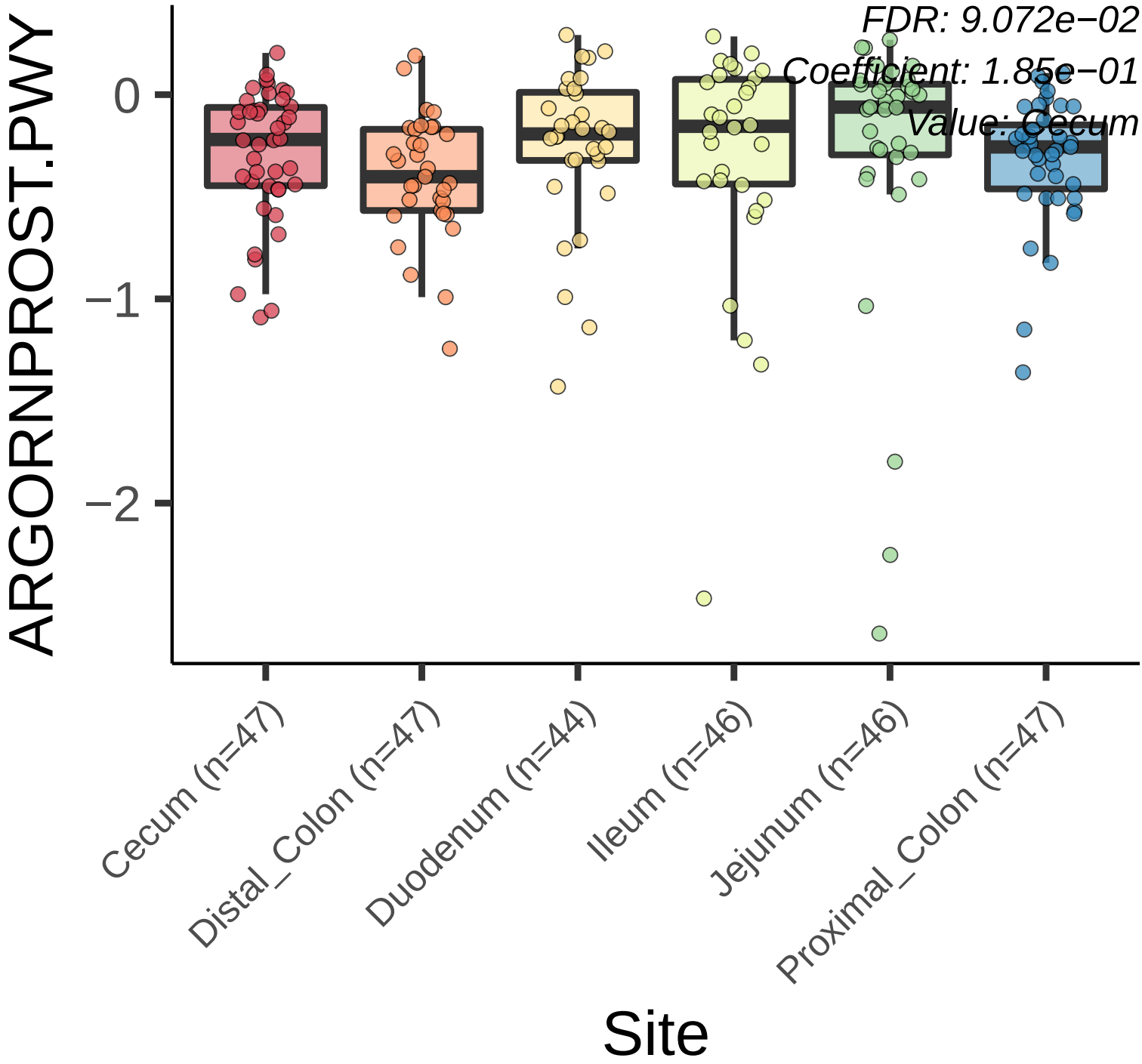
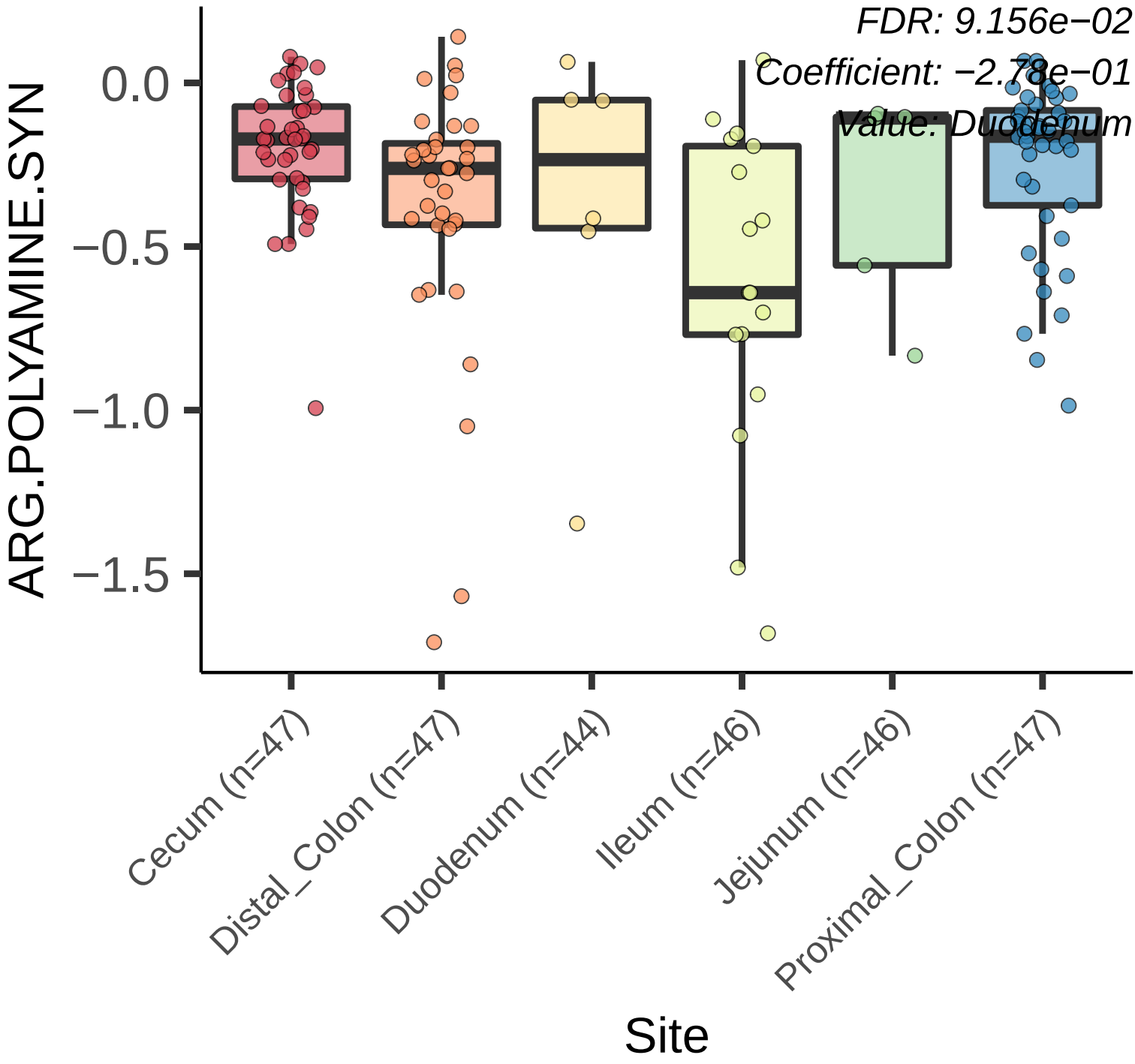
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 8.878e−02
Coefficient: 7.76e−02
Value: Duodenum
TEICHOICACID.PWY
0.5
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.072e−02
Coefficient: 1.85e−01
Value: Cecum
ARGORNPROST.PWY
0
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −2.78e−01
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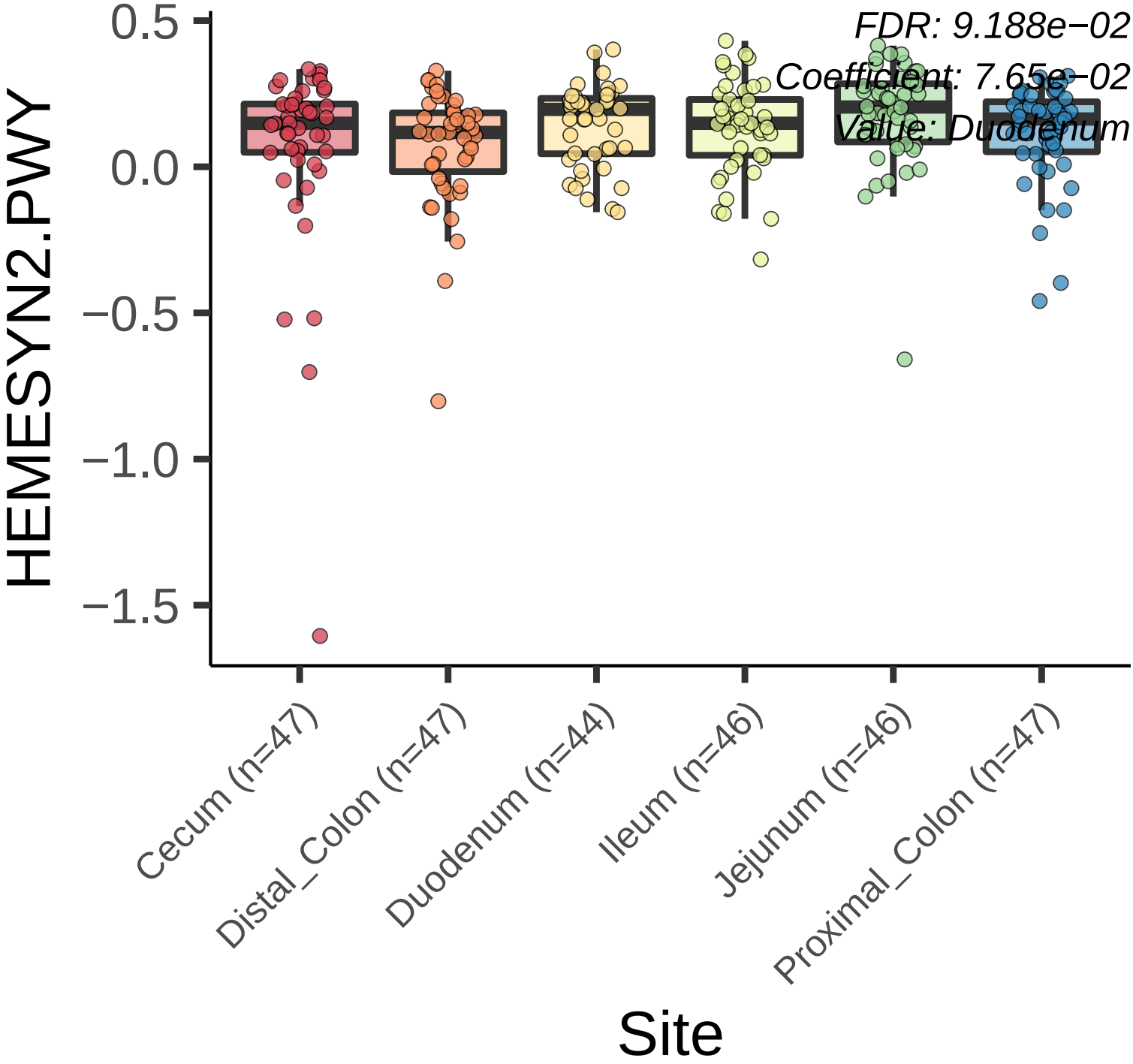
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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HEMESYN2.PWY
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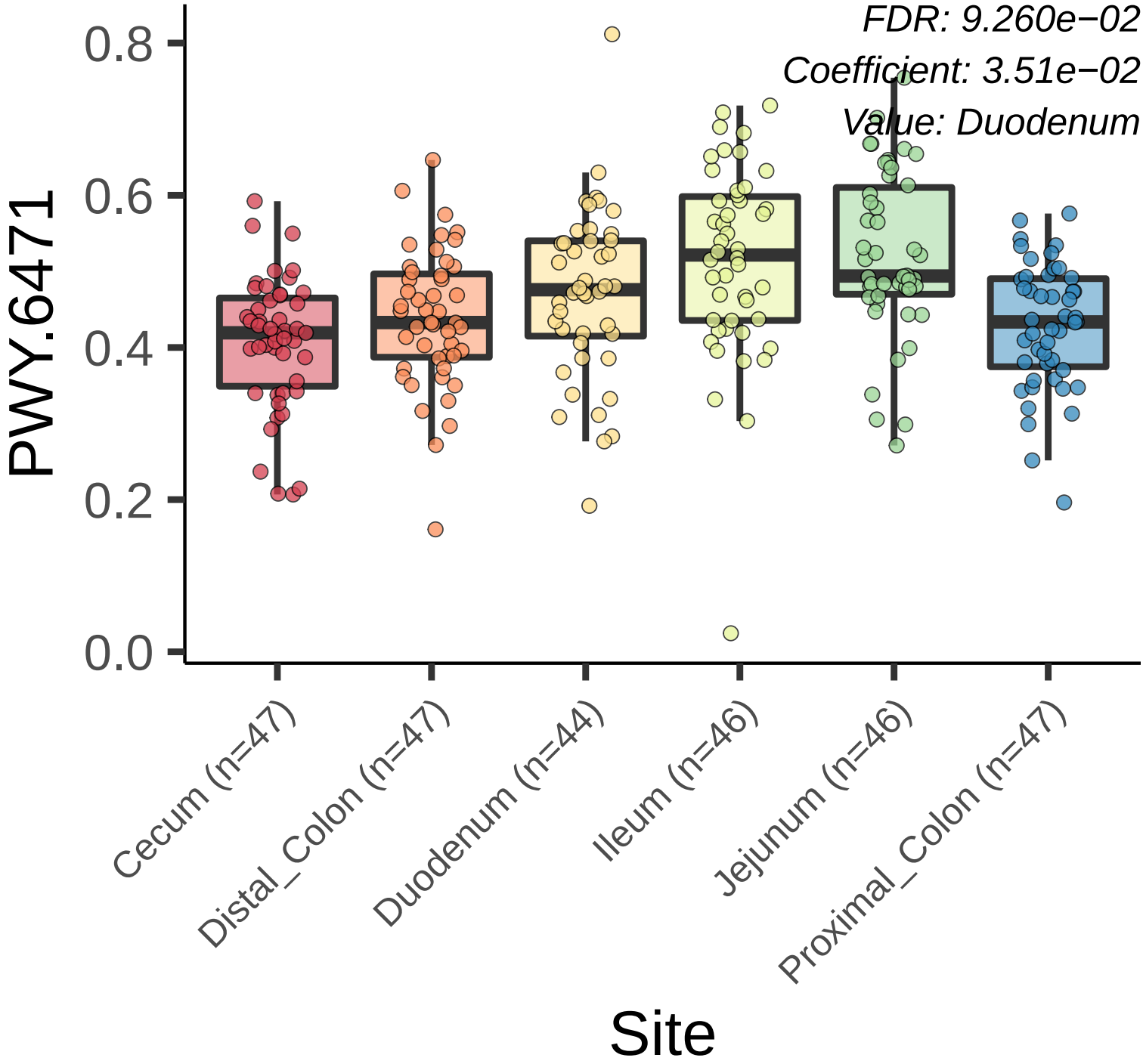
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.260e−02
Coefficient: 3.51e−02
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PWY.6471
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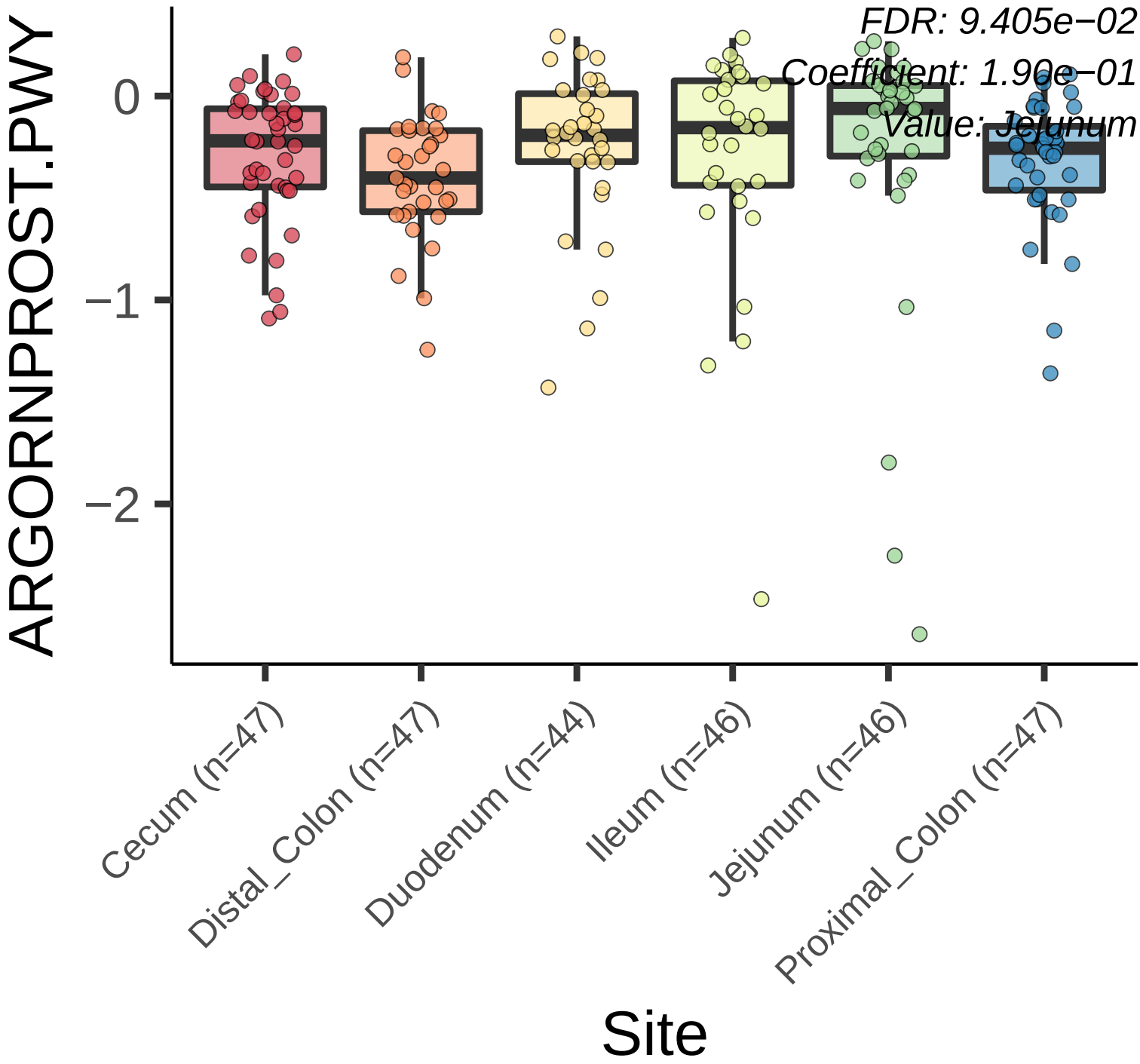
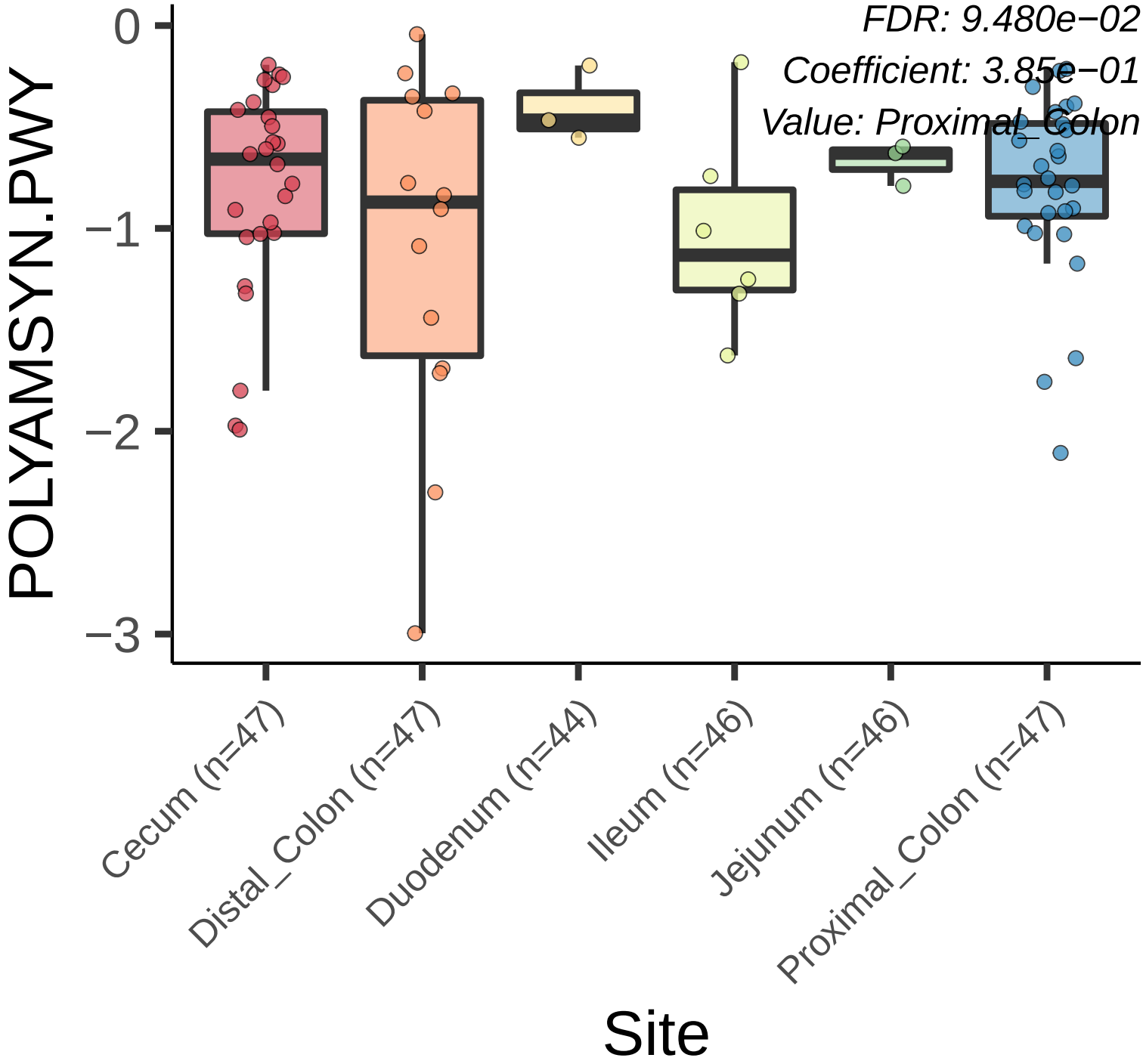
0.2
0.4
0.6
0.8
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.405e−02
Coefficient: 1.90e−01
Value: Jejunum
ARGORNPROST.PWY
0
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.480e−02
Coefficient: 3.85e−01
Value: Proximal_Colon
POLYAMSYN.PWY
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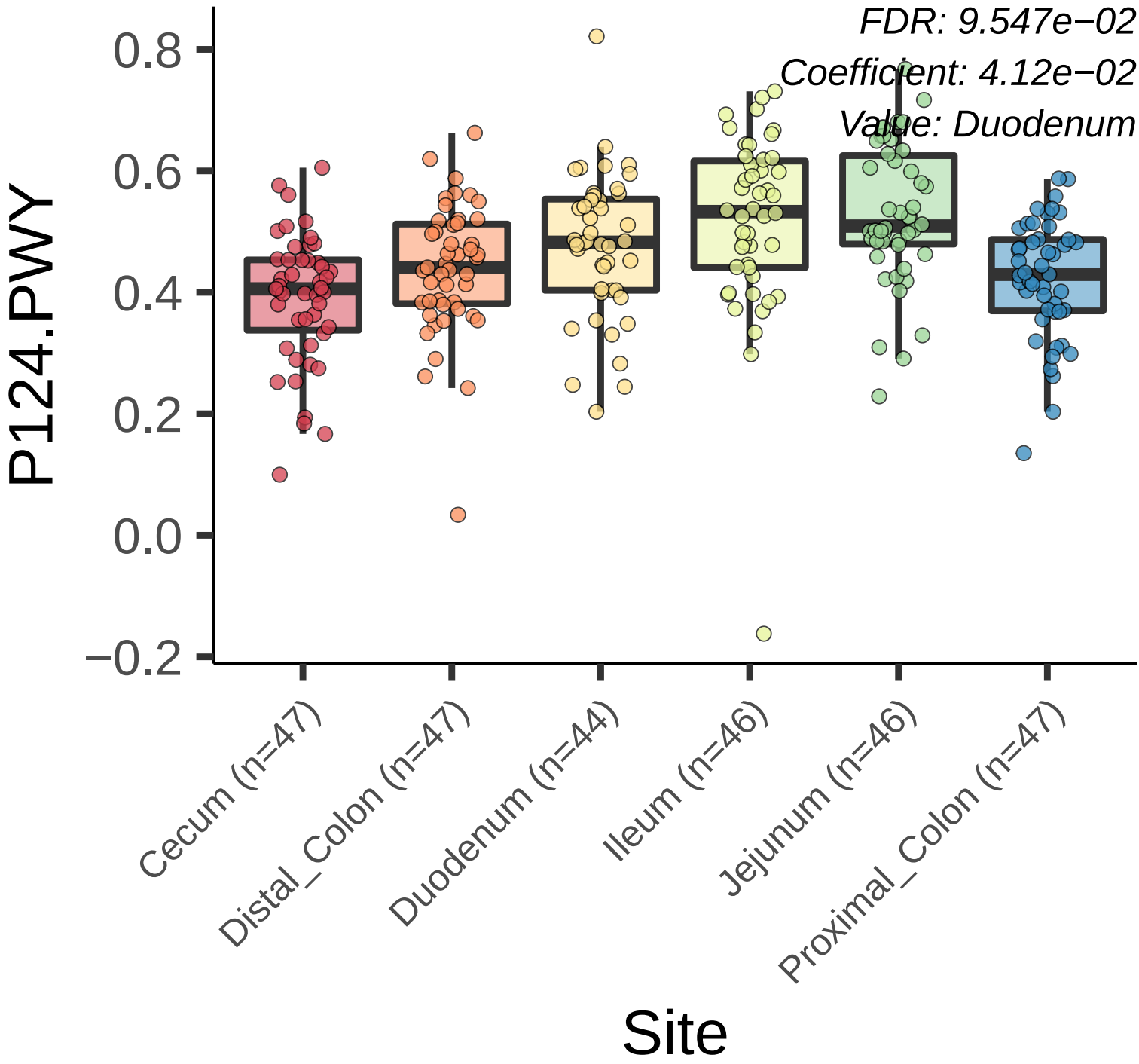
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 4.12e−02
Value: Duodenum
P124.PWY
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0.4
0.2
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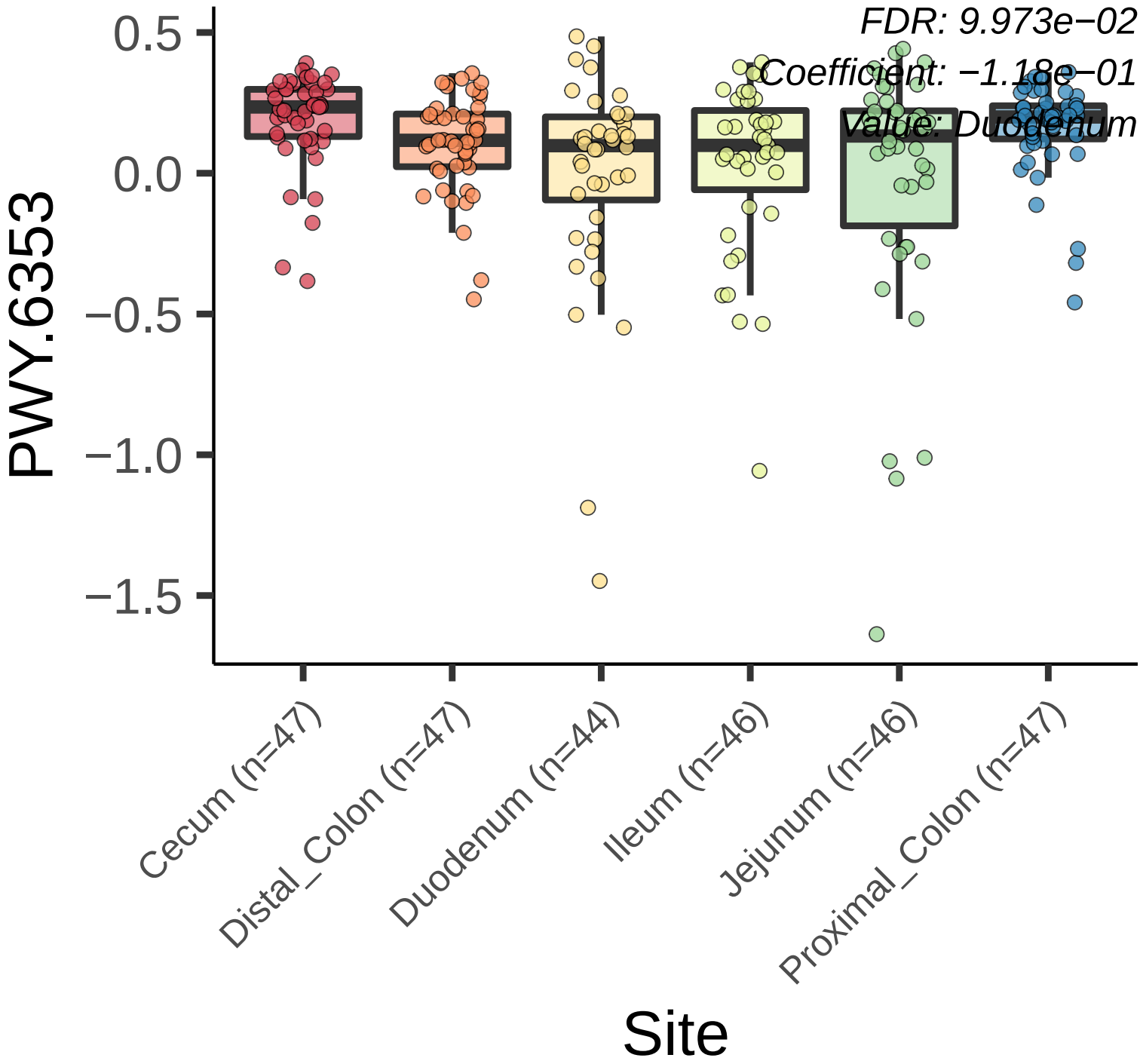
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 9.973e−02
Coefficient: −1.18e−01
Value: Duodenum
PWY.6353
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−0.5
−1.0
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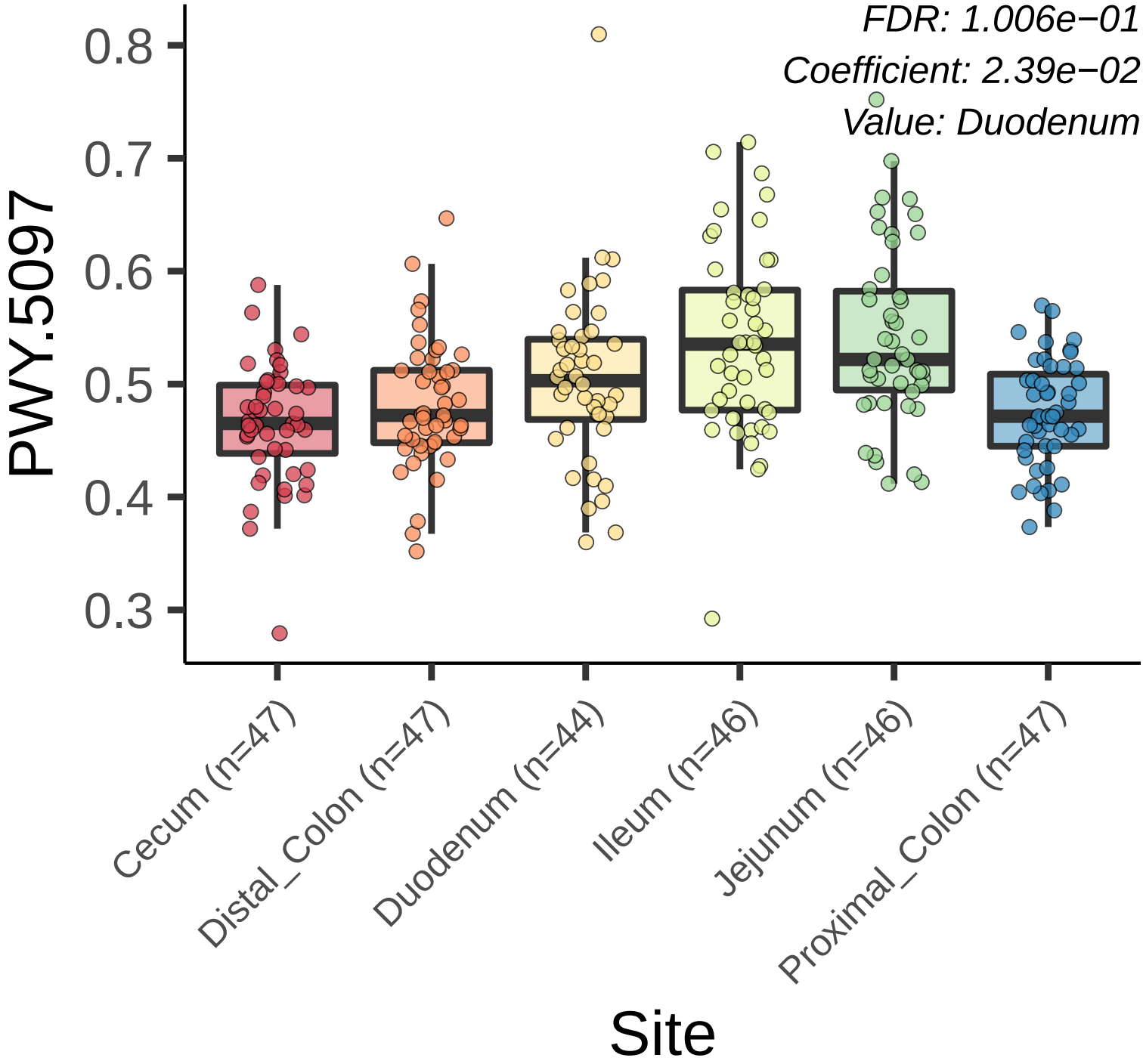
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.006e−01
Coefficient: 2.39e−02
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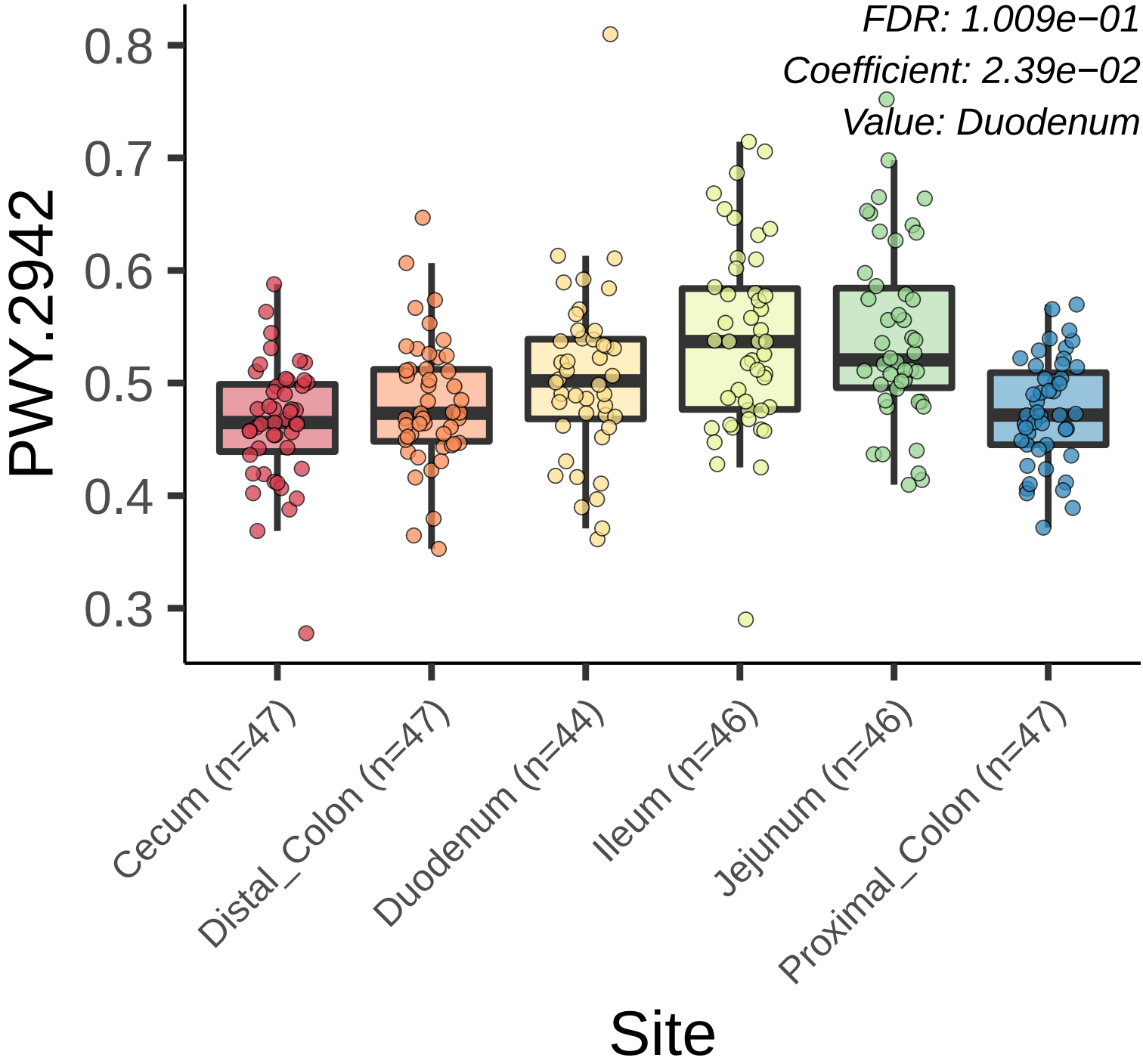
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.009e−01
Coefficient: 2.39e−02
Value: Duodenum
PWY.2942
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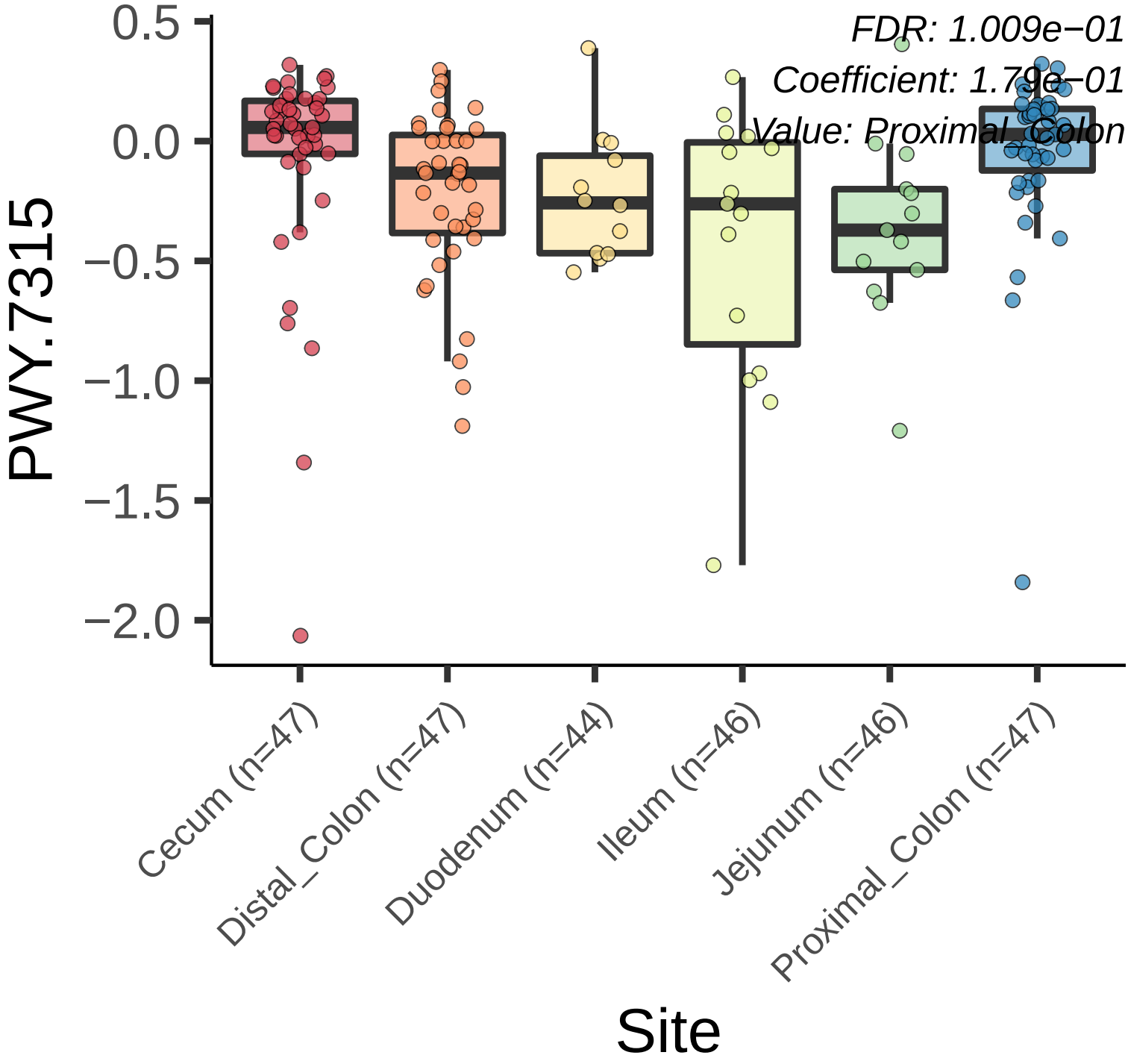
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.009e−01
Coefficient: 1.79e−01
Value: Proximal_Colon
PWY.7315
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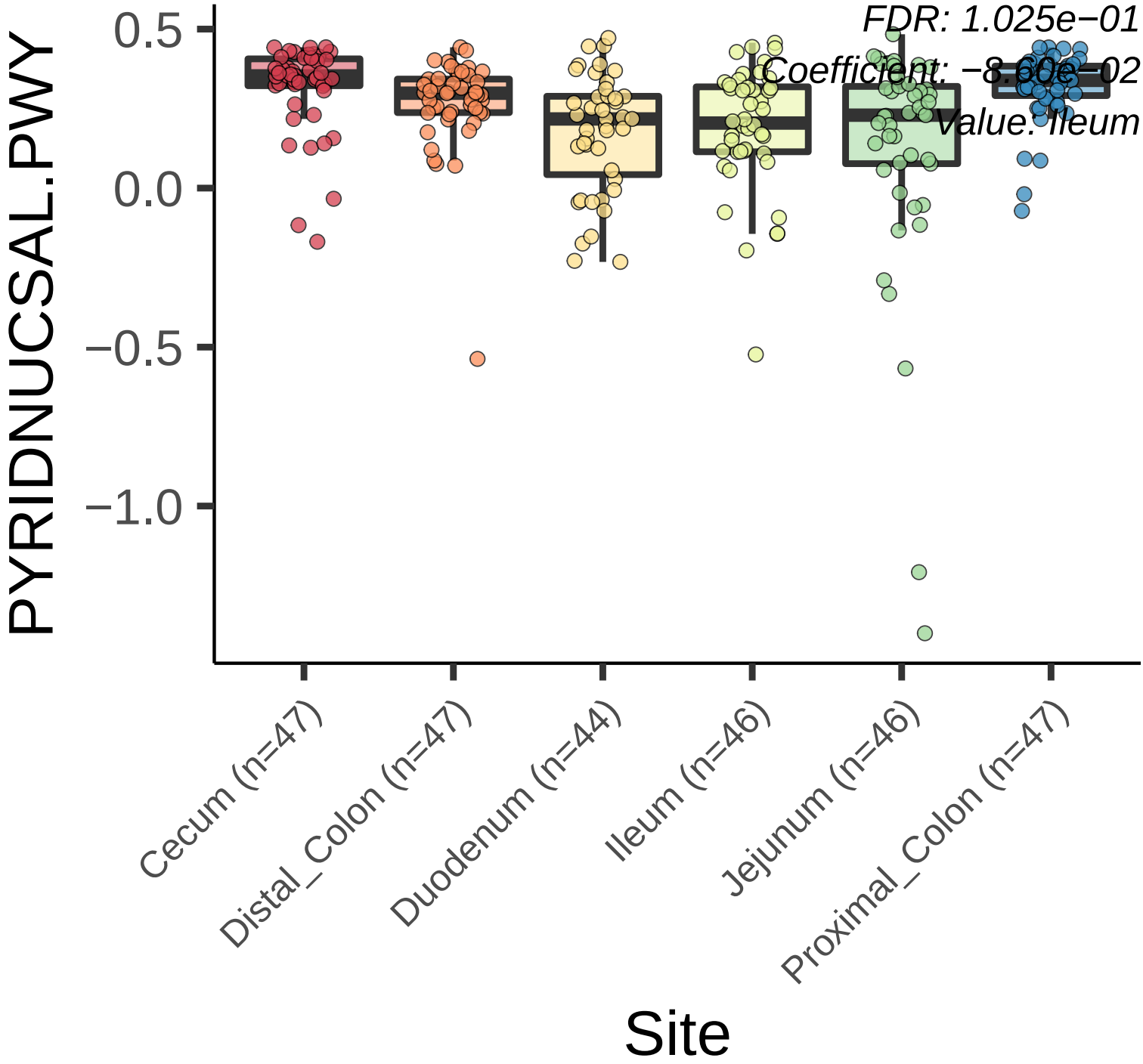
0.0
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.025e−01
Coefficient: −8.60e−02
Value: Ileum
PYRIDNUCSAL.PWY
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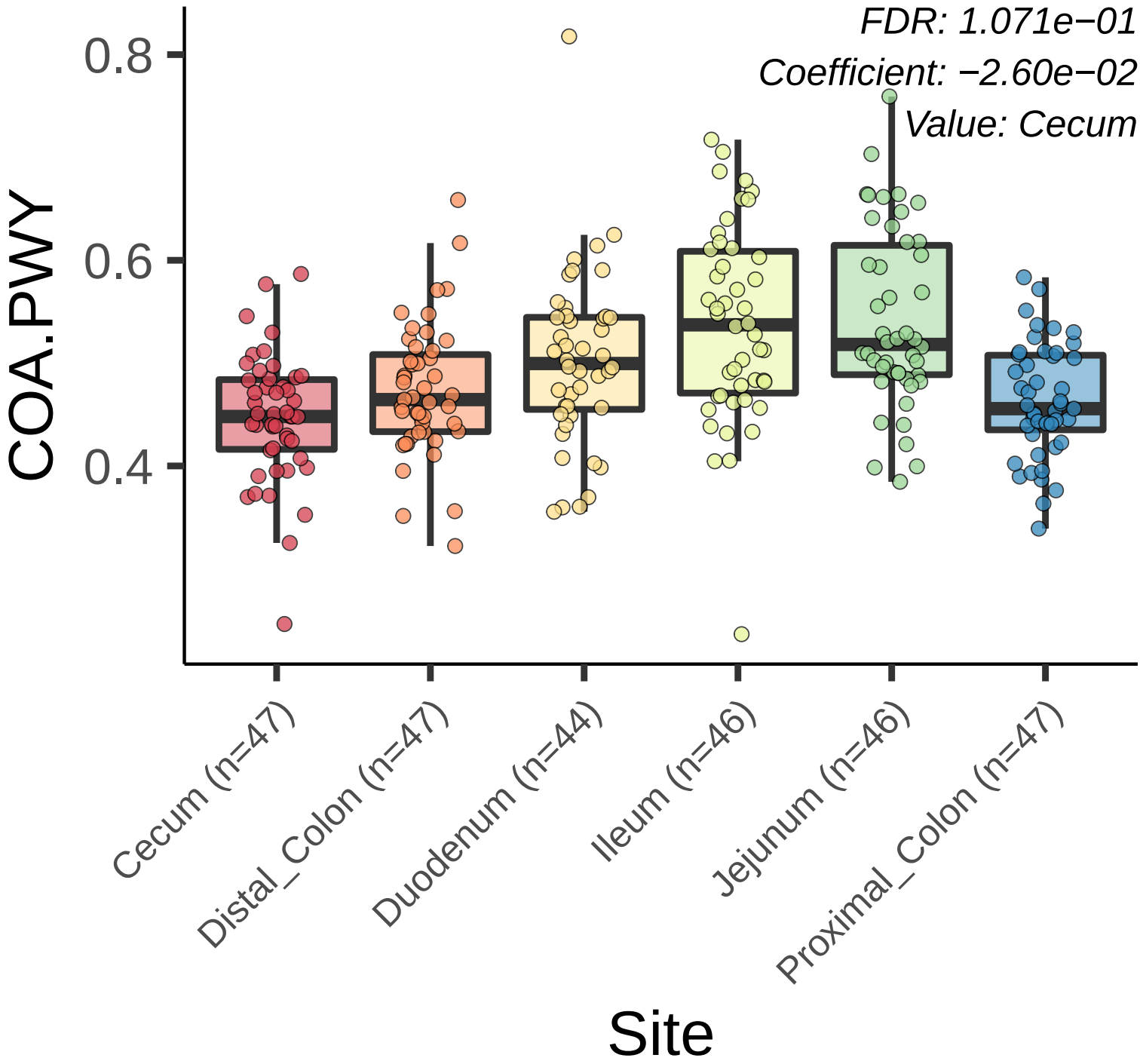
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.071e−01
Coefficient: −2.60e−02
Value: Cecum
COA.PWY
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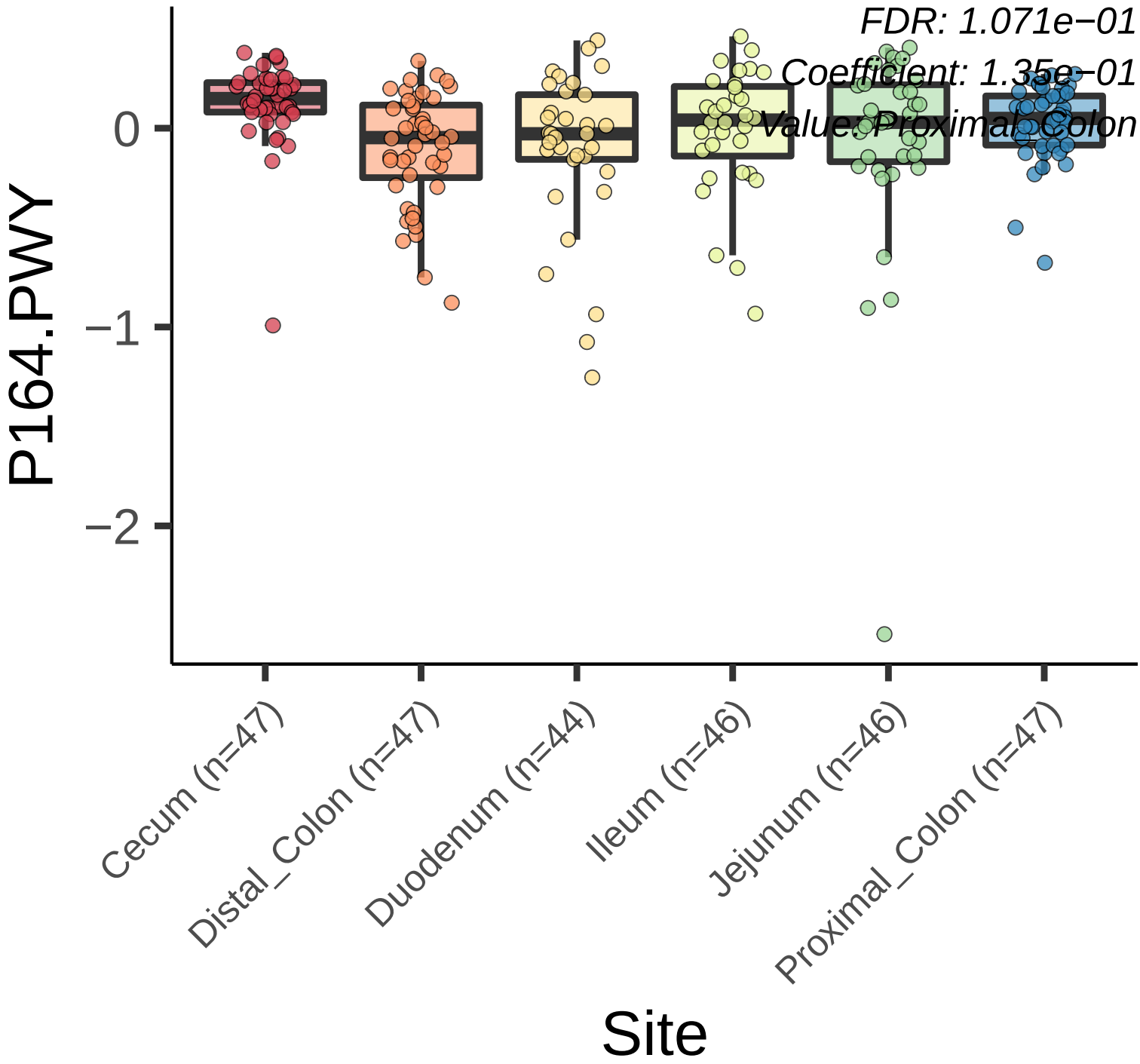
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.071e−01
Coefficient: 1.35e−01
Value: Proximal_Colon
P164.PWY
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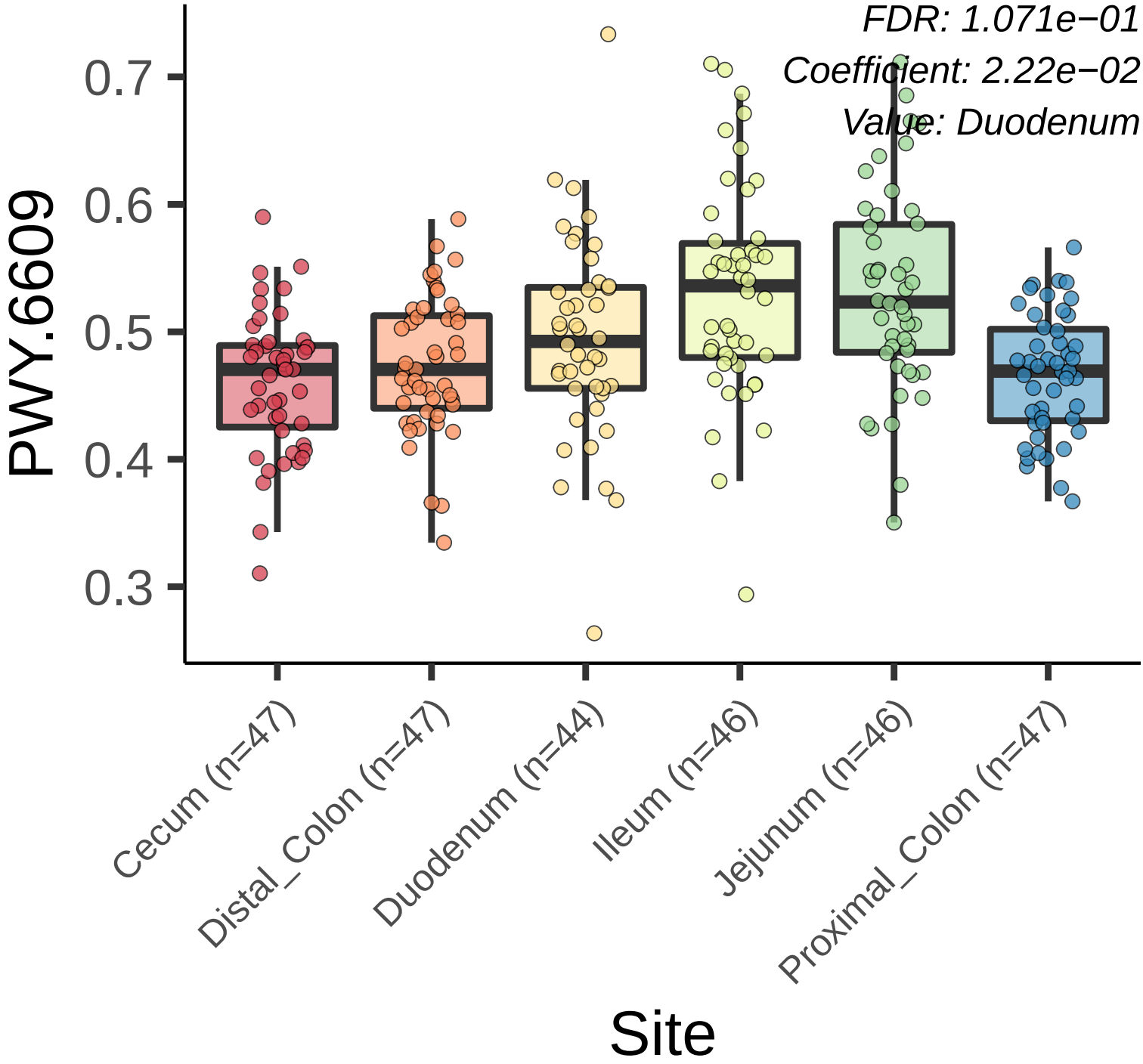
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.071e−01
Coefficient: 2.22e−02
Value: Duodenum
PWY.6609
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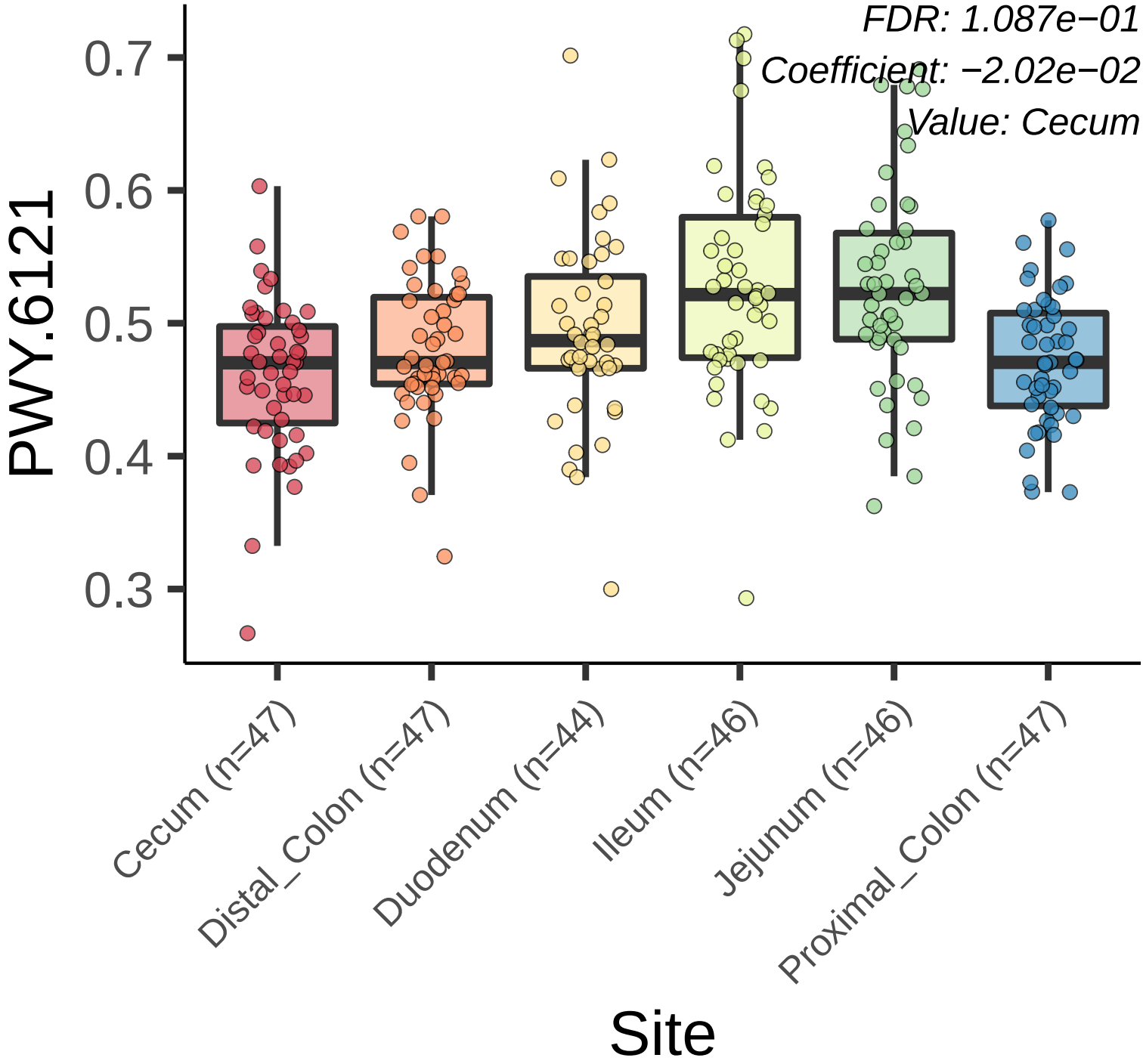
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.087e−01
Coefficient: −2.02e−02
Value: Cecum
PWY.6121
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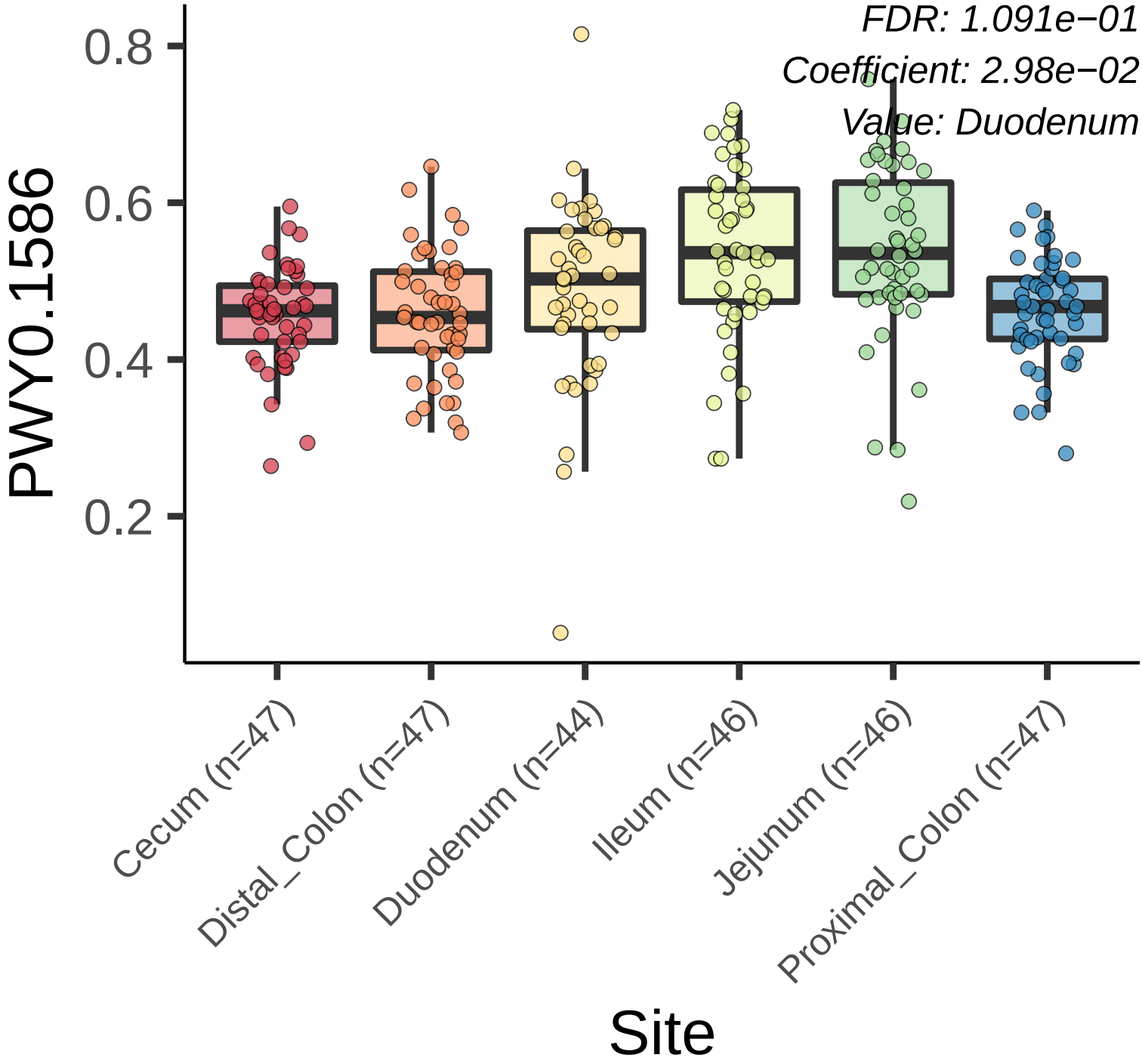
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.98e−02
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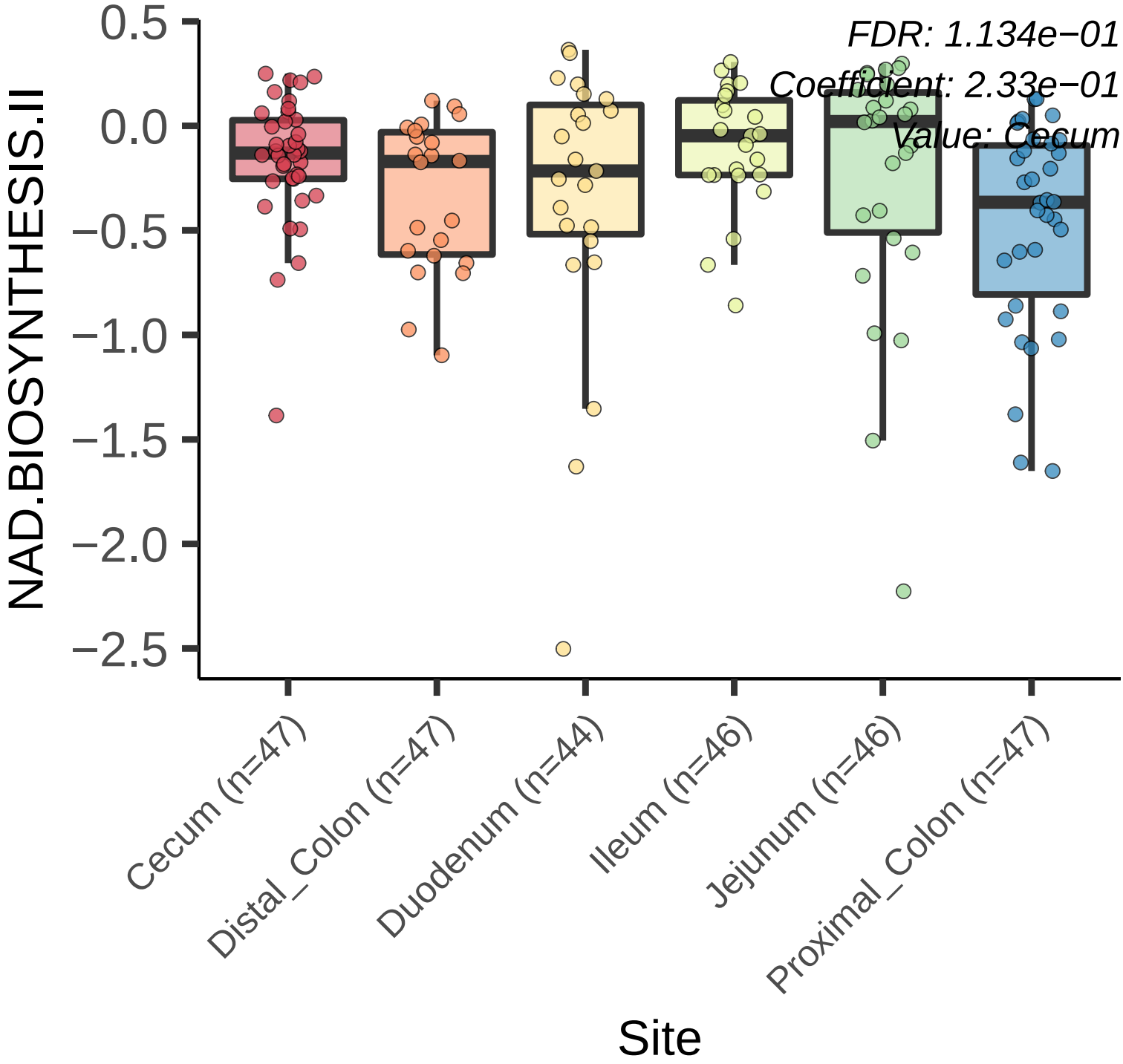
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.33e−01
Value: Cecum
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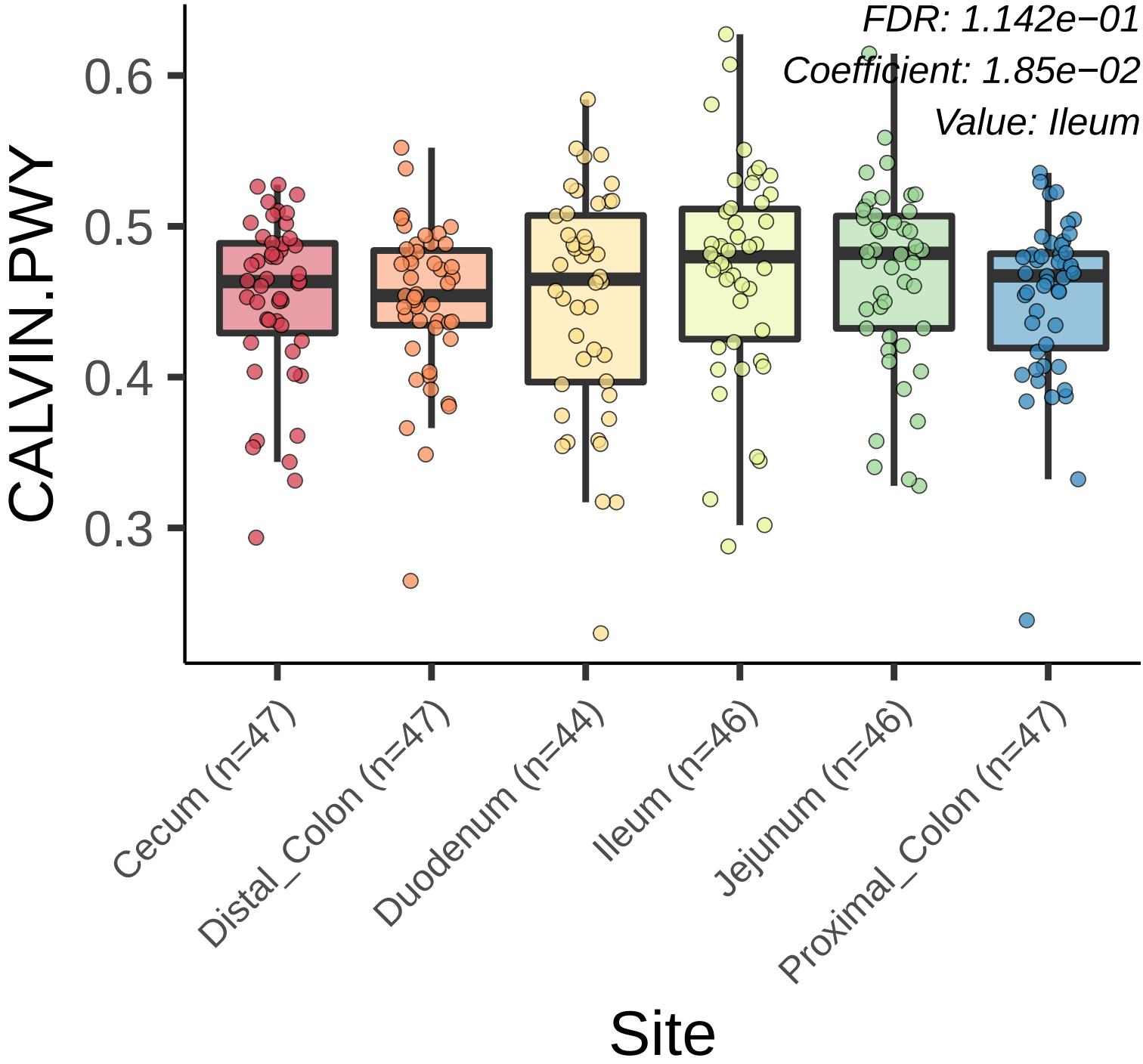
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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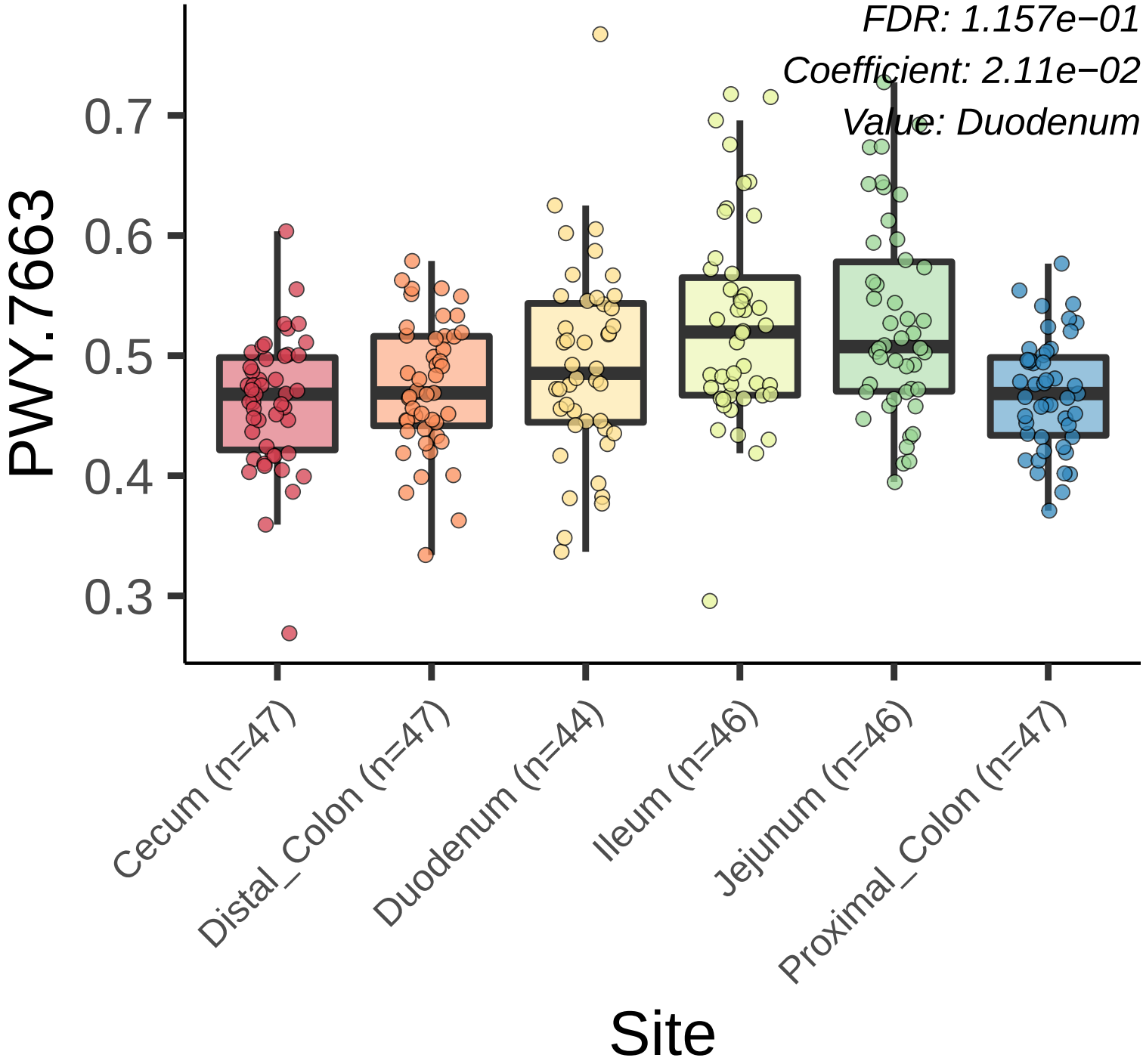
Coefficient: 1.85e−02
Value: Ileum
CALVIN.PWY
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 2.11e−02
Value: Duodenum
PWY.7663
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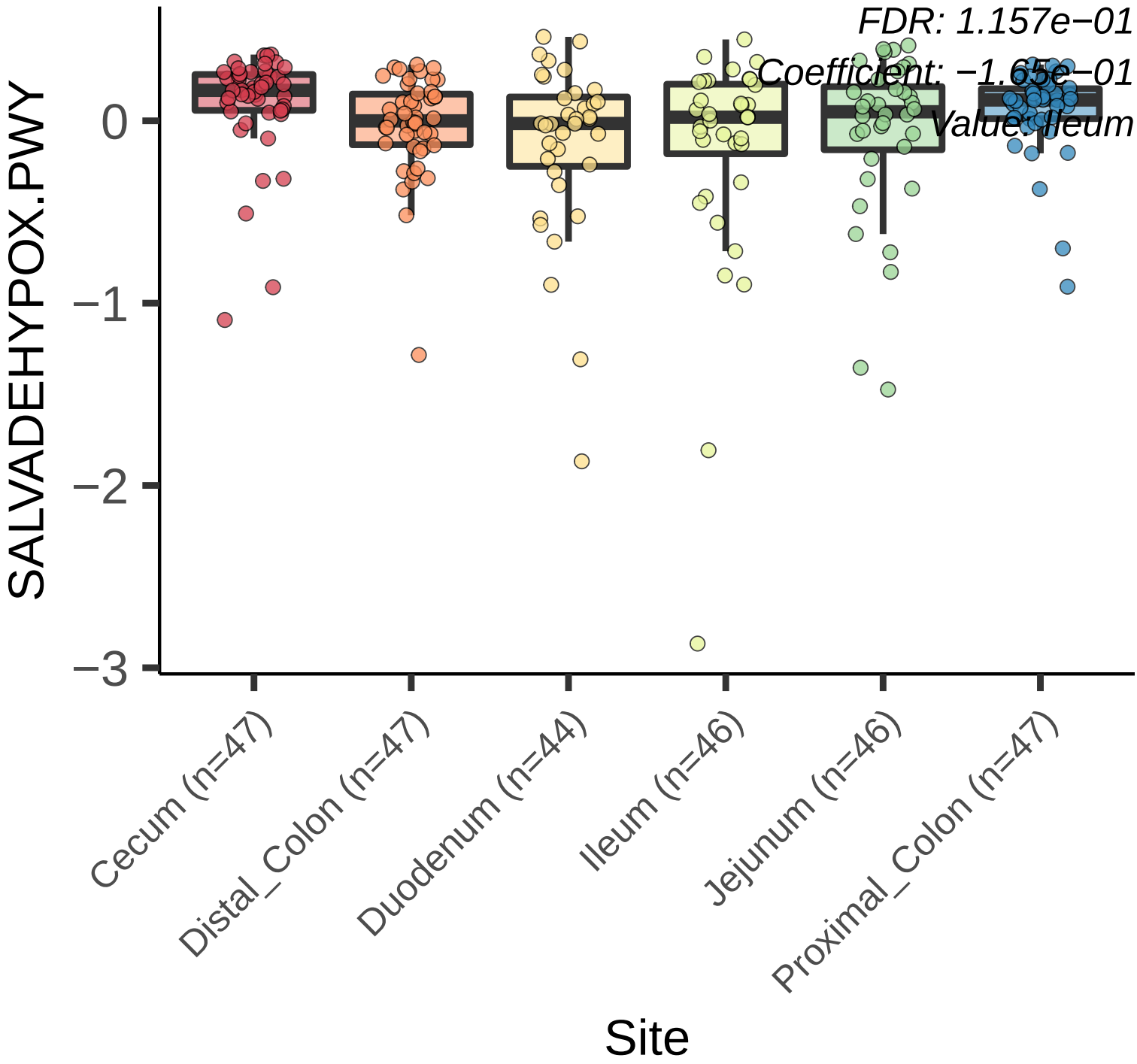
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.65e−01
Value: Ileum
SALVADEHYPOX.PWY
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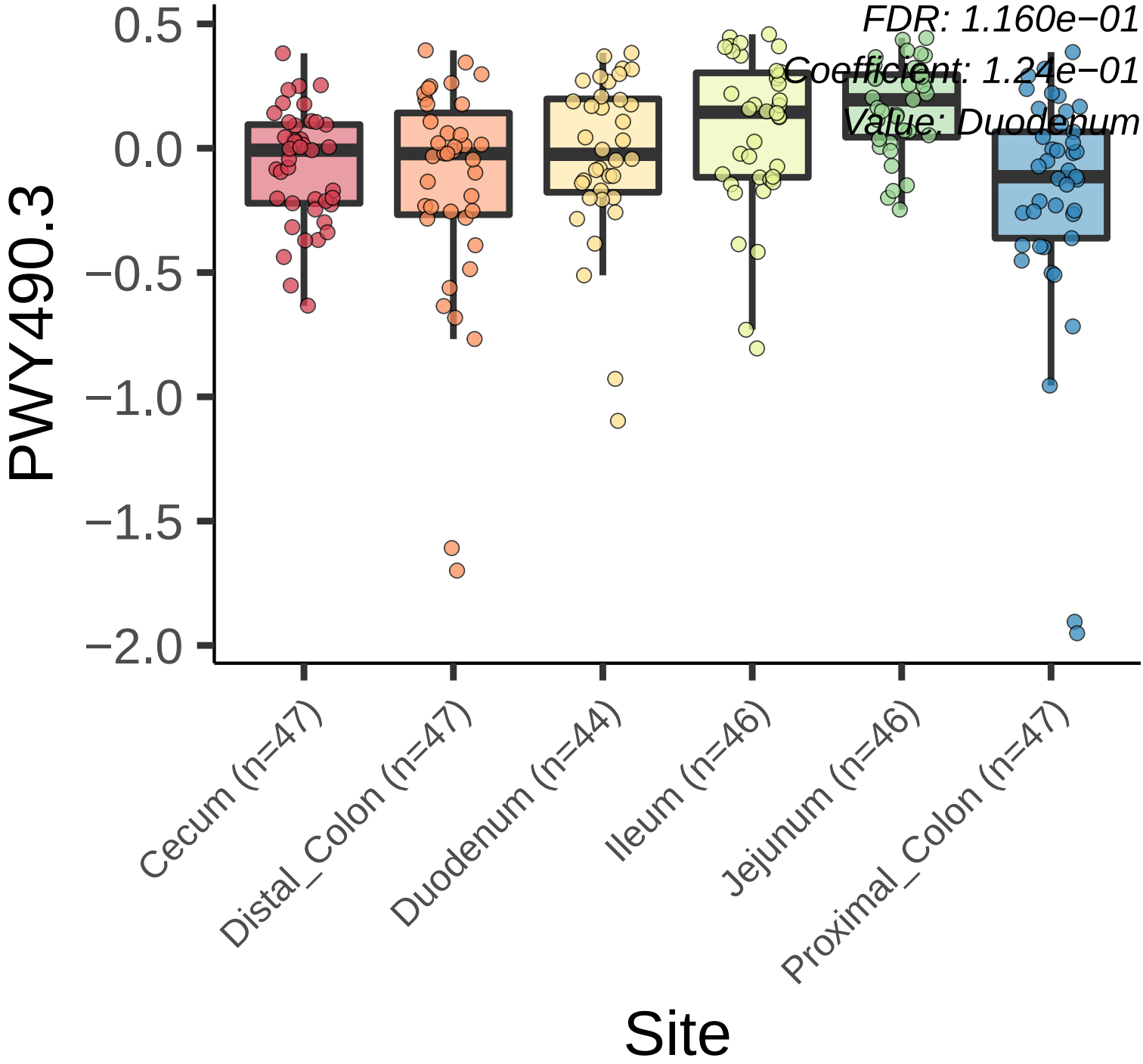
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Duodenum
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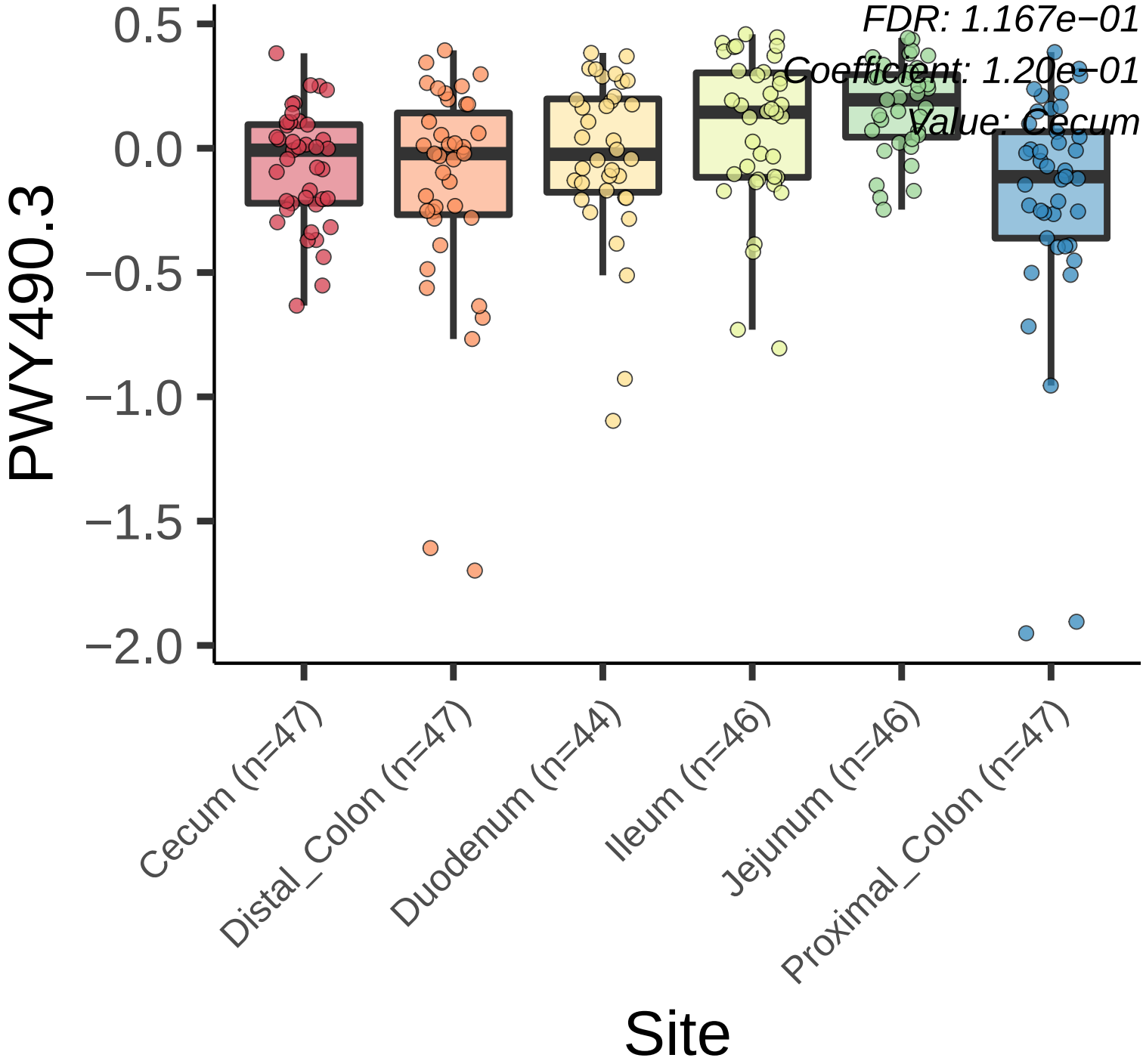
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Value: Cecum
PWY490.3
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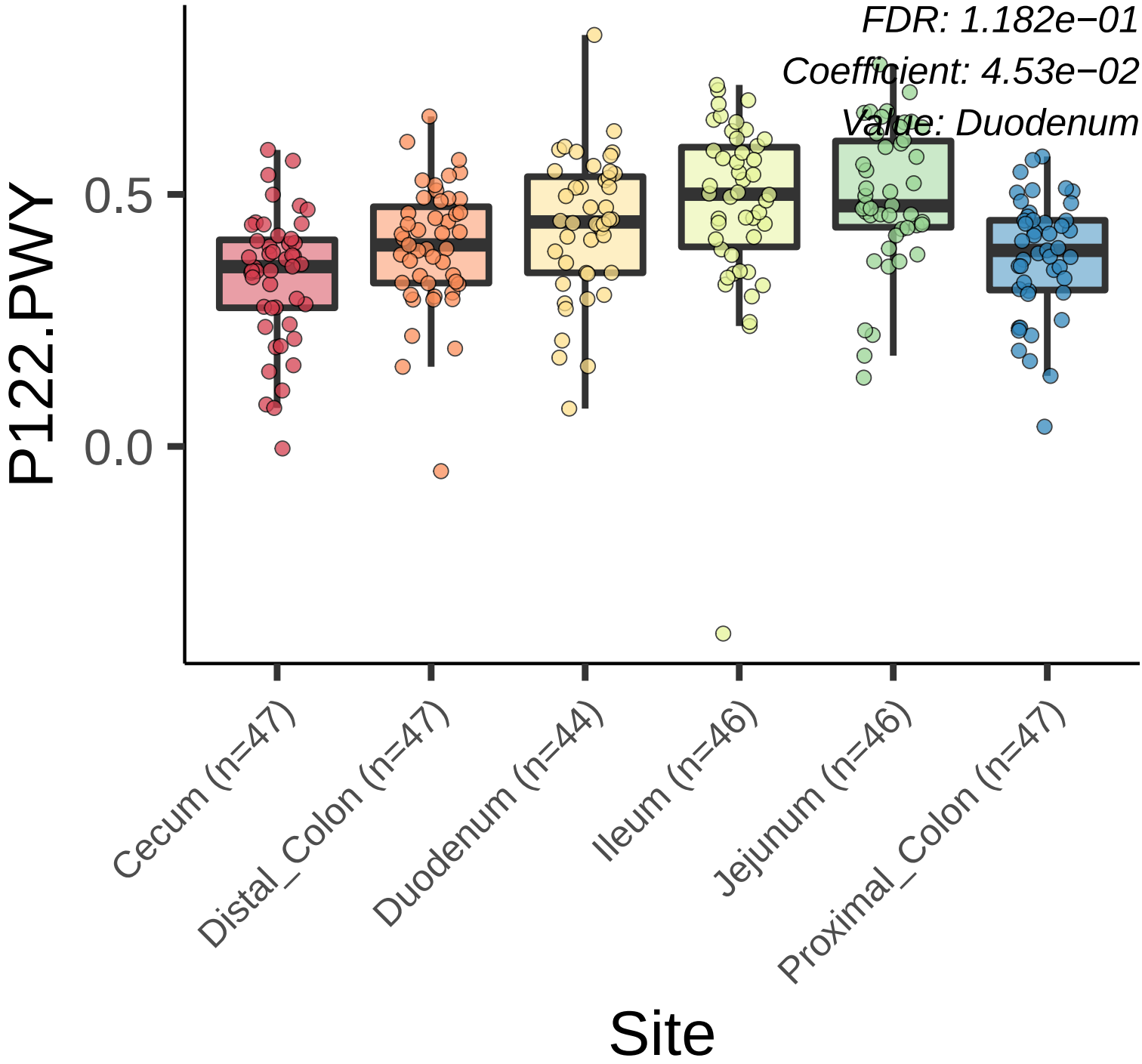
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 4.53e−02
Value: Duodenum
P122.PWY
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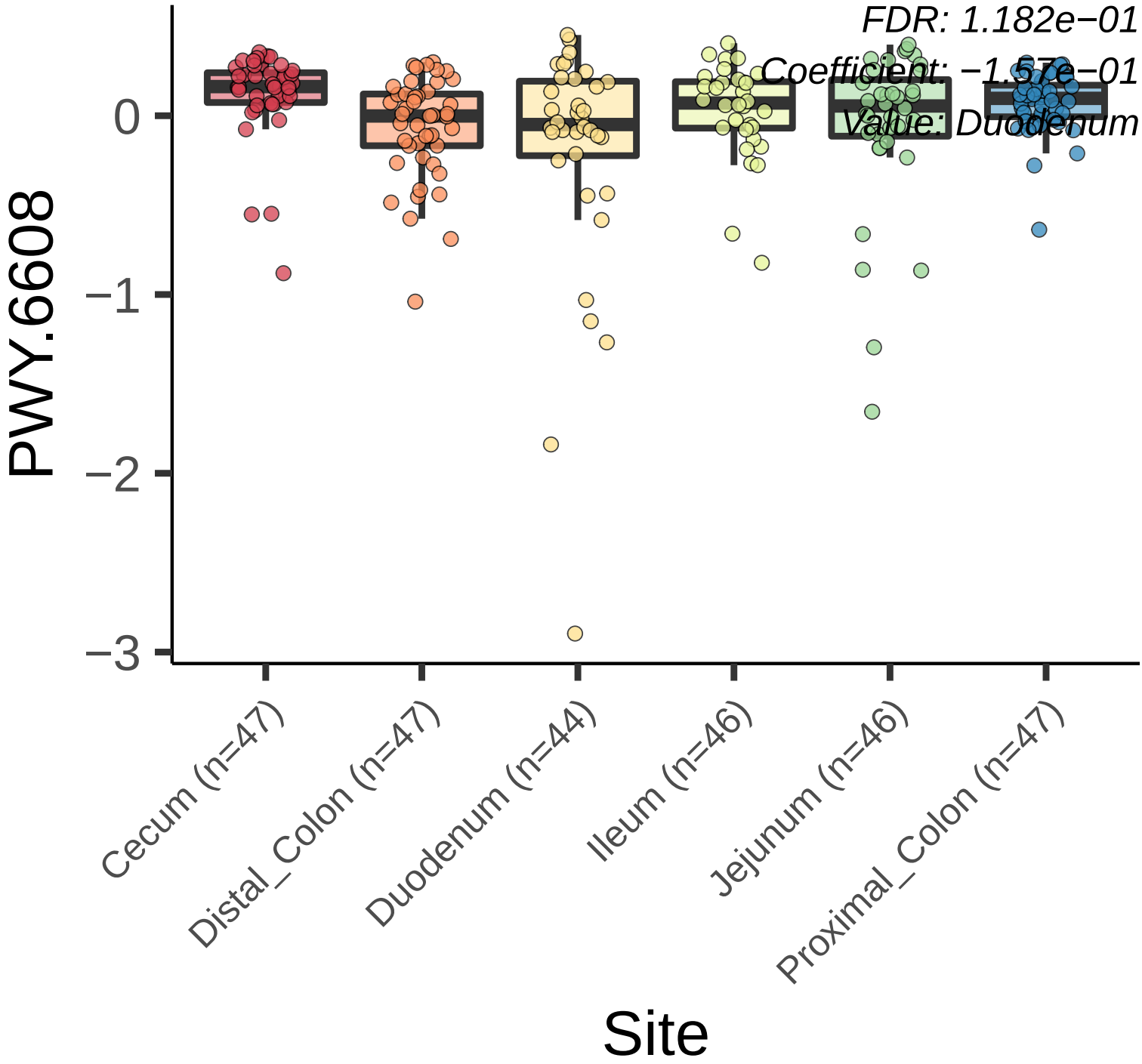
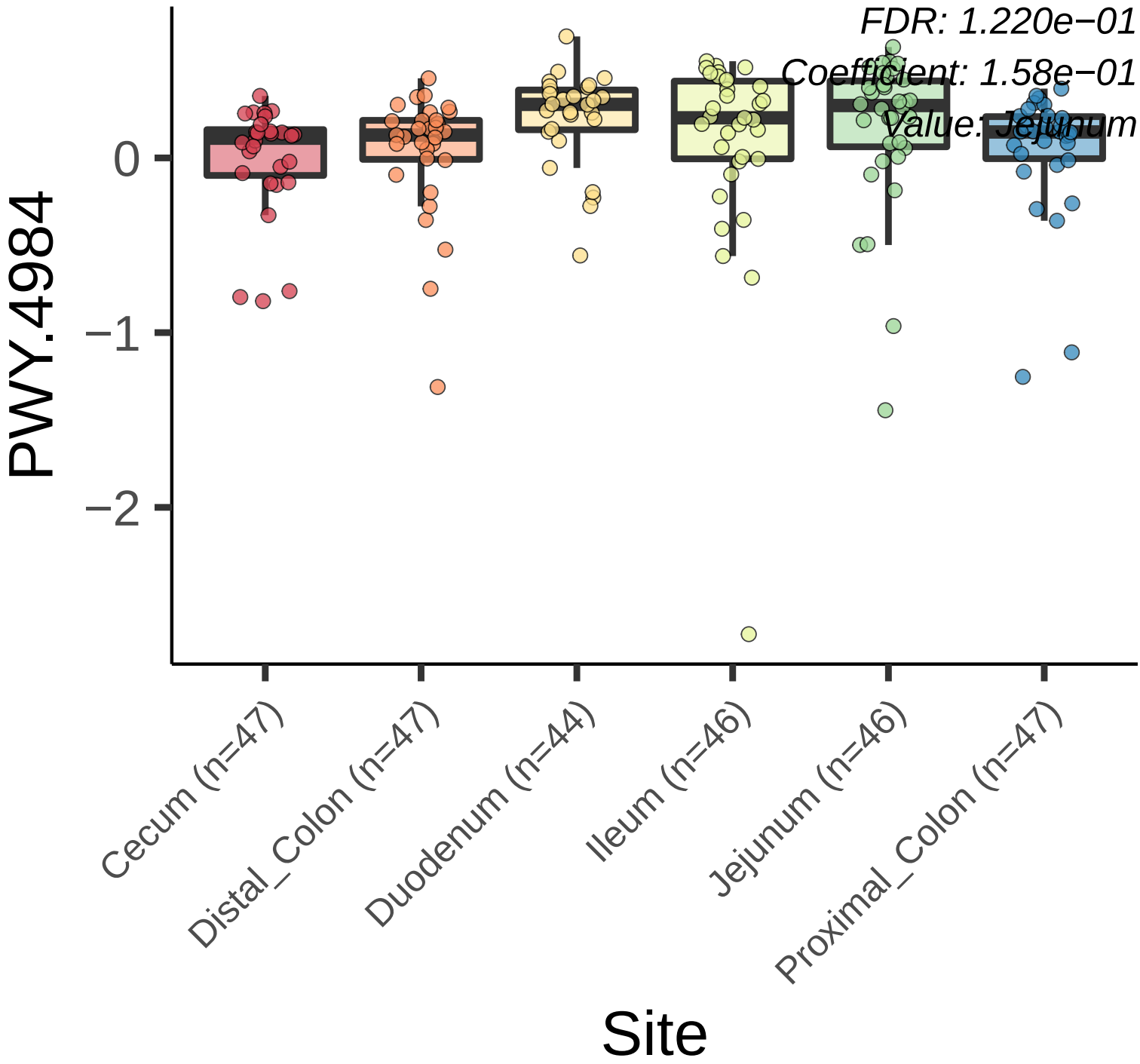
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.182e−01
Coefficient: −1.576e−01
Value: Duodenum
PWY.6608
0
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.58e−01
Value: Jejunum
PWY.4984
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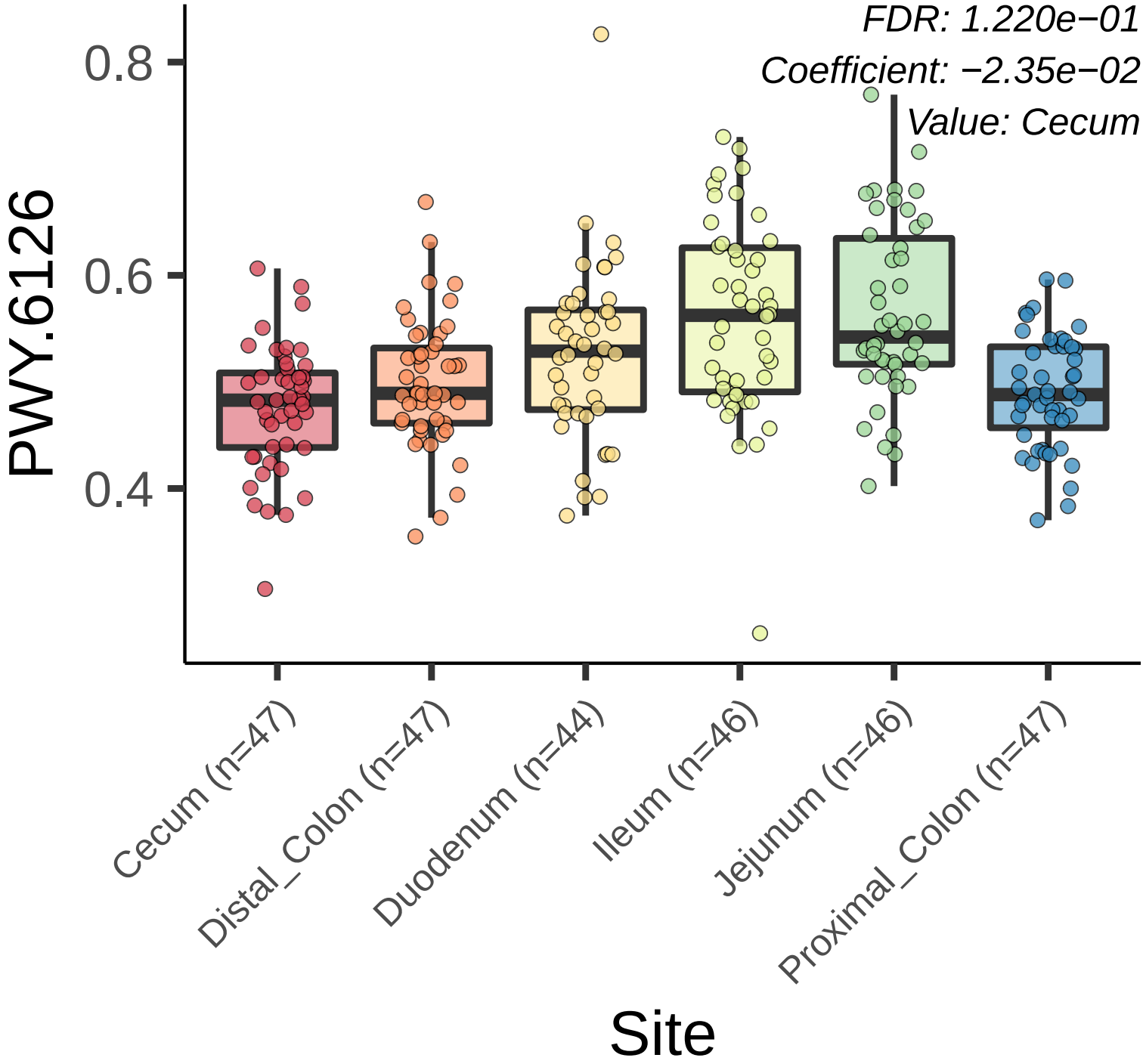
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.220e−01
Coefficient: −2.35e−02
Value: Cecum
PWY.6126
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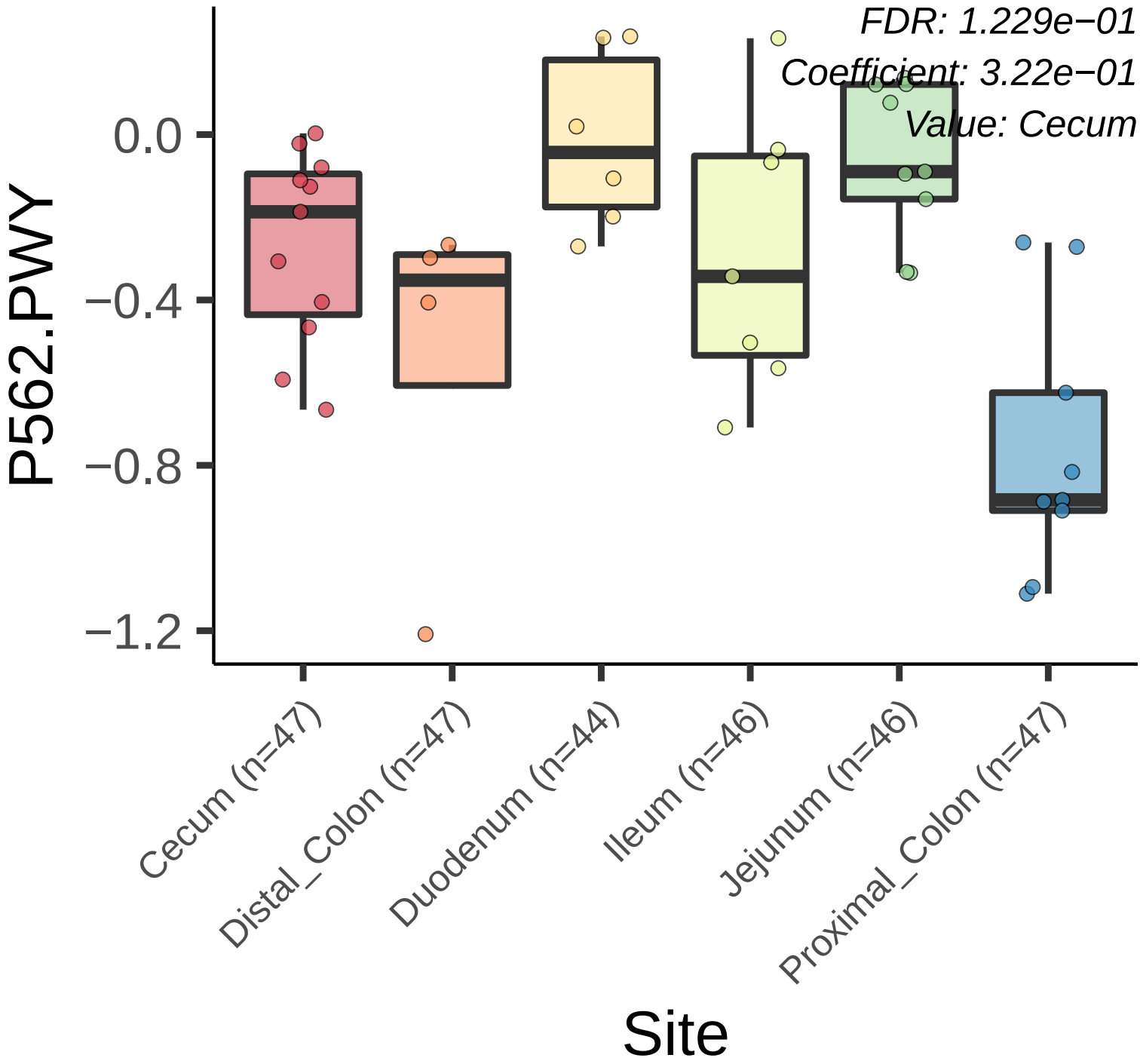
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.229e−01
Coefficient: 3.22e−01
Value: Cecum
P562.PWY
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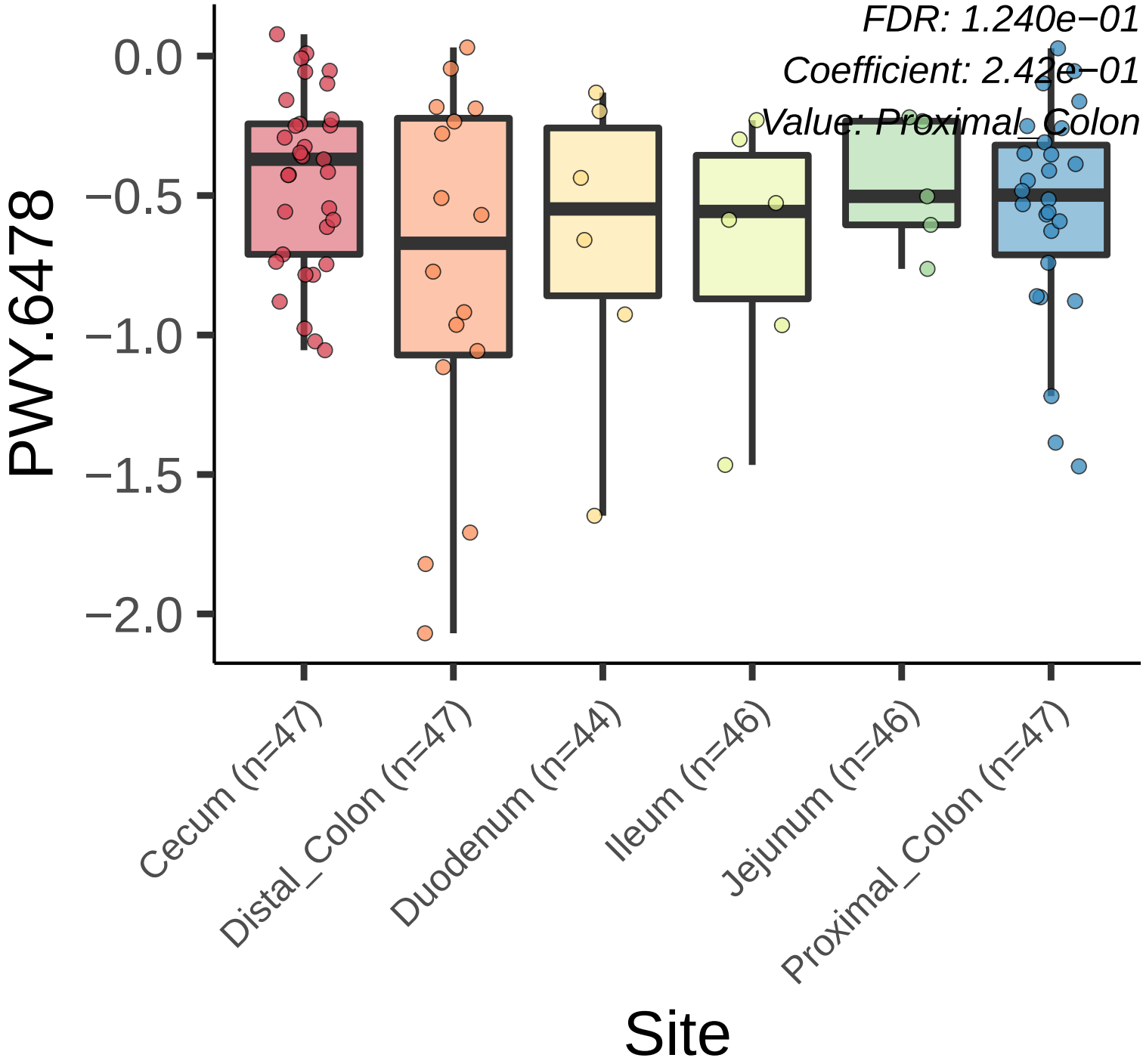
−0.4
−0.8
−1.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.240e−01
Coefficient: 2.42e−01
Value: Proximal_Colon
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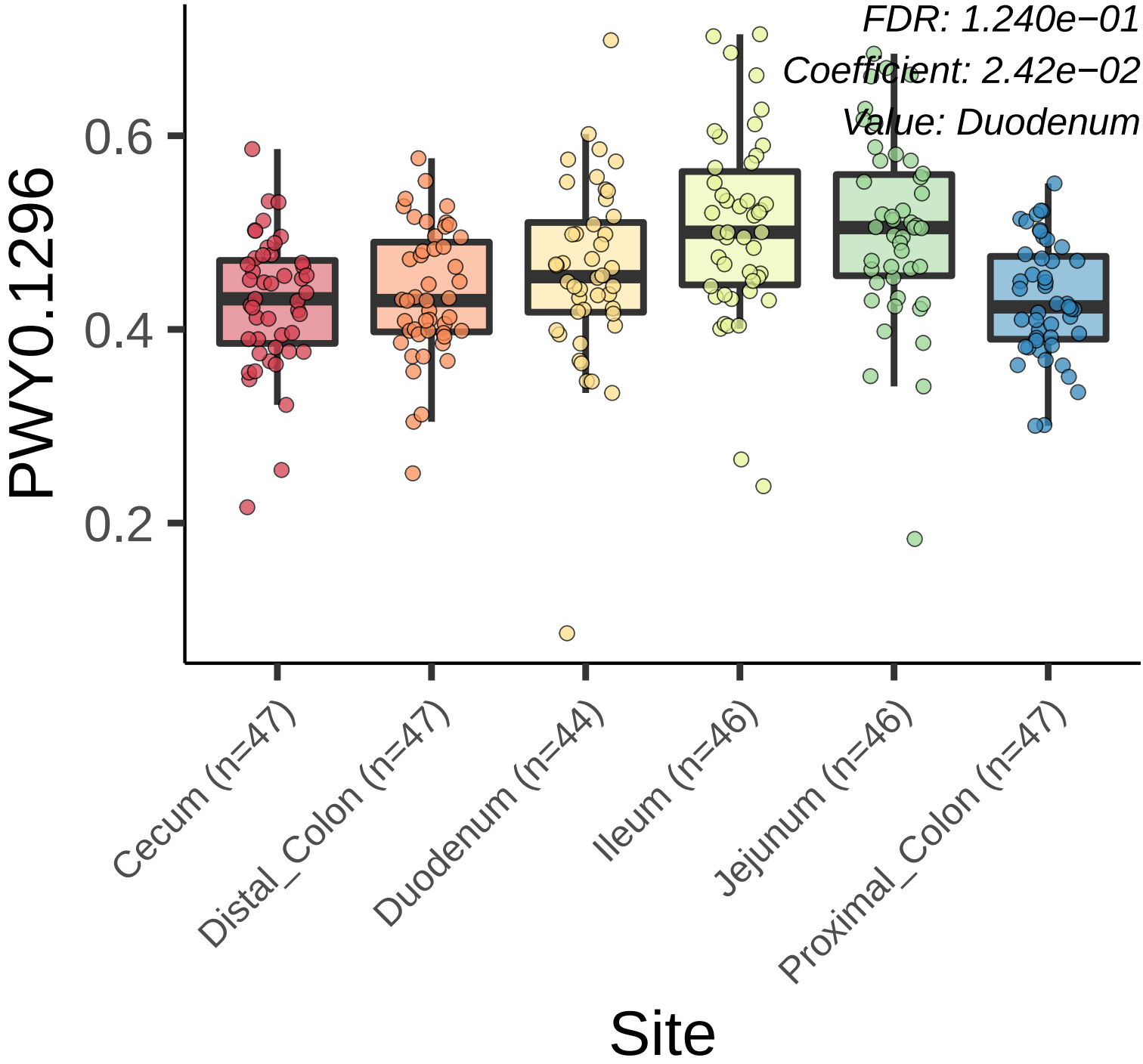
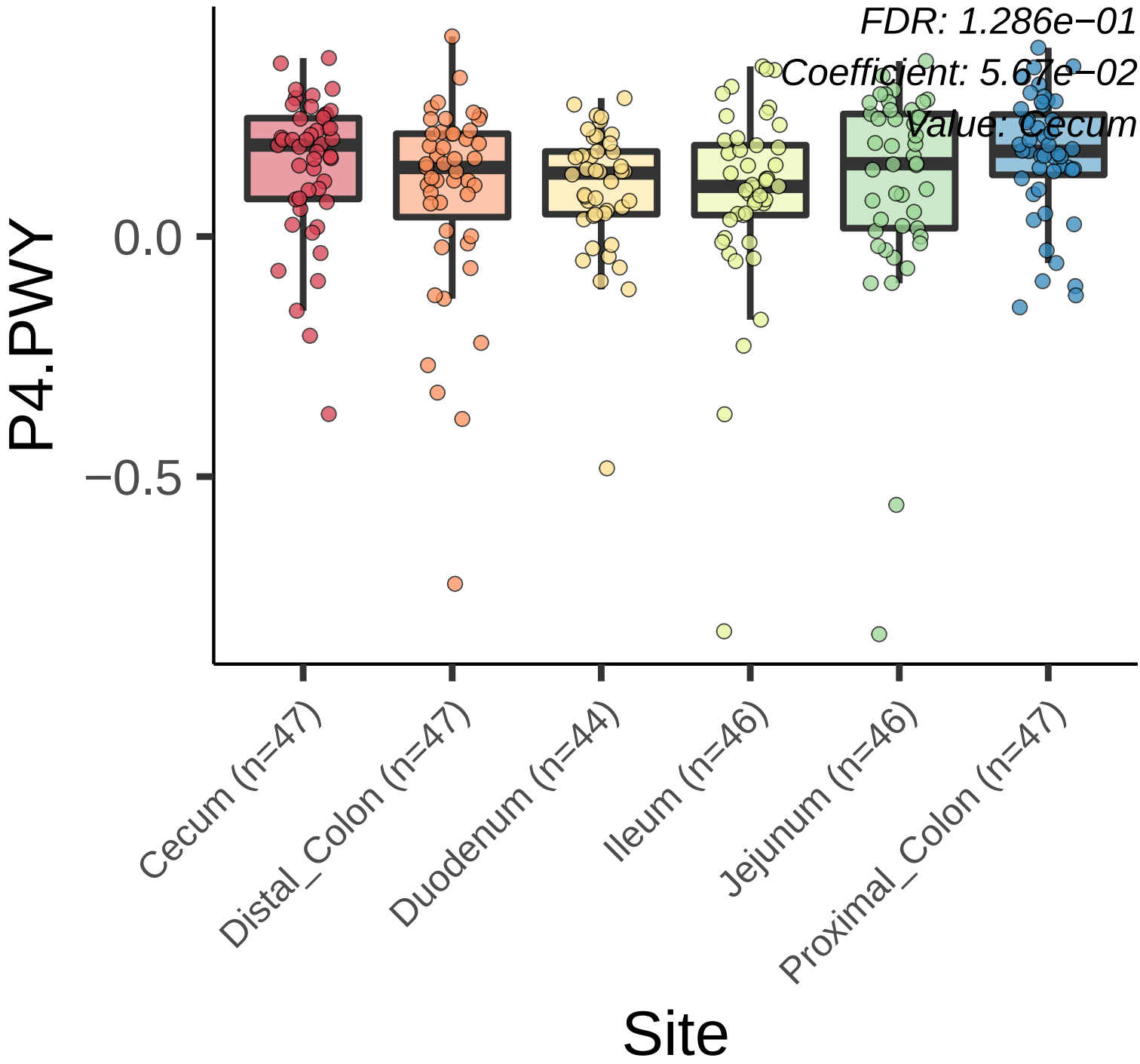
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.240e−01
Coefficient: 2.42e−02
Value: Duodenum
PWY0.1296
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.67e−02
Value: Cecum
P4.PWY
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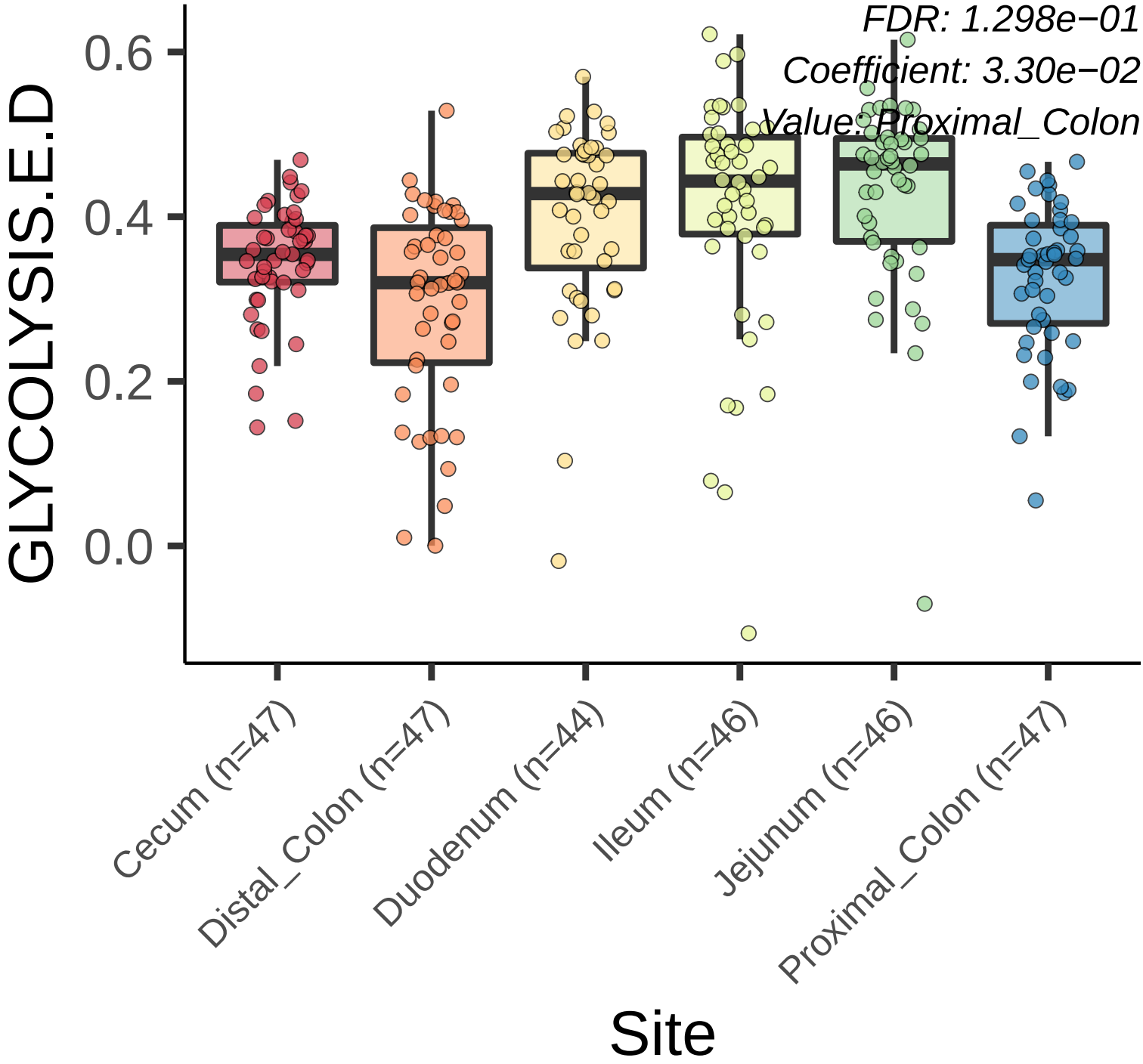
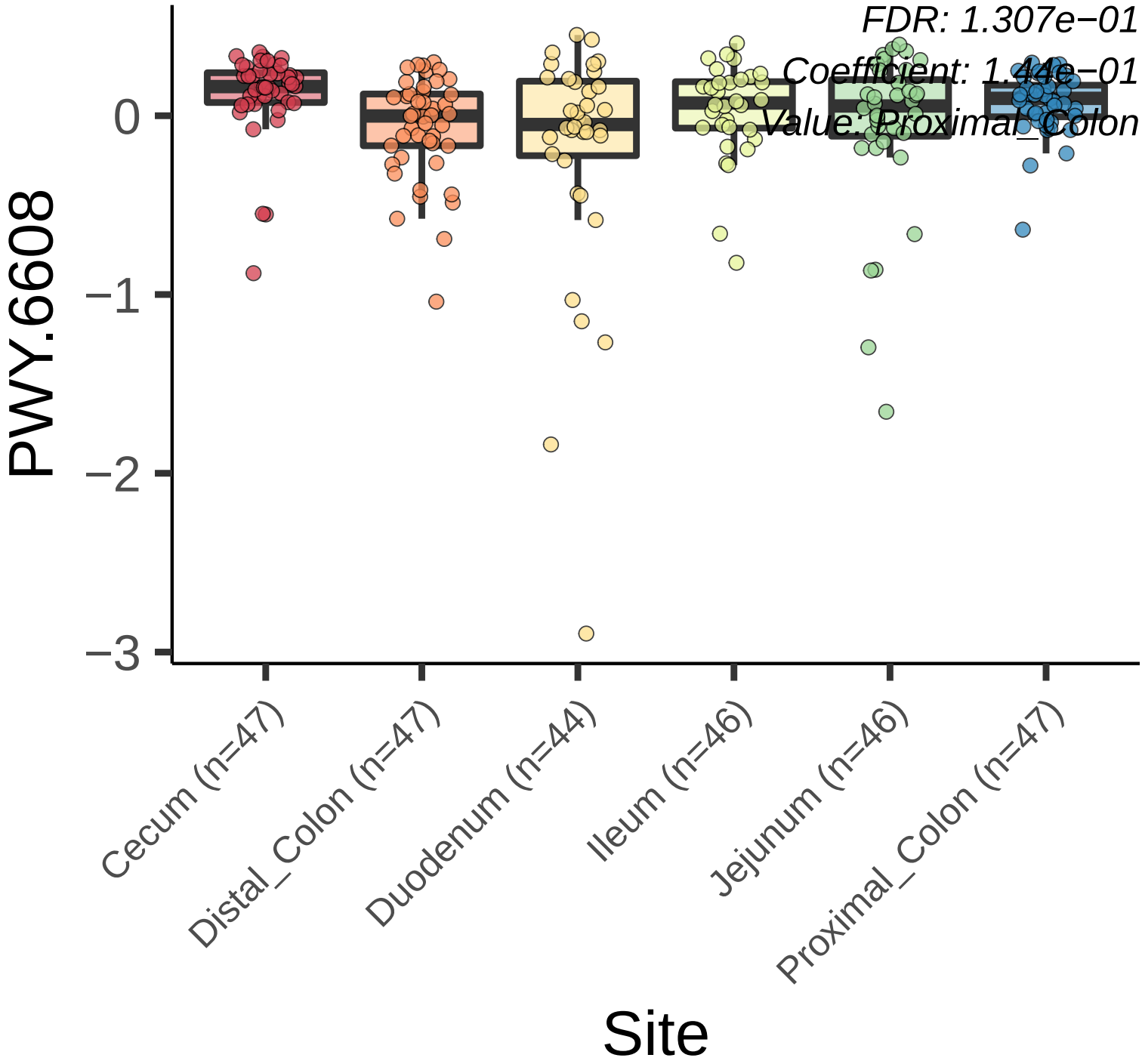
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.298e−01
Coefficient: 3.30e−02
Value: Proximal_Colon
GLYCOLYSIS.E.D
0.6
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.307e−01
Coefficient: 1.44e−01
Value: Proximal_Colon
PWY.6608
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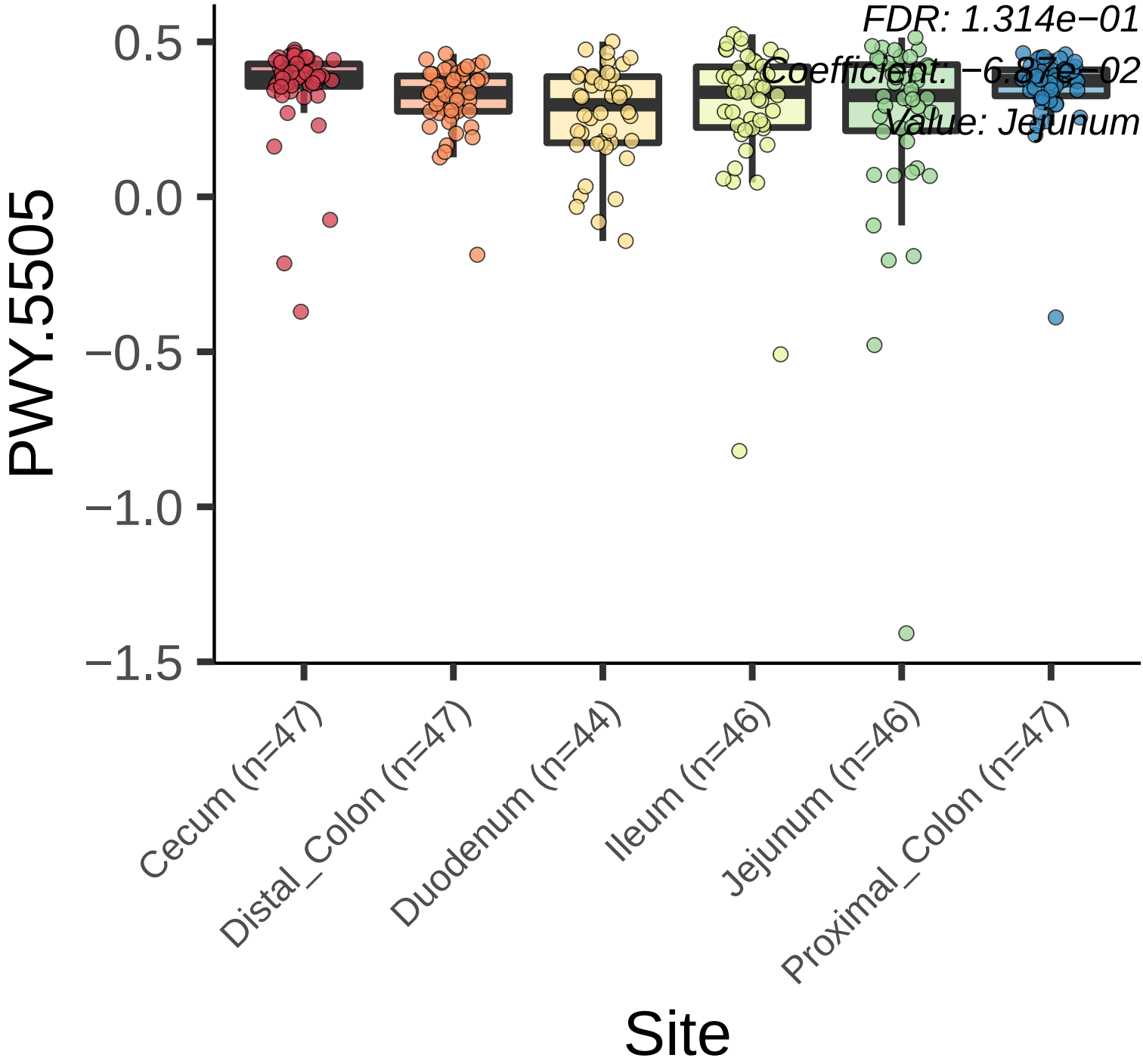
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −6.87e−02
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PWY.5505
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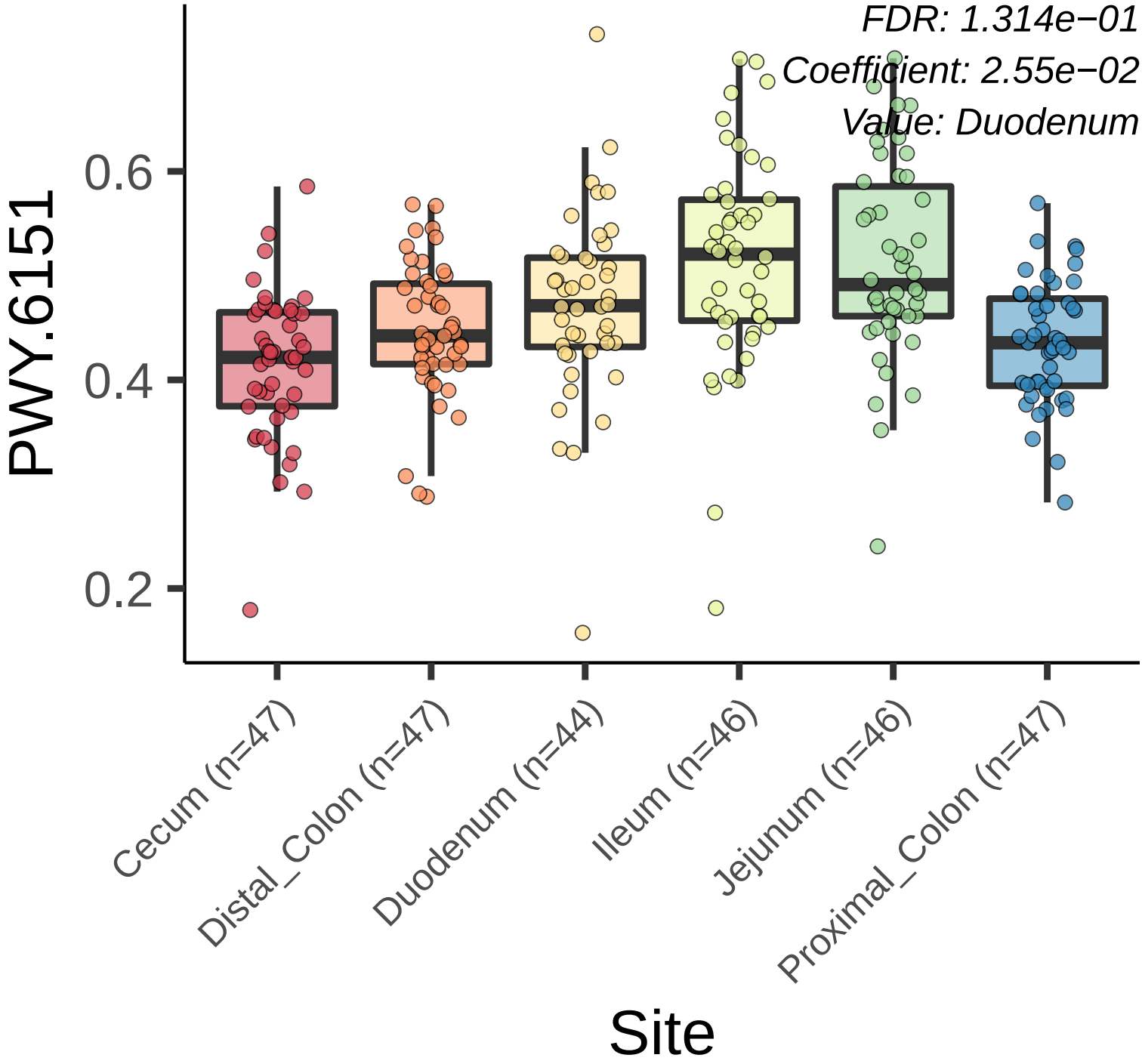
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.314e−01
Coefficient: 2.55e−02
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PWY.6151
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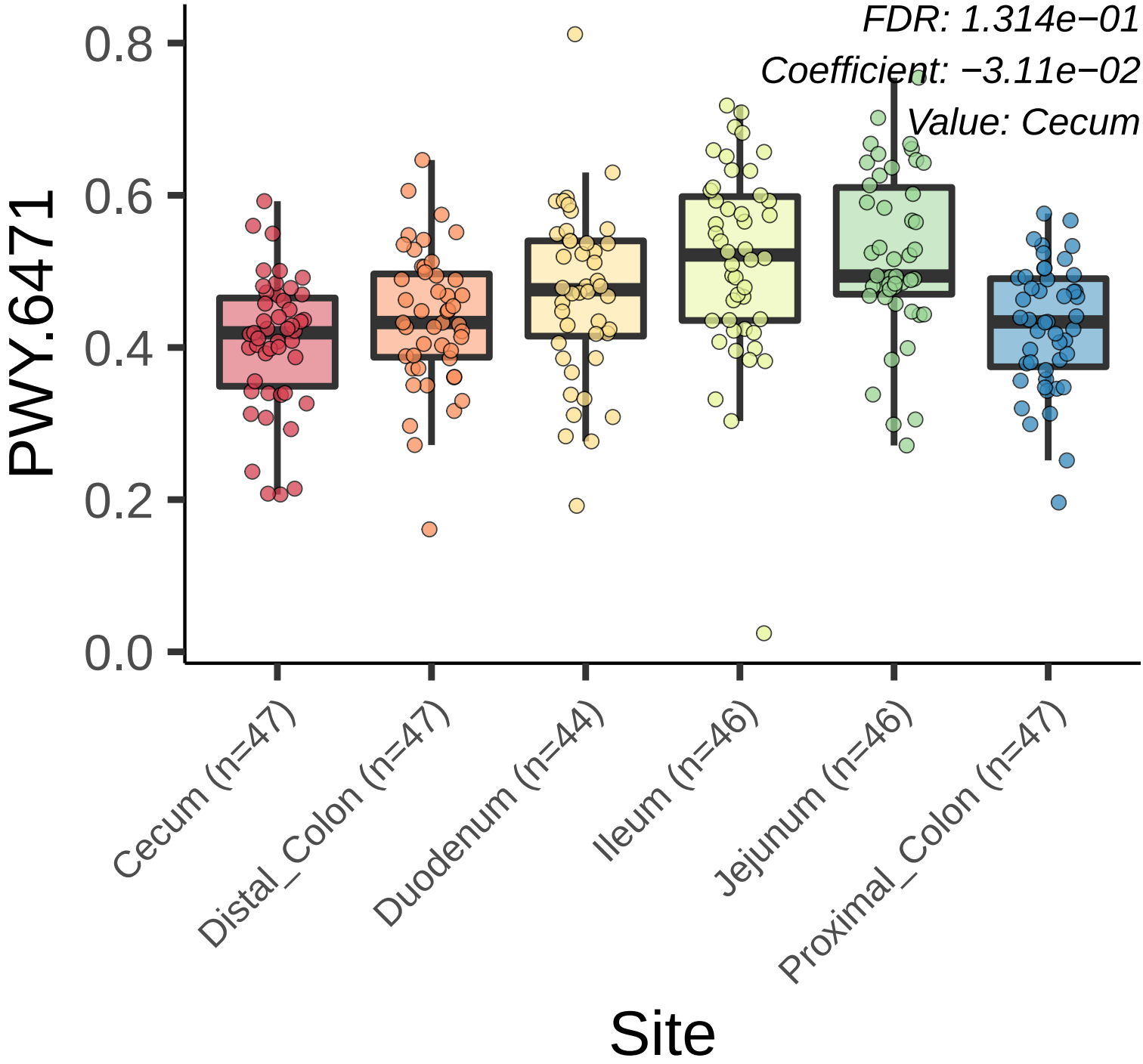
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.11e−02
Value: Cecum
PWY.6471
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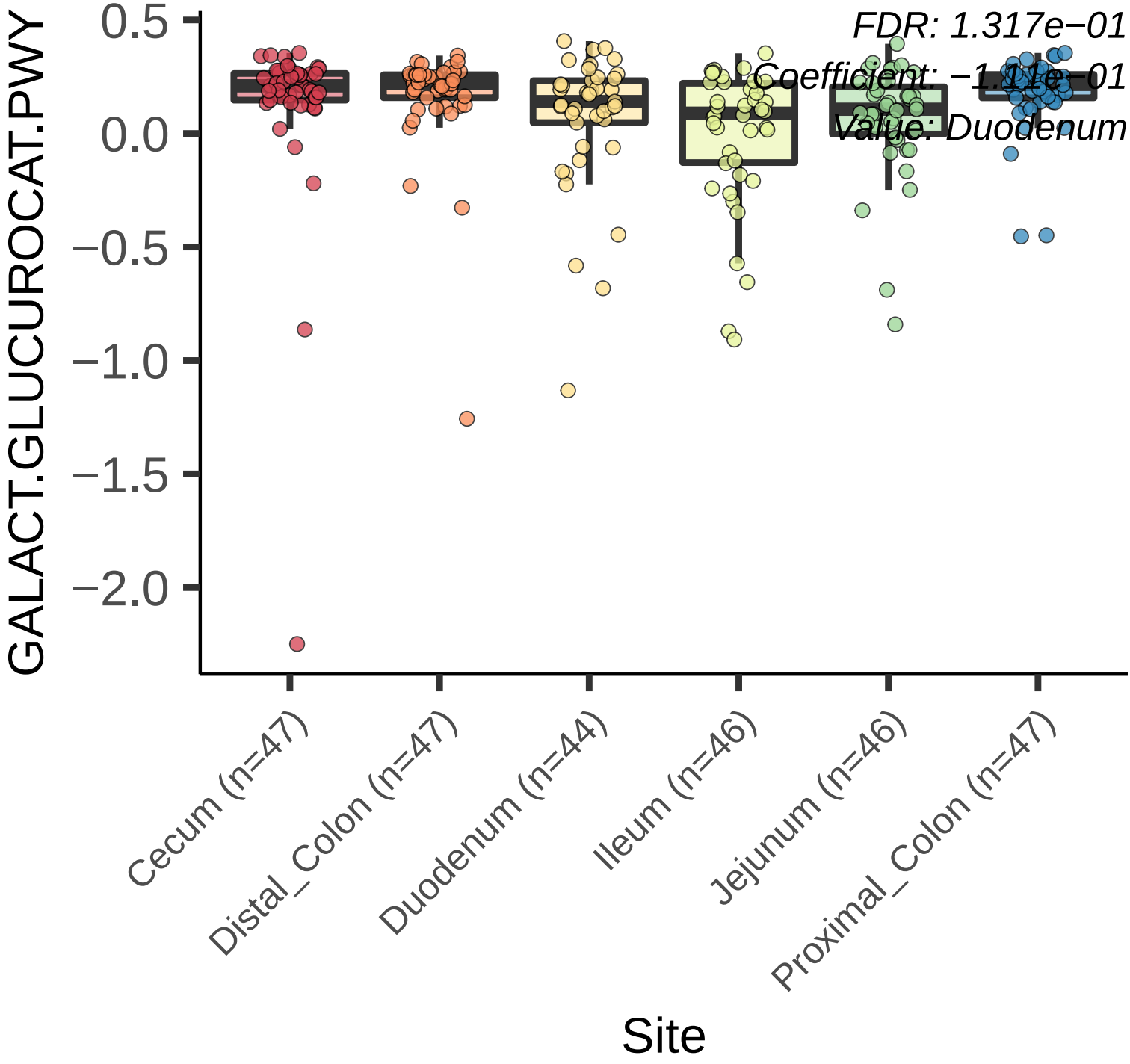
0.2
0.4
0.6
0.8
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.11e−01
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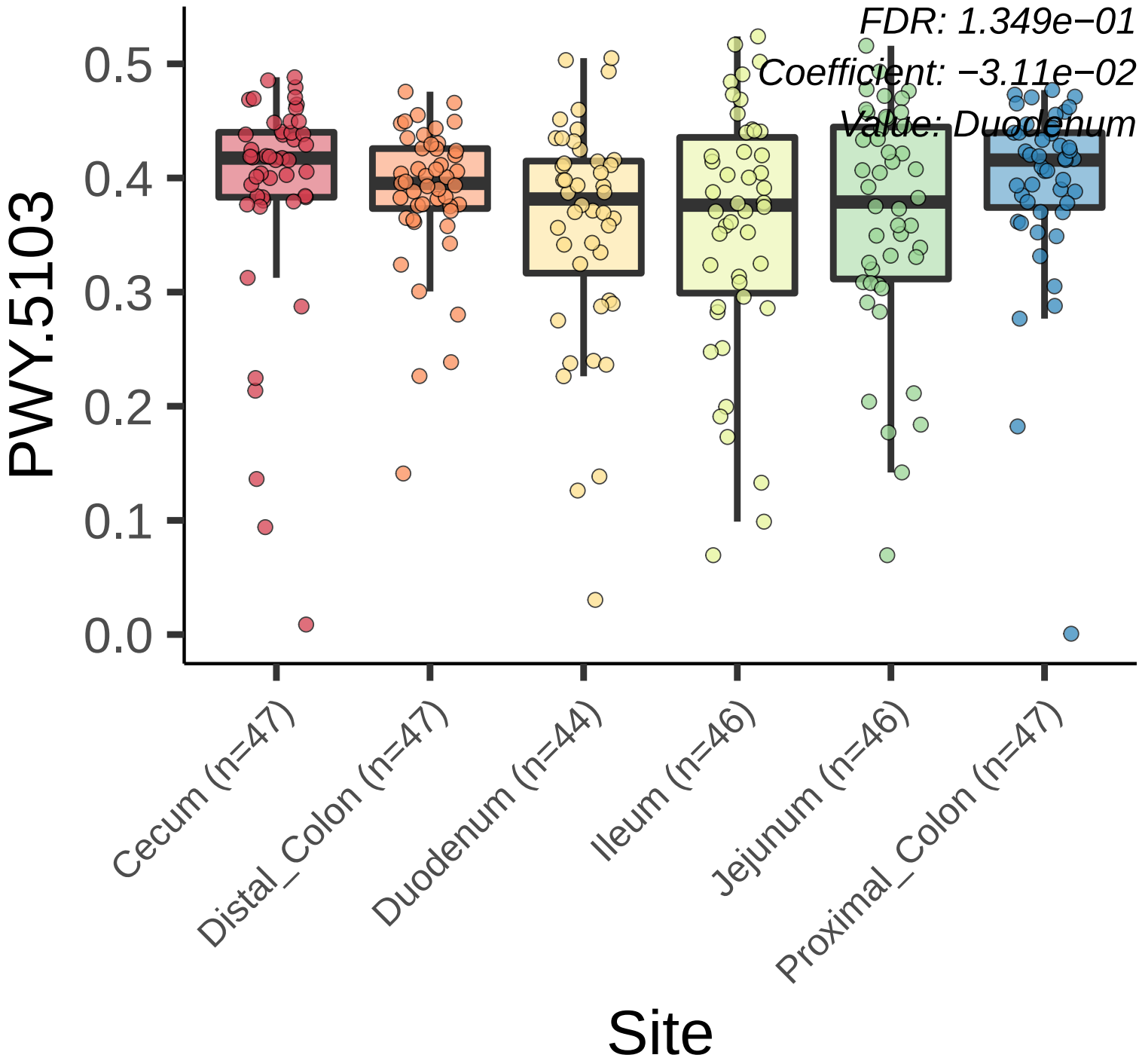
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −3.11e−02
Value: Duodenum
PWY.5103
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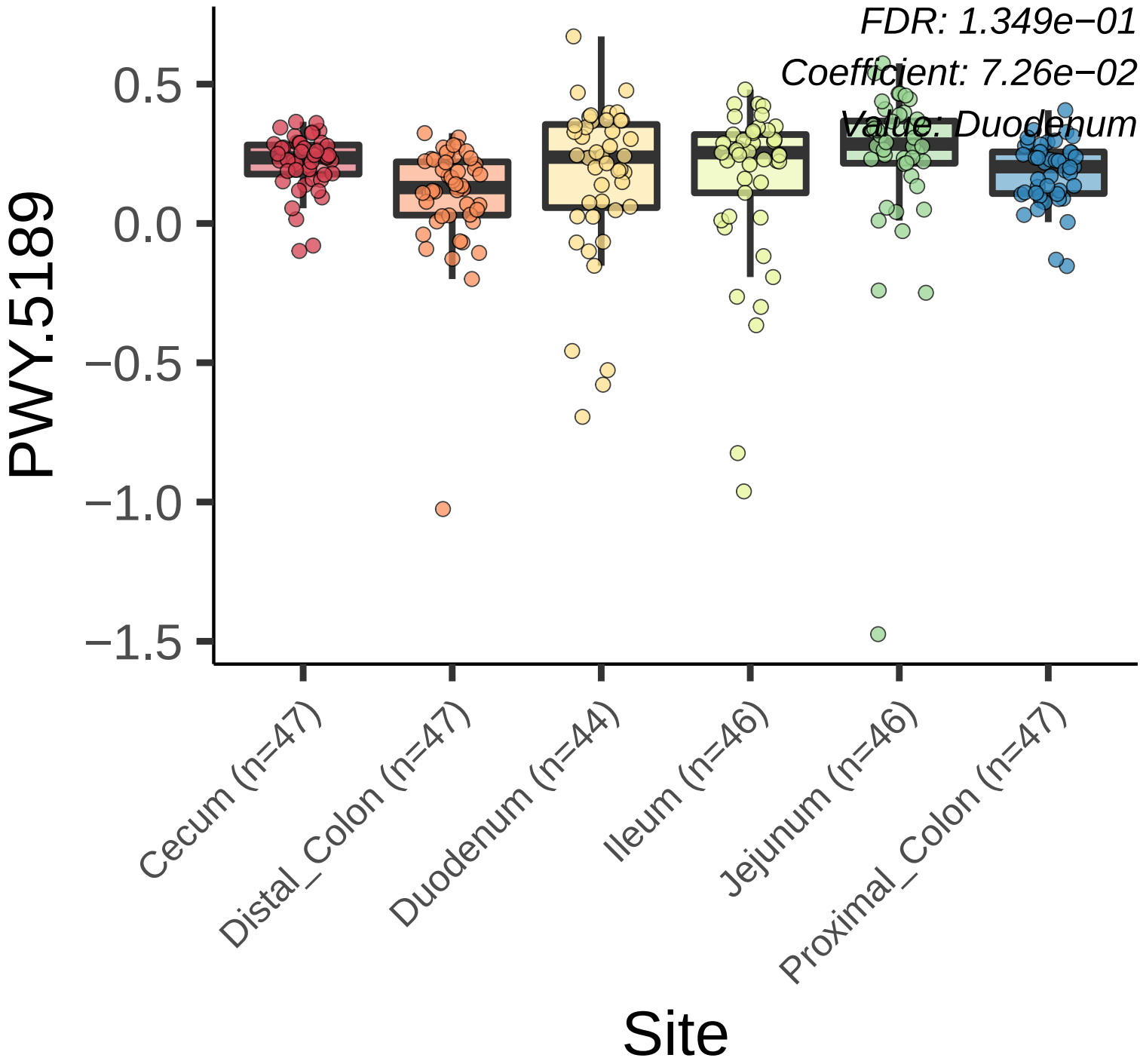
0.2
0.1
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.26e−02
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PWY.5189
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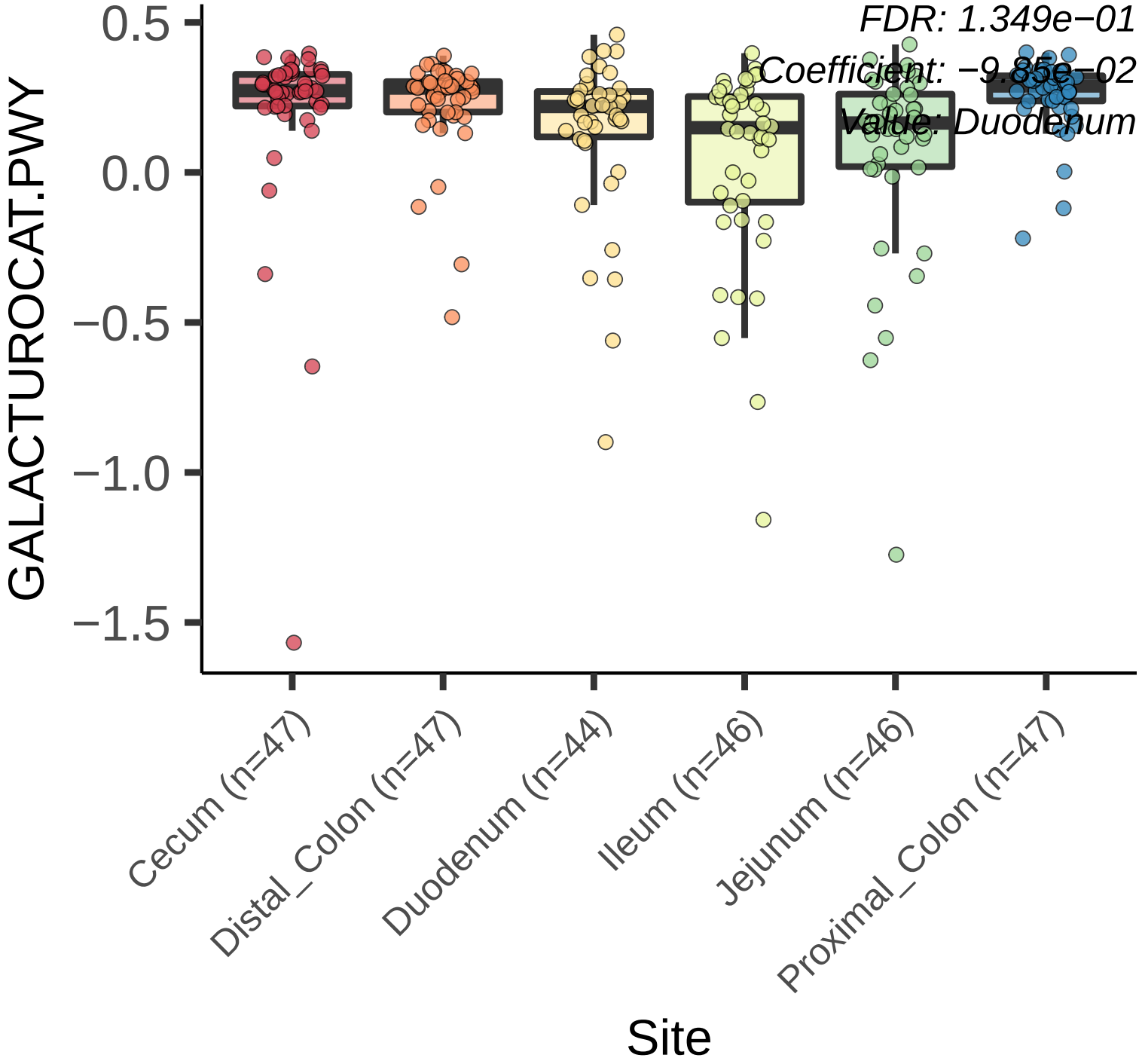
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.349e−01
Coefficient: −9.85e−02
Value: Duodenum
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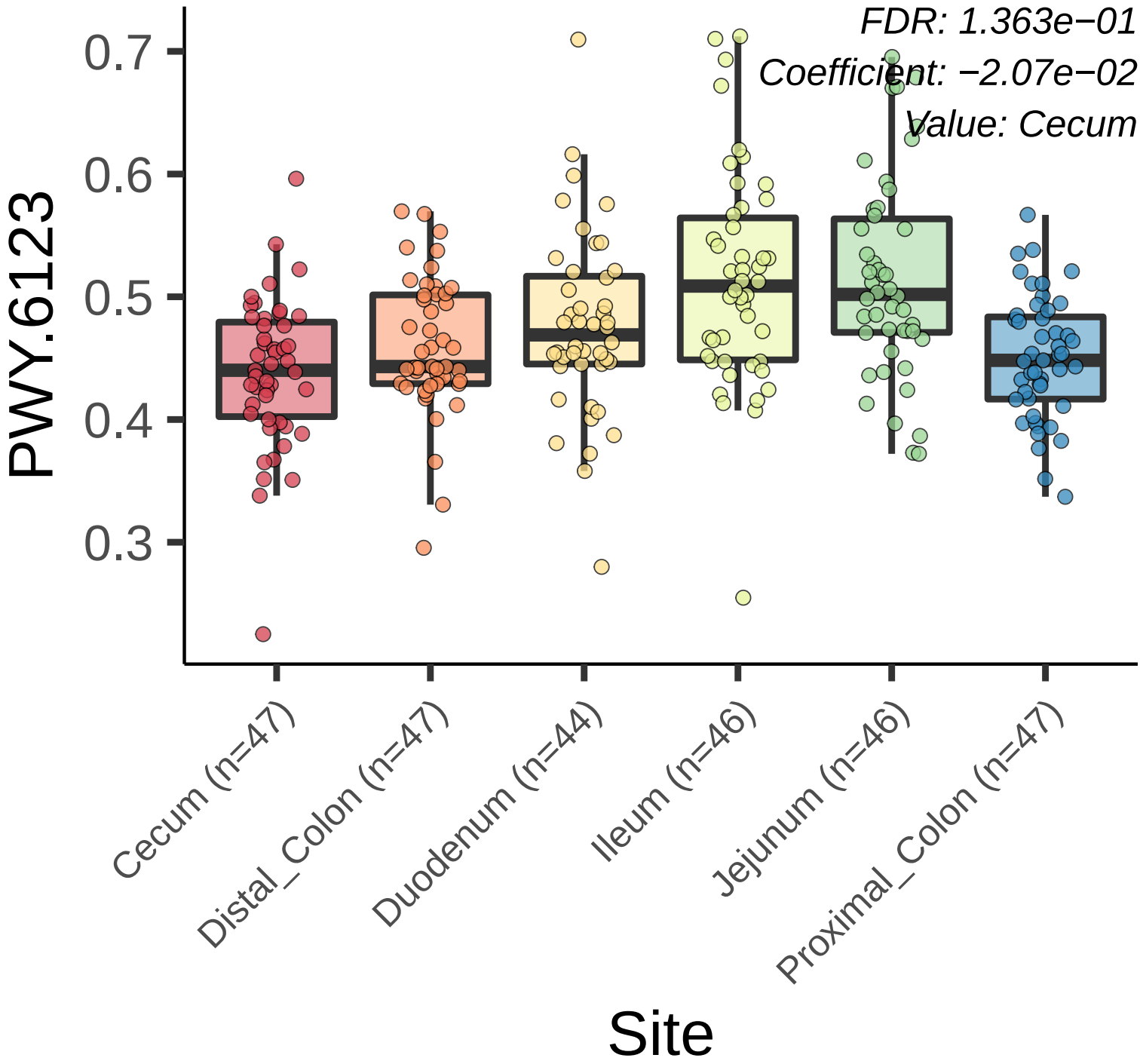
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.363e−01
Coefficient: −2.07e−02
Value: Cecum
PWY.6123
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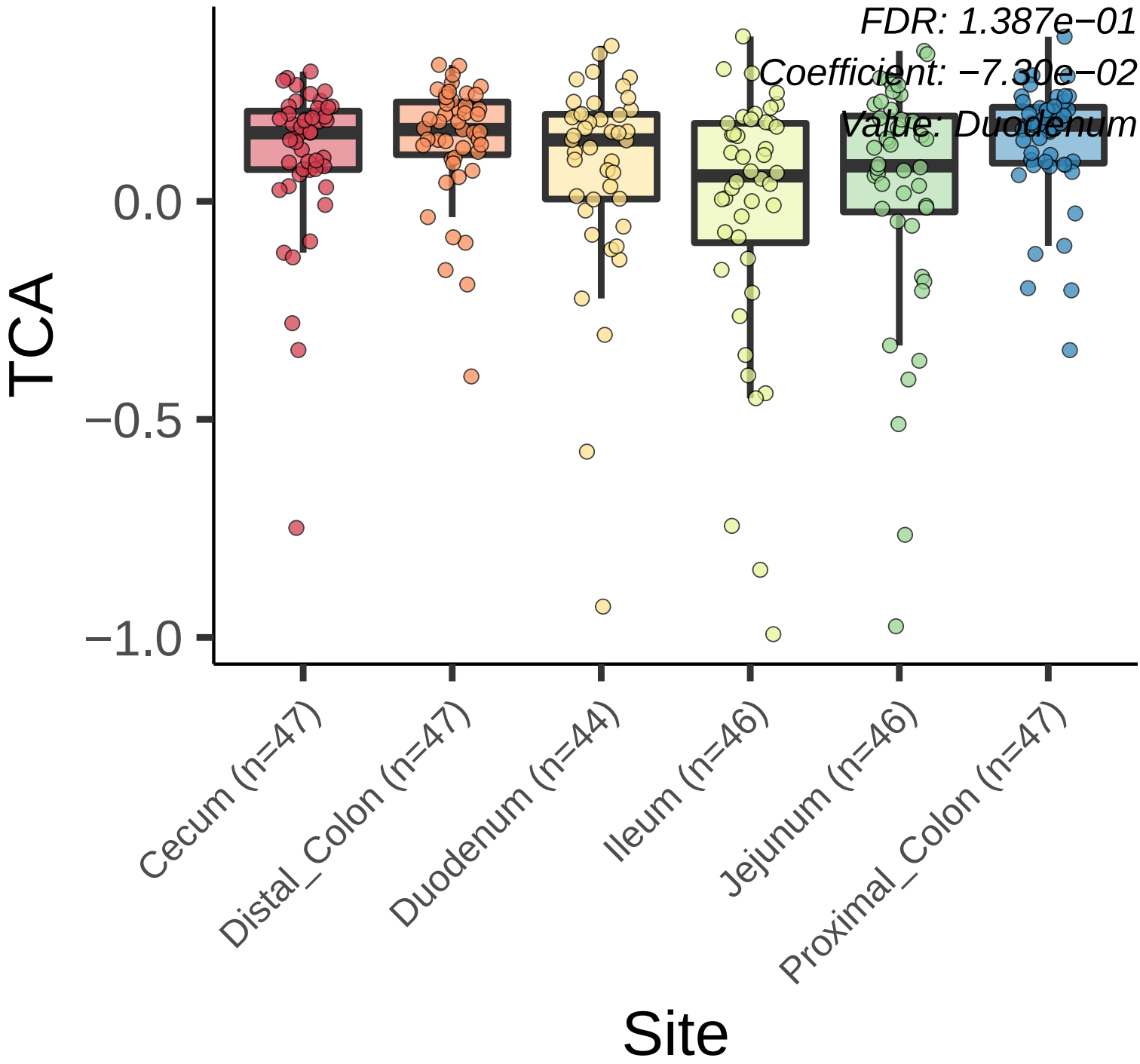
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −7.30e−02
Value: Duodenum
TCA
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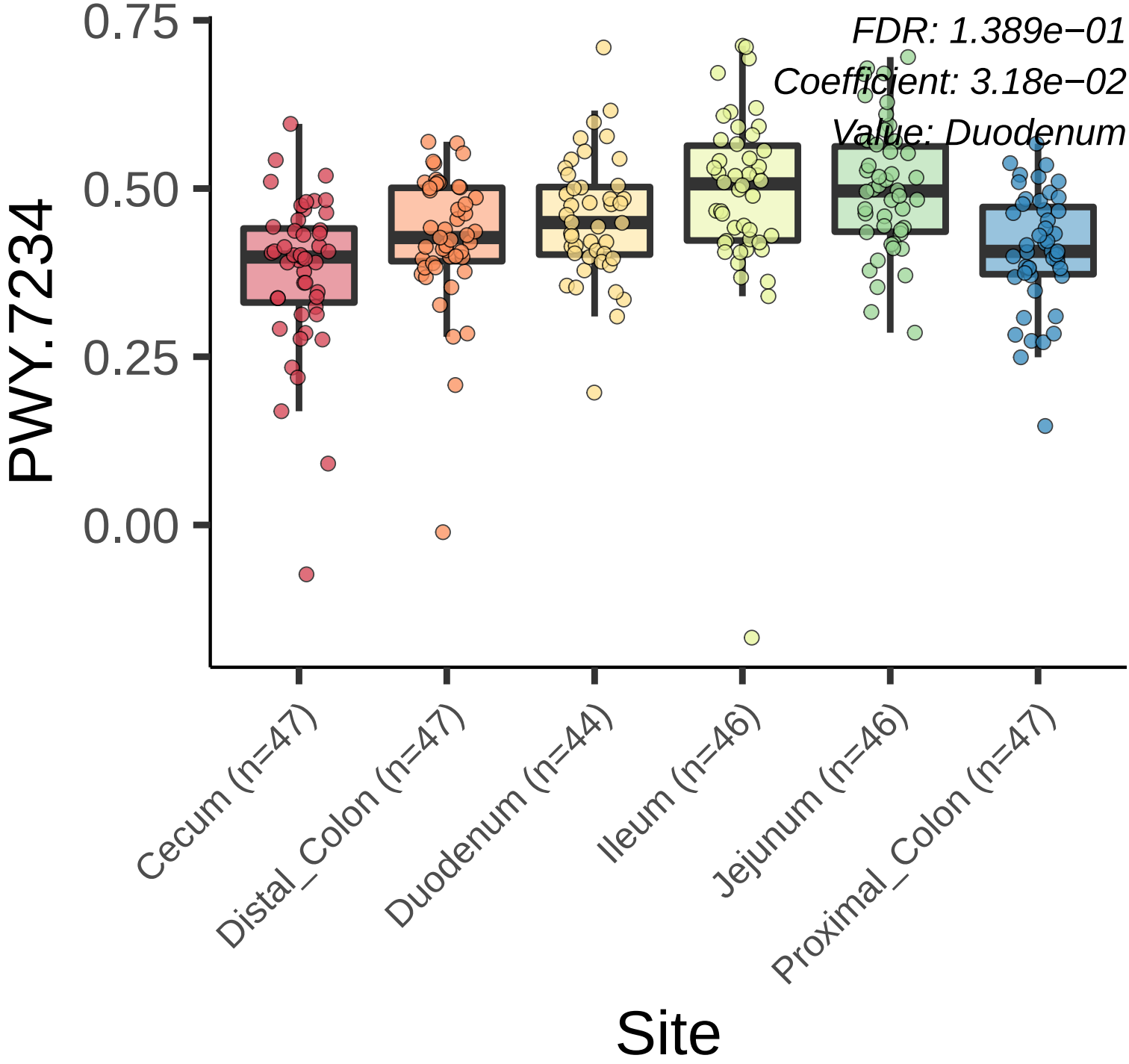
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.18e−02
Value: Duodenum
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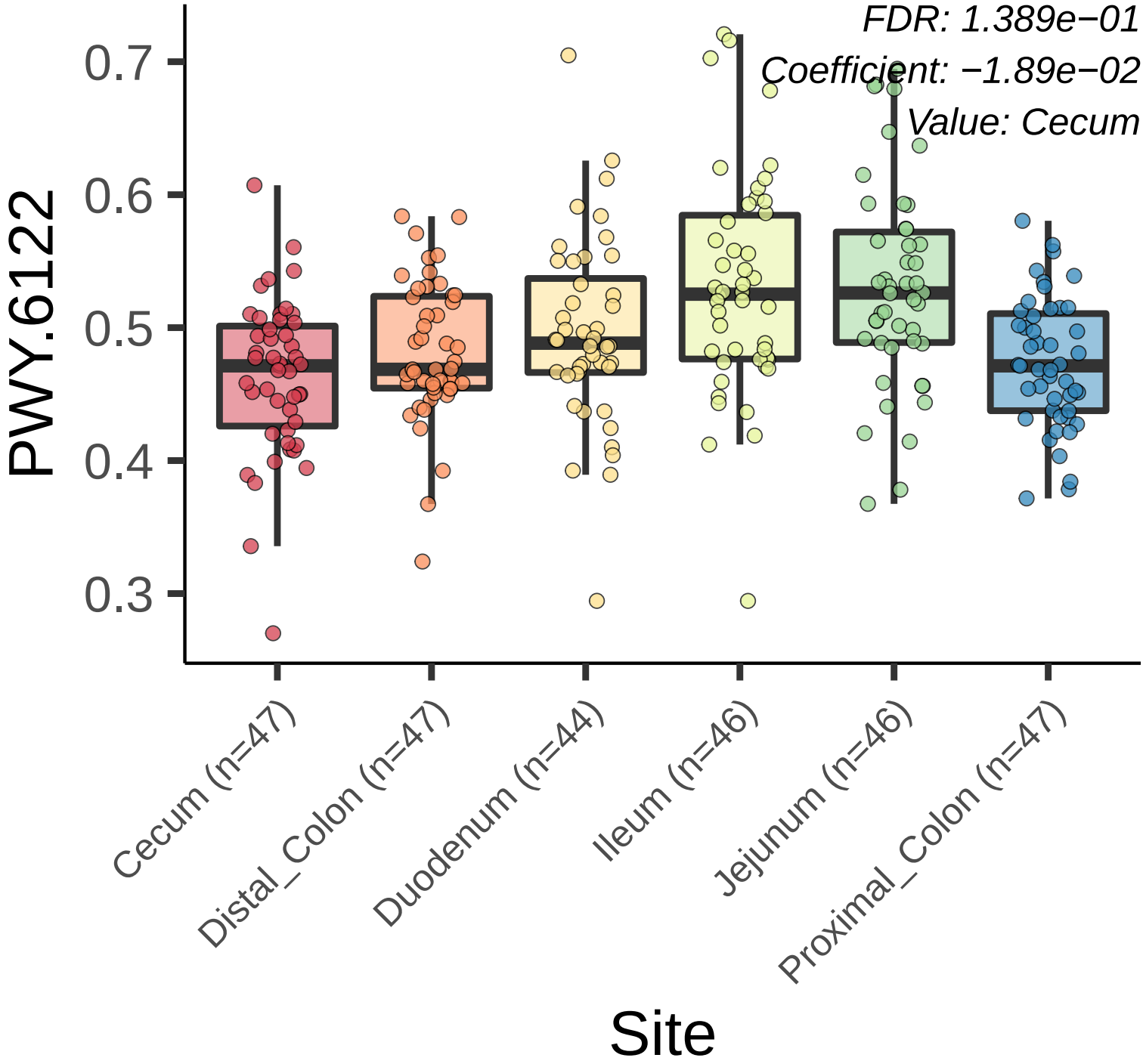
0.25
0.00
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.389e−01
Coefficient: −1.89e−02
Value: Cecum
PWY.6122
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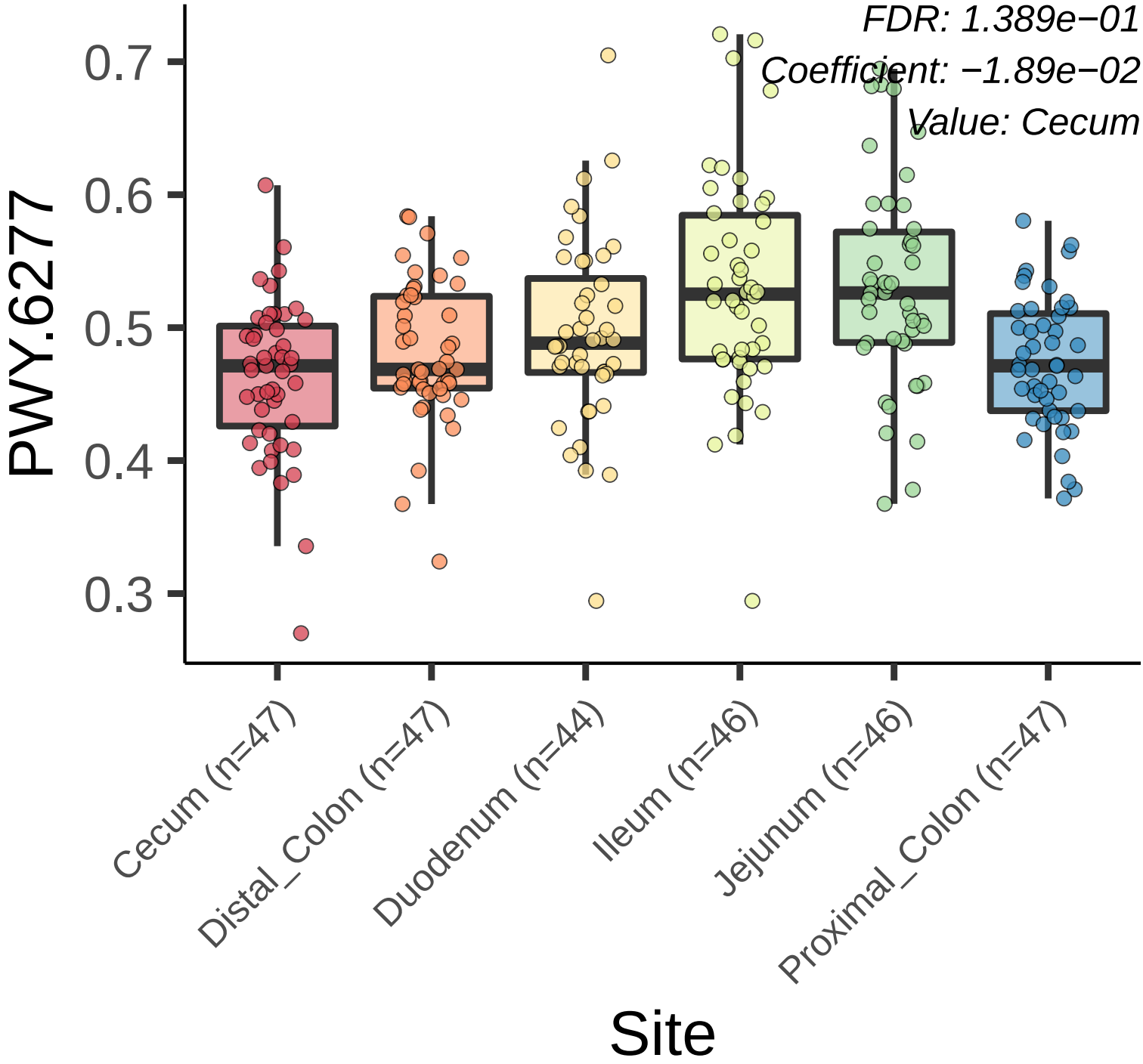
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.89e−02
Value: Cecum
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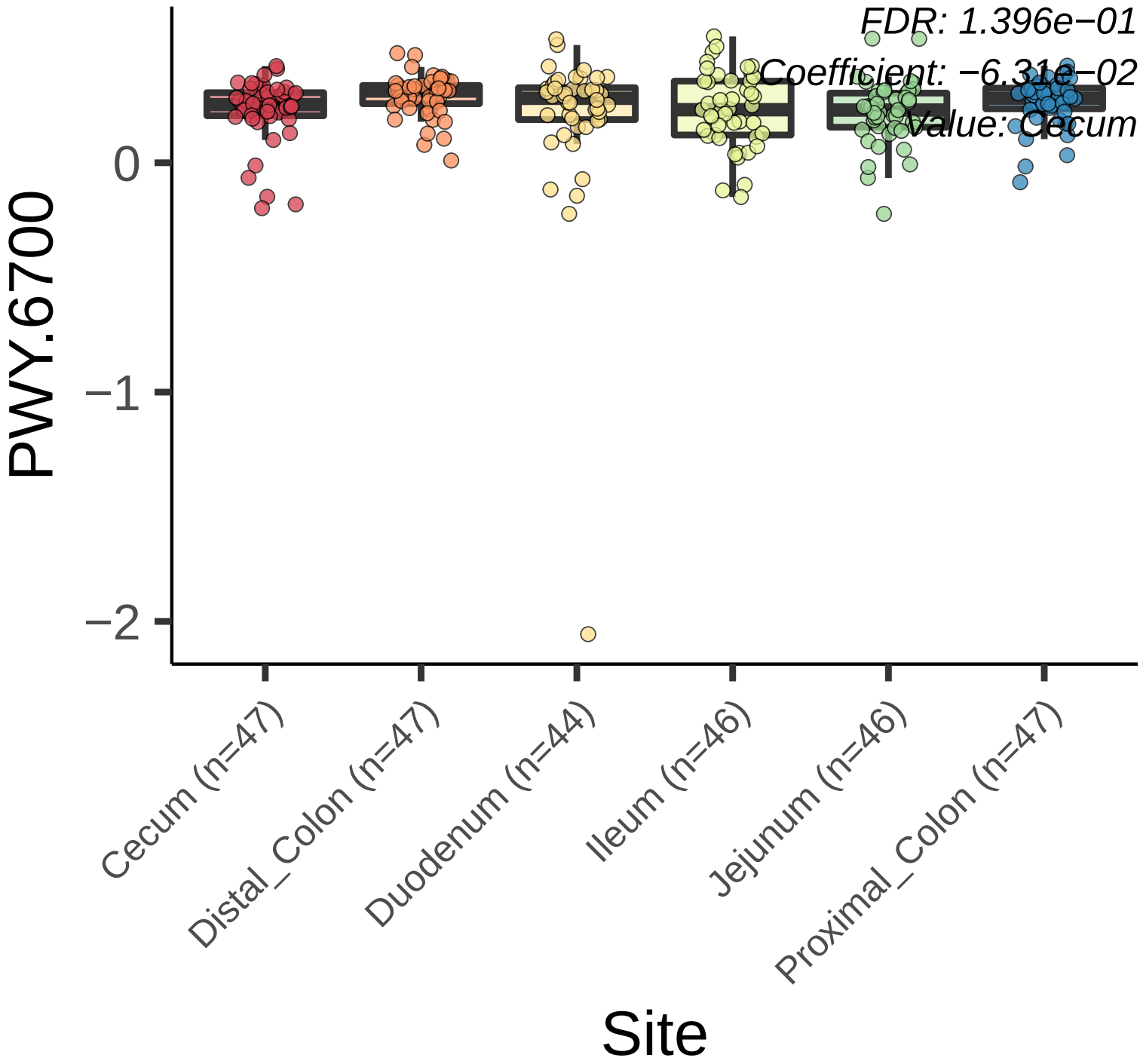
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.396e−01
Coefficient: −6.31e−02
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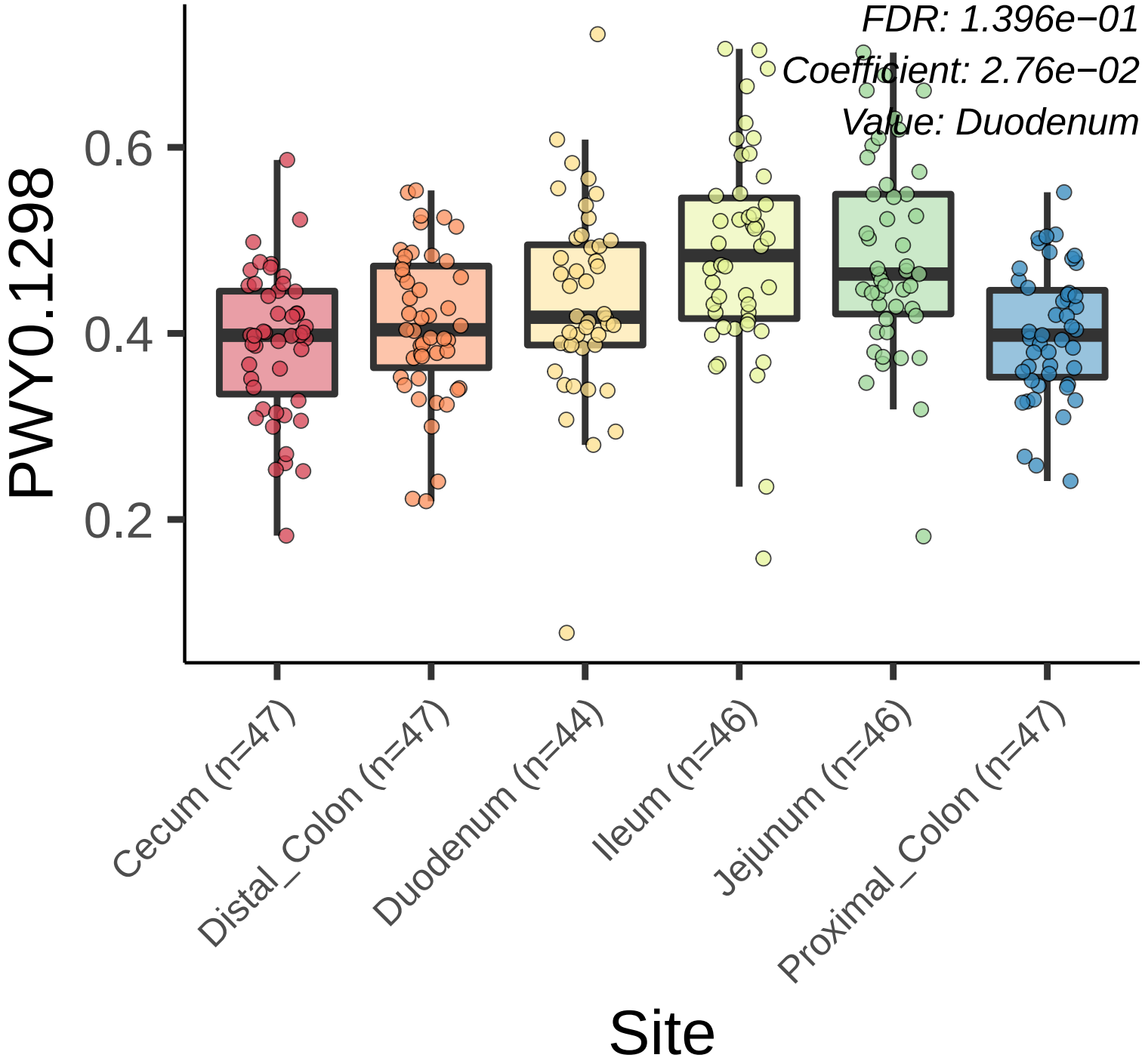
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.396e−01
Coefficient: 2.76e−02
Value: Duodenum
PWY0.1298
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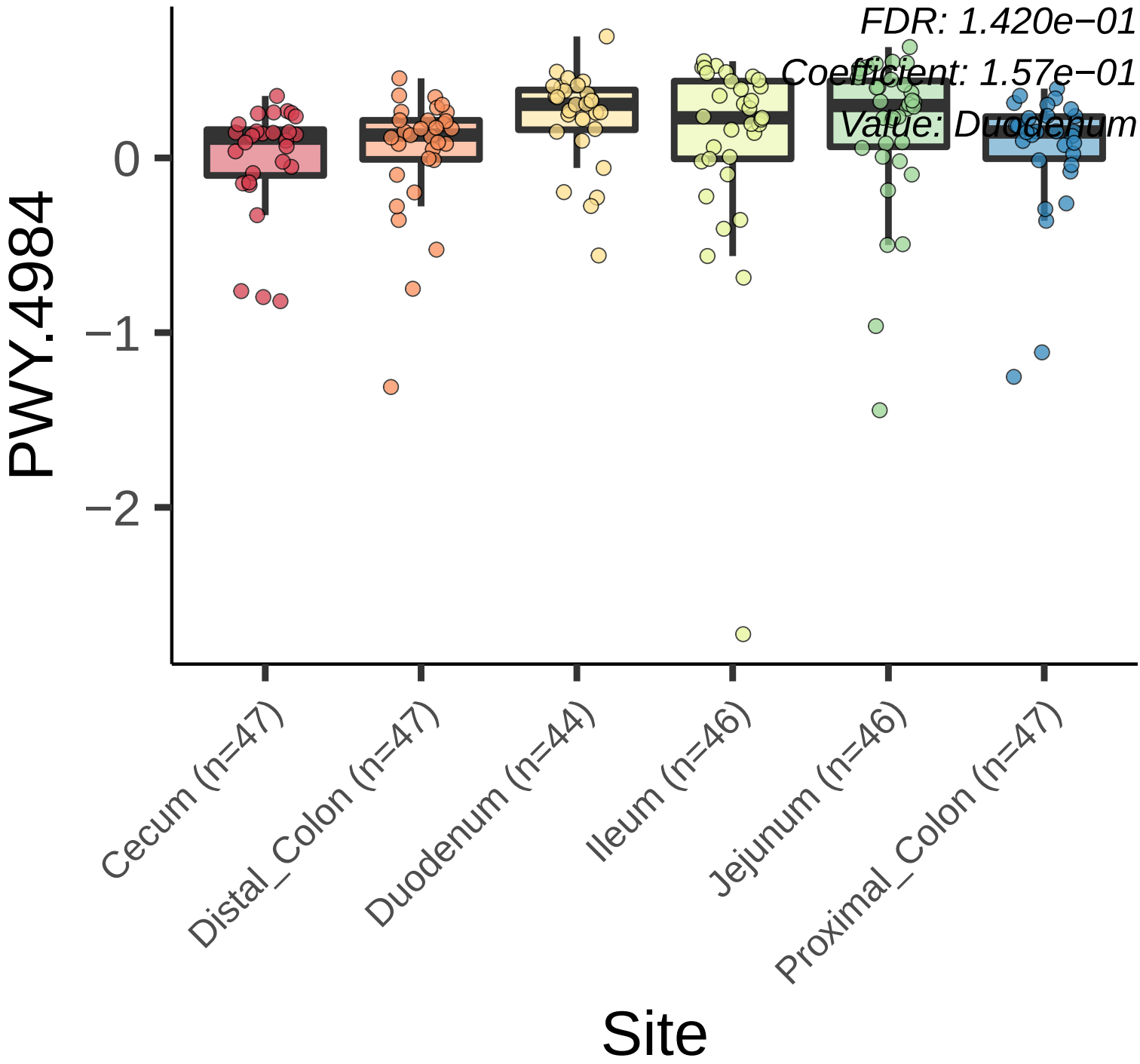
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.57e−01
Value: Duodenum
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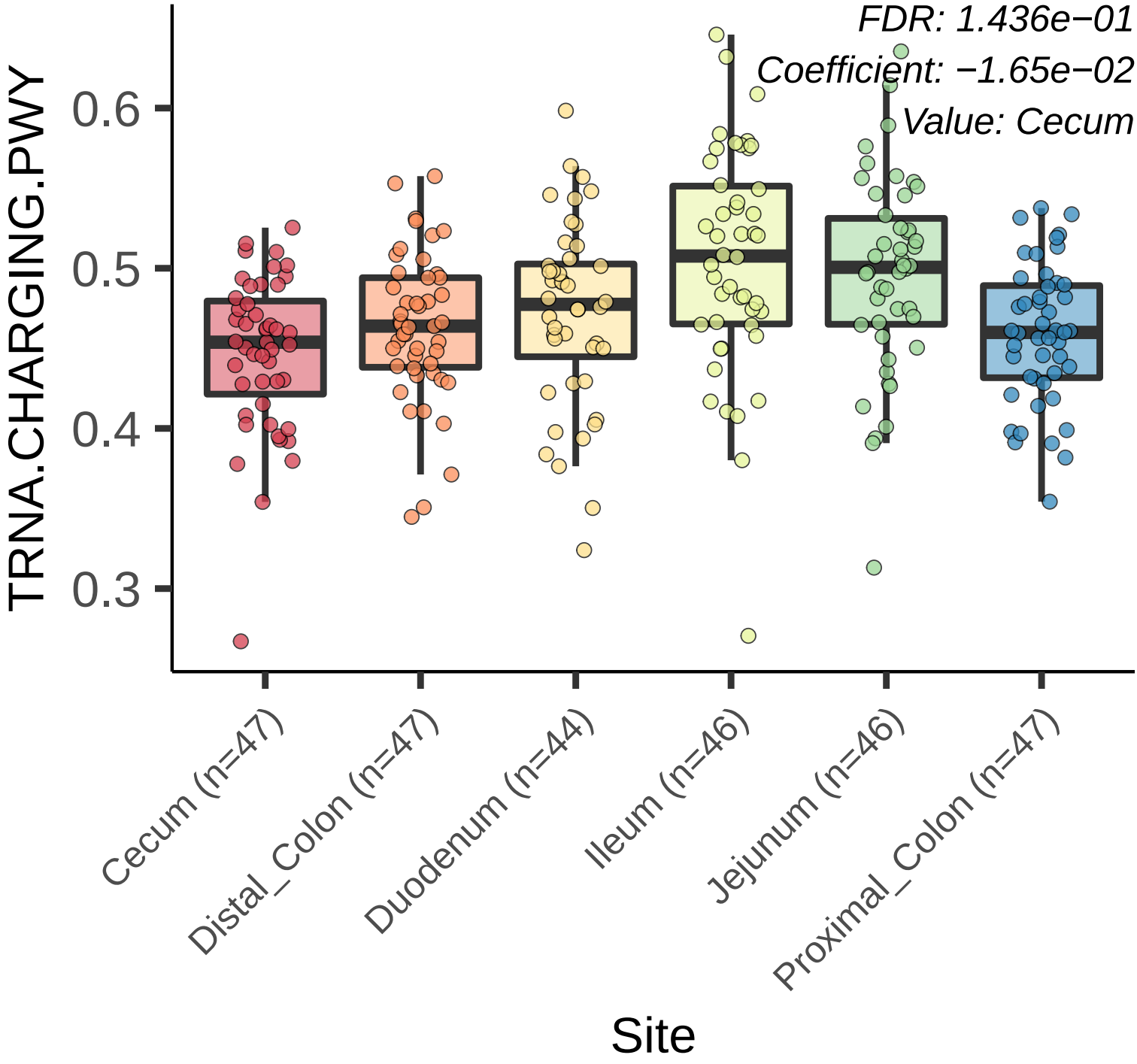
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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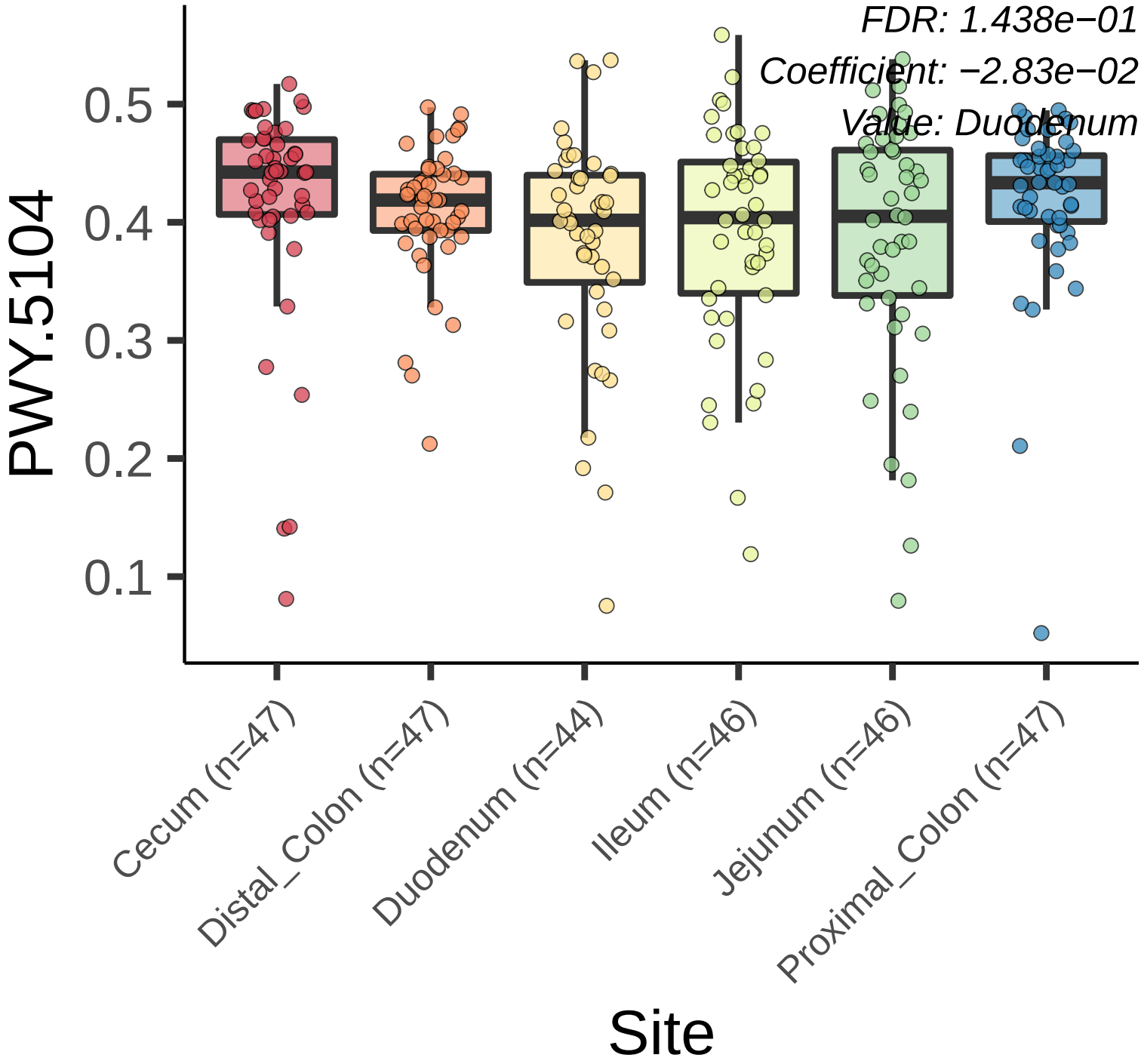
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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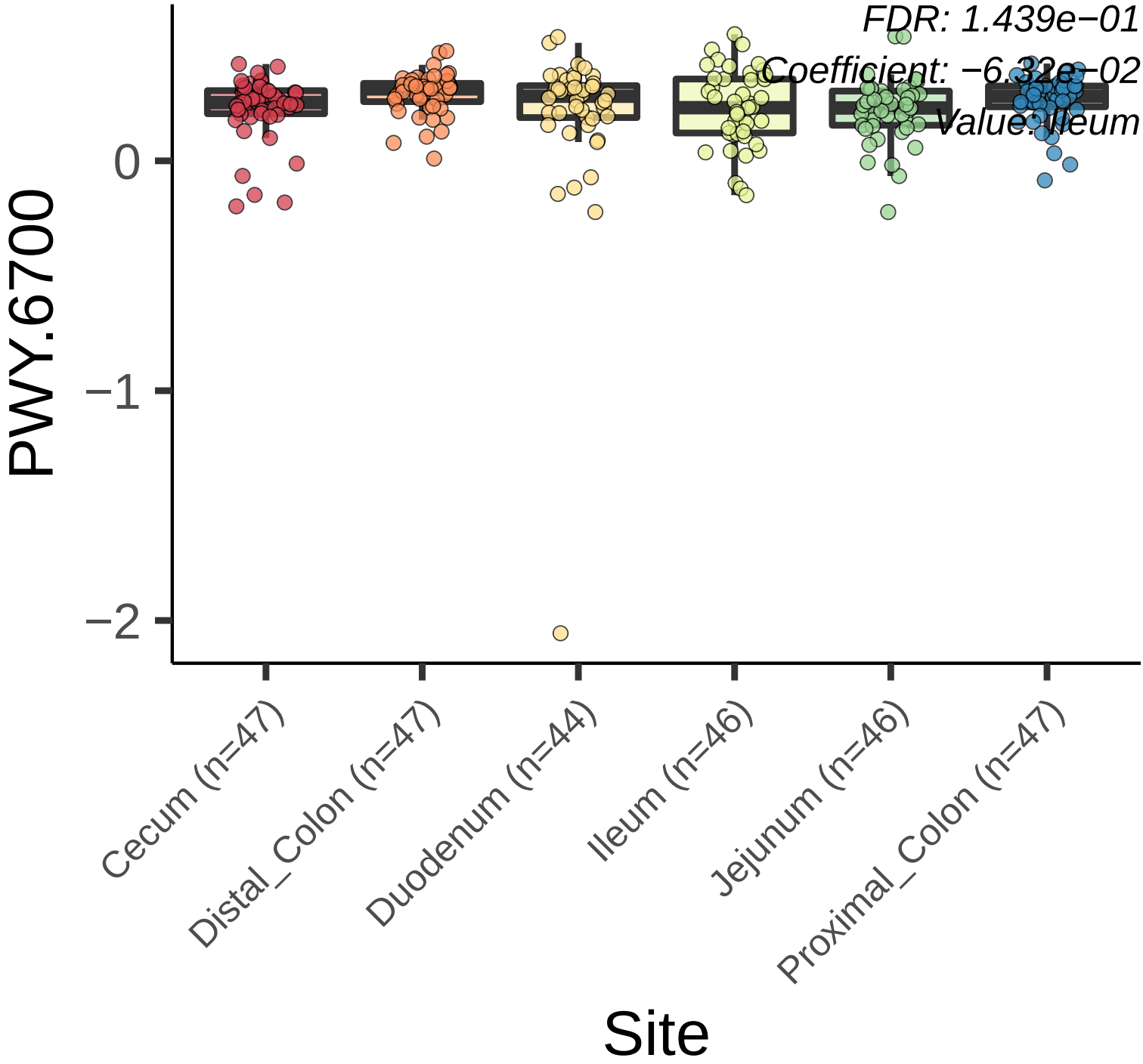
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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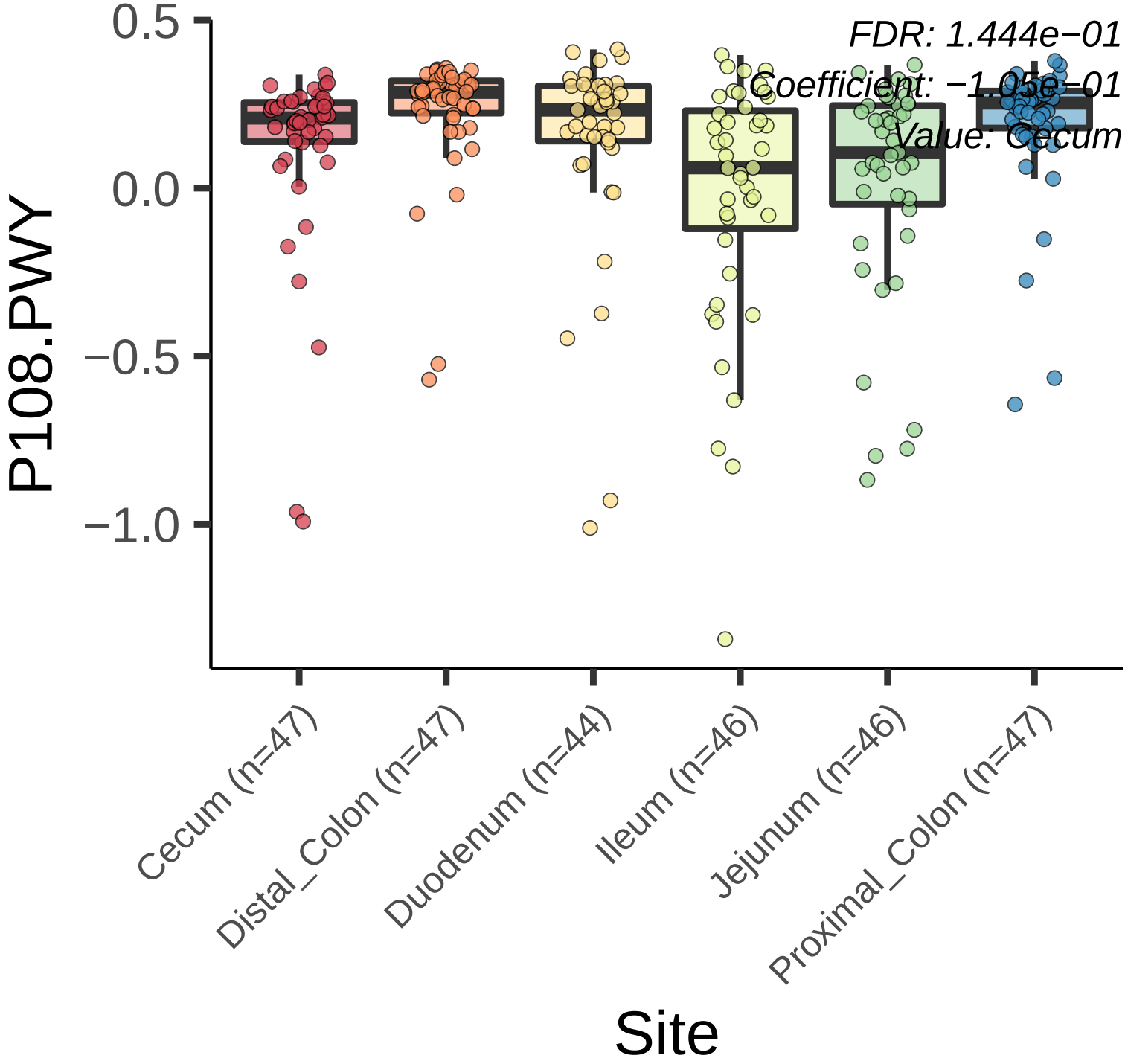
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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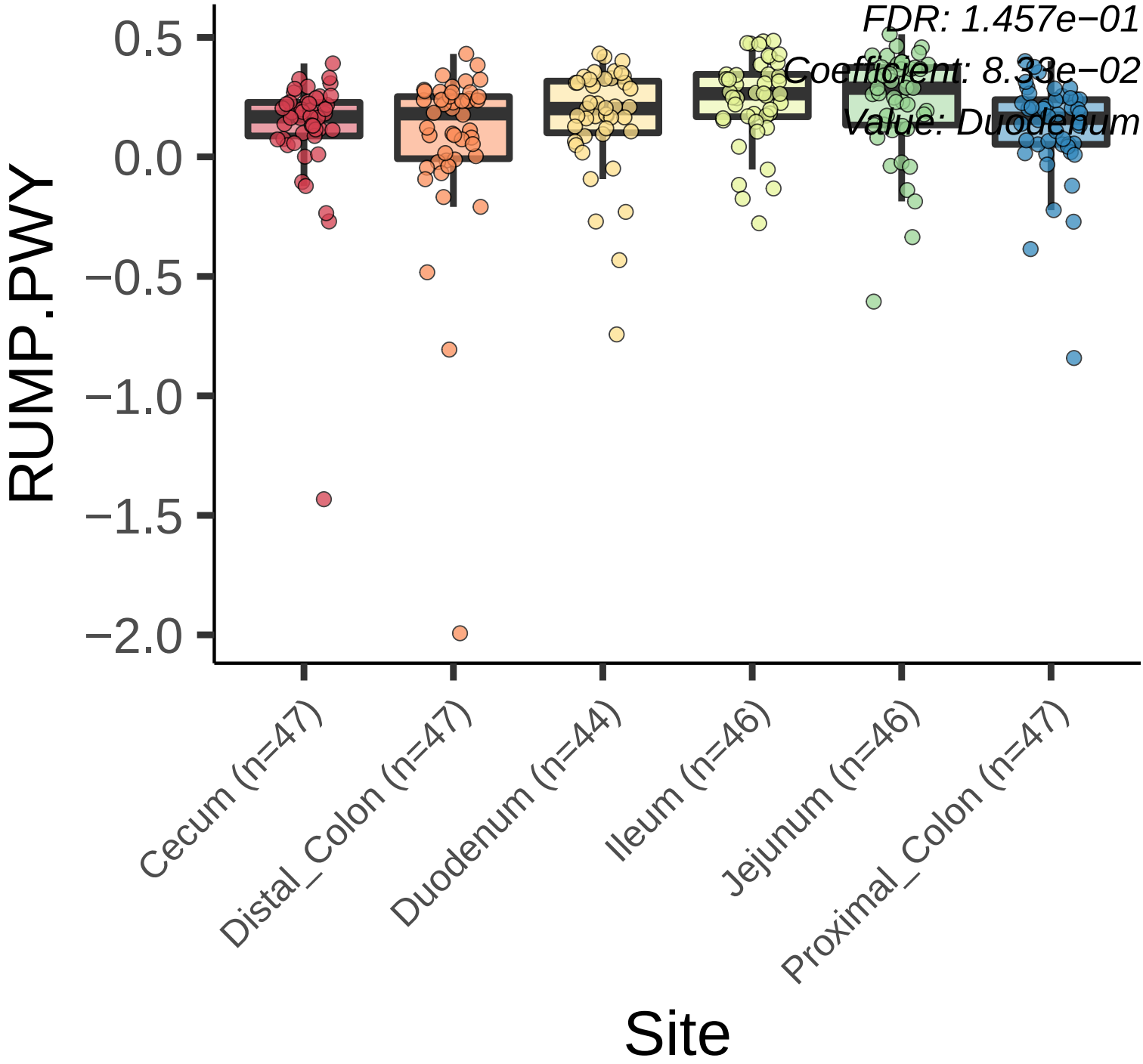
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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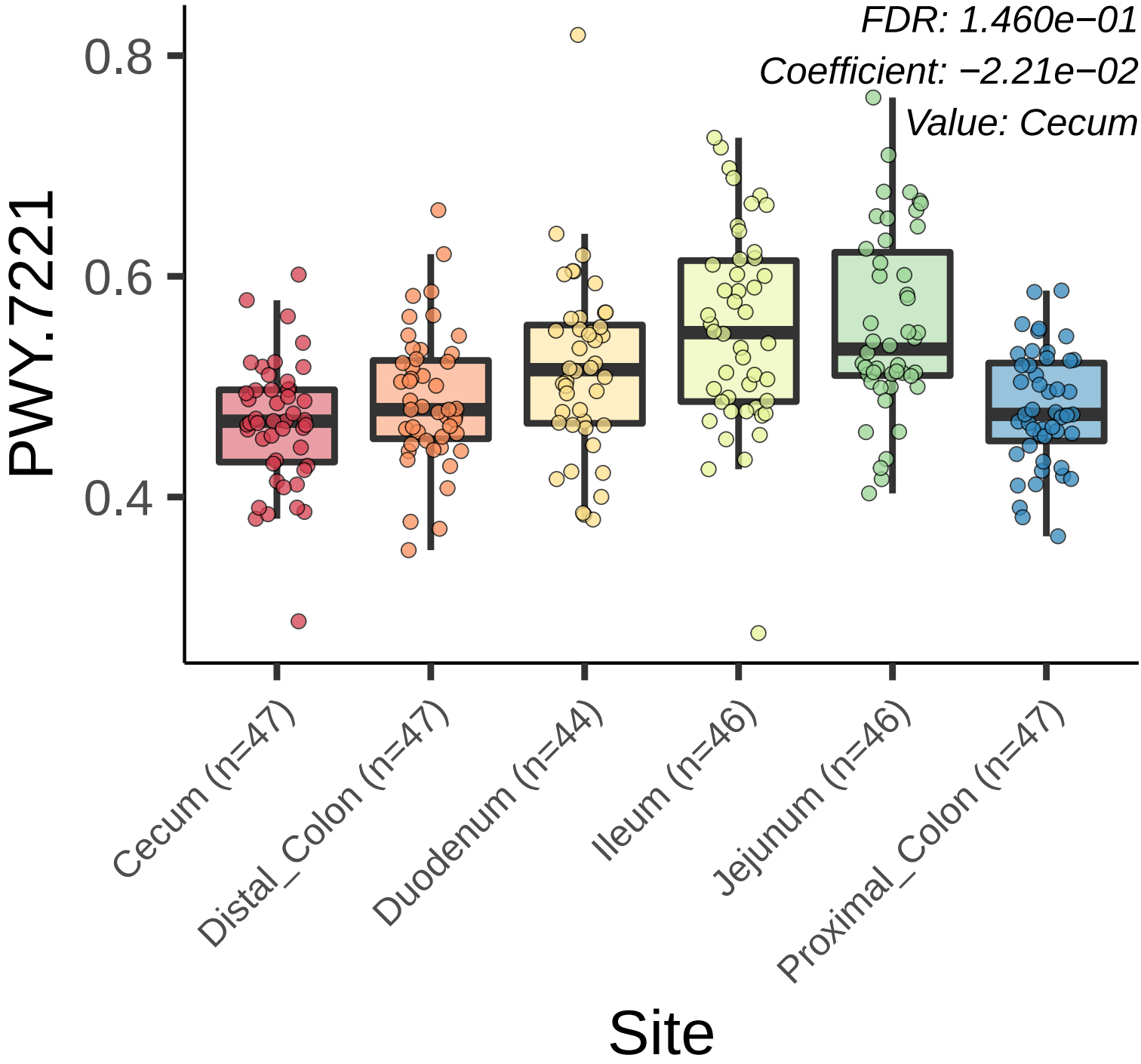
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Jejunum (n=46)
Proximal_Colon (n=47)
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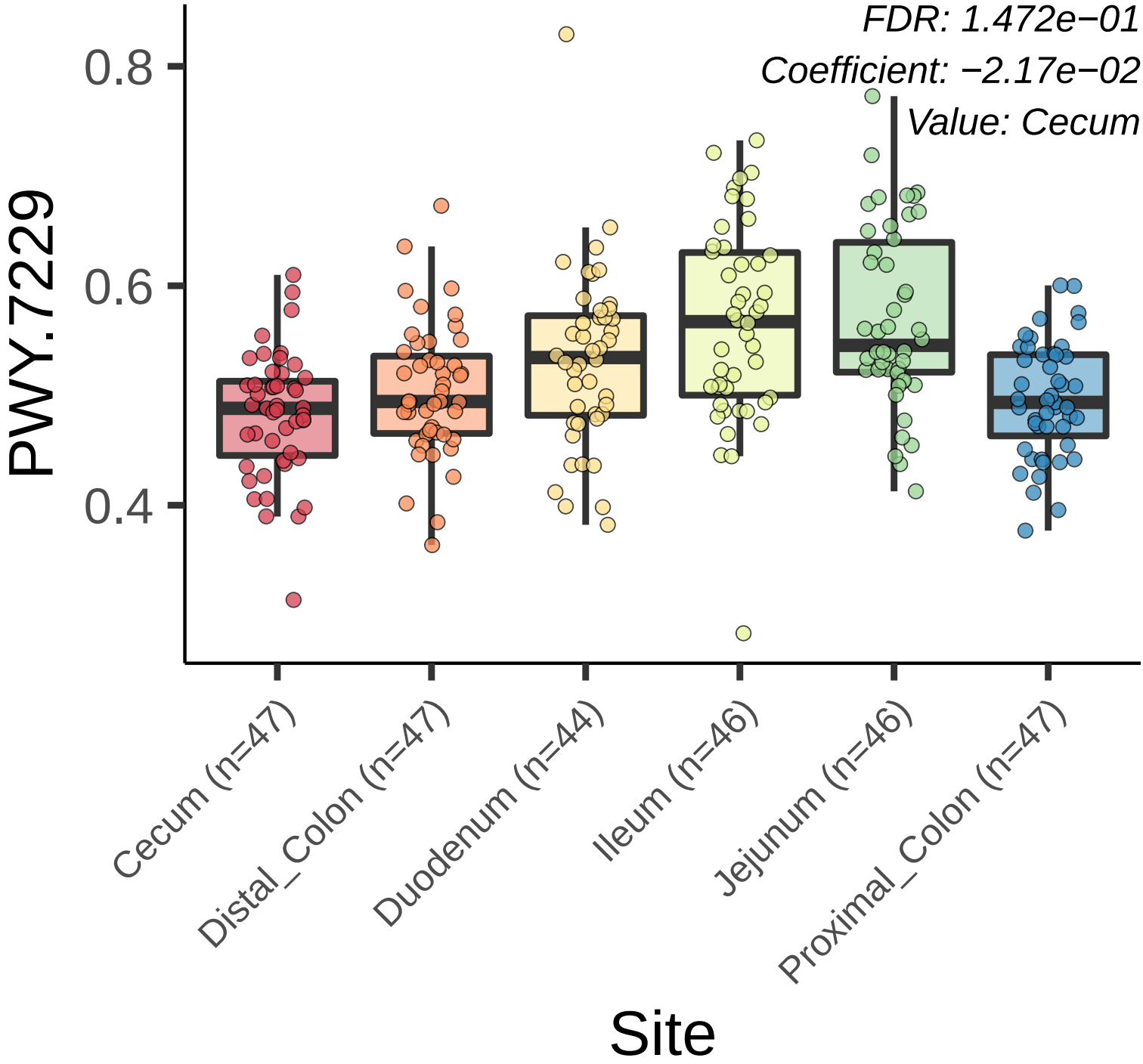
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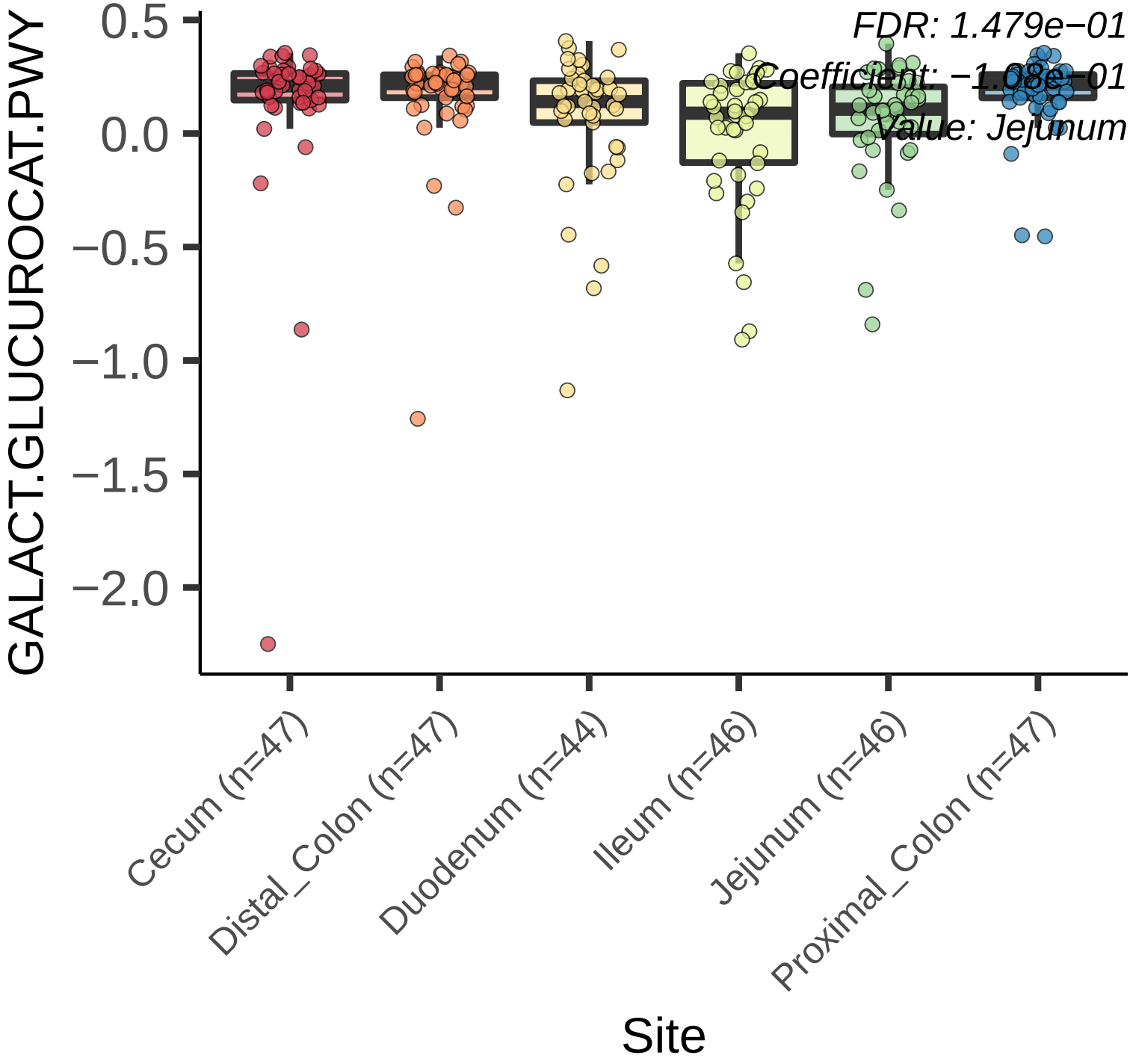
Jejunum (n=46)
Proximal_Colon (n=47)
Site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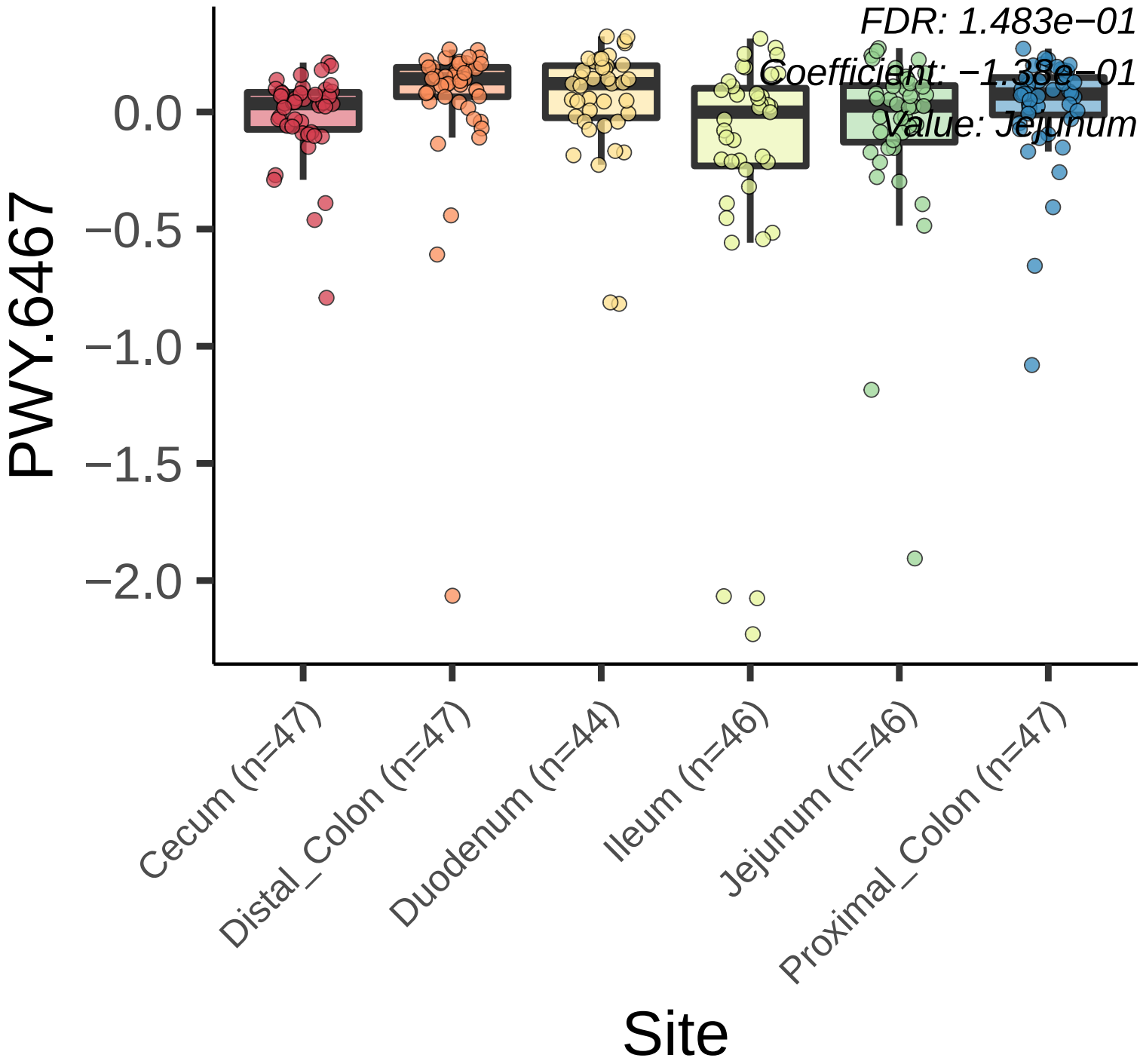
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1.5
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Jejunum (n=46)
Proximal_Colon (n=47)
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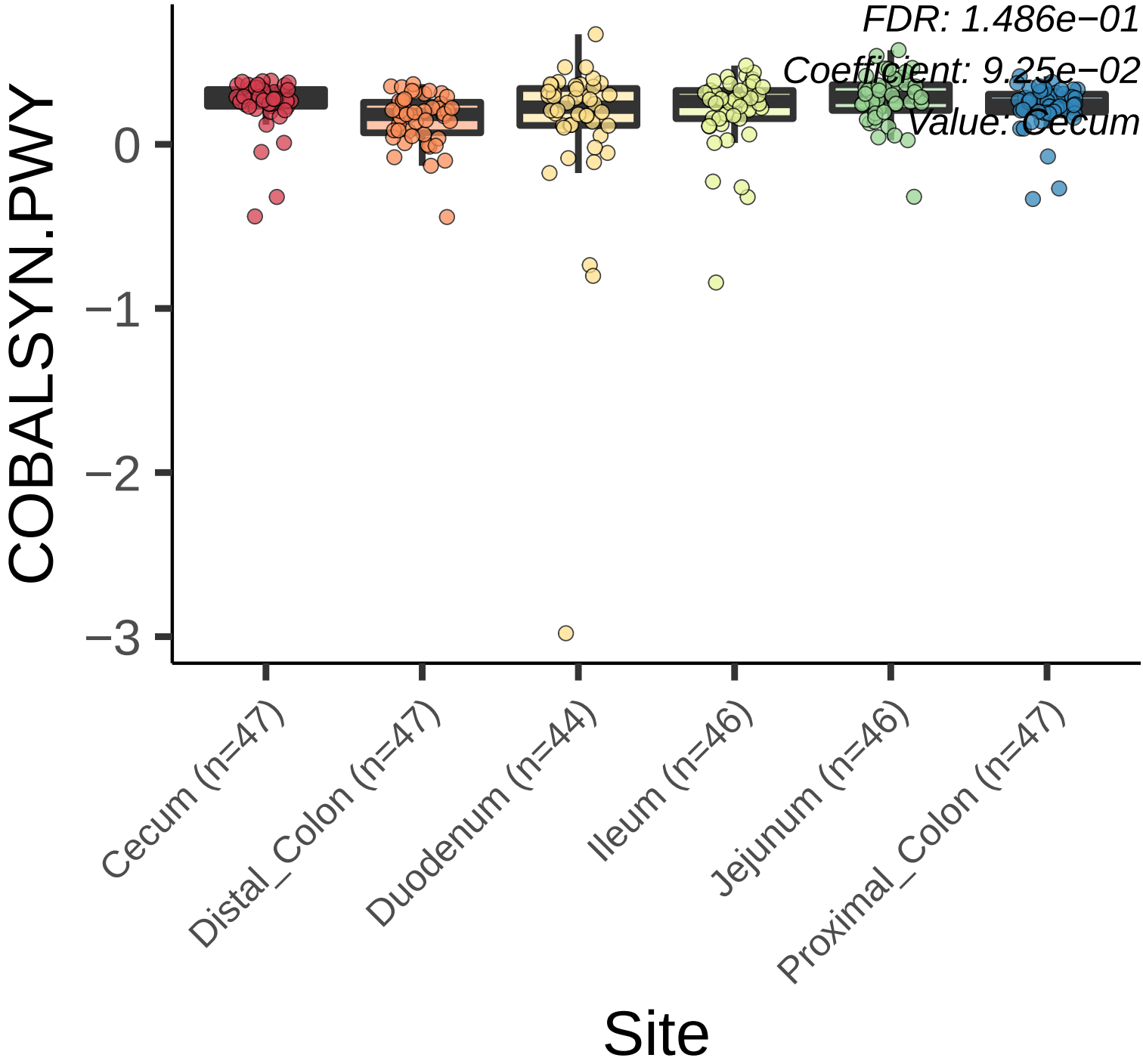
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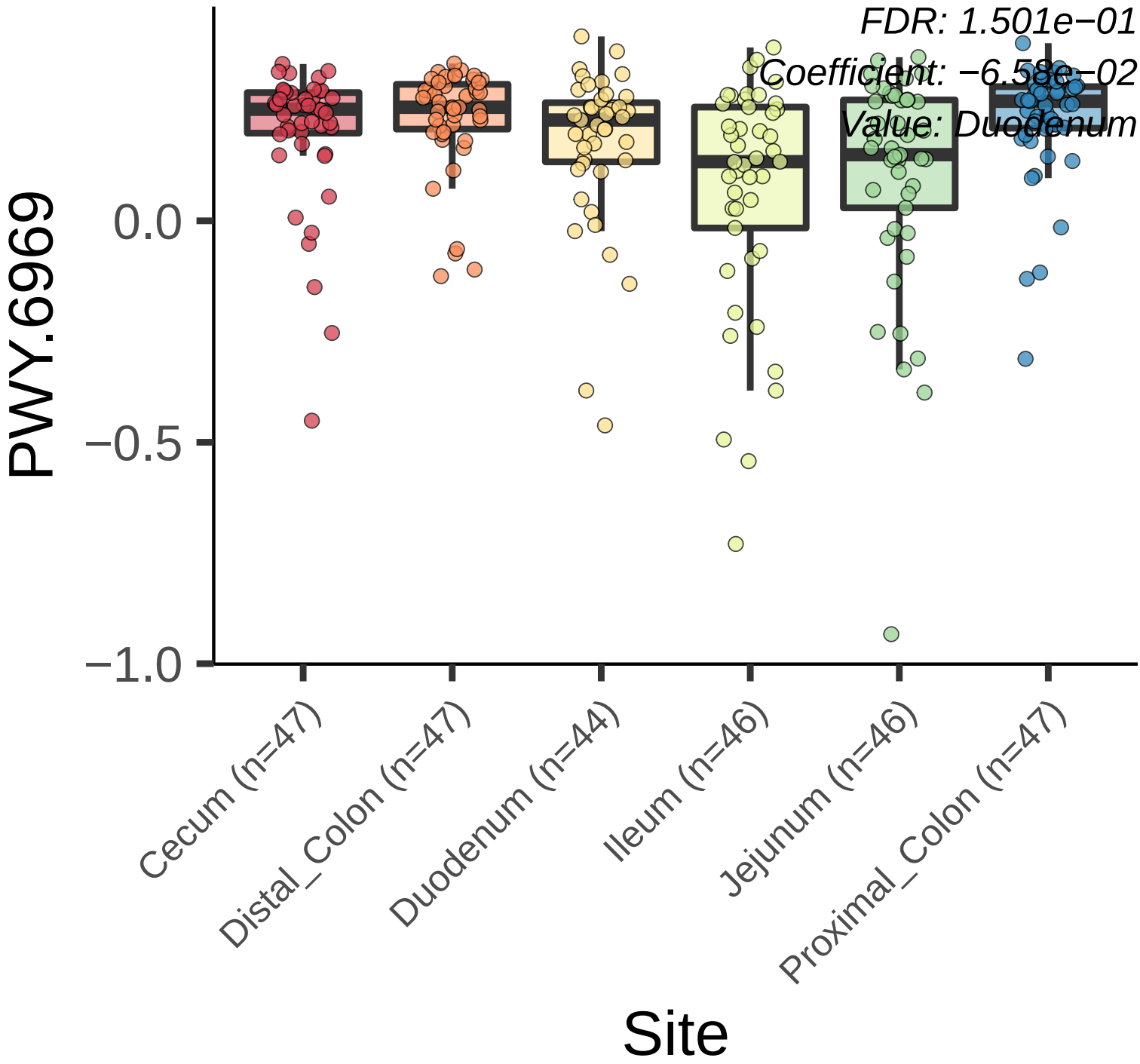
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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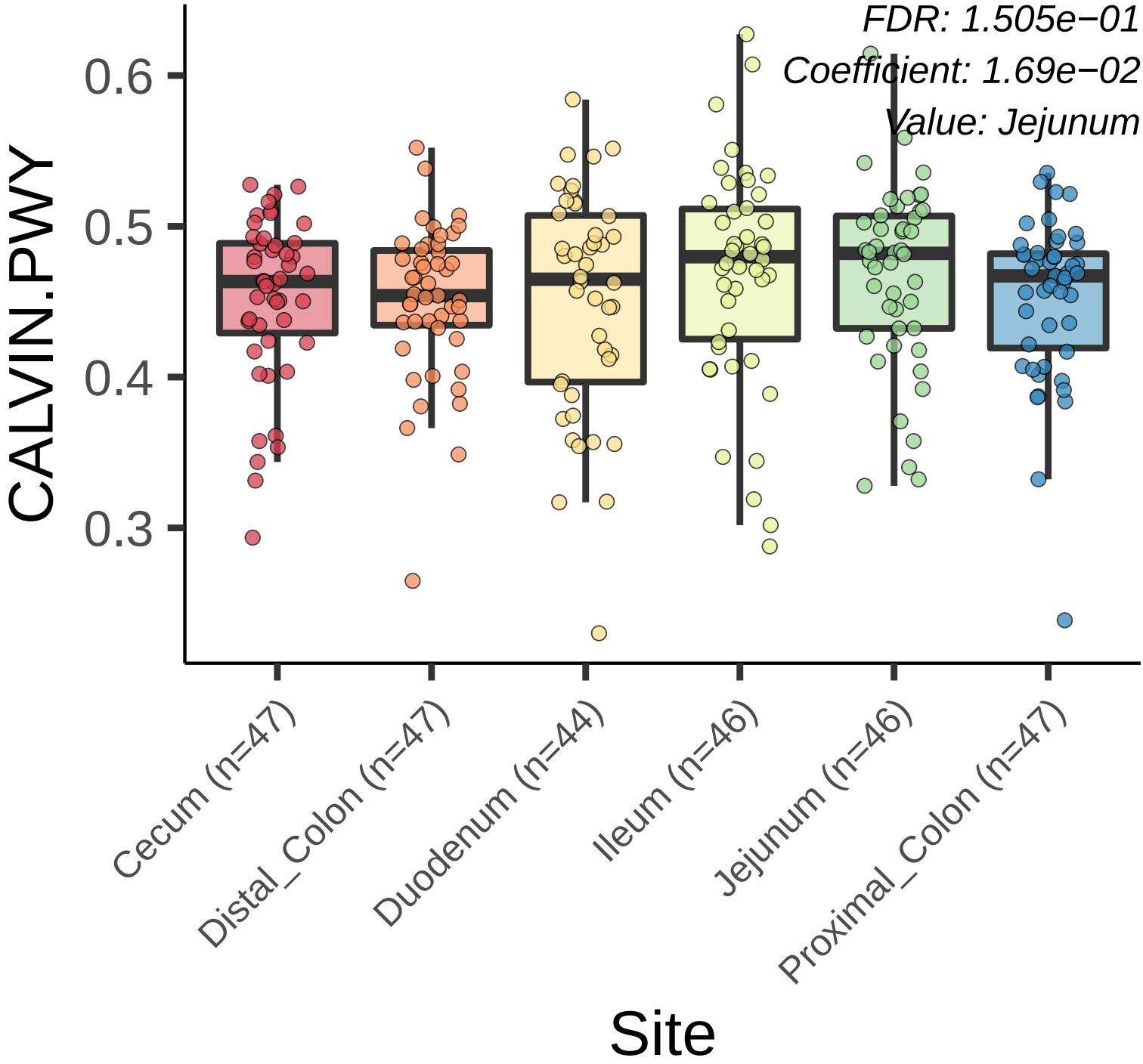
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 1.69e−02
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0.4
0.3
Cecum (n=47)
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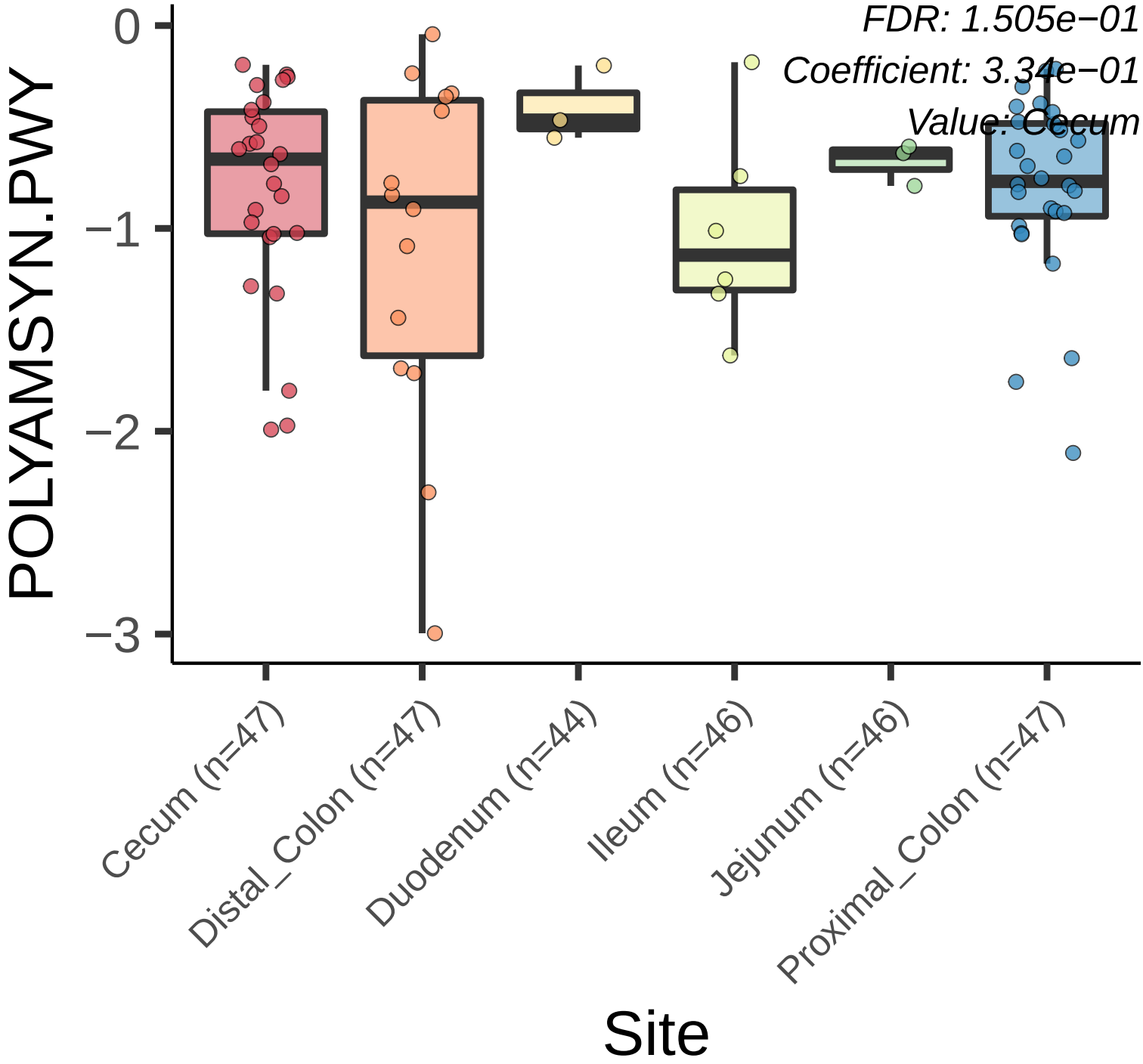
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1
−2
−3
Cecum (n=47)
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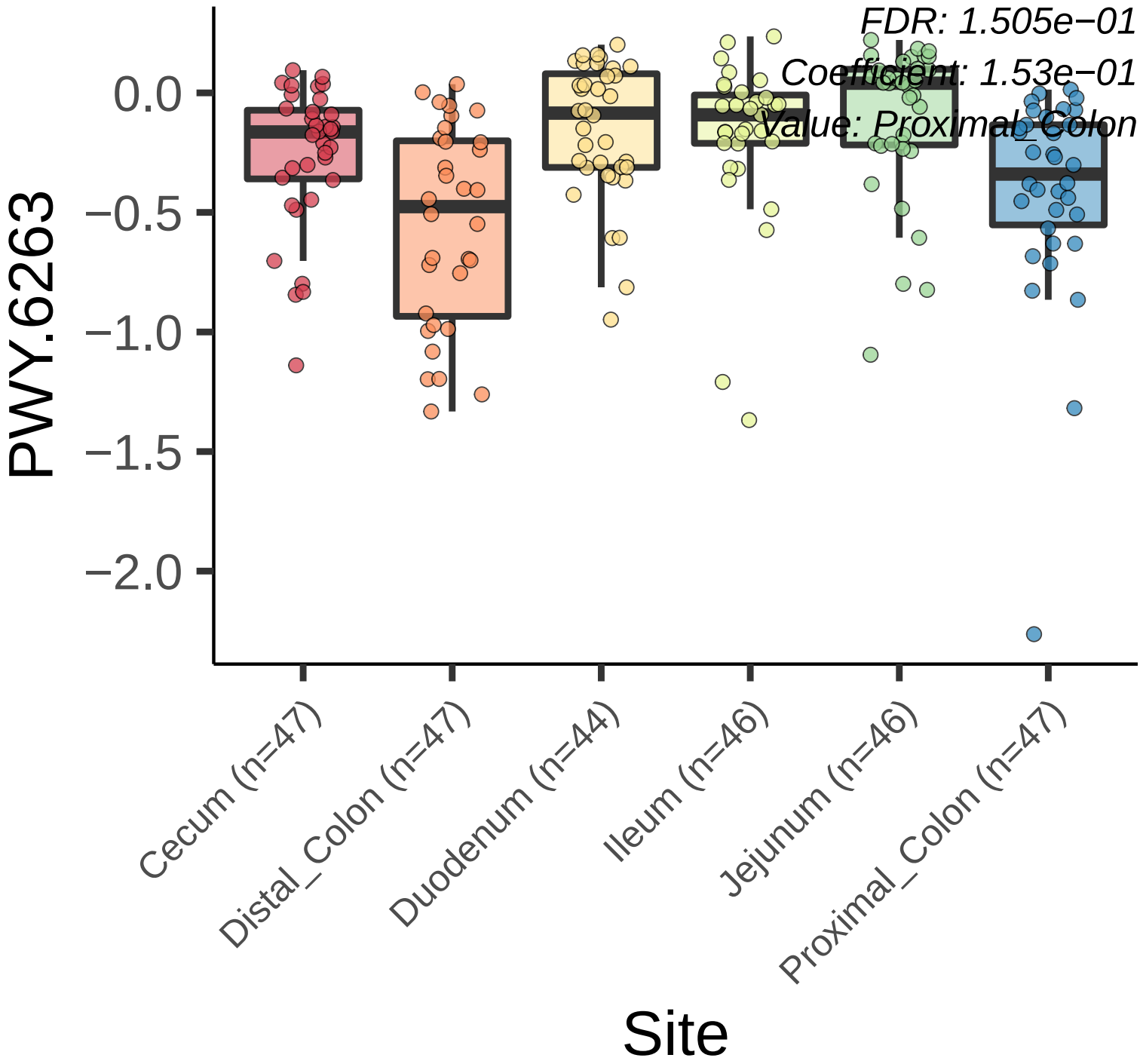
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
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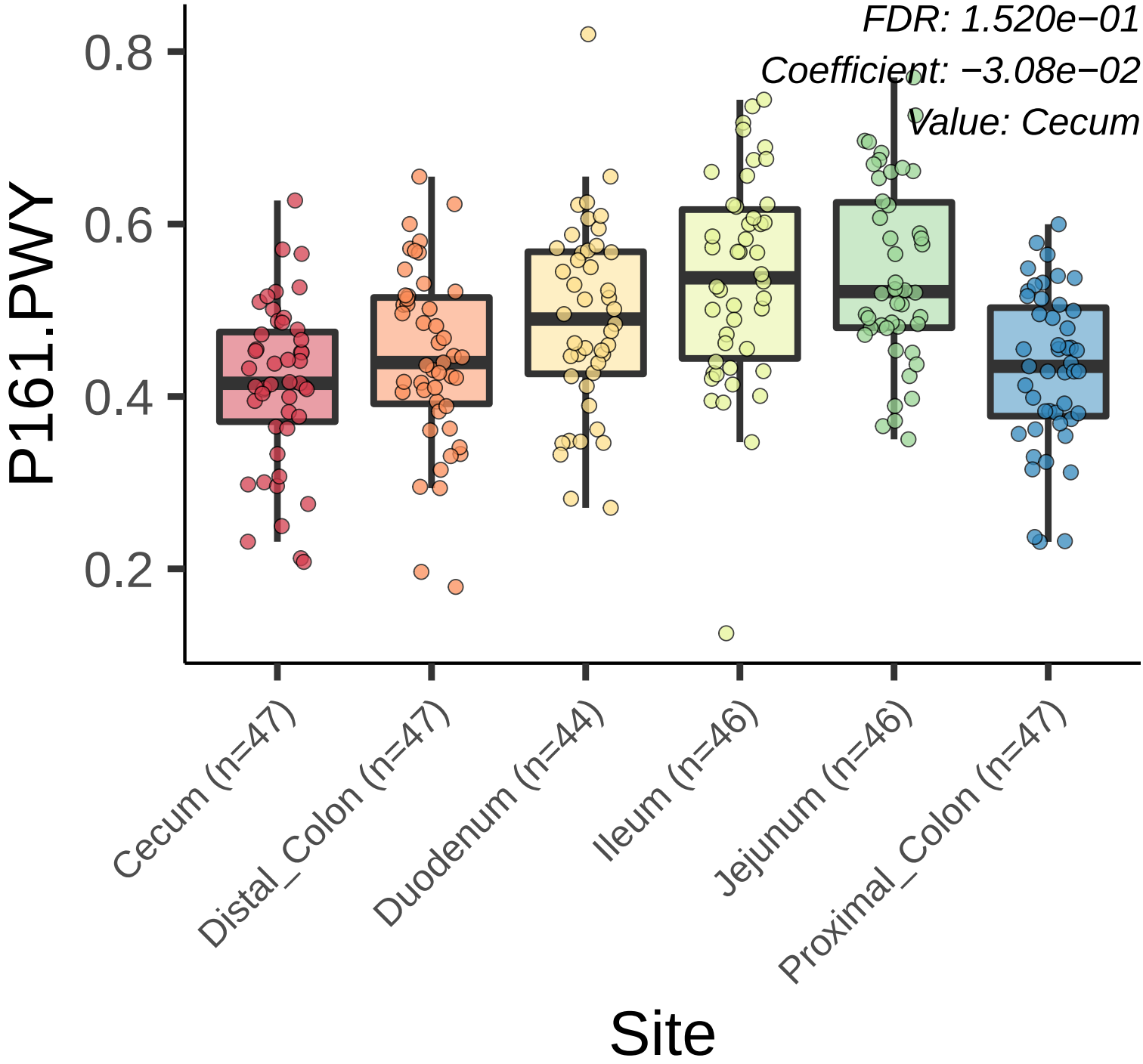
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0.2
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Duodenum (n=44)
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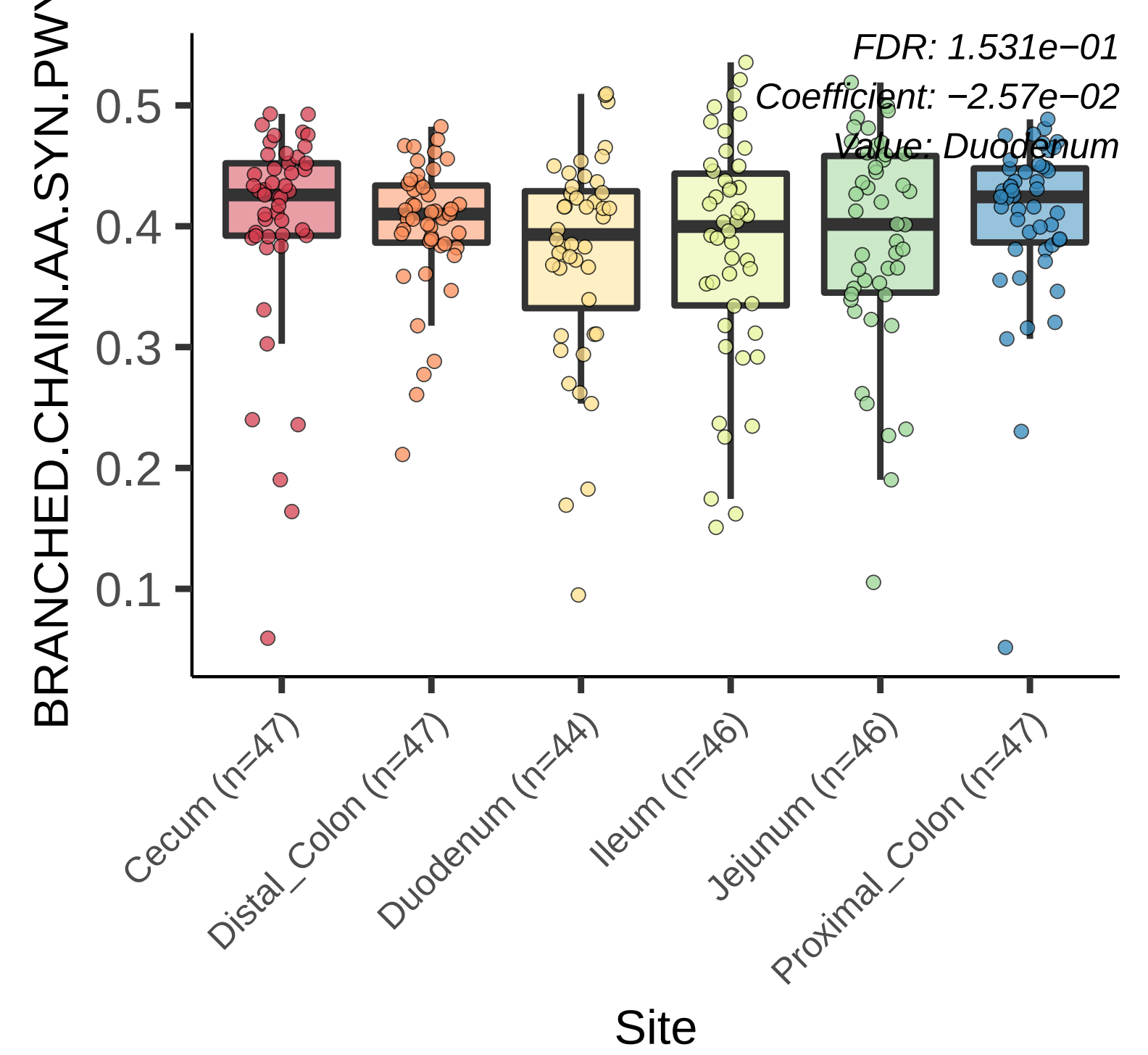
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.2
0.1
Cecum (n=47)
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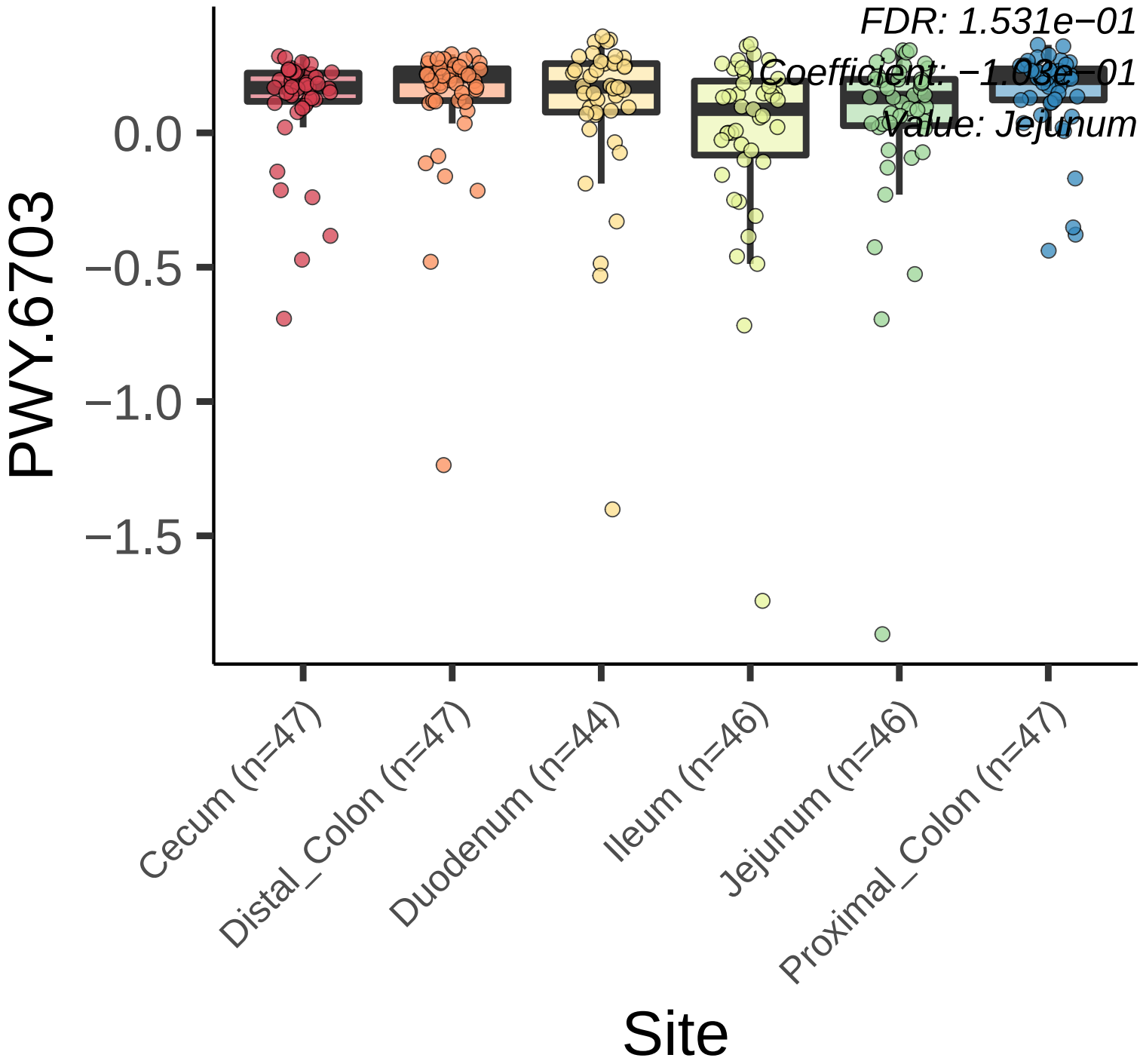
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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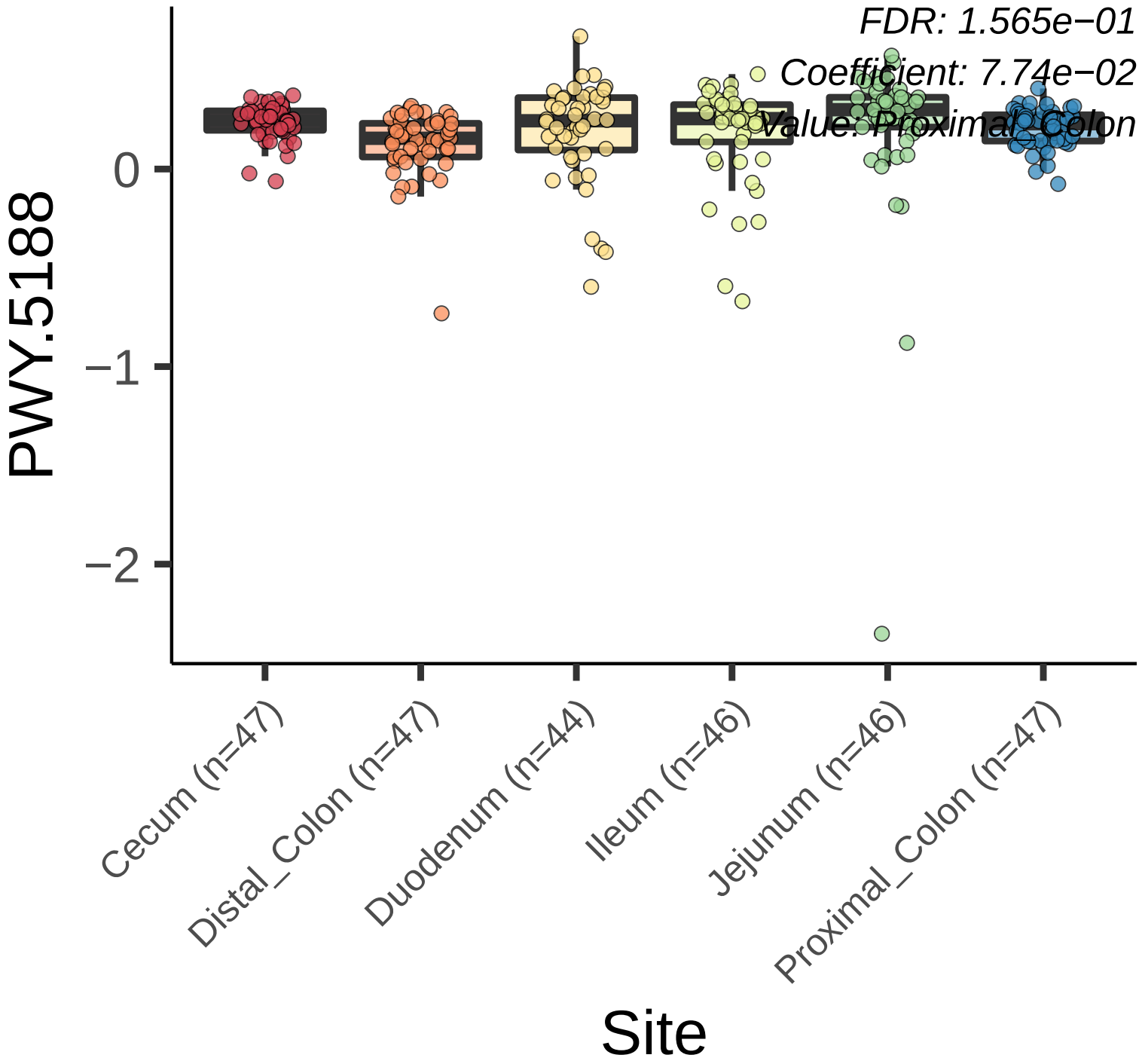
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Ileum (n=46)
Jejunum (n=46)
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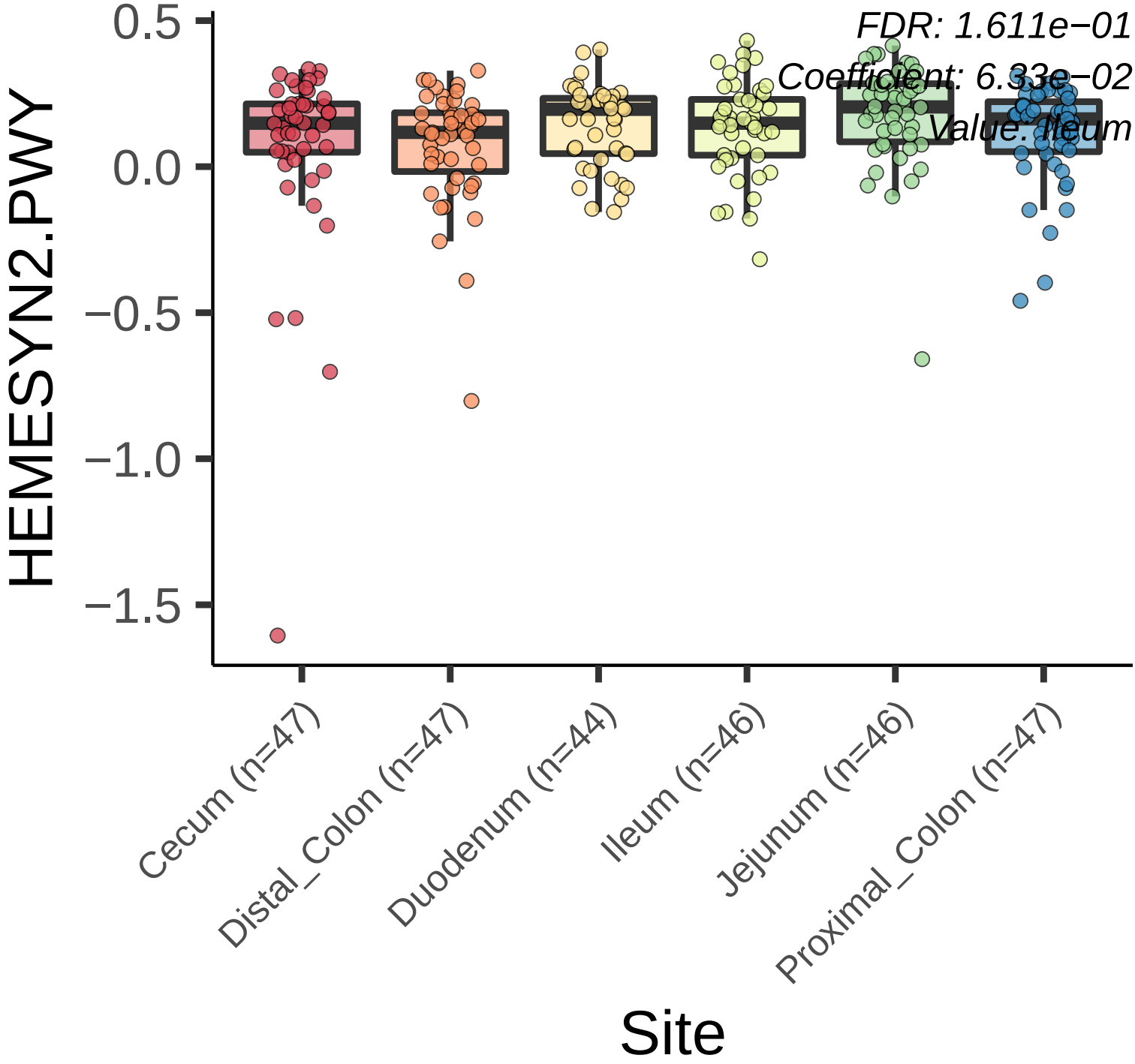
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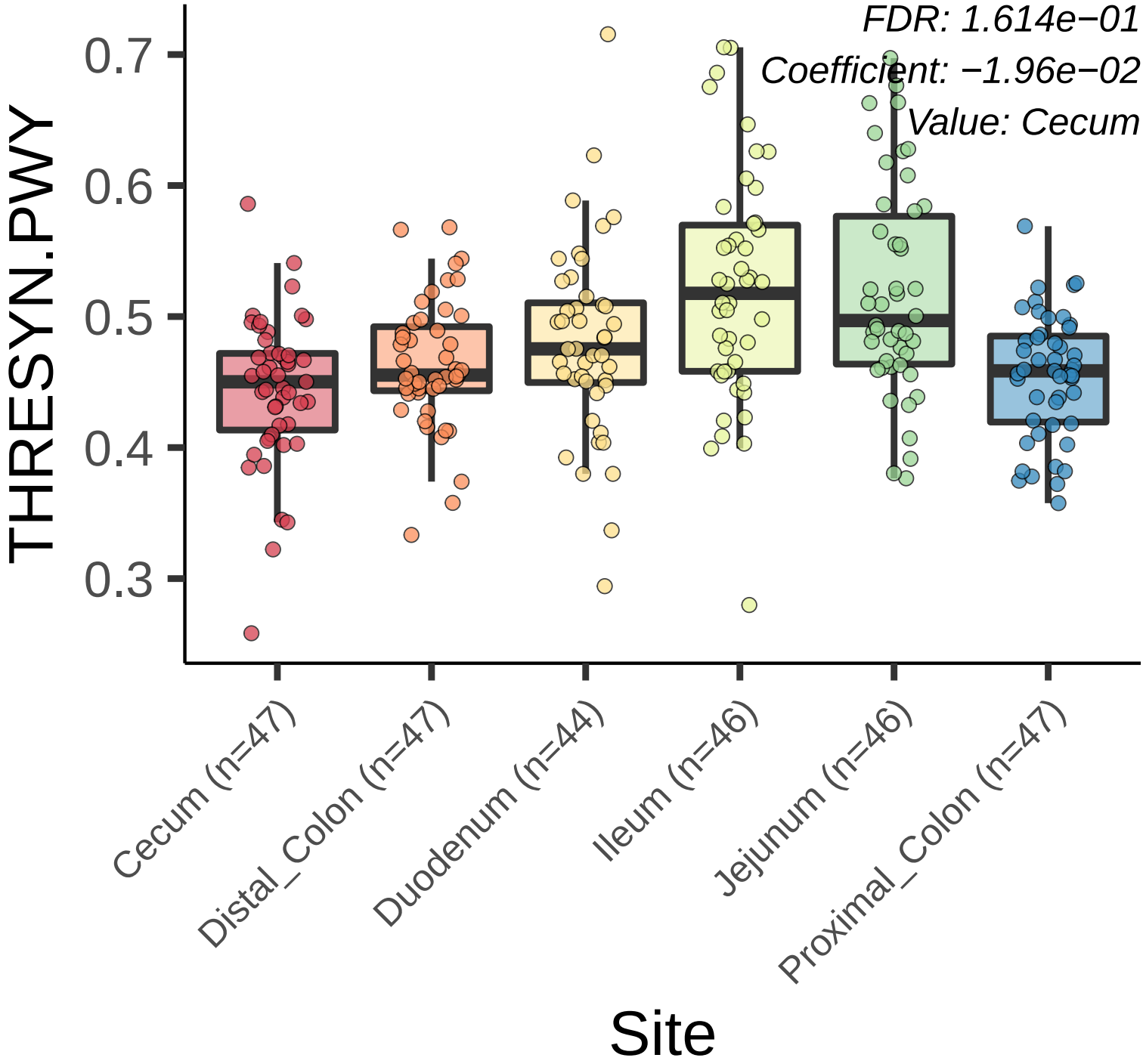
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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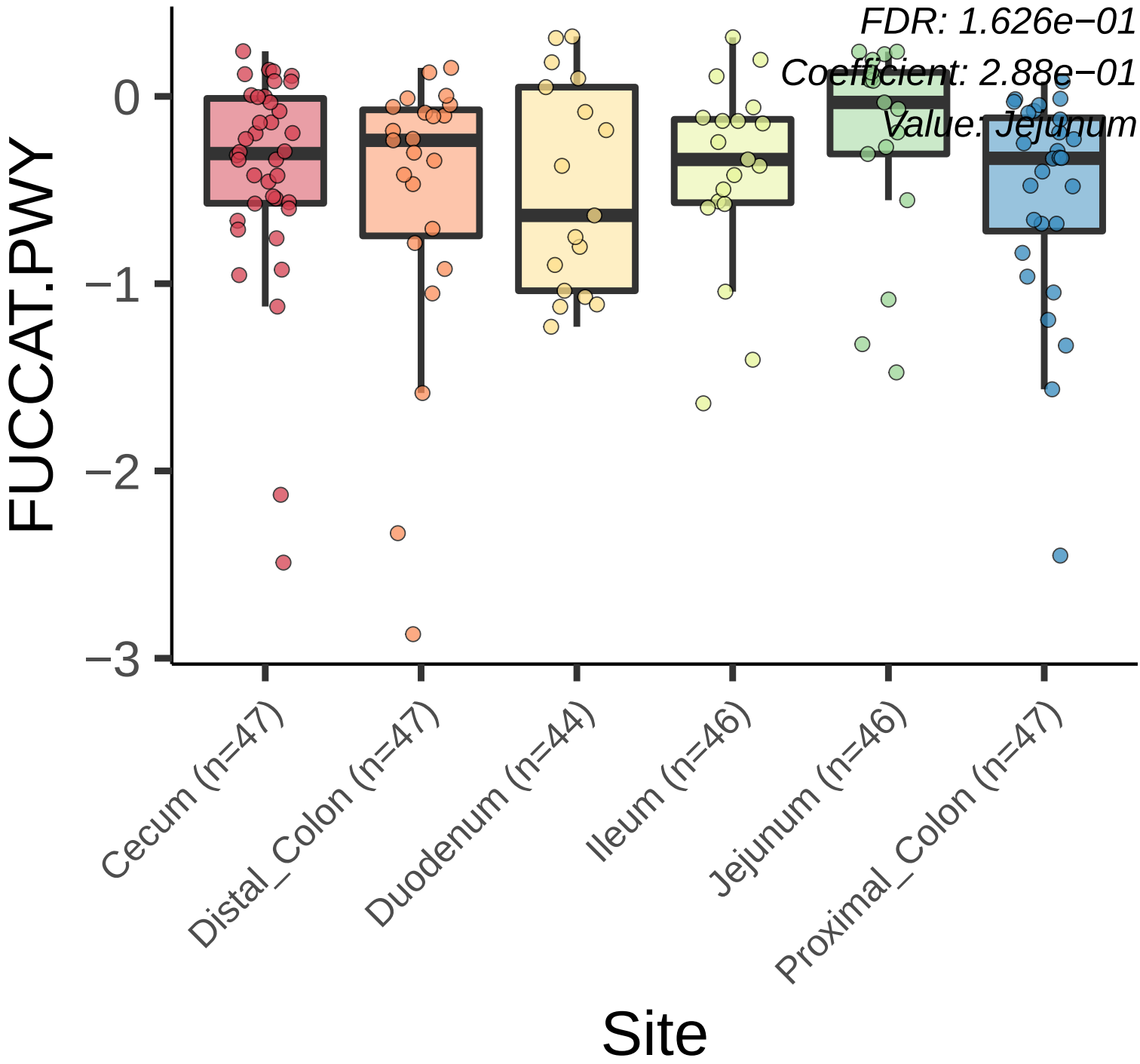
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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Jejunum (n=46)
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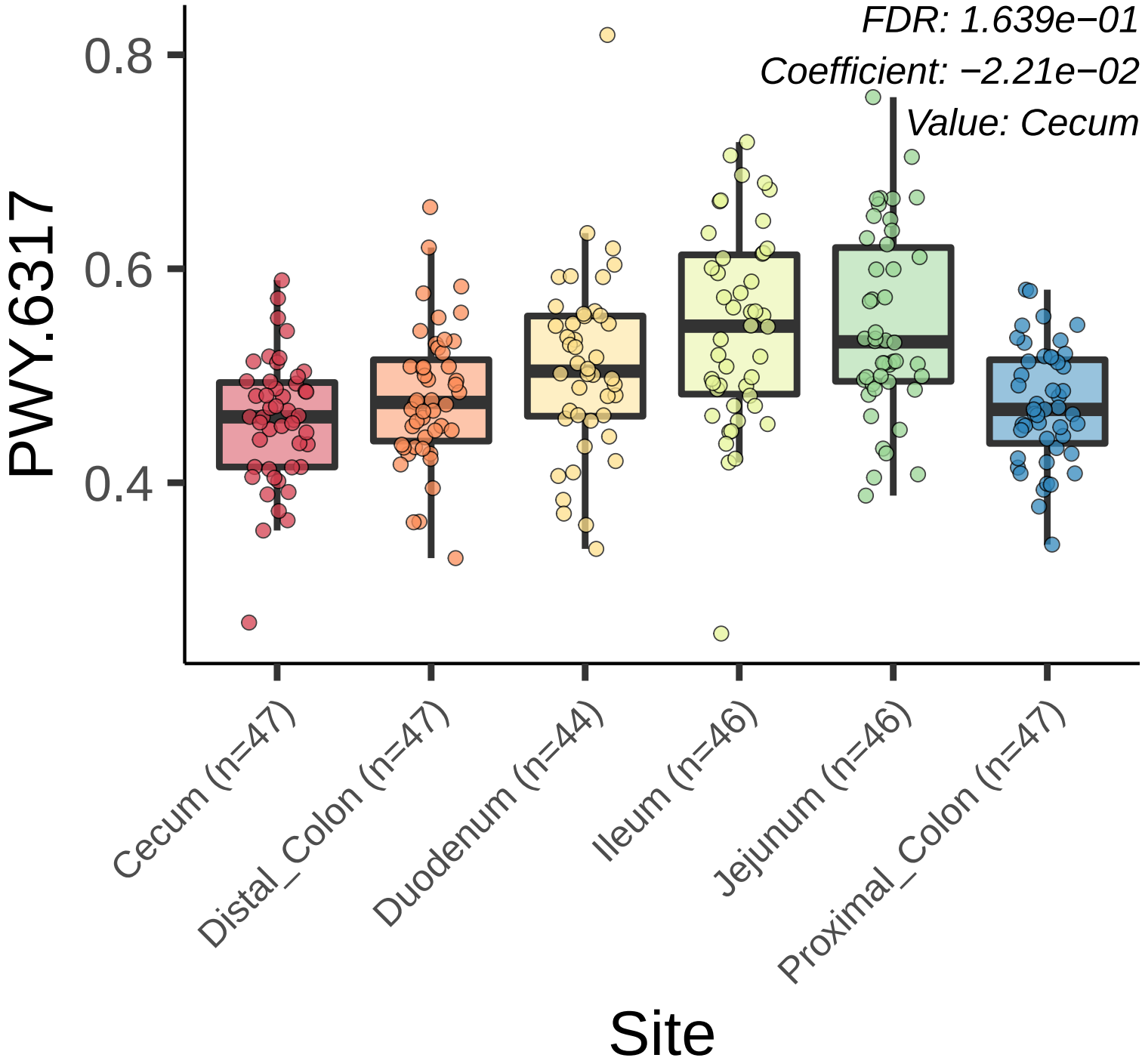
Site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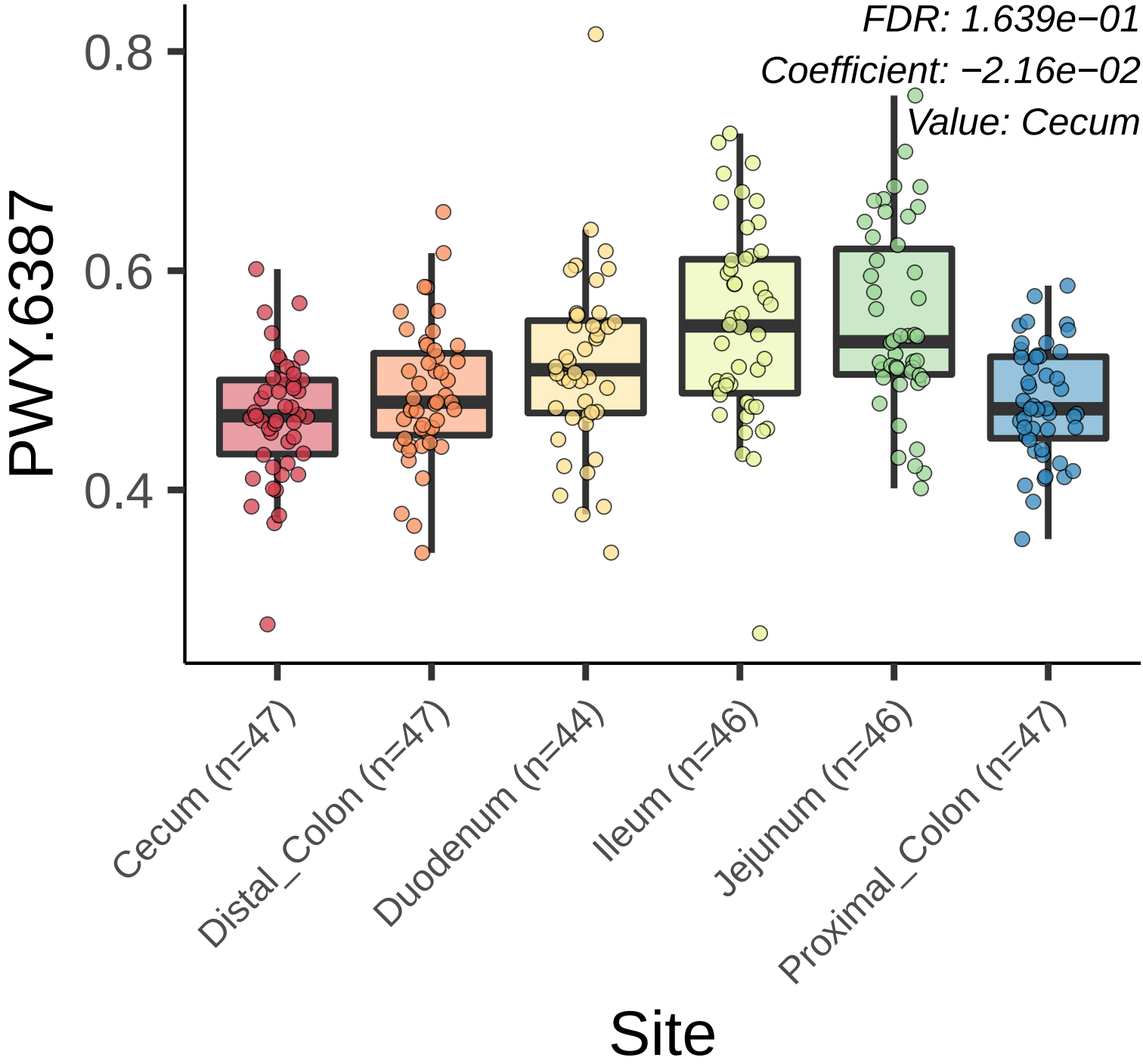
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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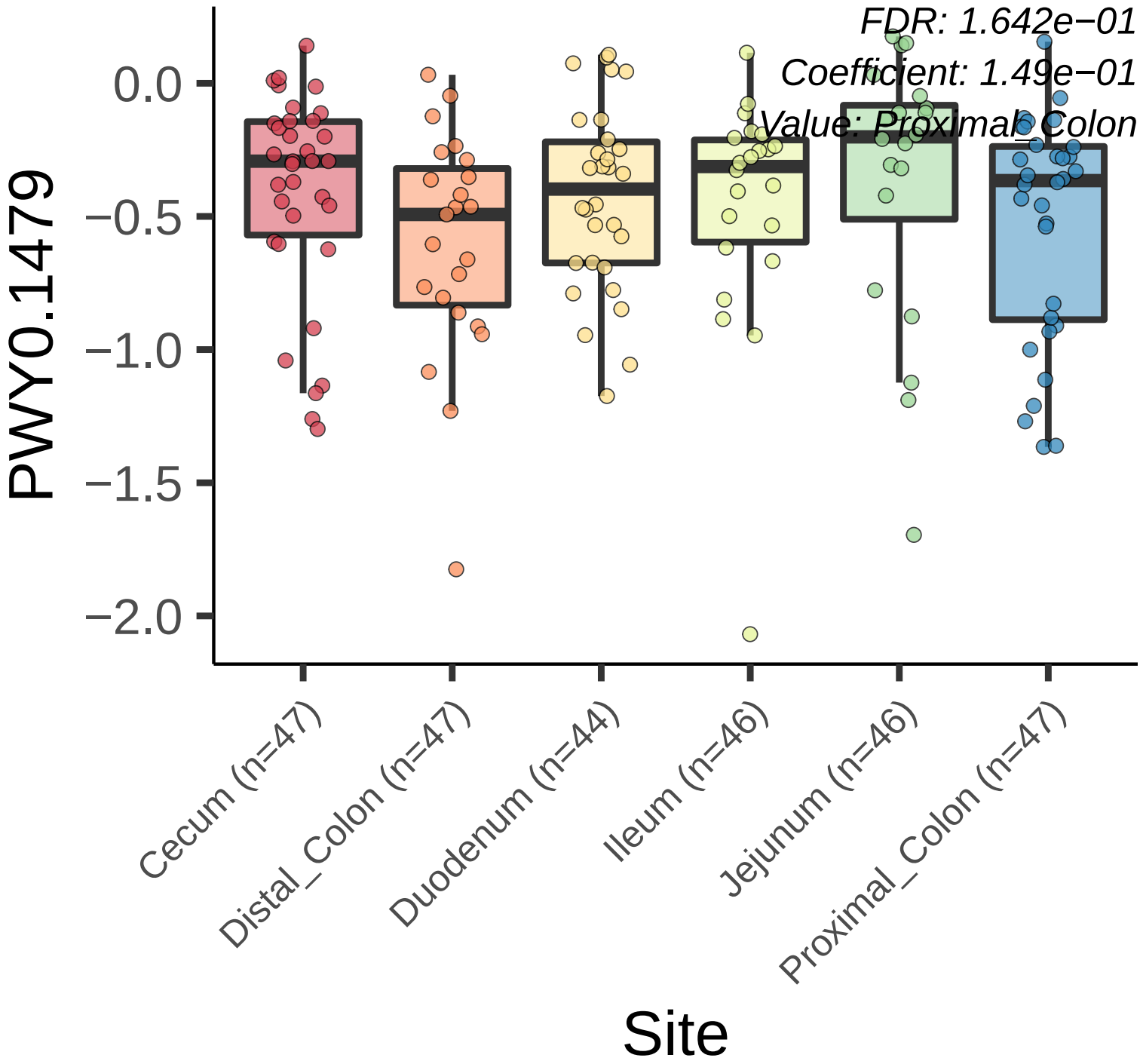
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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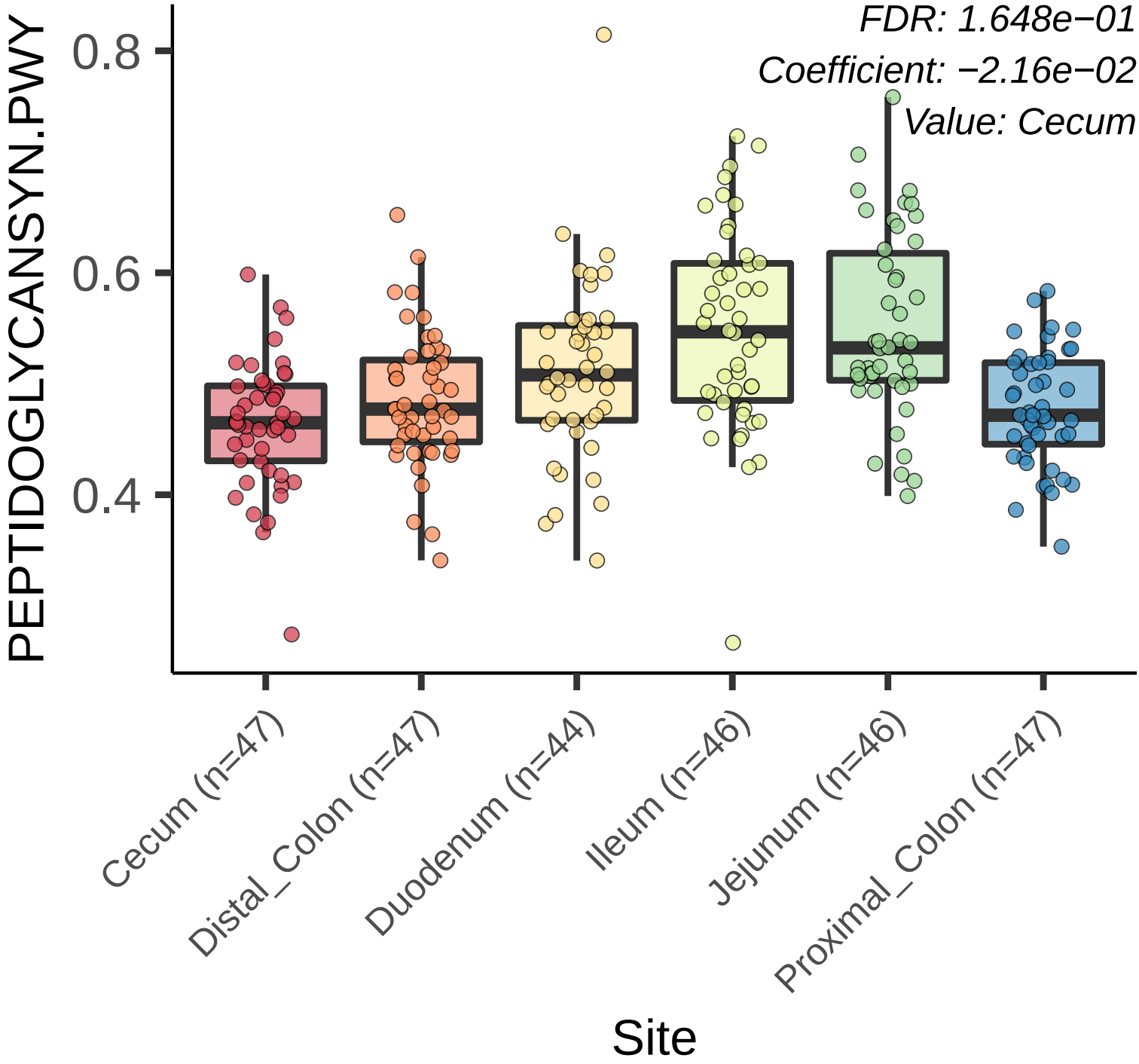
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
Cecum (n=47)
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Ileum (n=46)
Jejunum (n=46)
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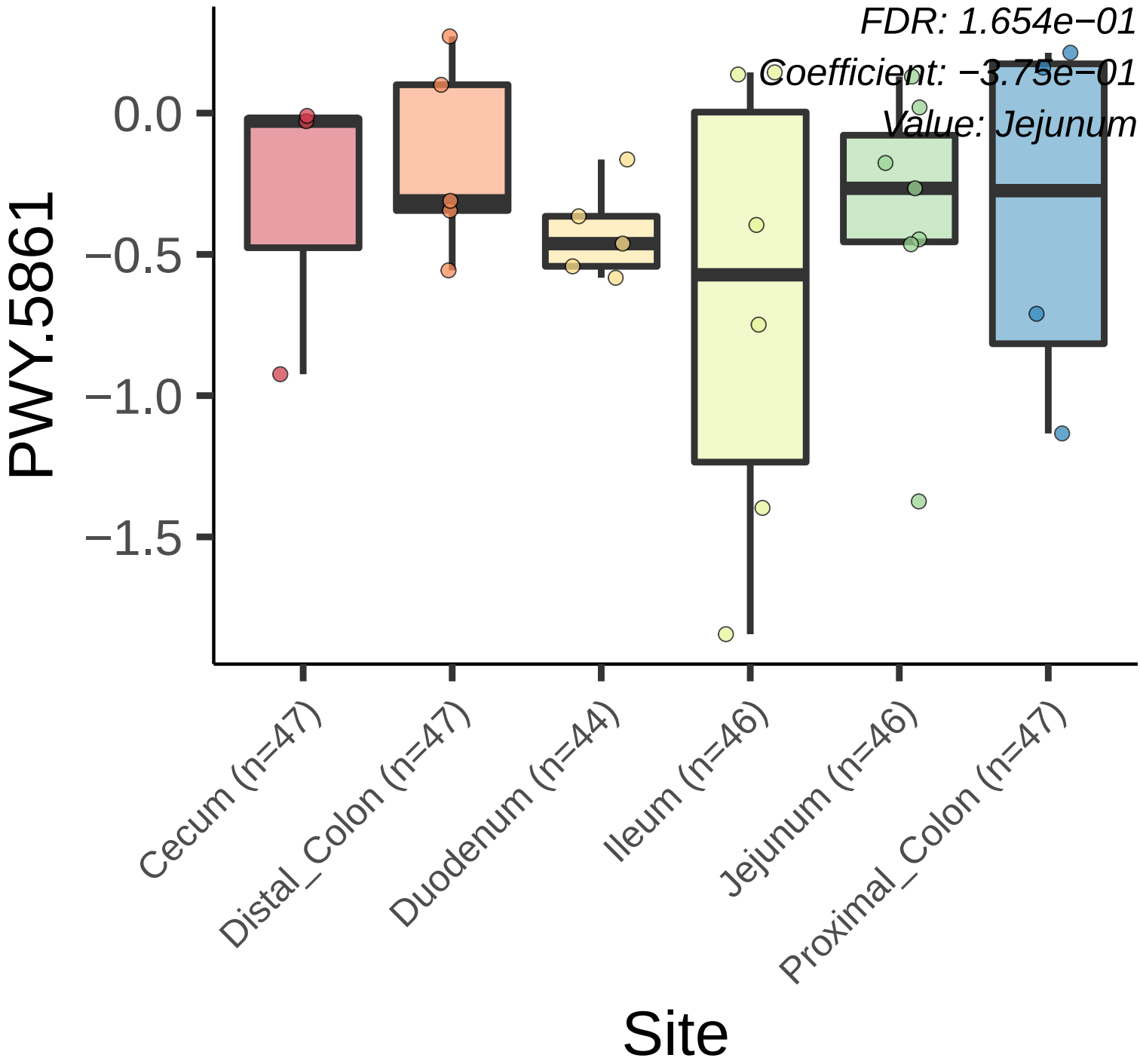
Site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−1.5
Cecum (n=47)
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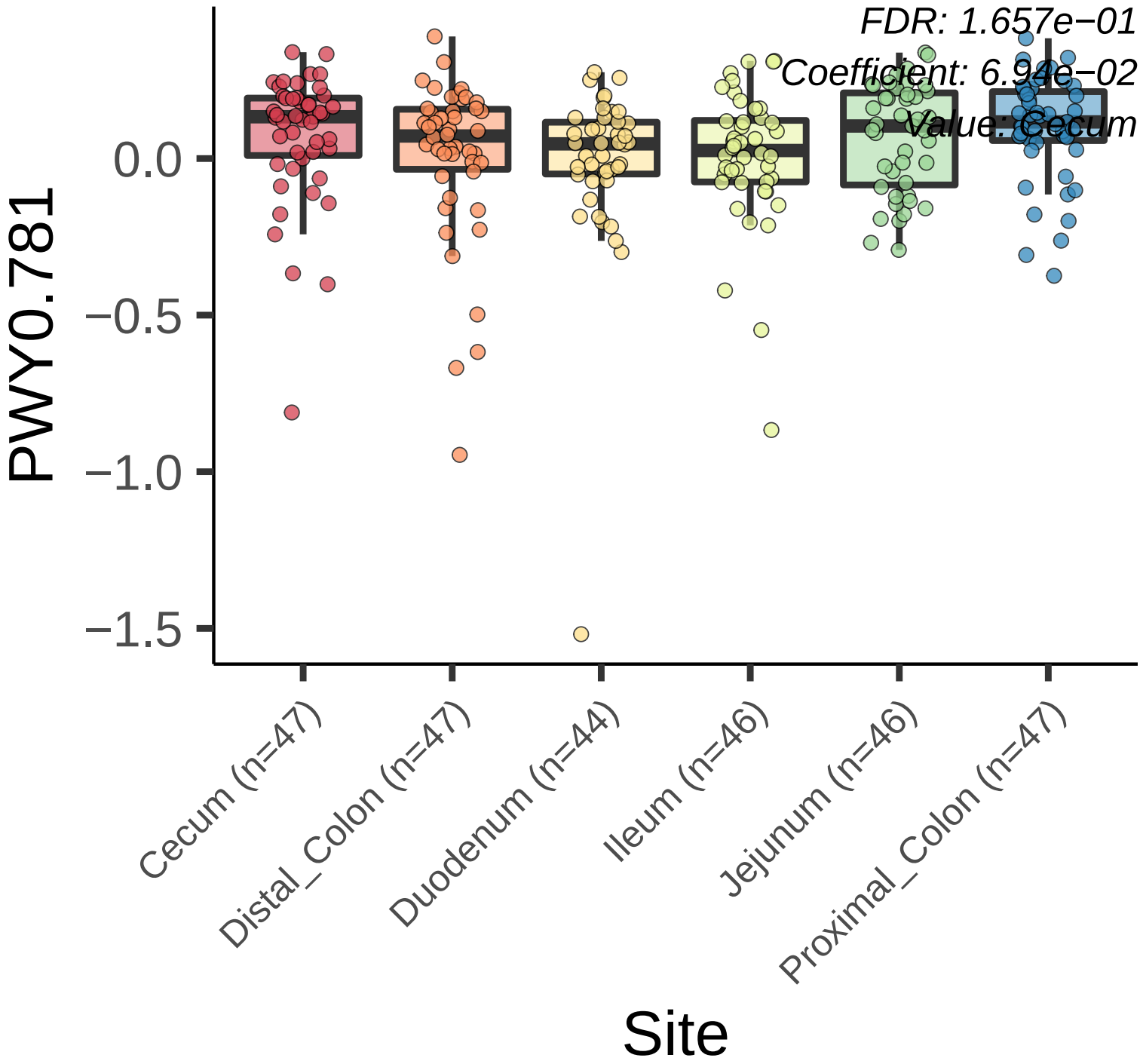
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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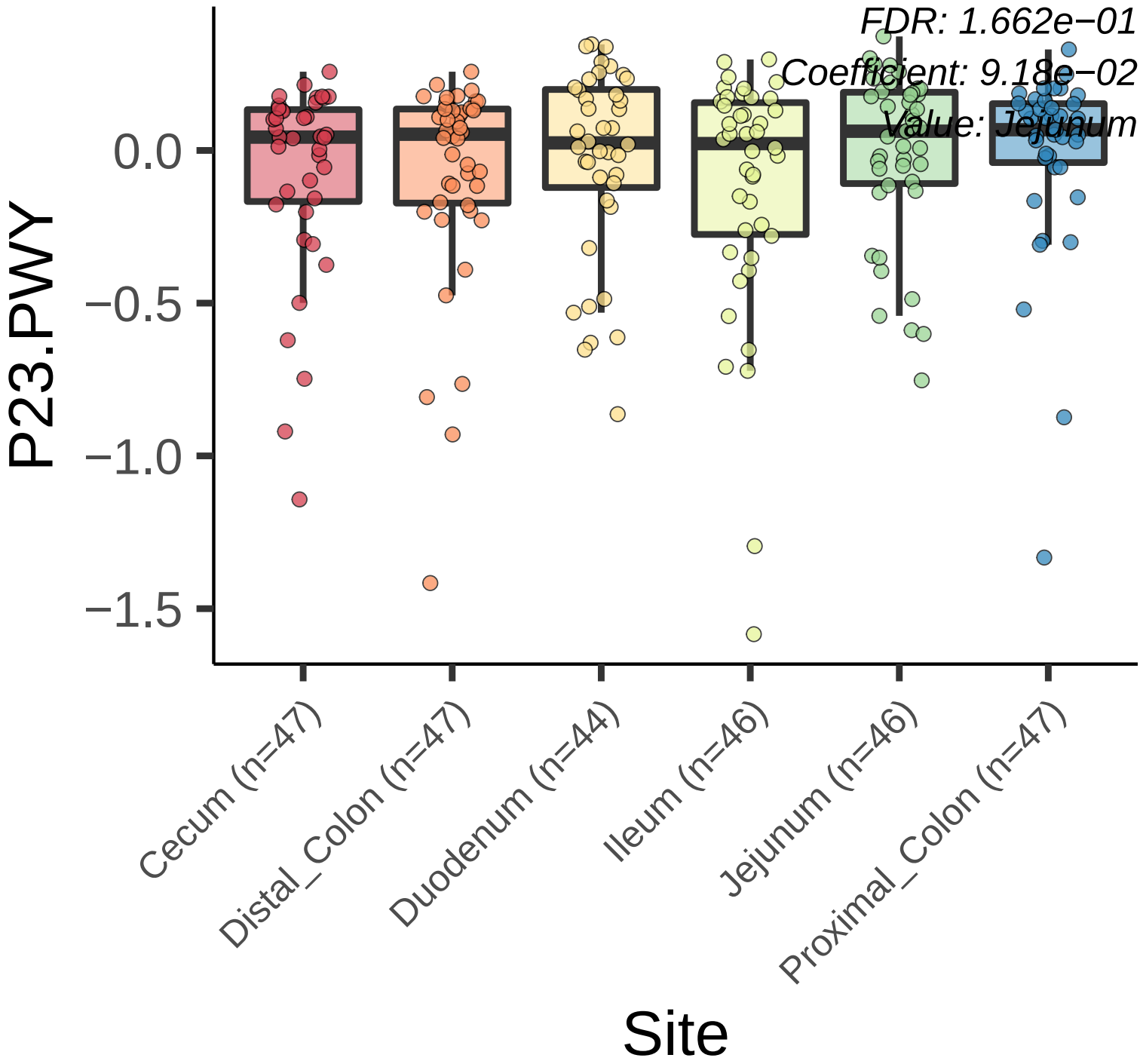
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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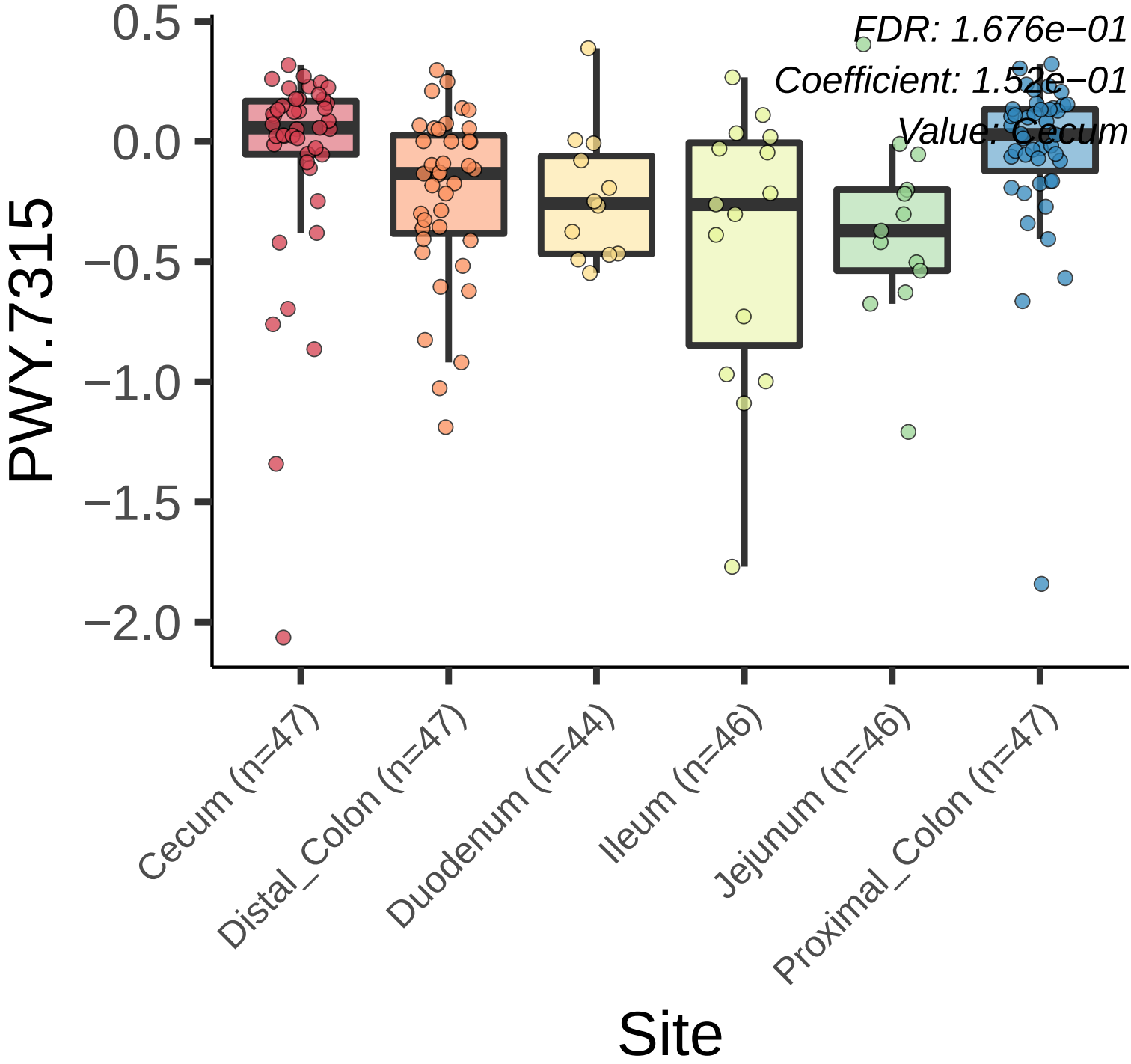
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Cecum (n=47)
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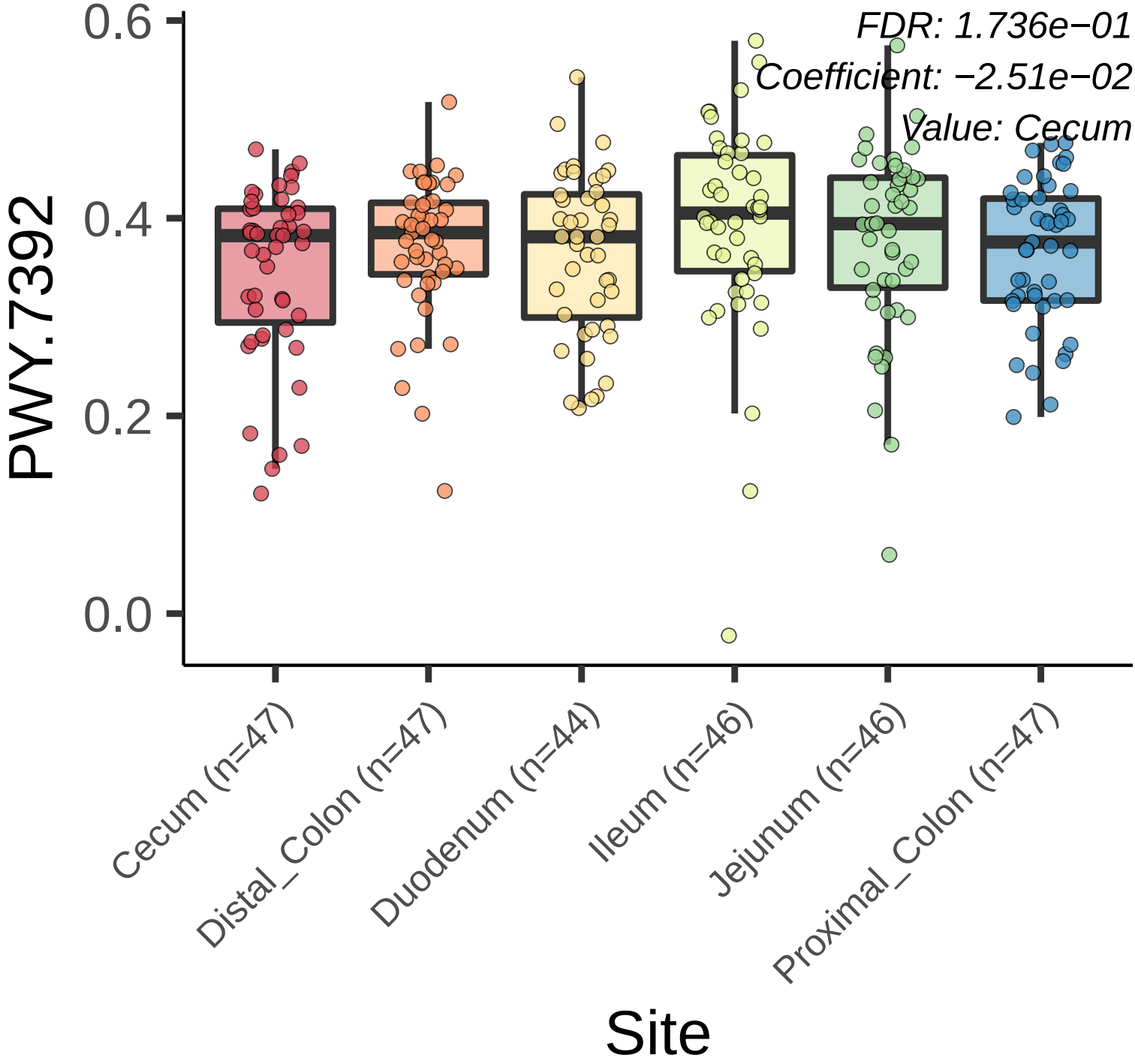
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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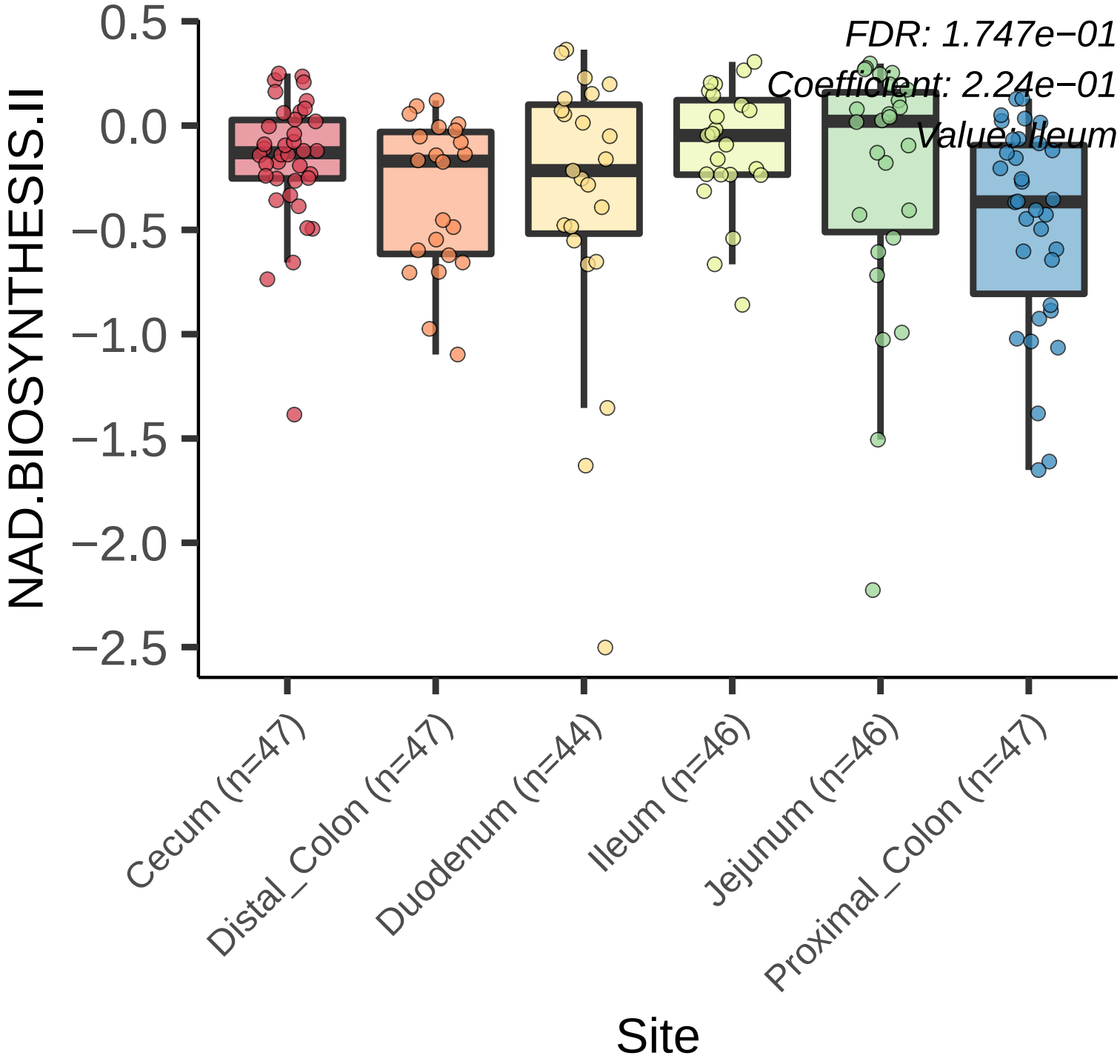
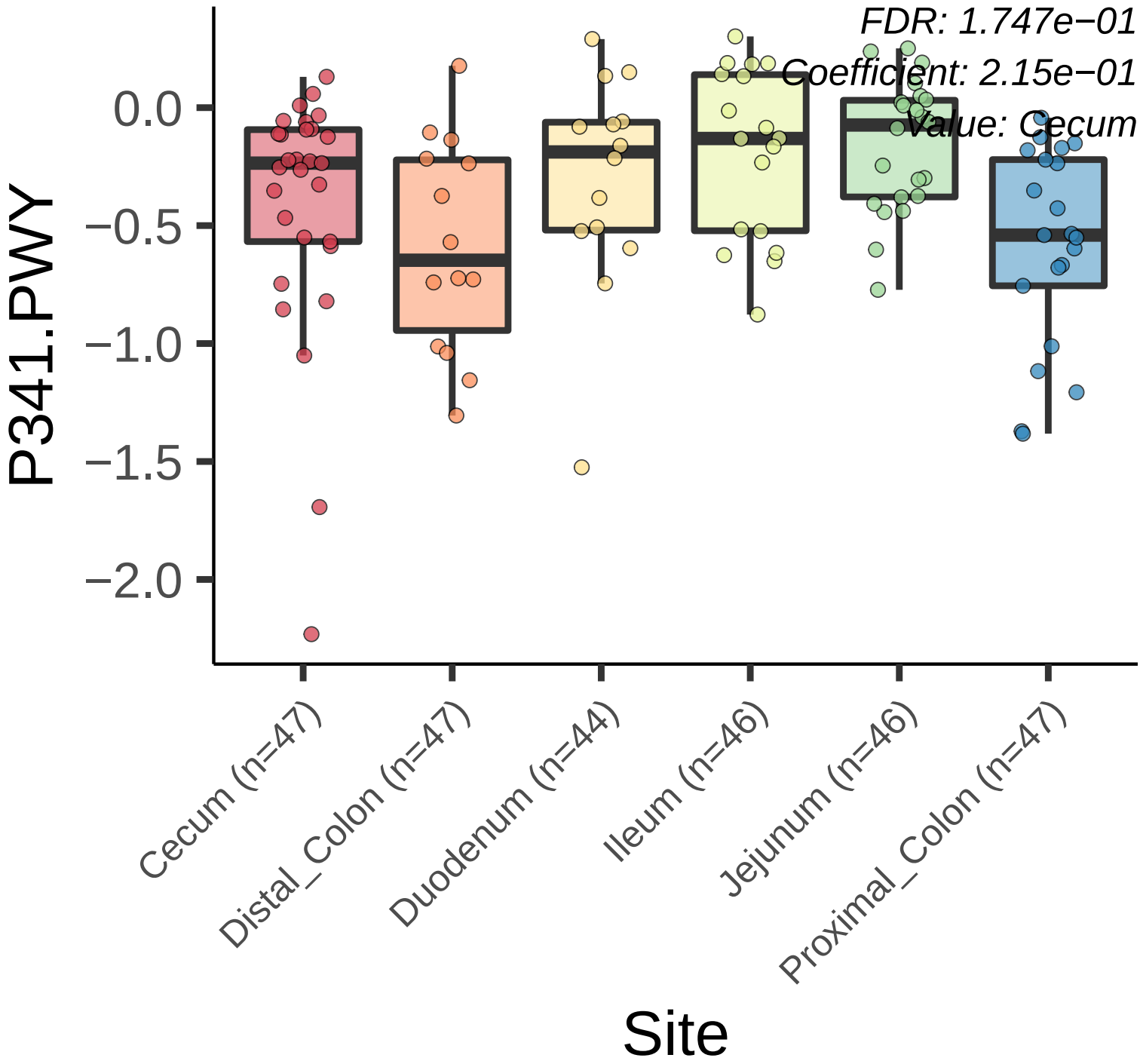
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.747e−01
Coefficient: 2.24e−01
Value: Ileum
NAD.BIOSYNTHESIS.II
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.747e−01
Coefficient: 2.15e−01
Value: Cecum
P341.PWY
0.0
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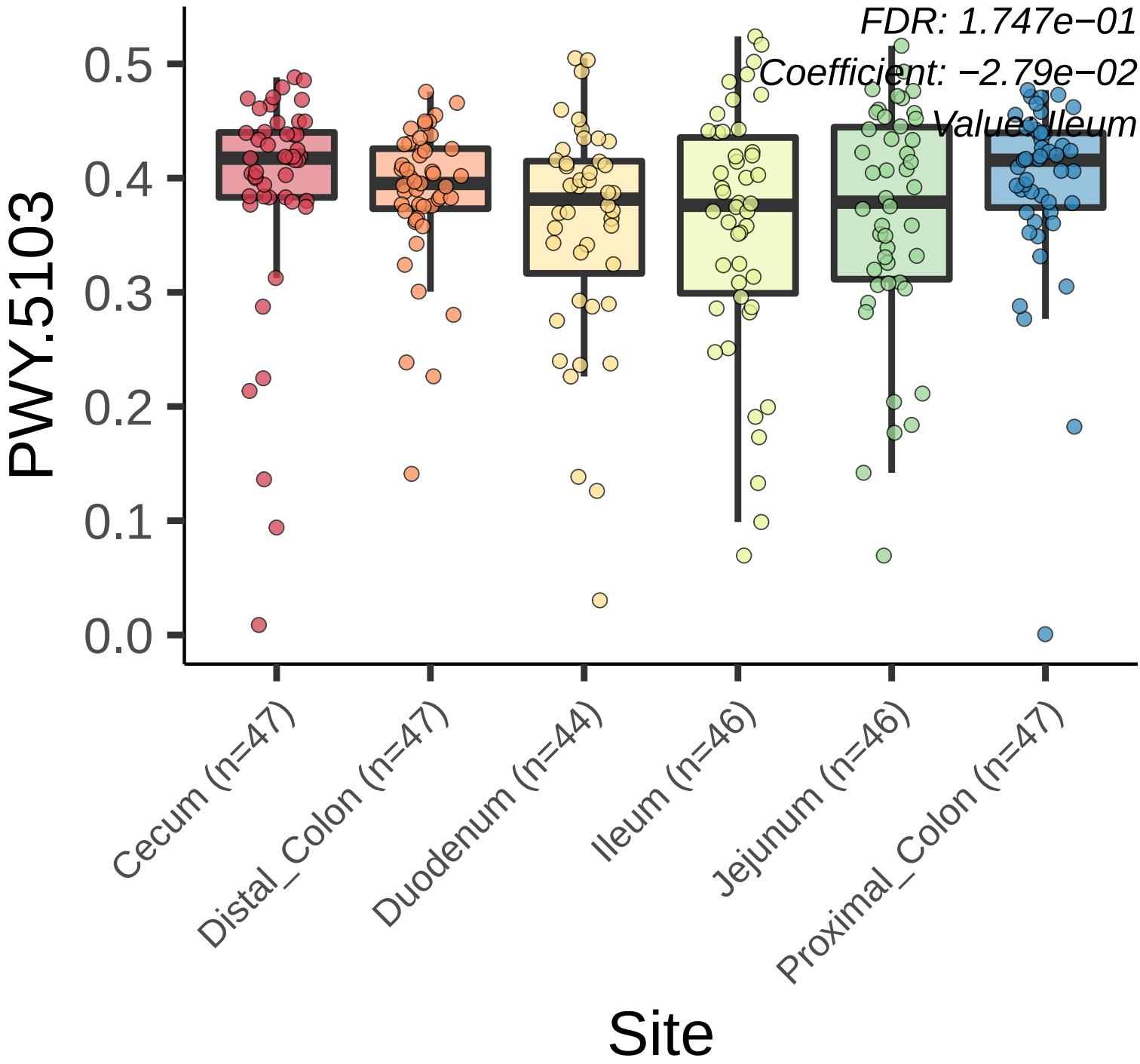
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.747e−01
Coefficient: −2.79e−02
Value: Ileum
PWY.5103
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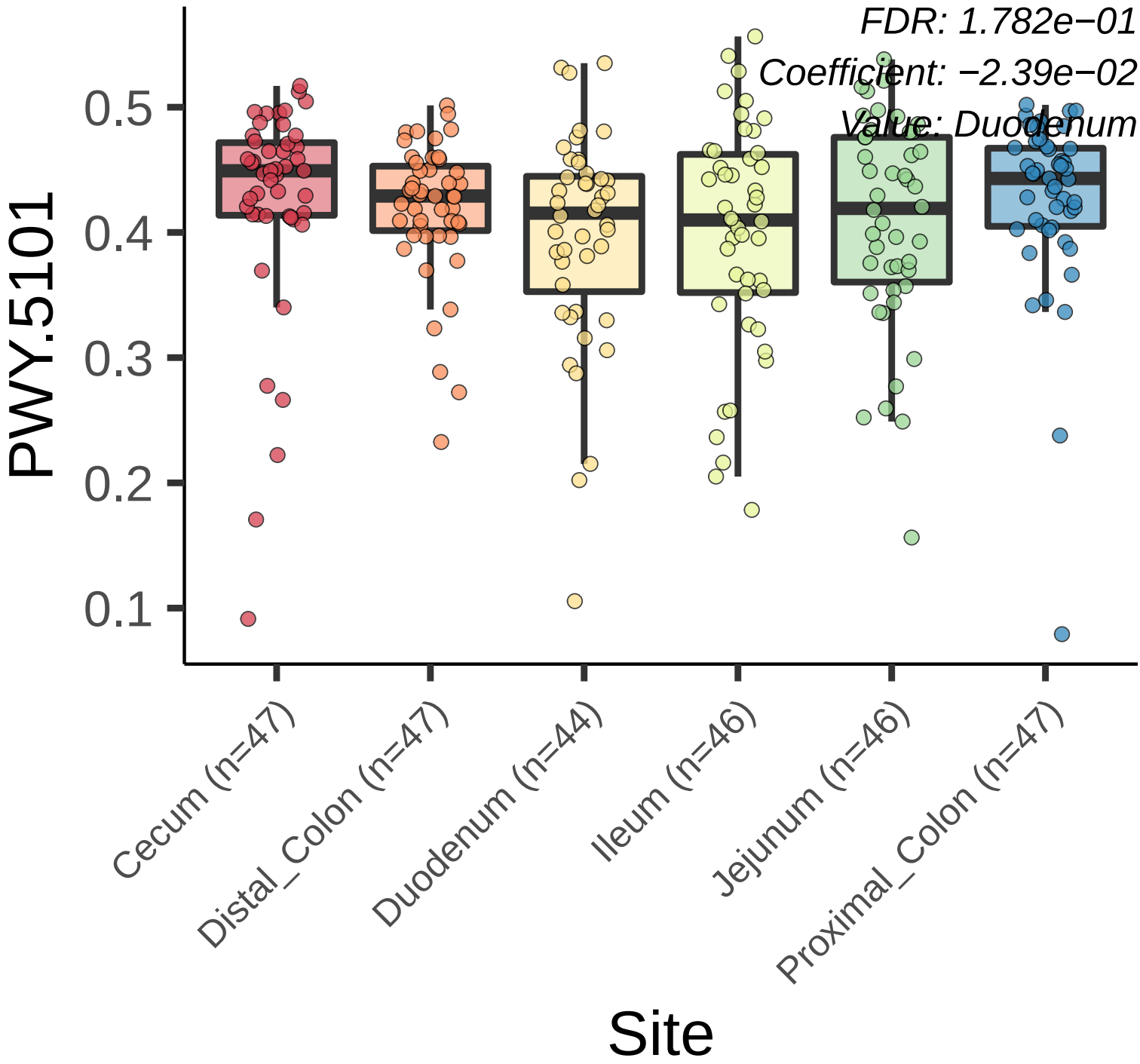
0.4
0.3
0.2
0.1
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.782e−01
Coefficient: −2.39e−02
Value: Duodenum
PWY.5101
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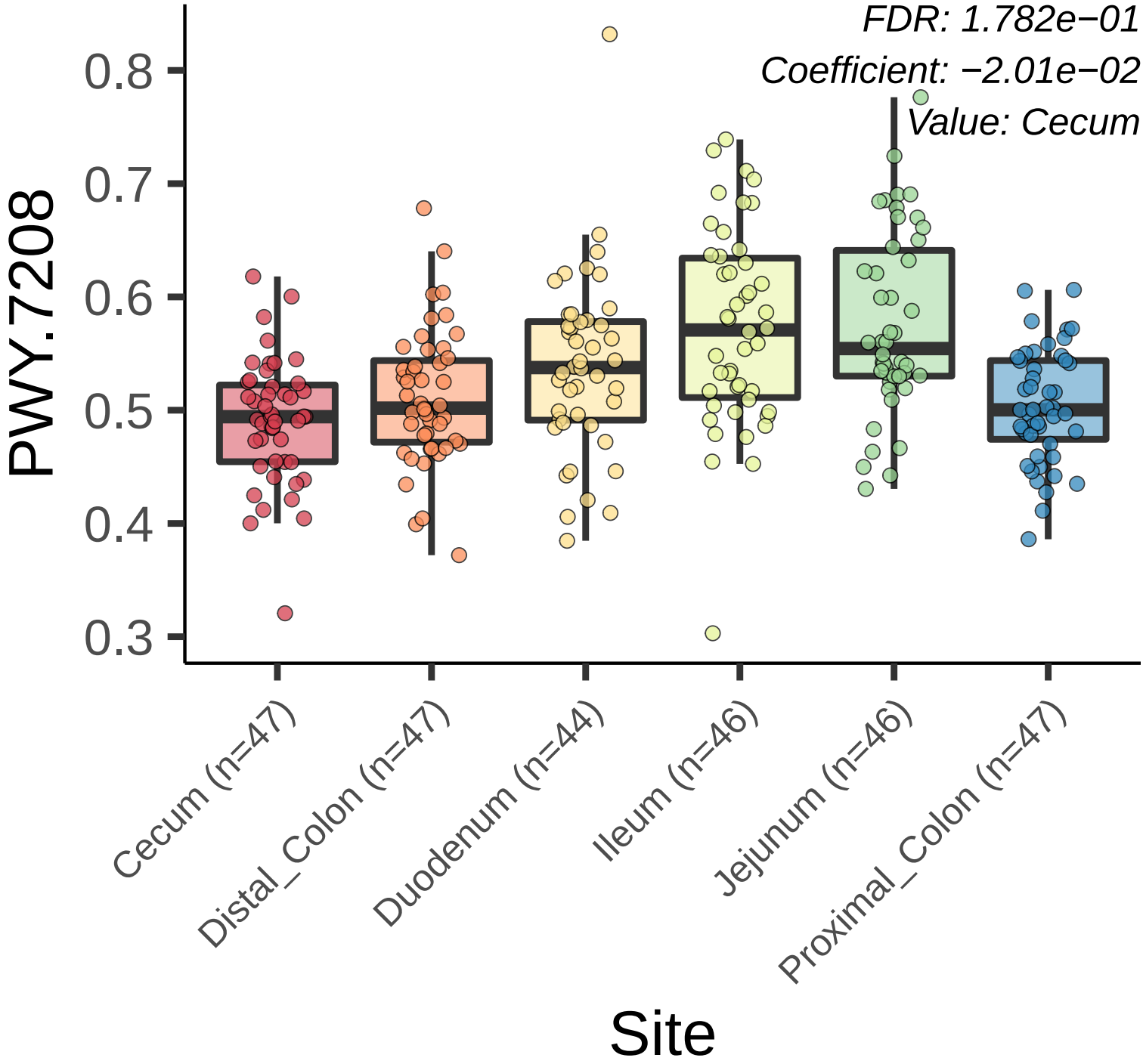
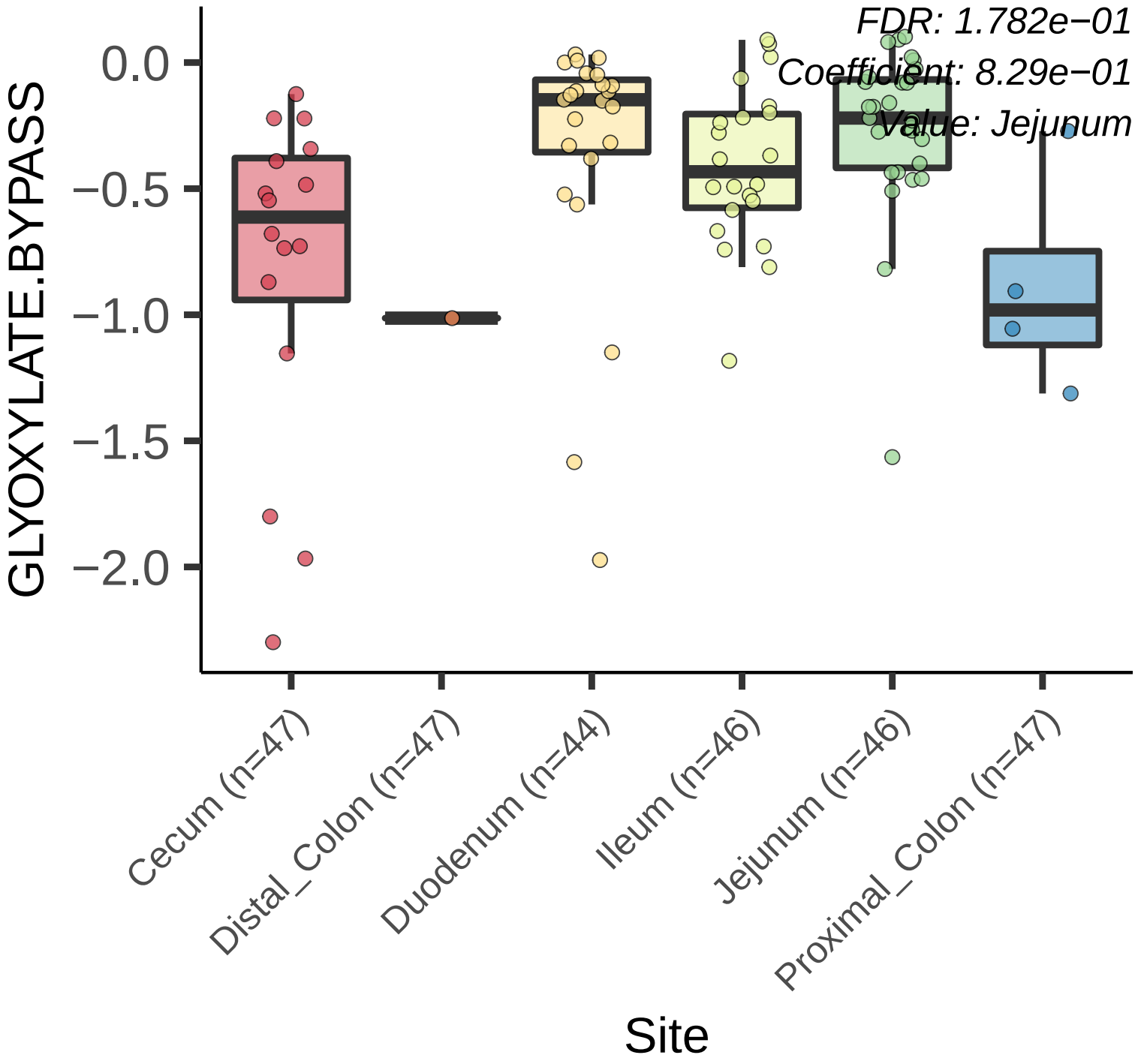
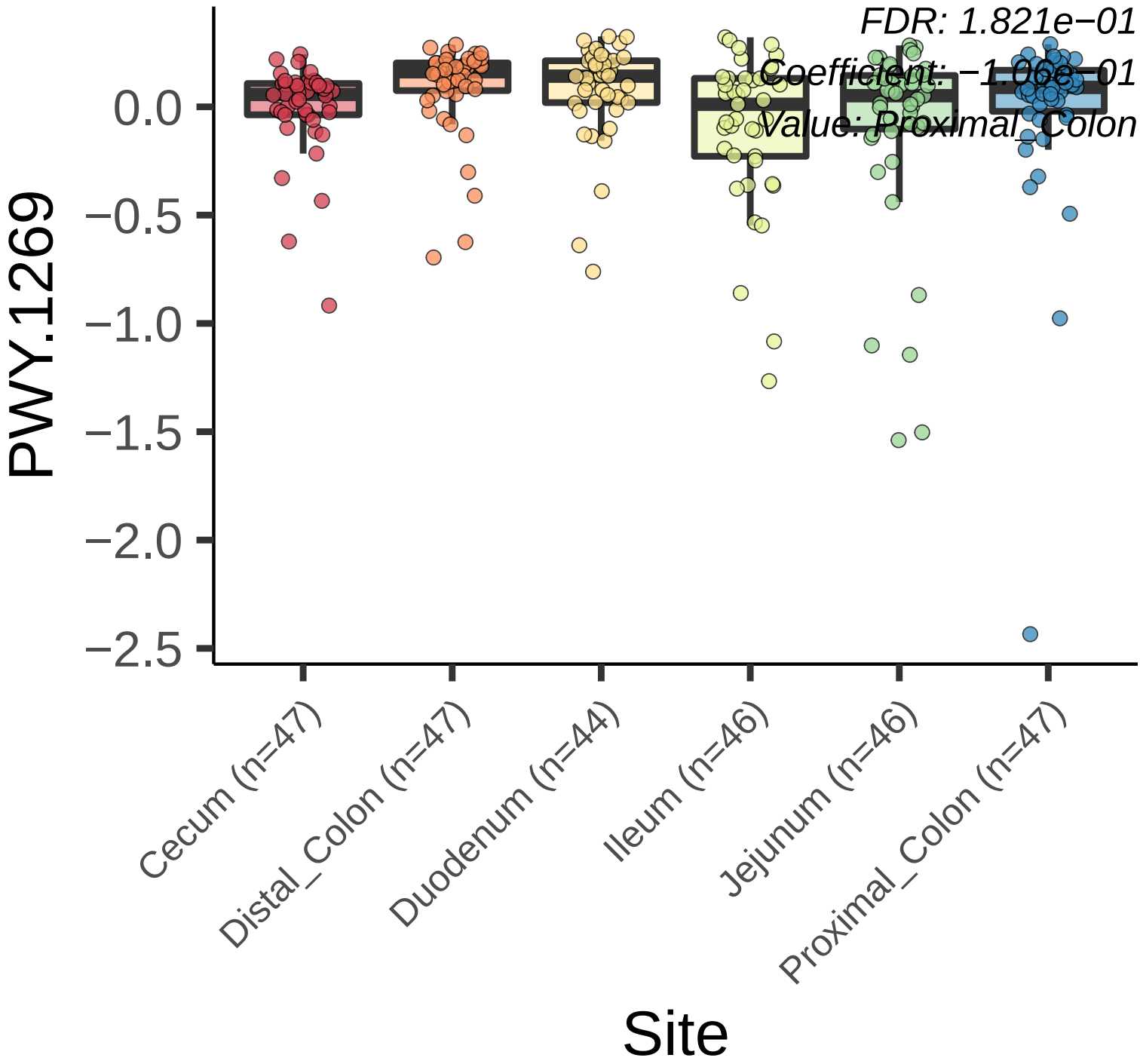
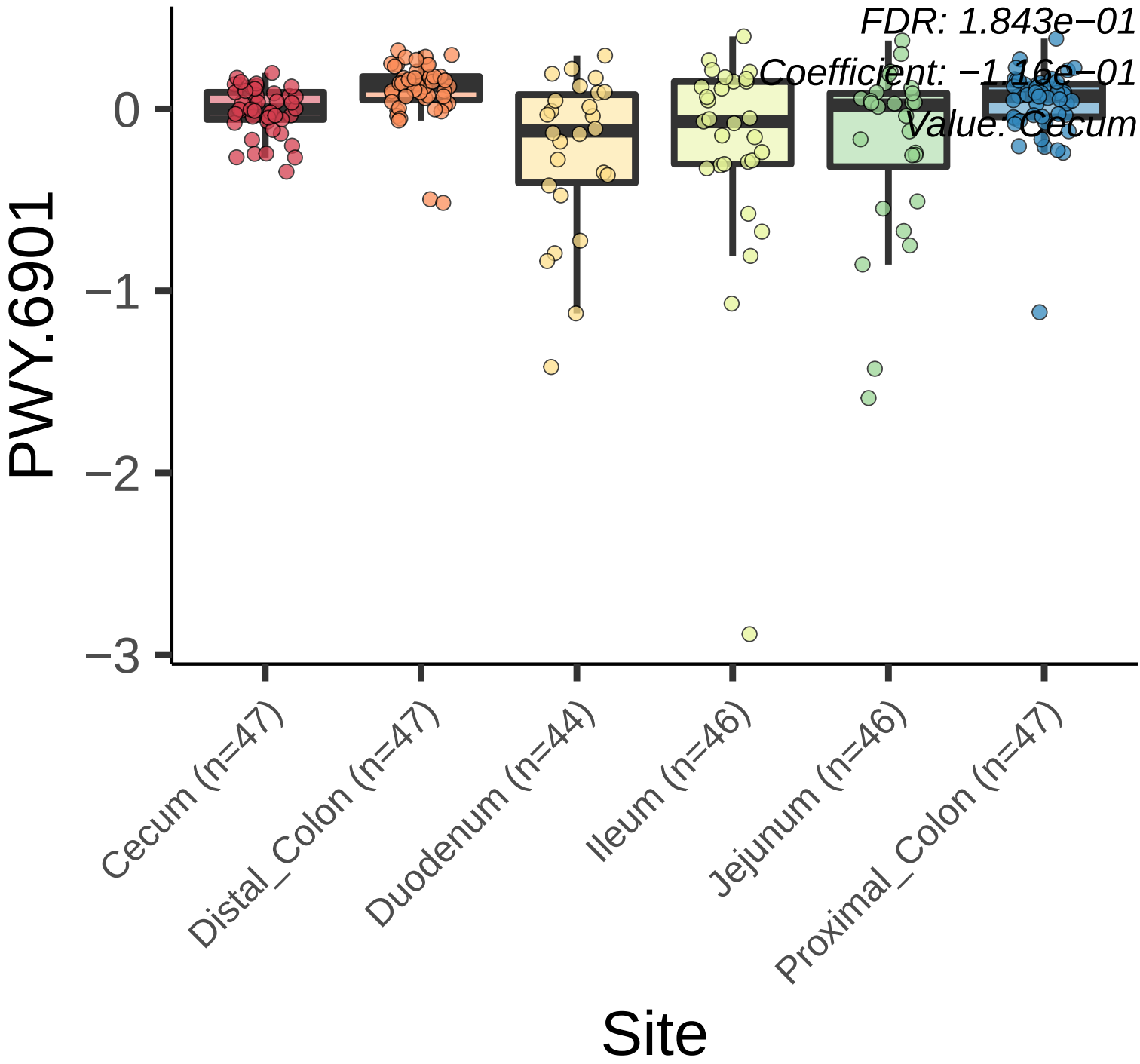
0.4
0.3
0.2
0.1
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.782e−01
Coefficient: −2.01e−02
Value: Cecum
PWY.7208
0.8
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.782e−01
Coefficient: 8.29e−01
Value: Jejunum
GLYOXYLATE.BYPASS
0.0
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.821e−01
Coefficient: −1.06e−01
Value: Proximal_Colon
PWY.1269
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.843e−01
Coefficient: −1.16e−01
Value:Cecum
PWY.6901
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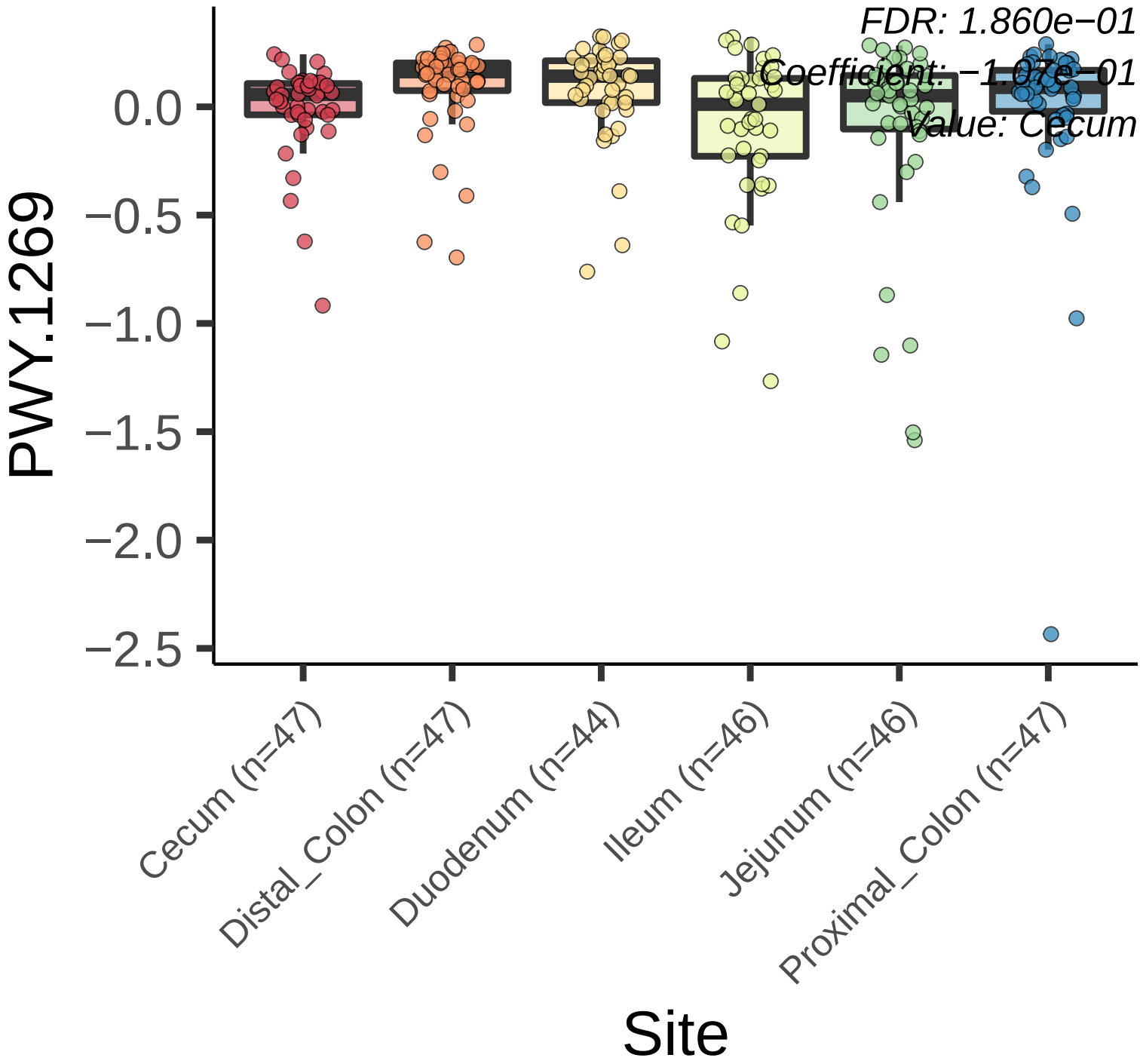
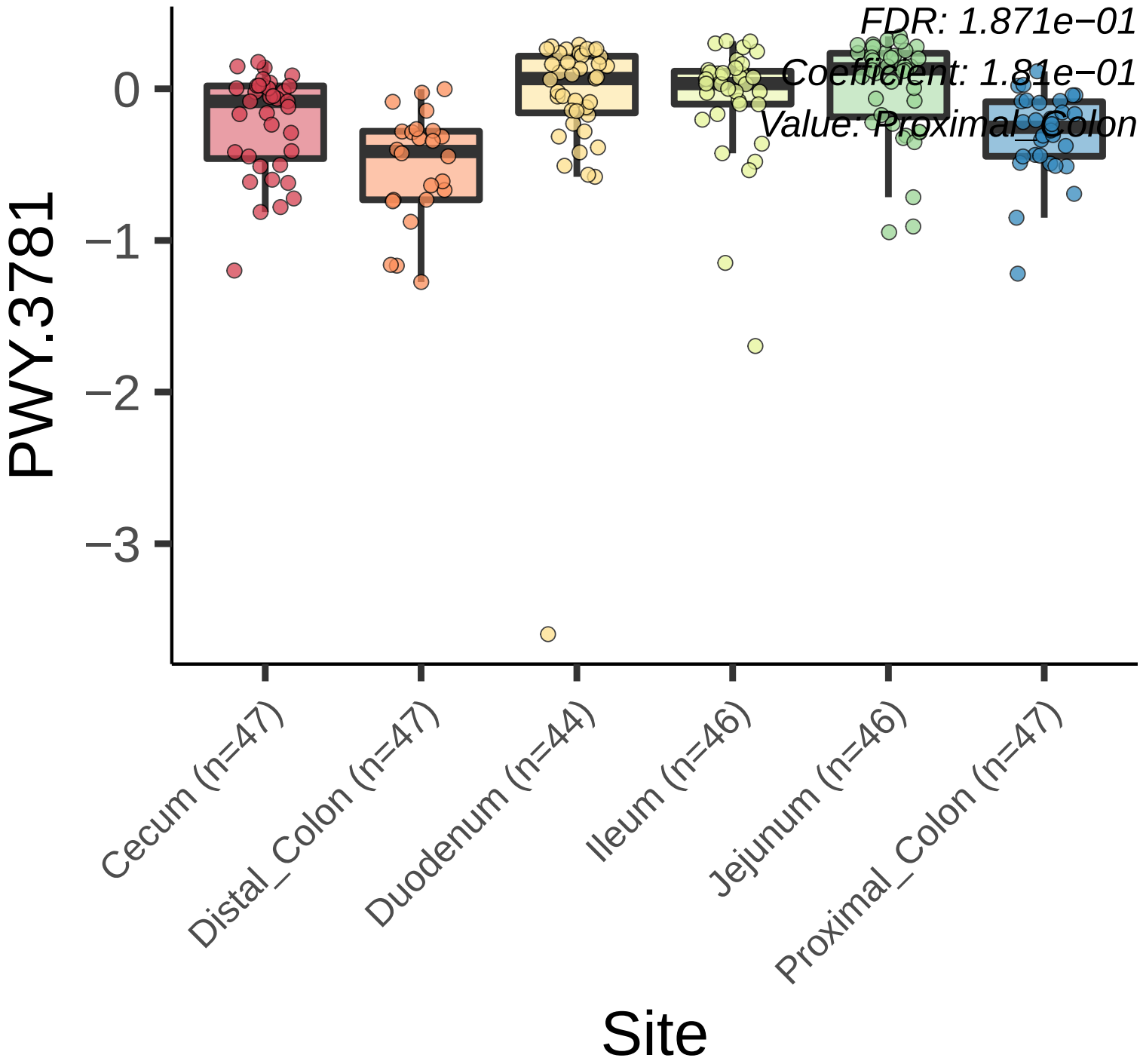
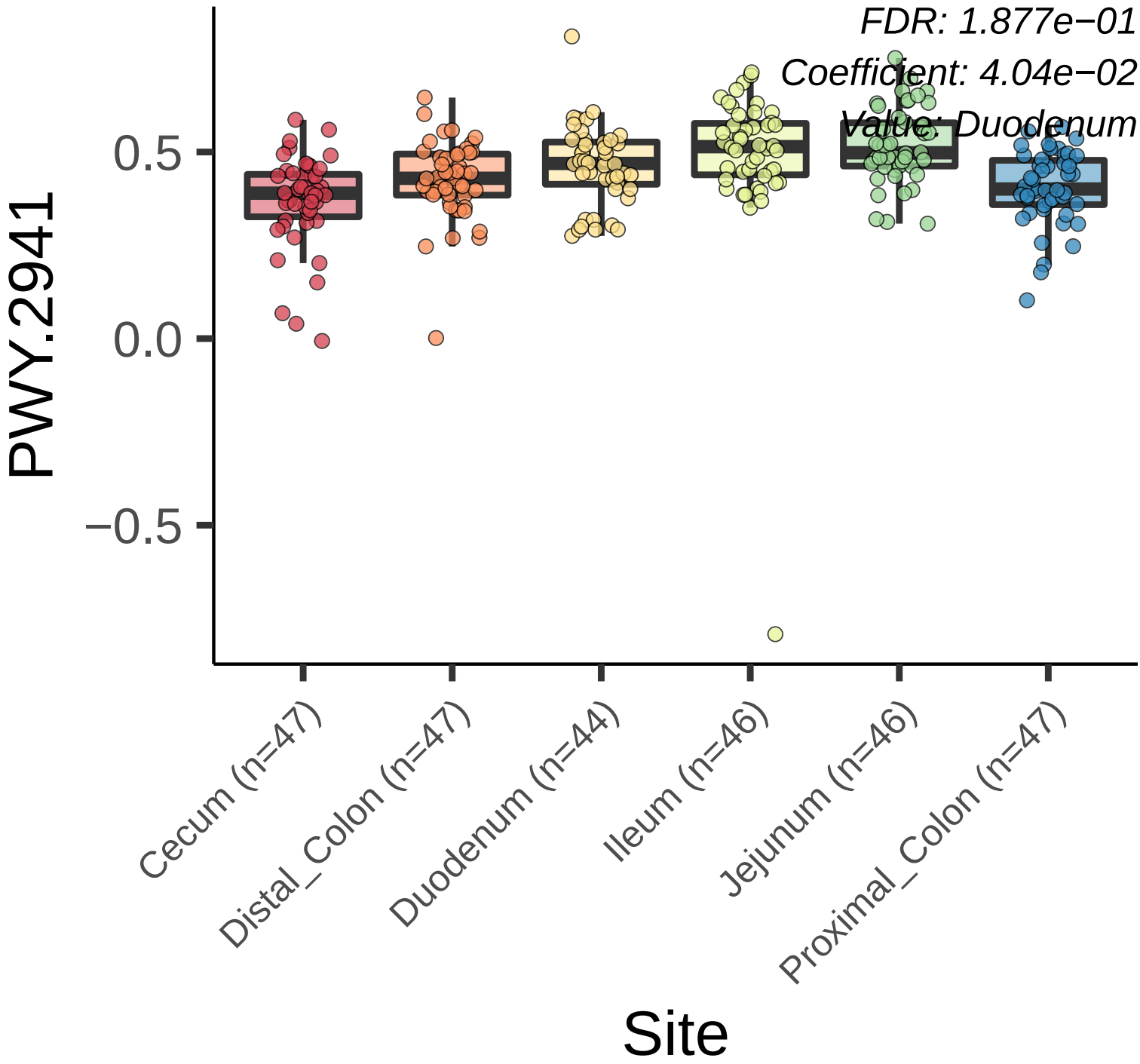
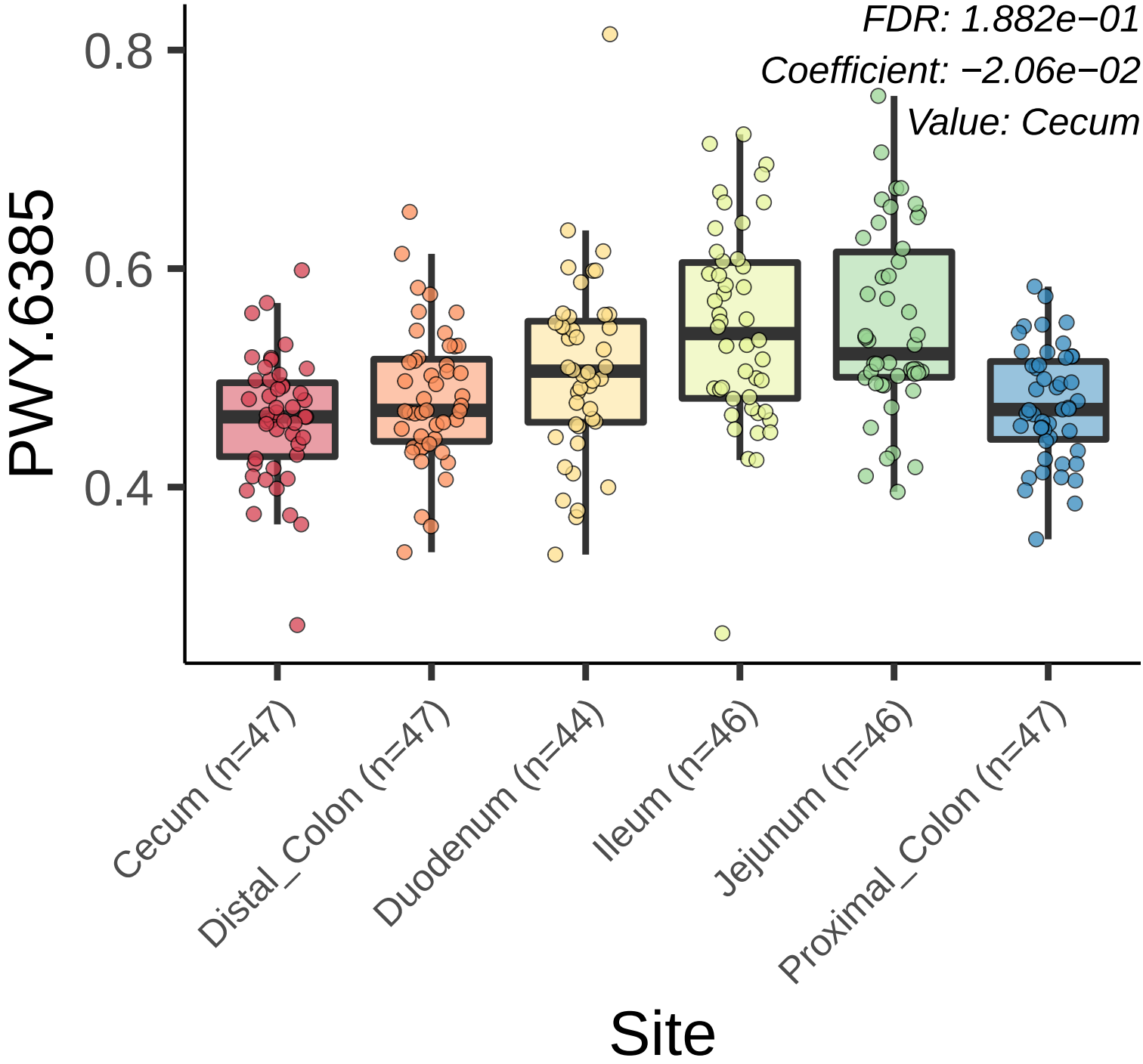
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.860e−01
Coefficient: −1.07e−01
Value: Cecum
PWY.1269
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.871e−01
Coefficient: 1.81e−01
Value: Proximal_Colon
PWY.3781
0
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.877e−01
Coefficient: 4.04e−02
Value: Duodenum
PWY.2941
0.5
0.0
−0.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.882e−01
Coefficient: −2.06e−02
Value: Cecum
PWY.6385
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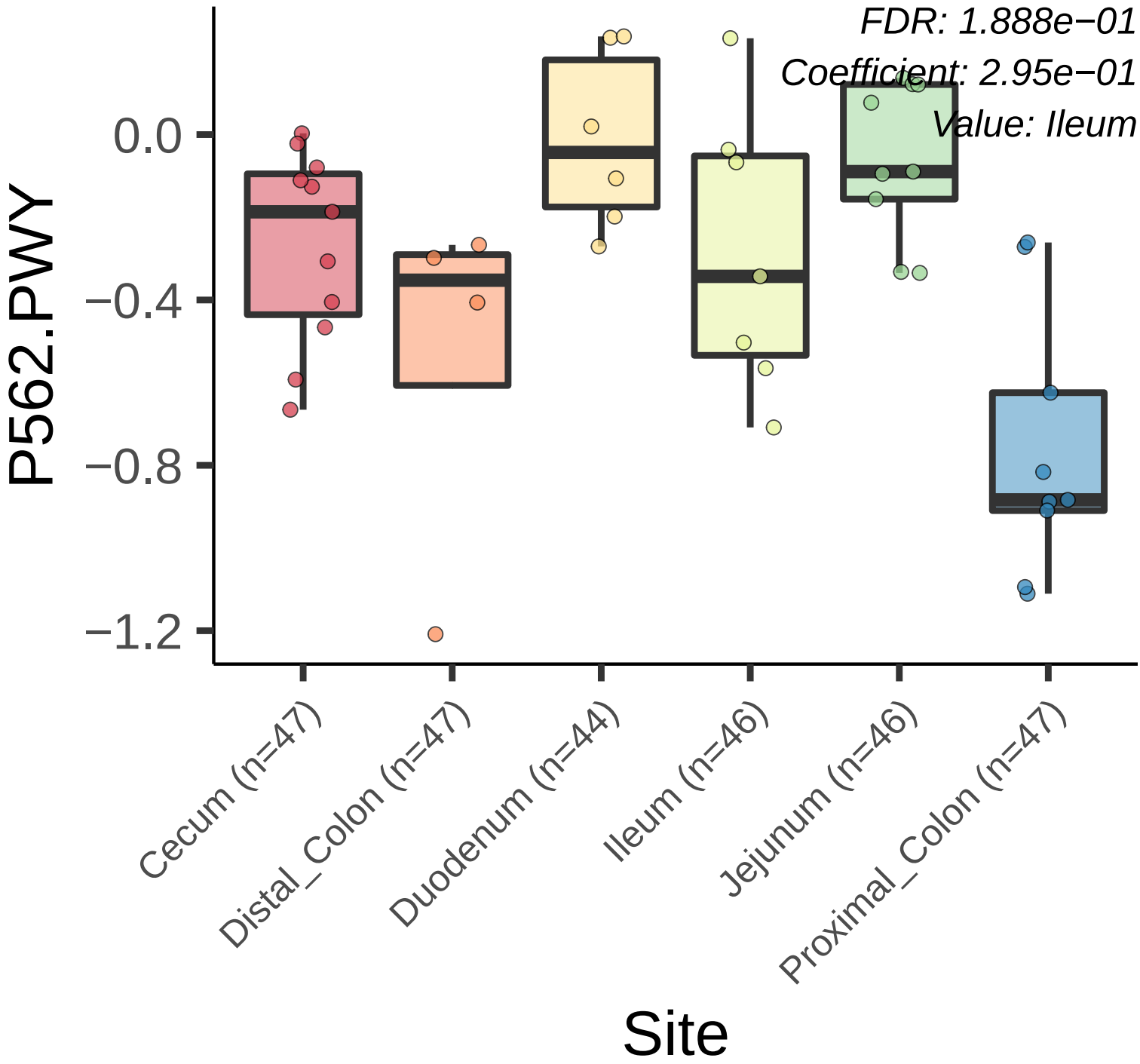
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.888e−01
Coefficient: 2.95e−01
Value: Ileum
P562.PWY
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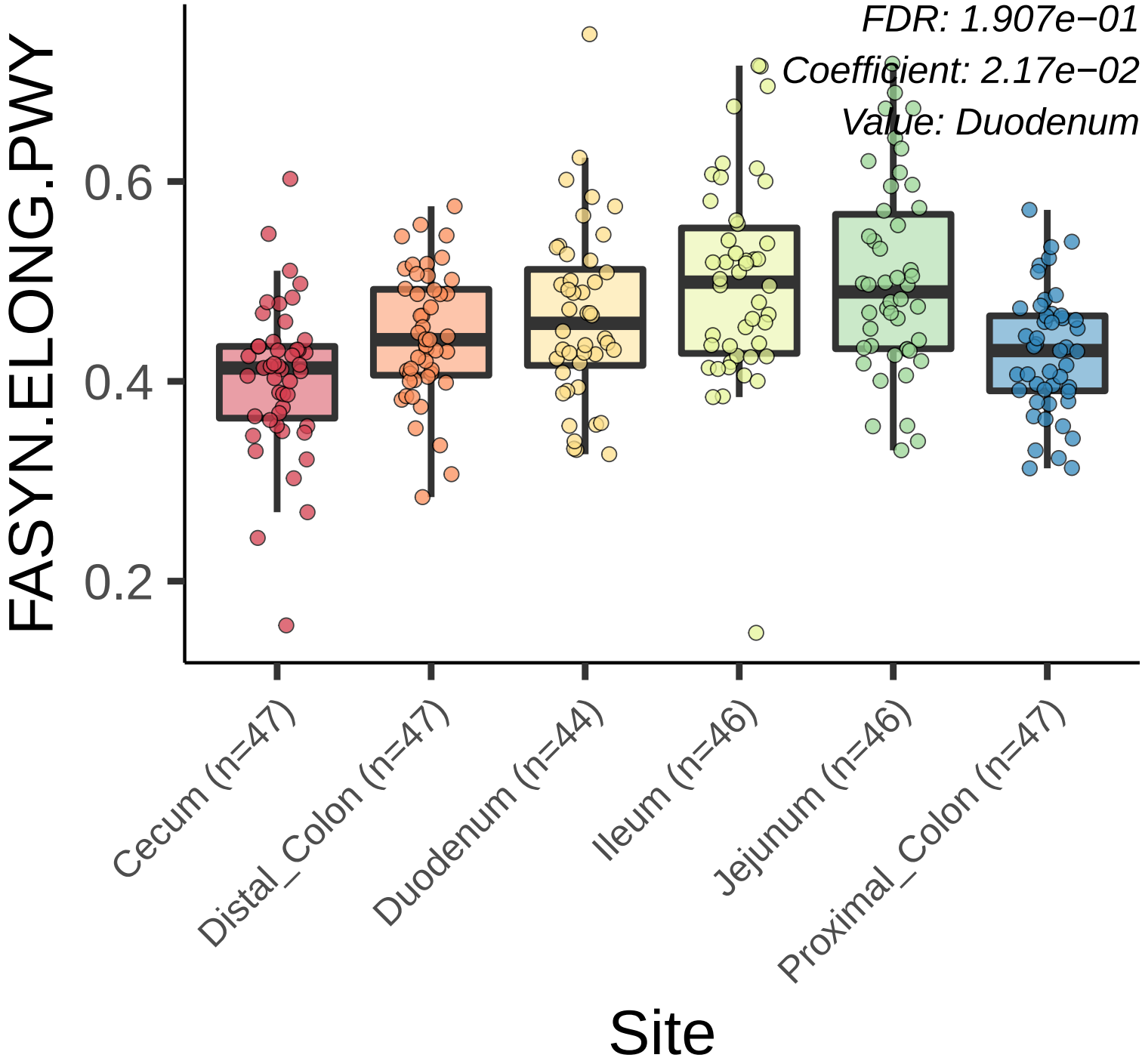
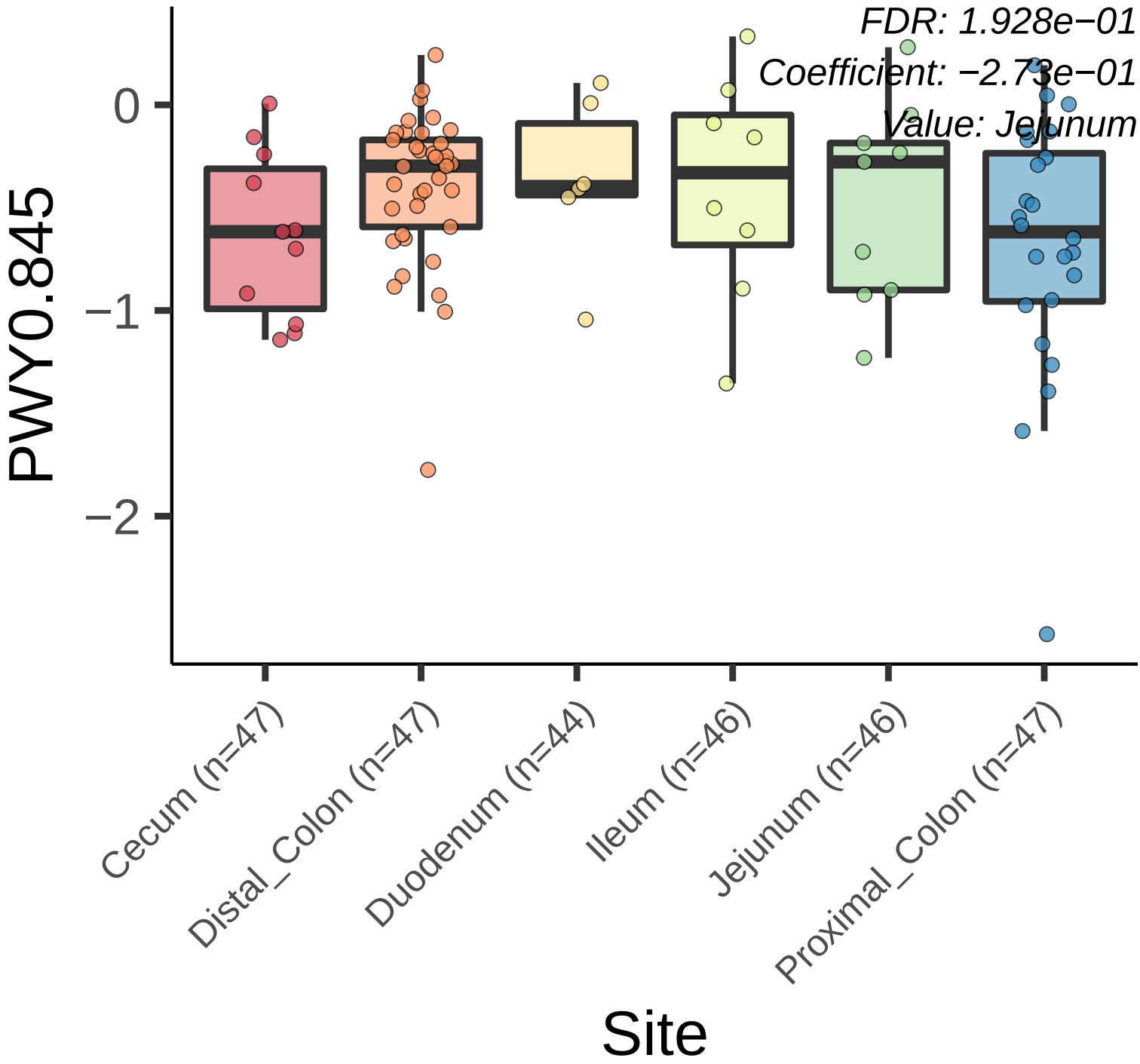
−0.4
−0.8
−1.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.907e−01
Coefficient: 2.17e−02
Value: Duodenum
FASYN.ELONG.PWY
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.928e−01
Coefficient: −2.73e−01
Value: Jejunum
PWY0.845
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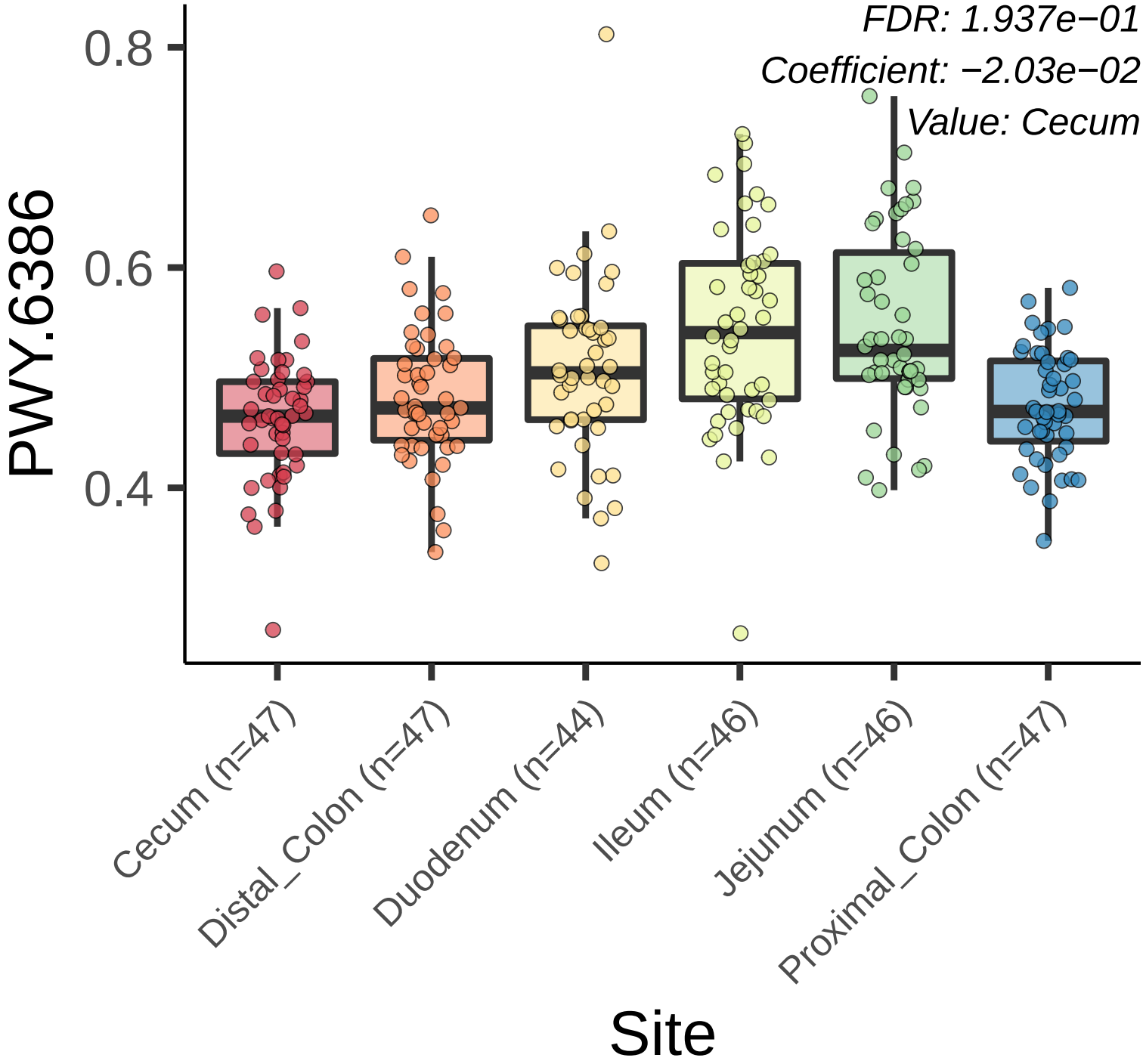
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.937e−01
Coefficient: −2.03e−02
Value: Cecum
PWY.6386
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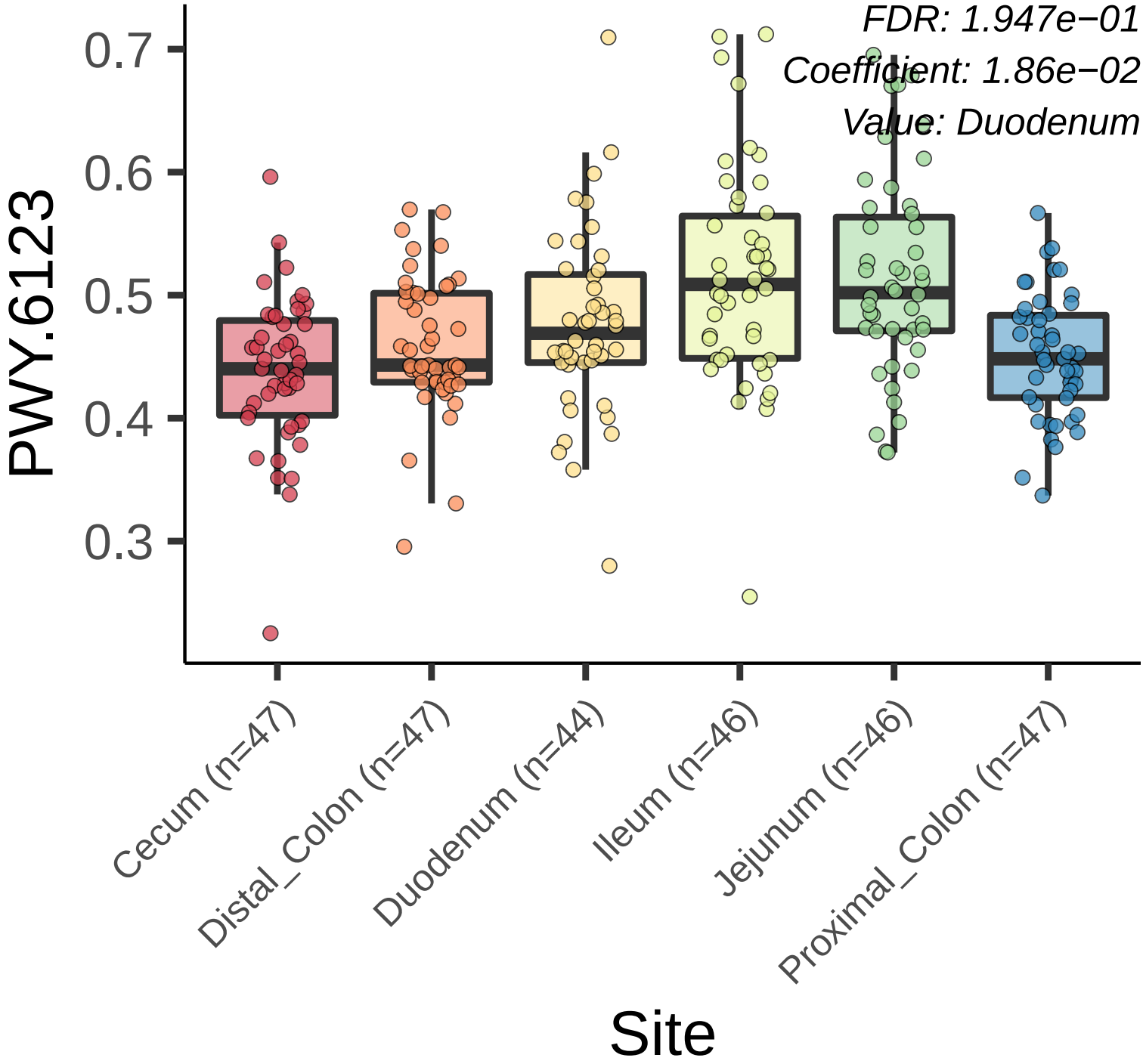
0.6
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.947e−01
Coefficient: 1.86e−02
Value: Duodenum
PWY.6123
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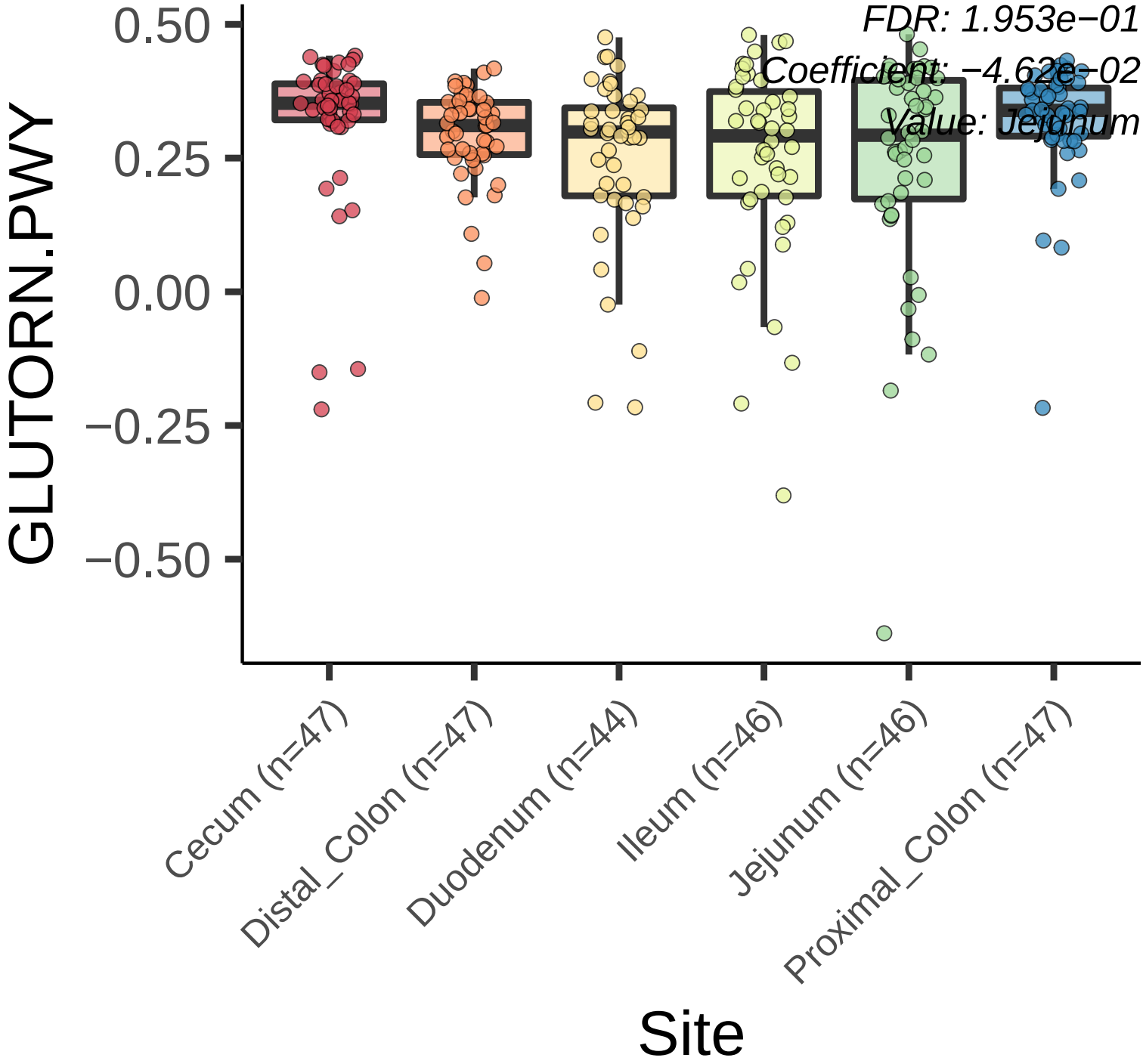
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −4.62e−02
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GLUTORN.PWY
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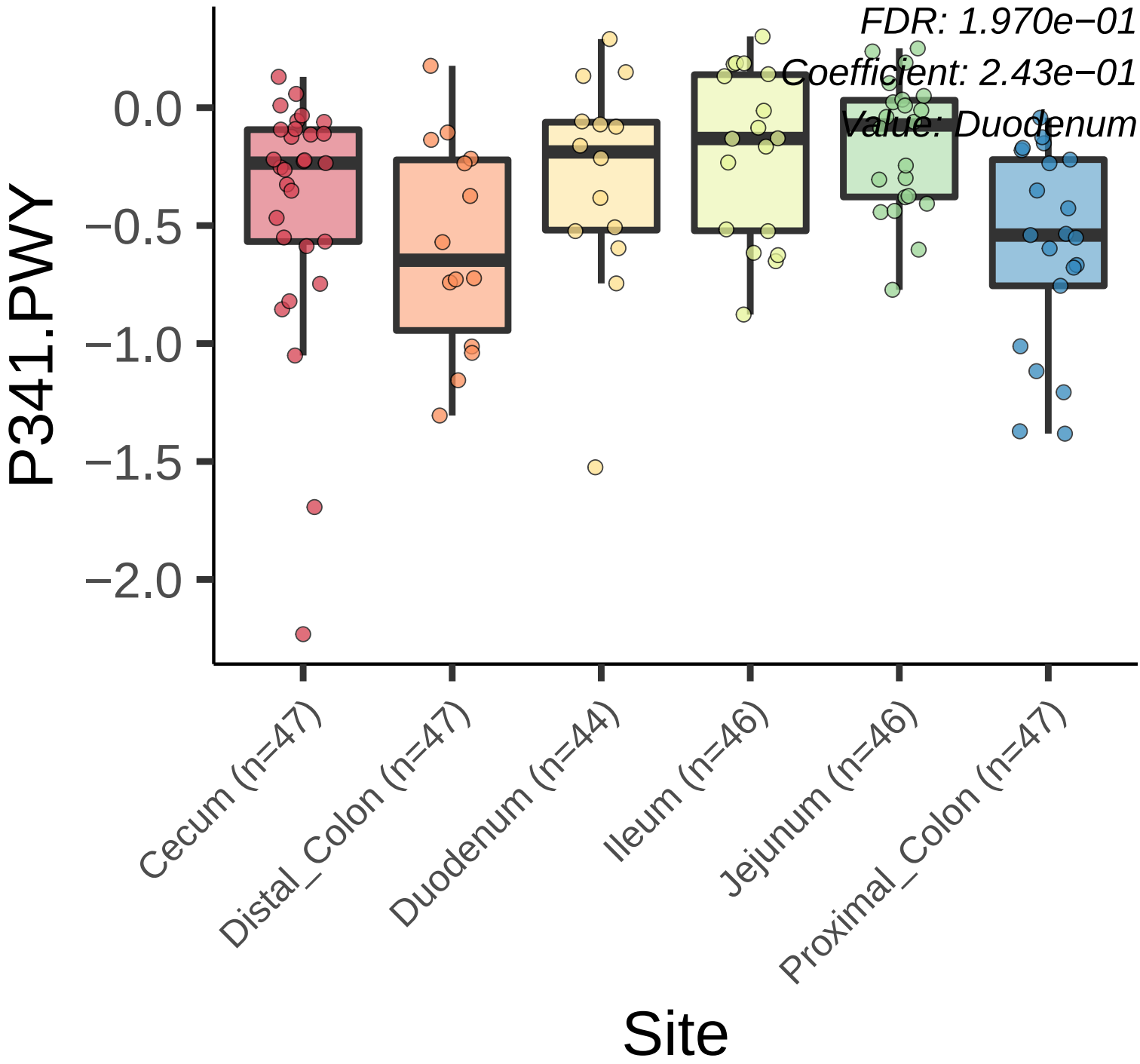
0.25
0.00
−0.25
−0.50
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.970e−01
Coefficient: 2.43e−01
Value: Duodenum
P341.PWY
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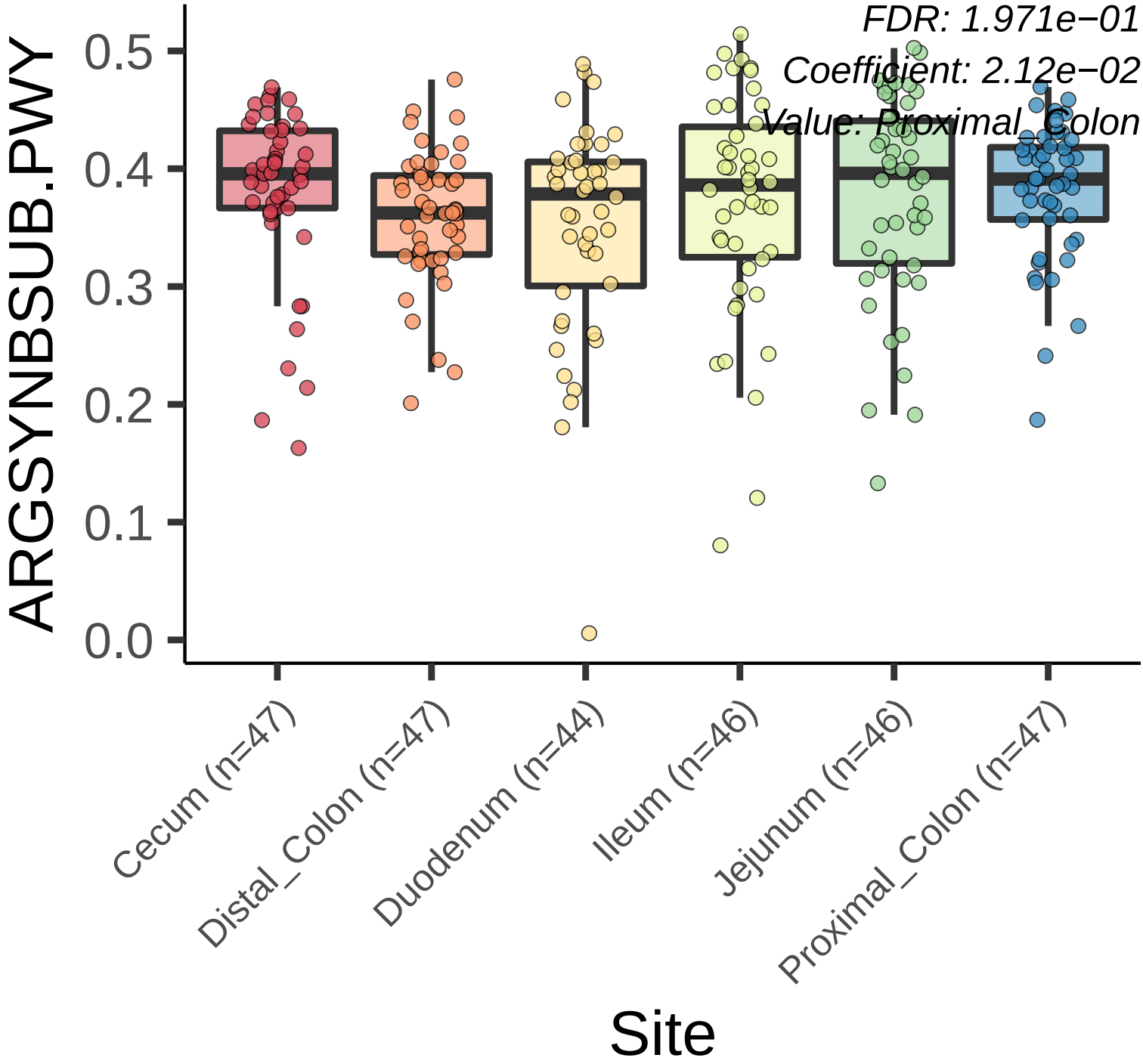
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.971e−01
Coefficient: 2.12e−02
Value: Proximal_Colon
ARGSYNBSUB.PWY
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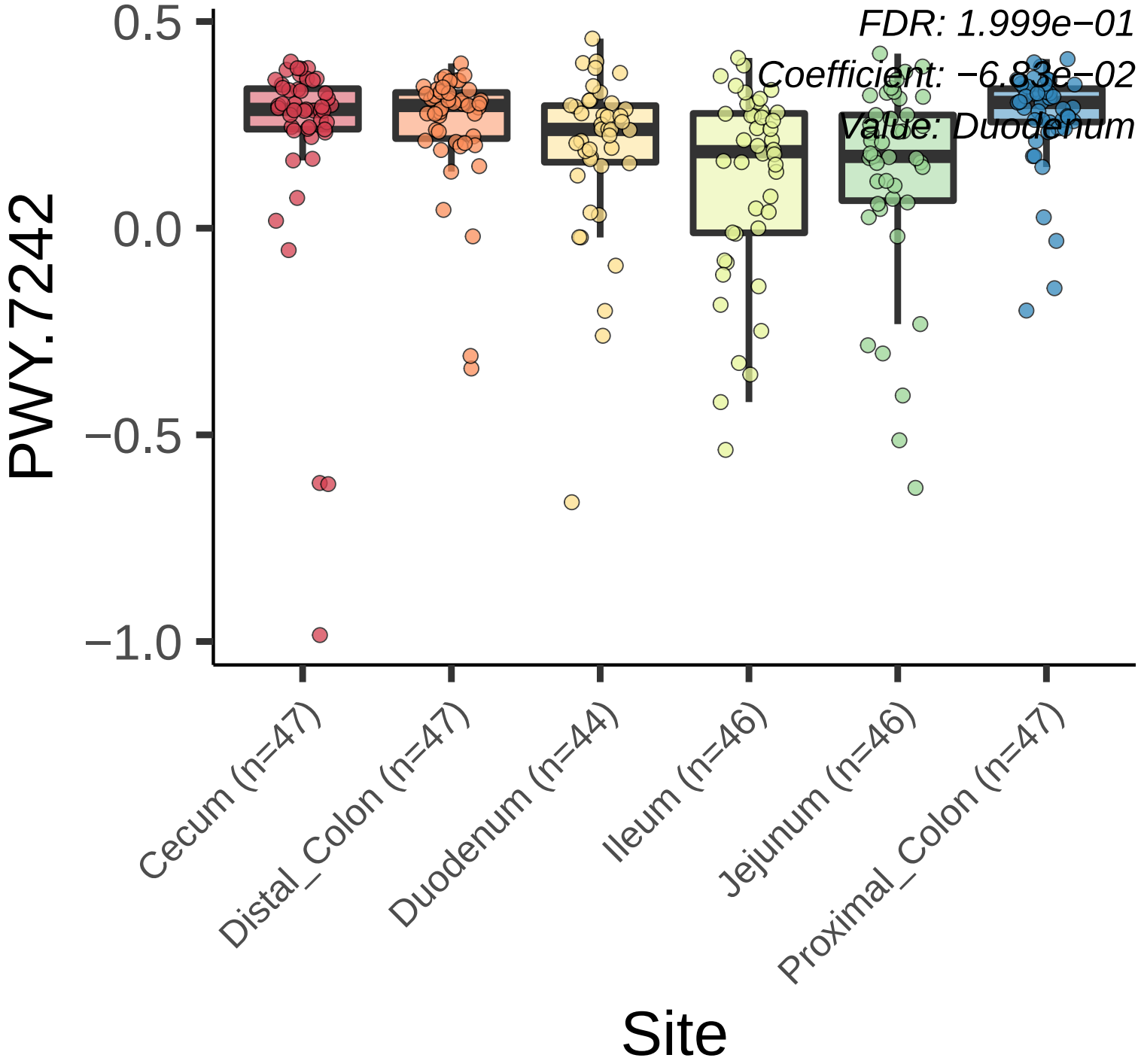
0.1
0.2
0.3
0.4
0.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 1.999e−01
Coefficient: −6.83e−02
Value: Duodenum
PWY.7242
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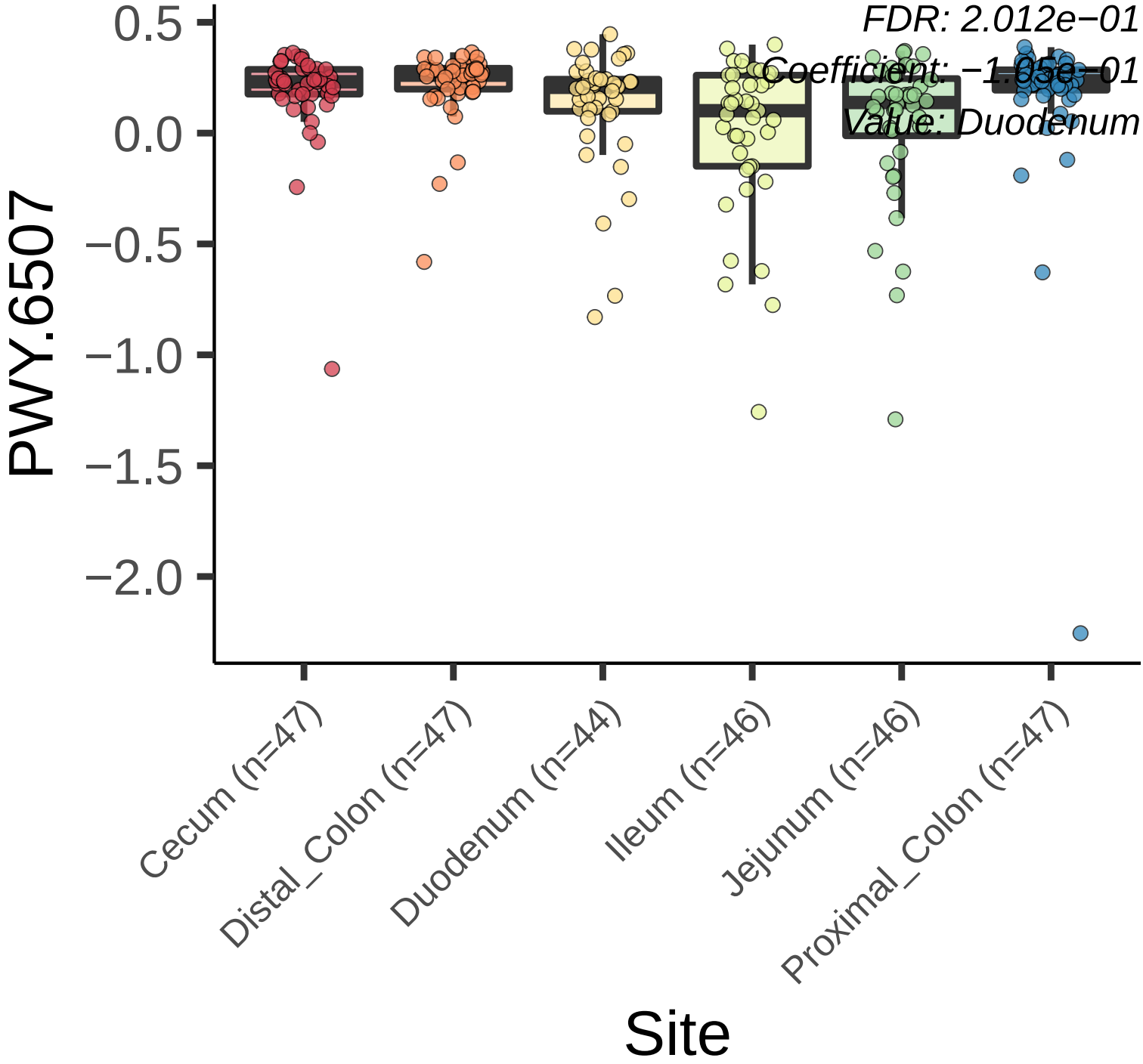
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.012e−01
Coefficient: −1.05e−01
Value: Duodenum
PWY.6507
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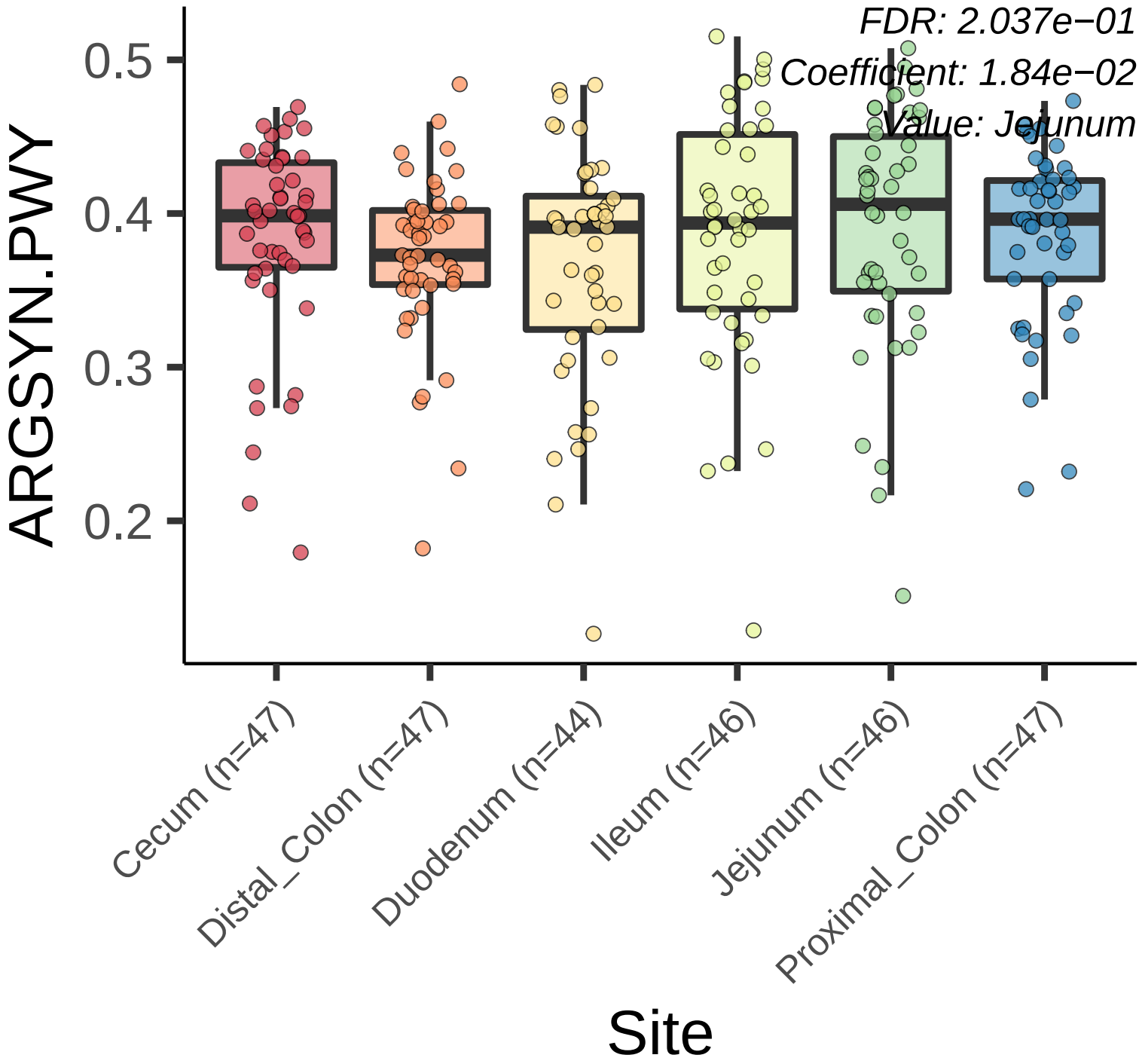
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.037e−01
Coefficient: 1.84e−02
Value: Jejunum
ARGSYN.PWY
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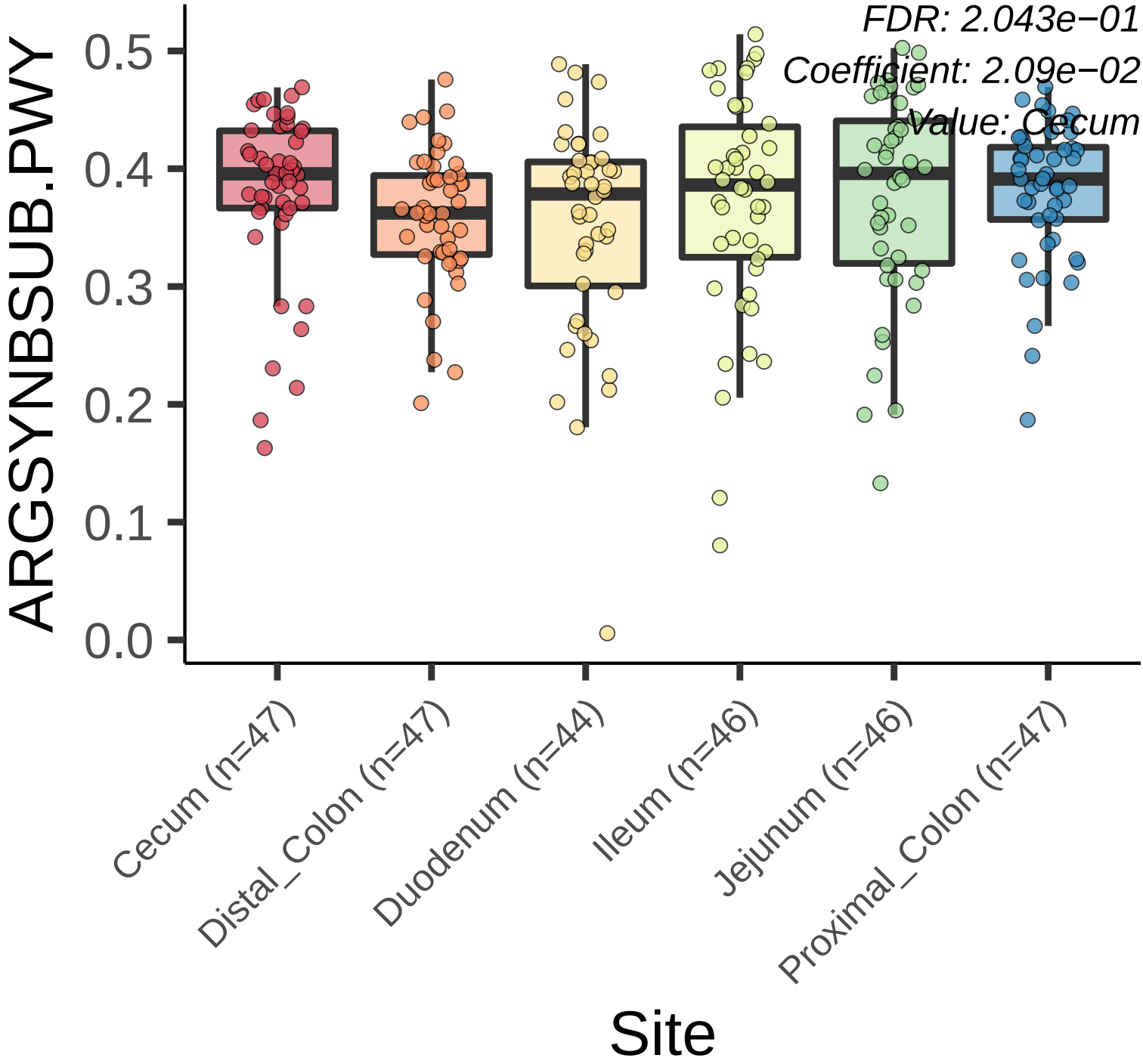
0.4
0.3
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.043e−01
Coefficient: 2.09e−02
Value: Cecum
ARGSYNBSUB.PWY
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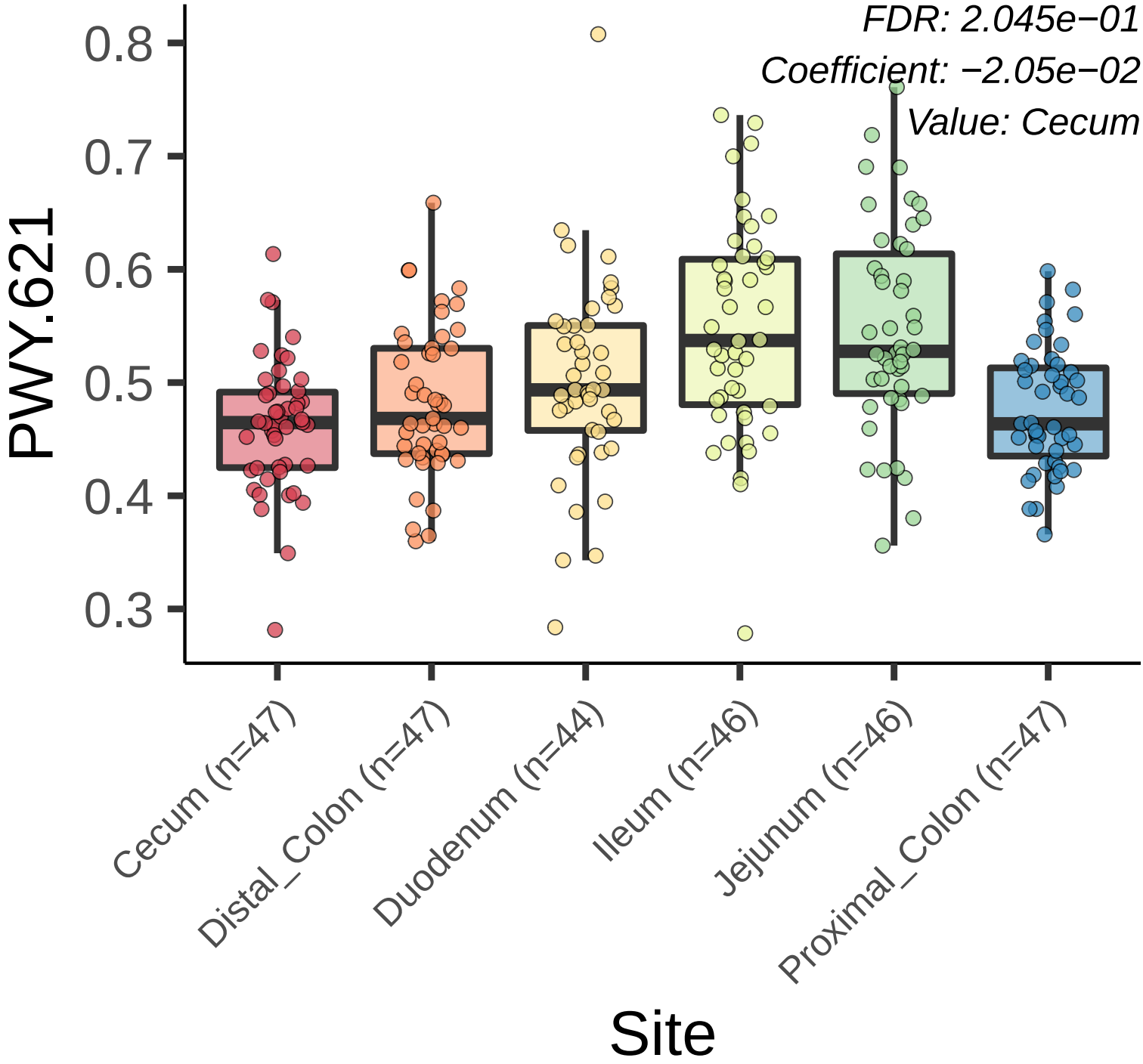
0.4
0.3
0.2
0.1
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.045e−01
Coefficient: −2.05e−02
Value: Cecum
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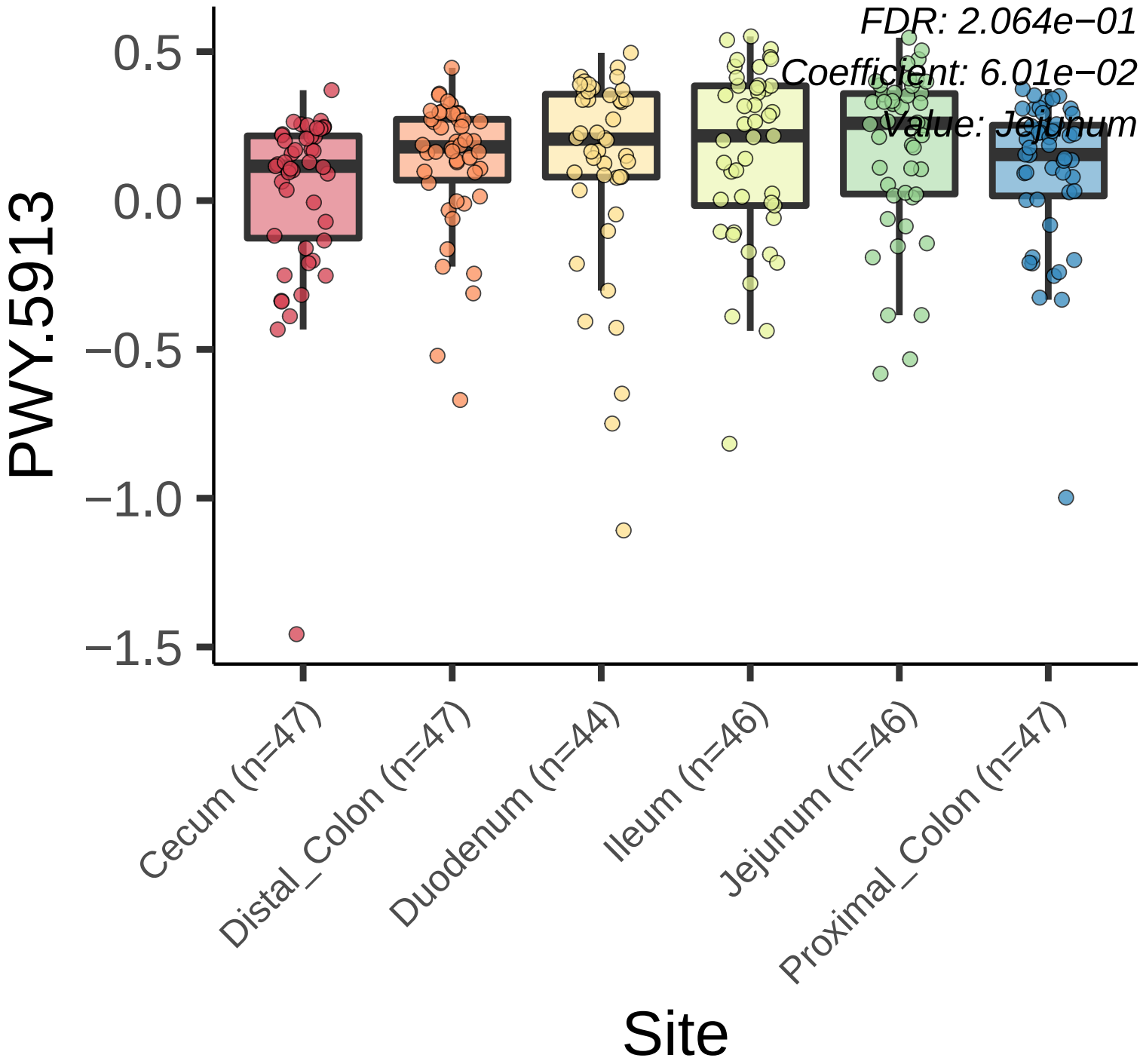
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.064e−01
Coefficient: 6.01e−02
Value: Jejunum
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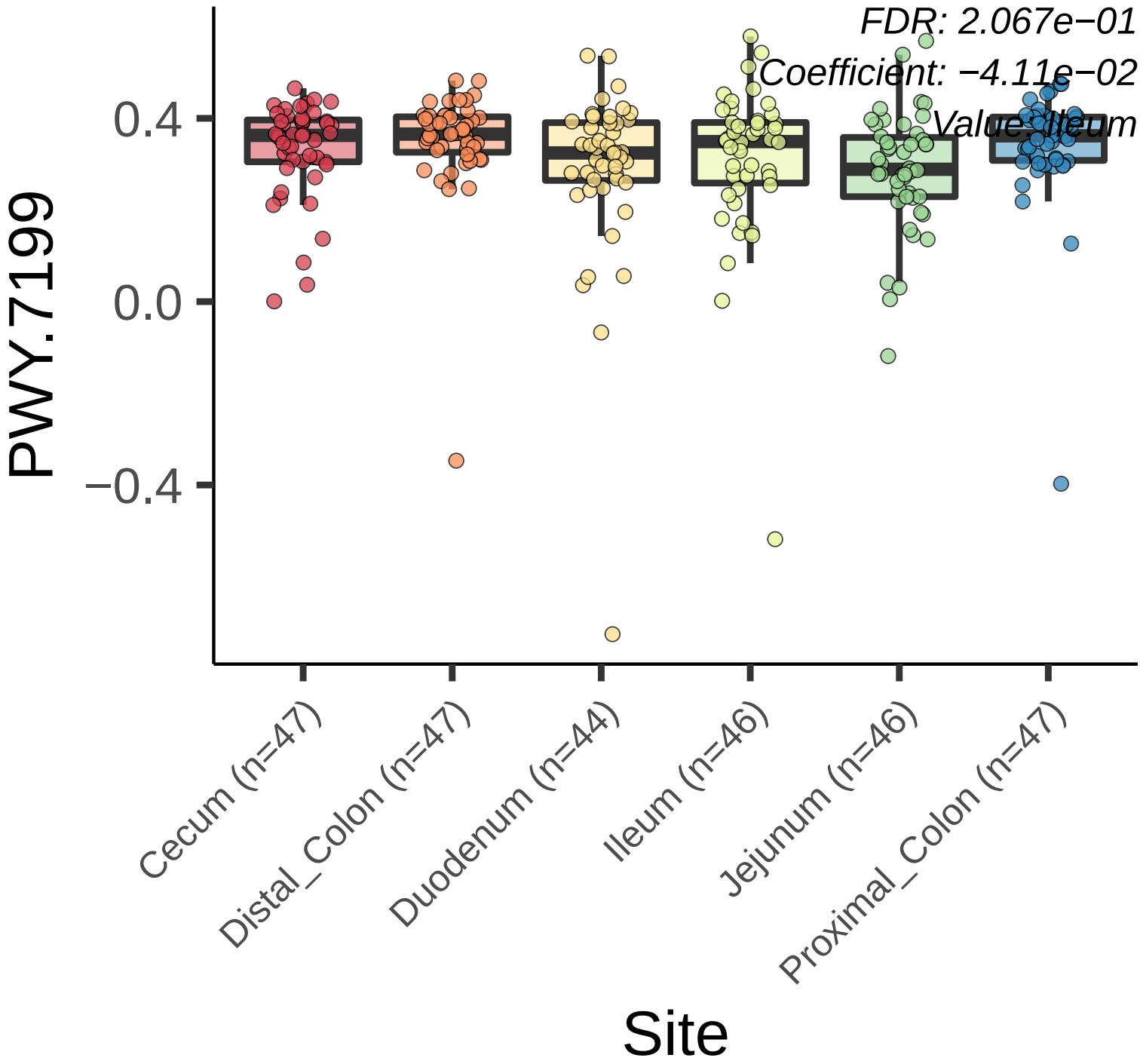
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.067e−01
Coefficient: −4.11e−02
Value: Ileum
PWY.7199
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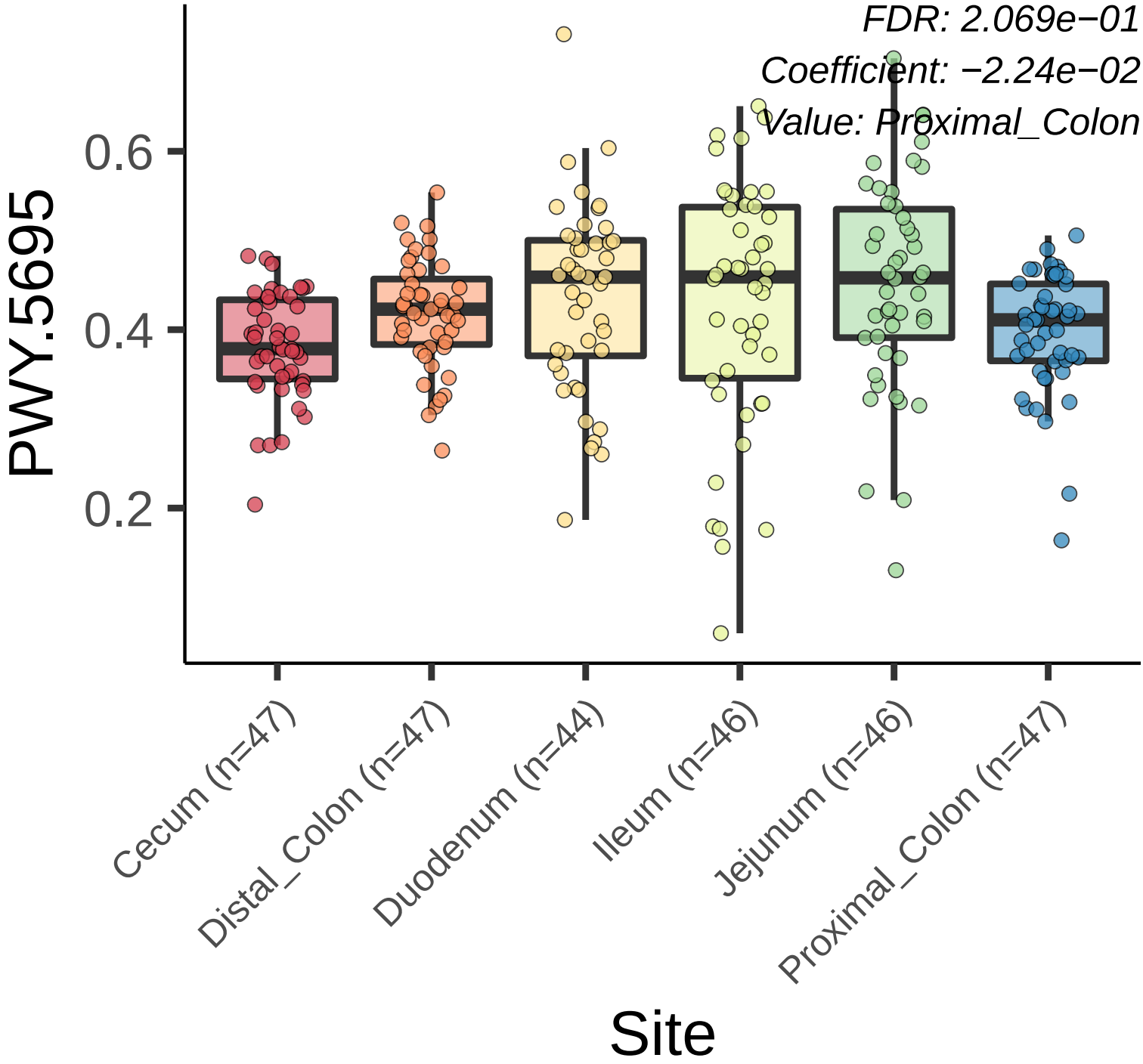
0.0
−0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.069e−01
Coefficient: −2.24e−02
Value: Proximal_Colon
PWY.5695
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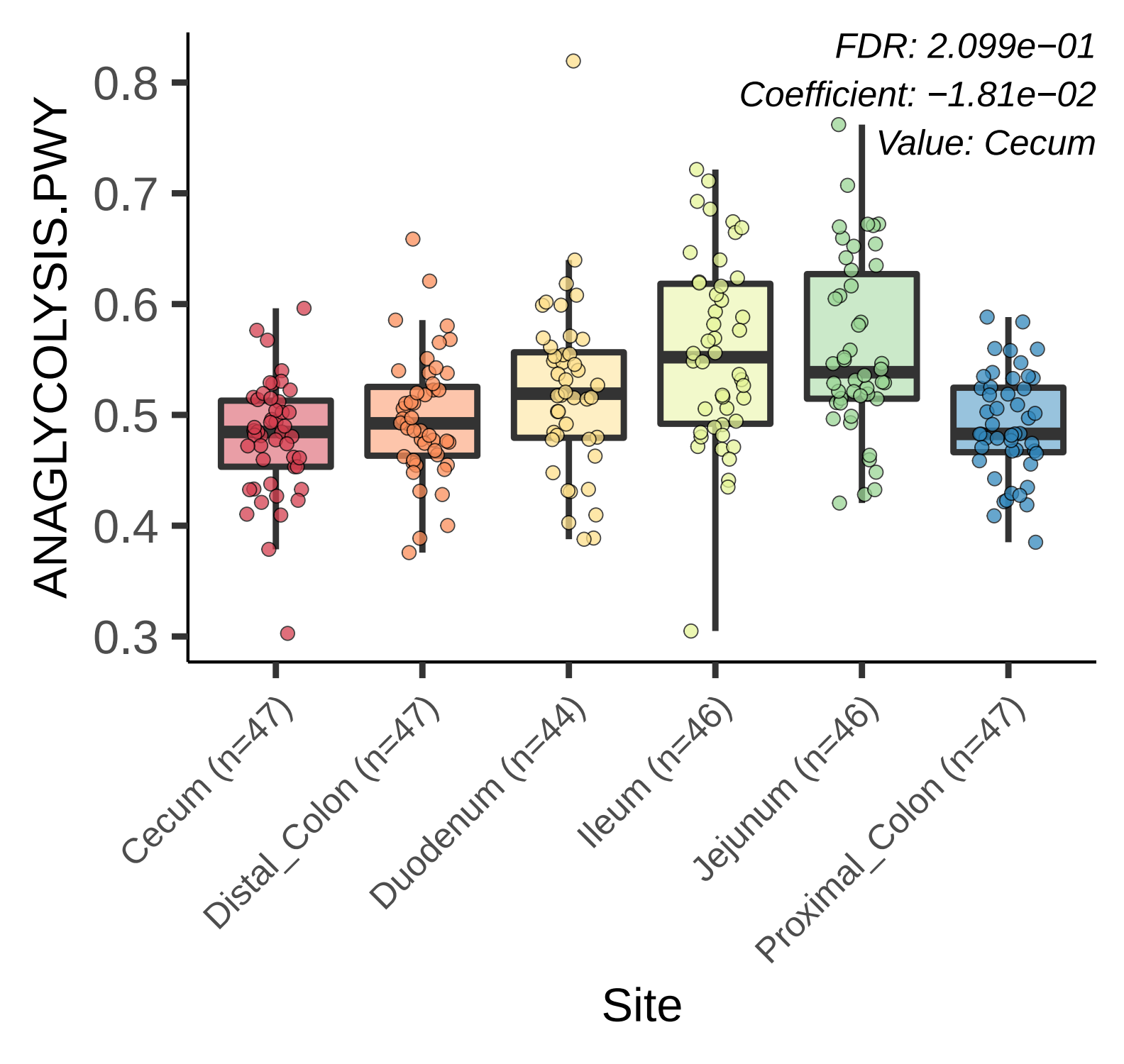
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.099e−01
Coefficient: −1.81e−02
Value: Cecum
ANAGLYCOLYSIS.PWY
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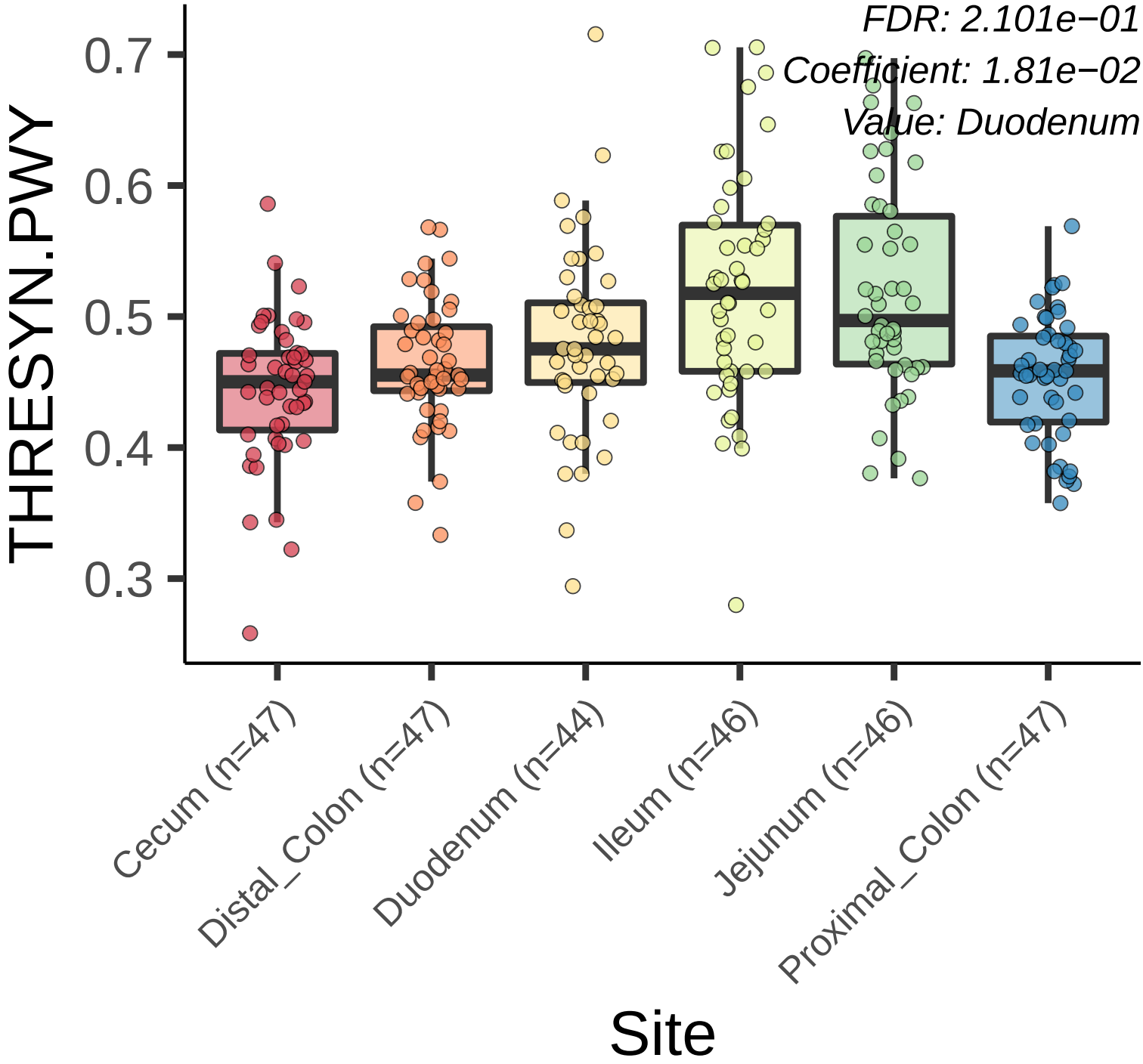
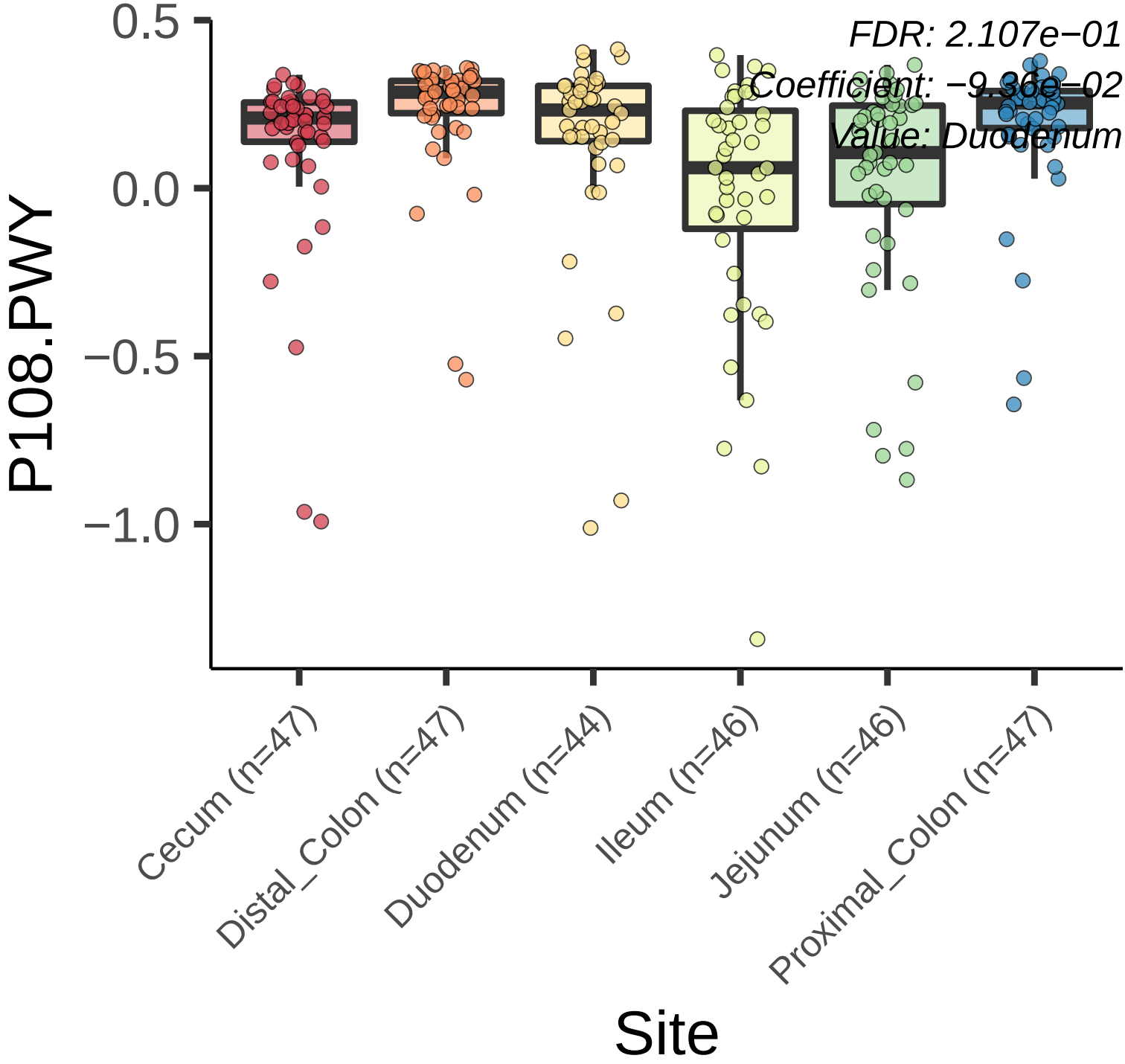
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.101e−01
Coefficient: 1.81e−02
Value: Duodenum
THRESYN.PWY
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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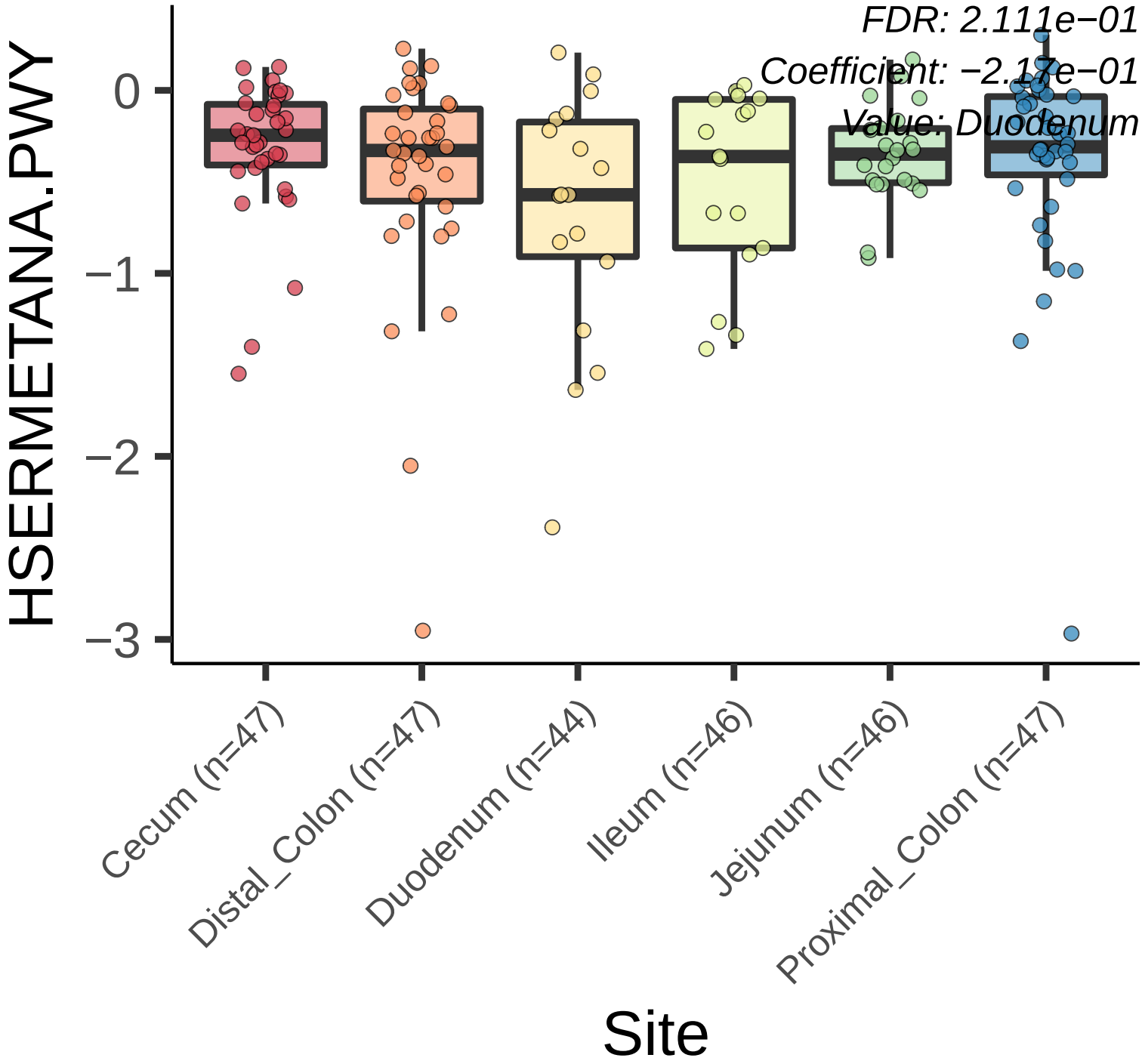
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−2
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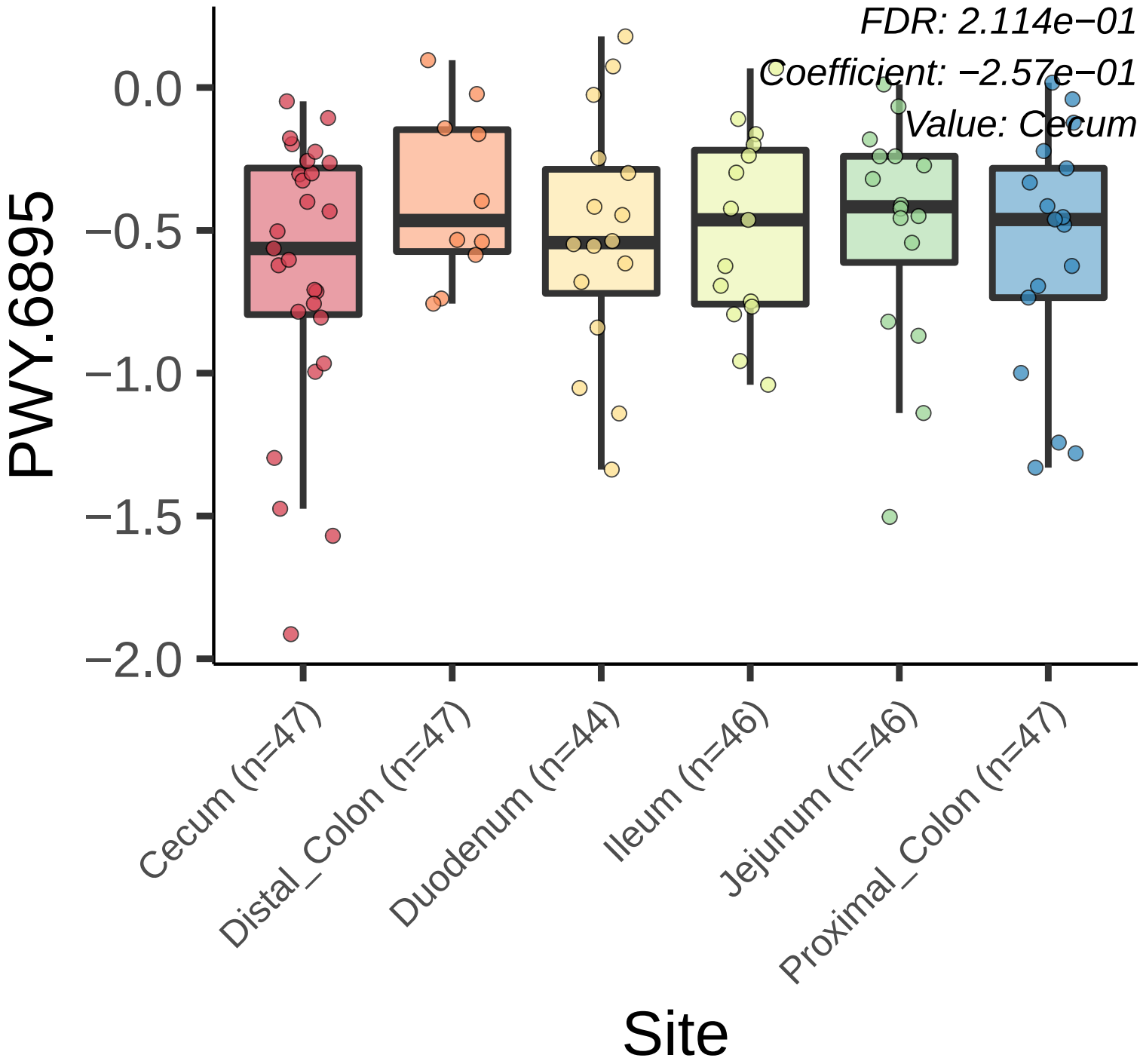
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −2.57e−01
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Cecum (n=47)
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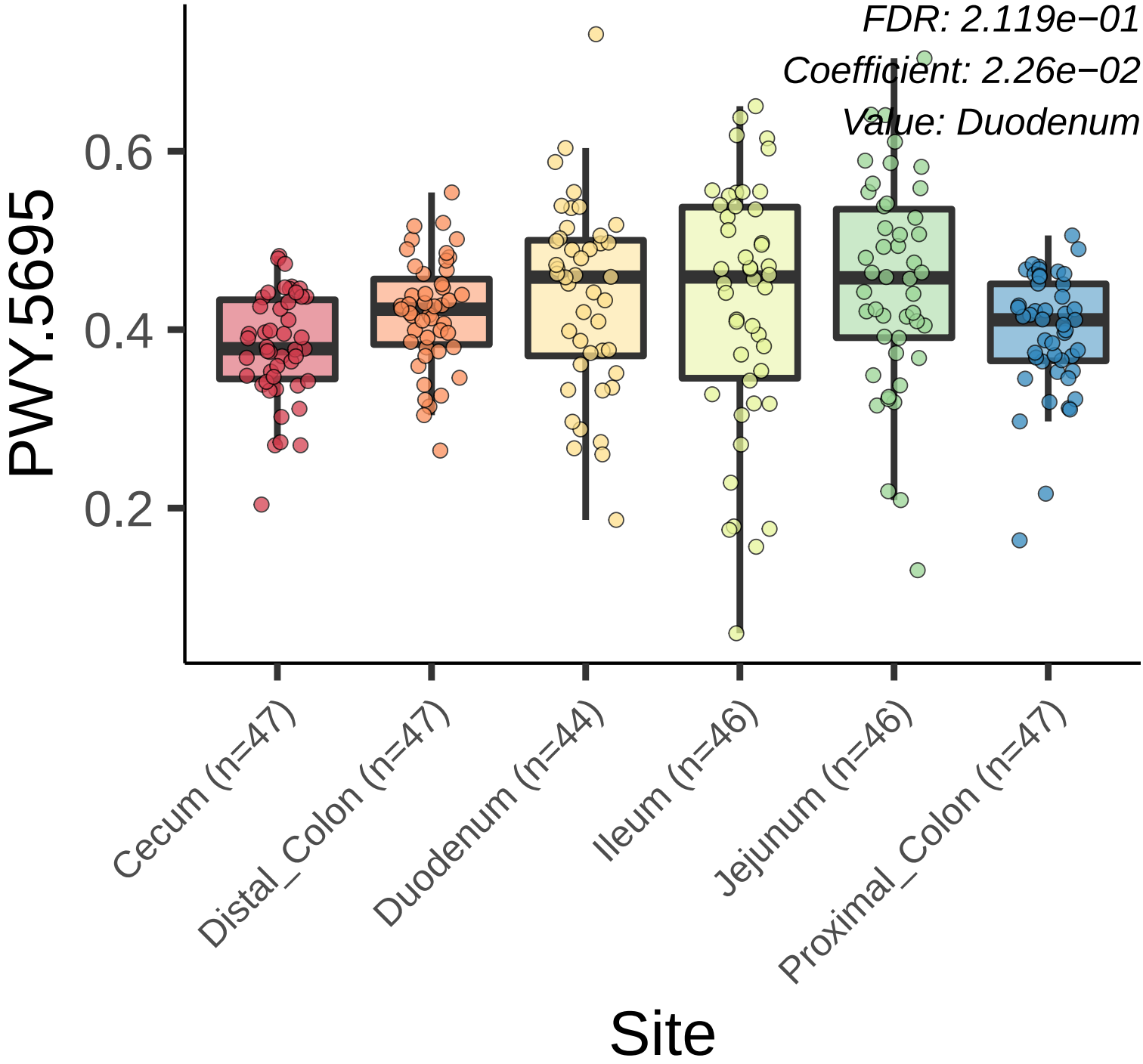
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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0.4
0.2
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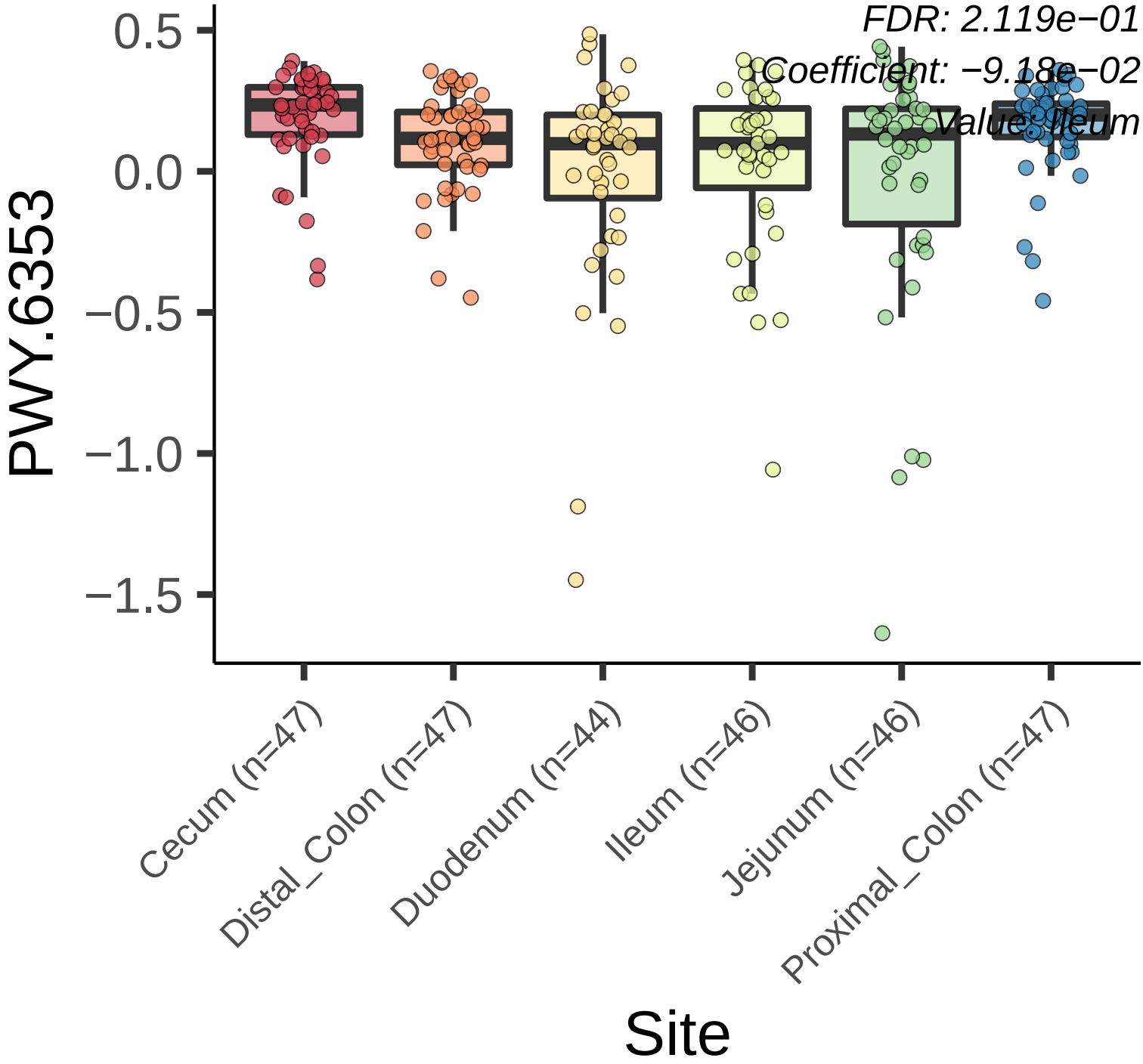
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −9.18e−02
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PWY.6353
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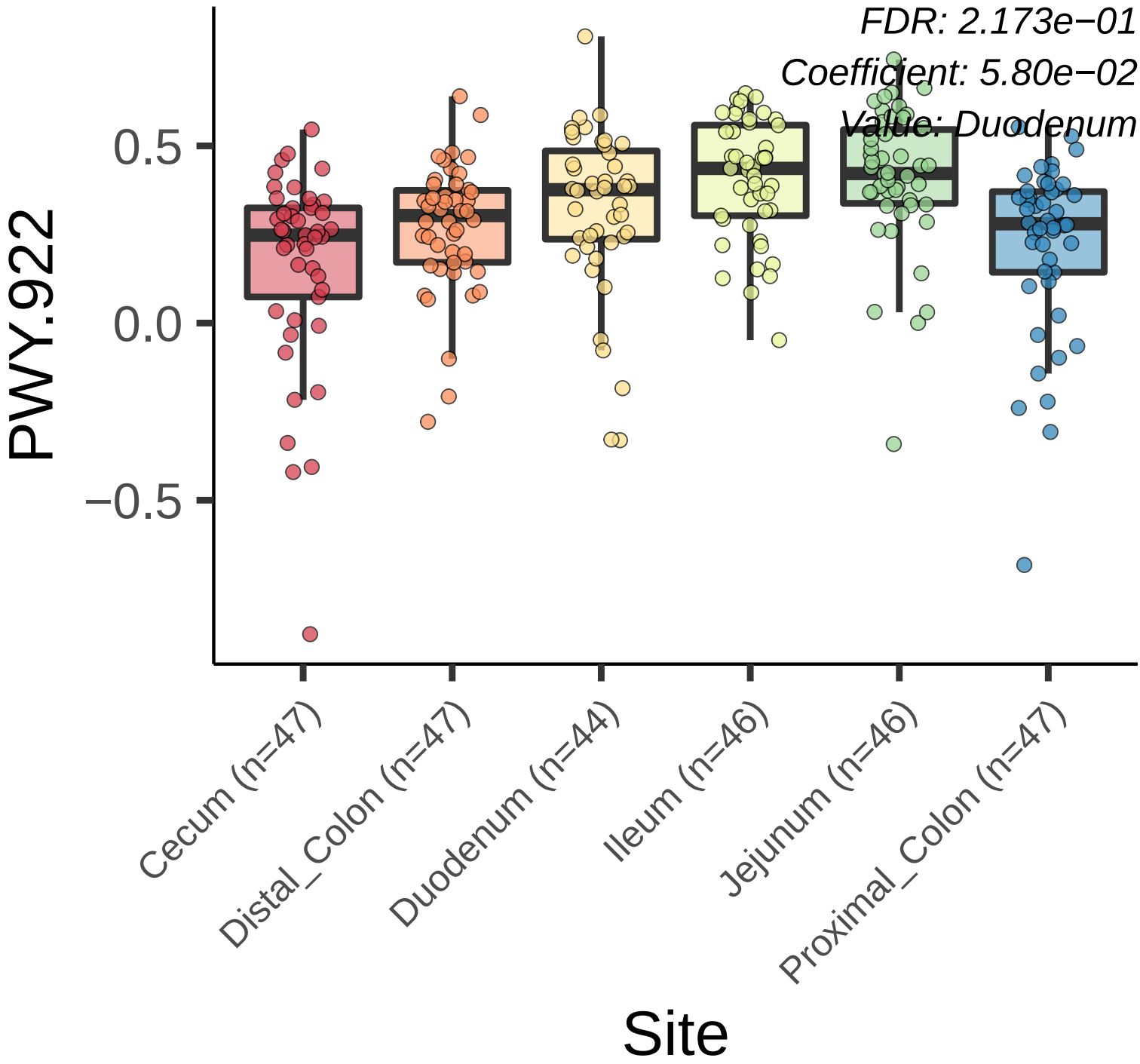
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.173e−01
Coefficient: 5.80e−02
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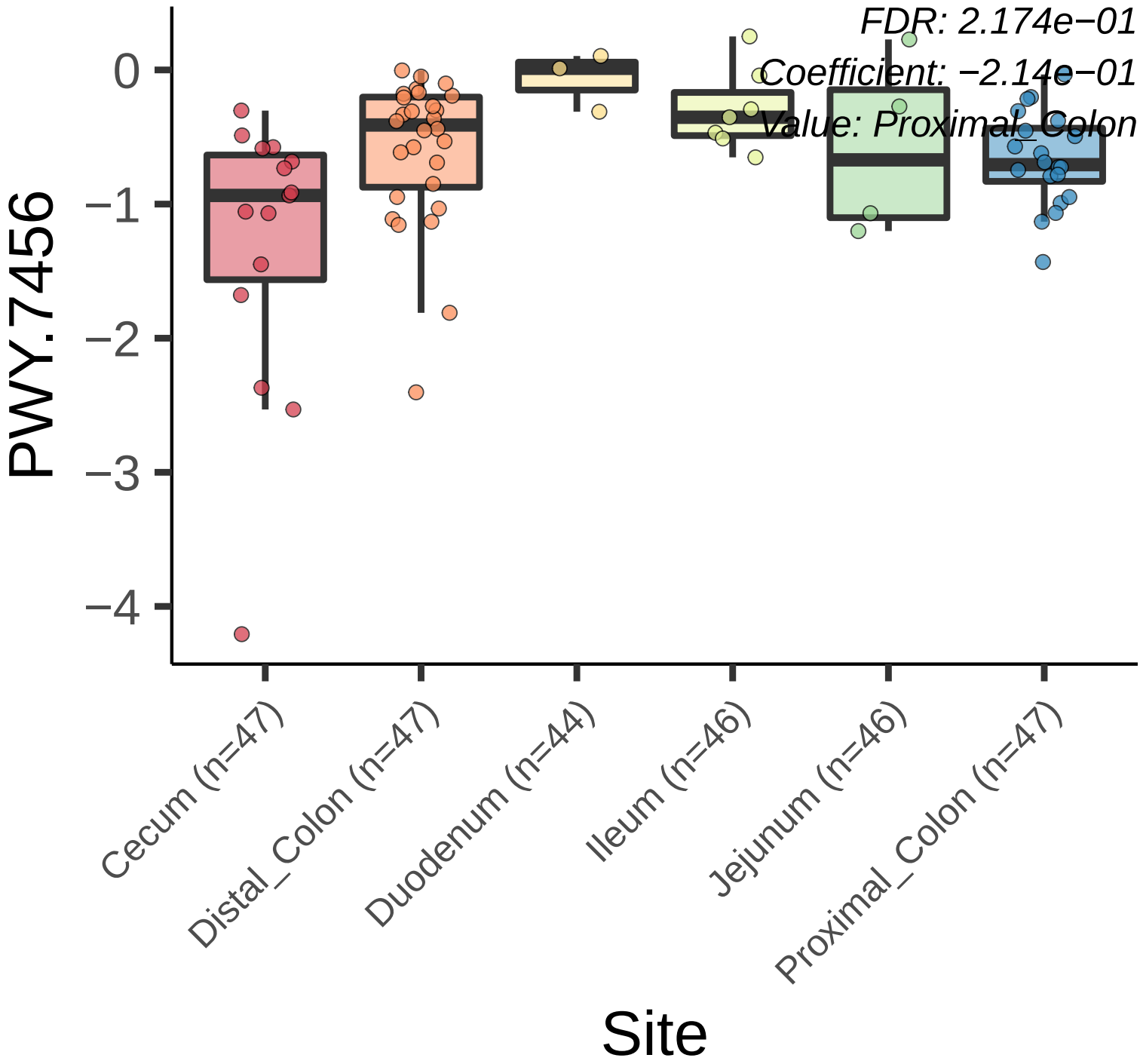
0.0
−0.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.174e−01
Coefficient: −2.14e−01
Value: Proximal_Colon
PWY.7456
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−1
−2
−3
−4
Cecum (n=47)
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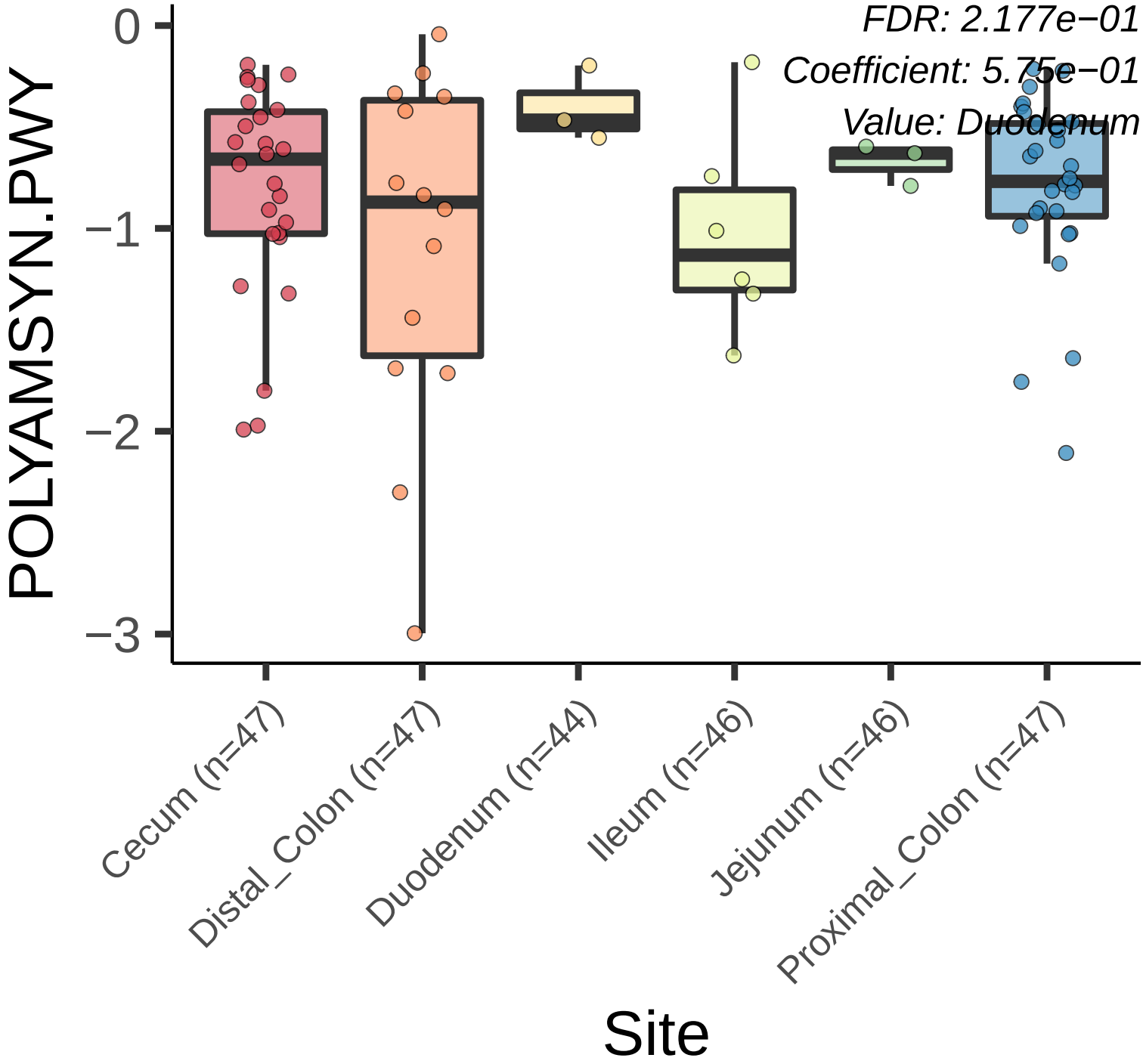
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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−1
−2
−3
Cecum (n=47)
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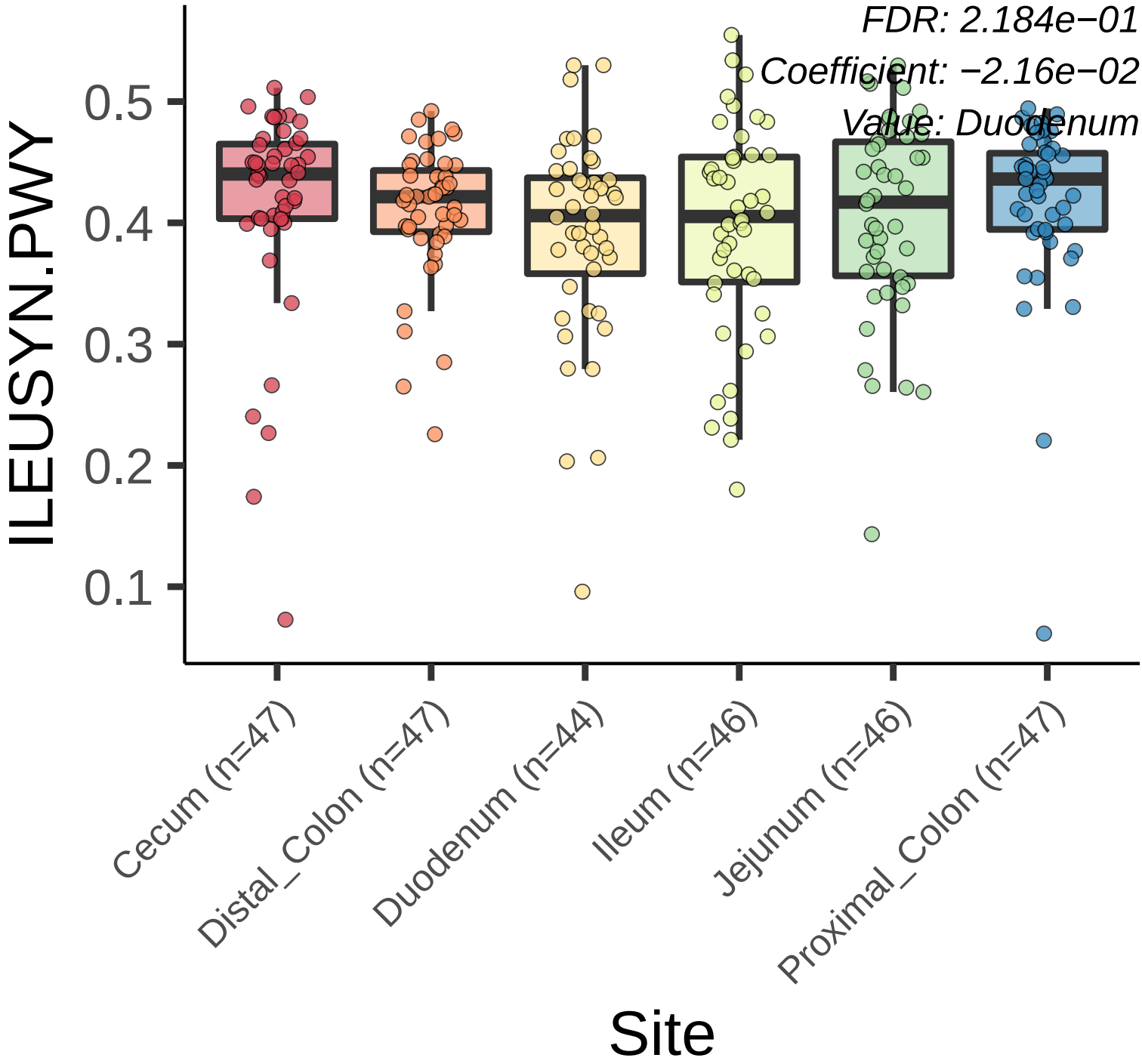
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.184e−01
Coefficient: −2.16e−02
Value: Duodenum
ILEUSYN.PWY
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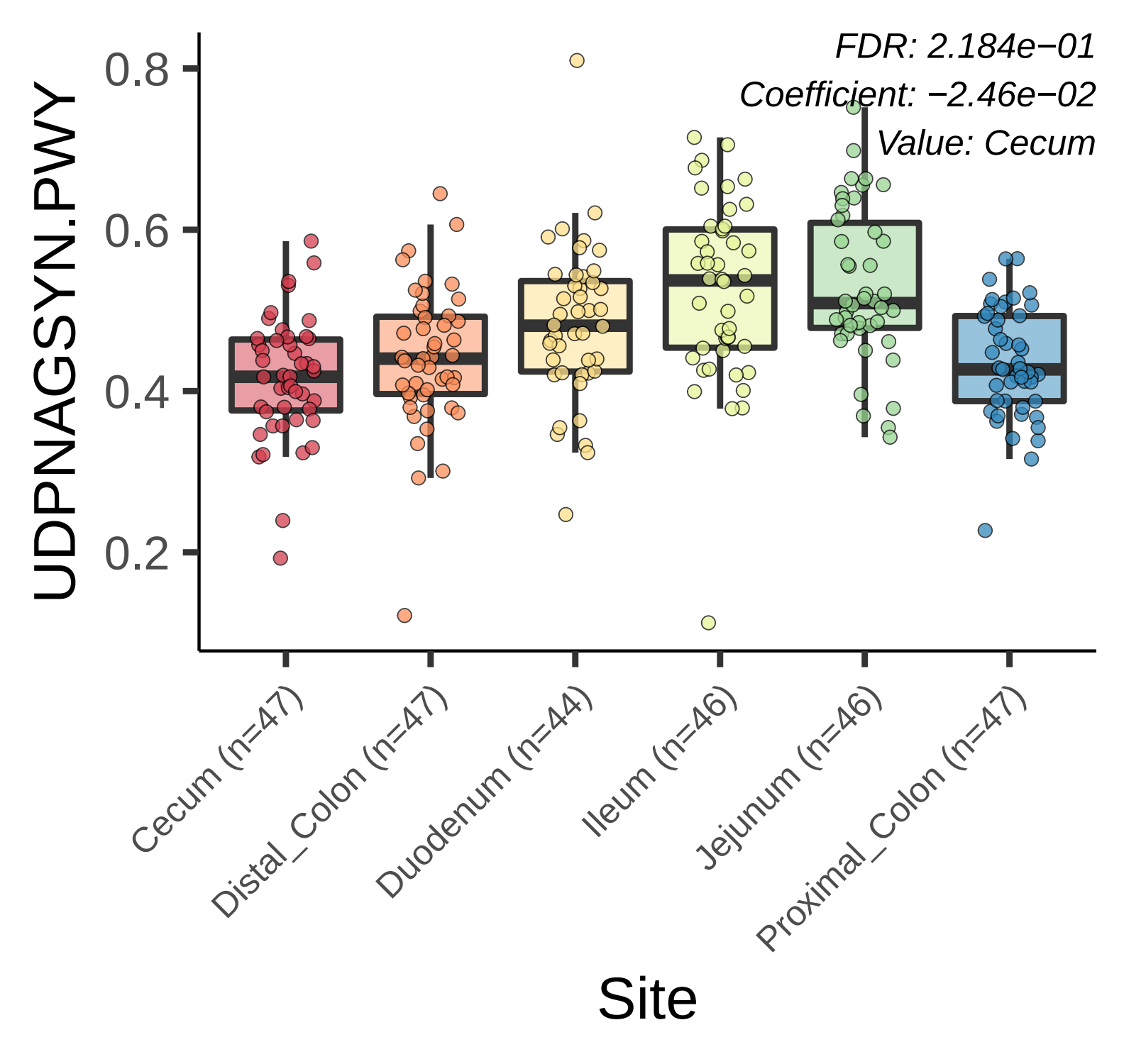
0.4
0.3
0.2
0.1
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.184e−01
Coefficient: −2.46e−02
Value: Cecum
UDPNAGSYN.PWY
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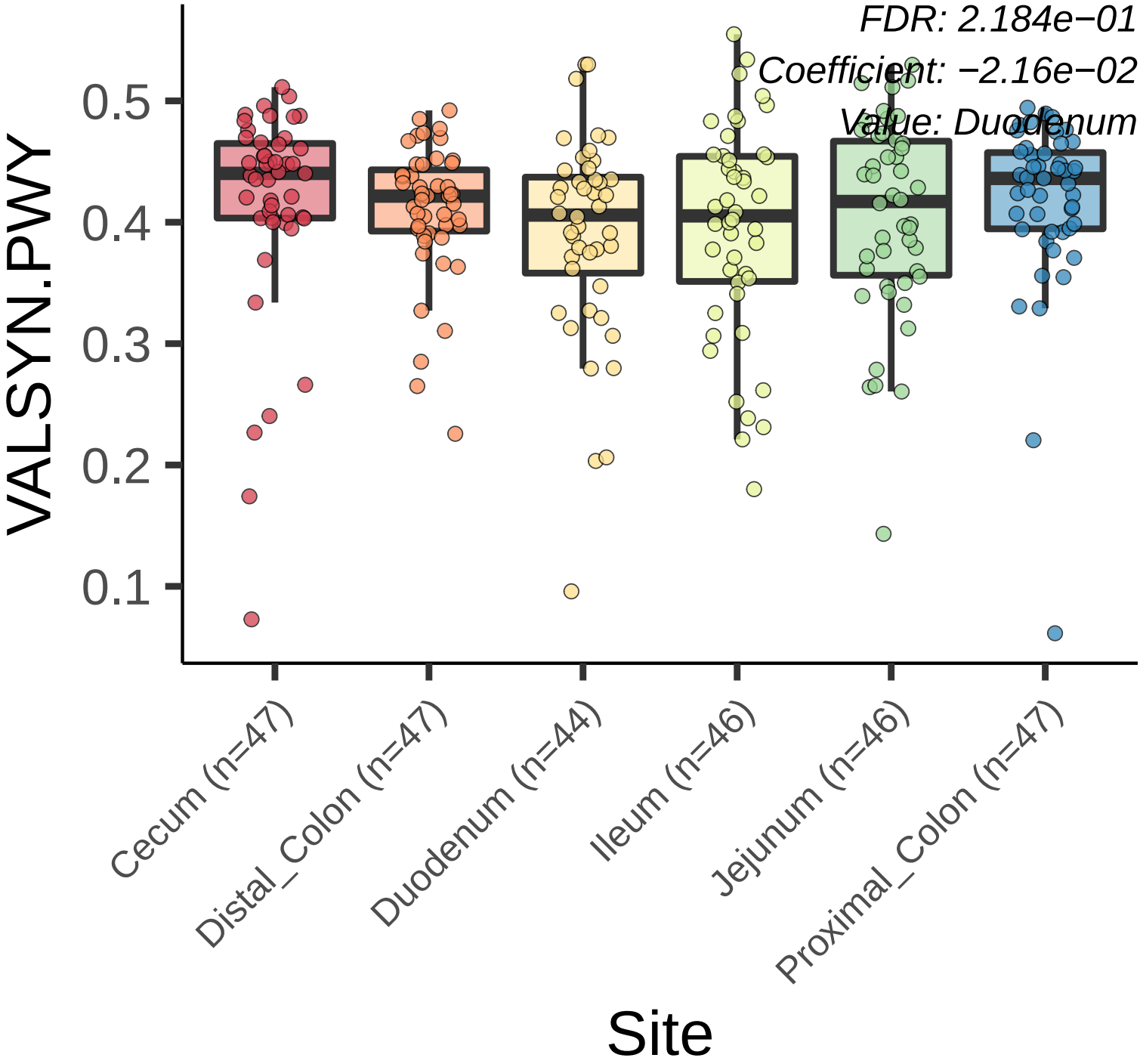
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.184e−01
Coefficient: −2.16e−02
Value: Duodenum
VALSYN.PWY
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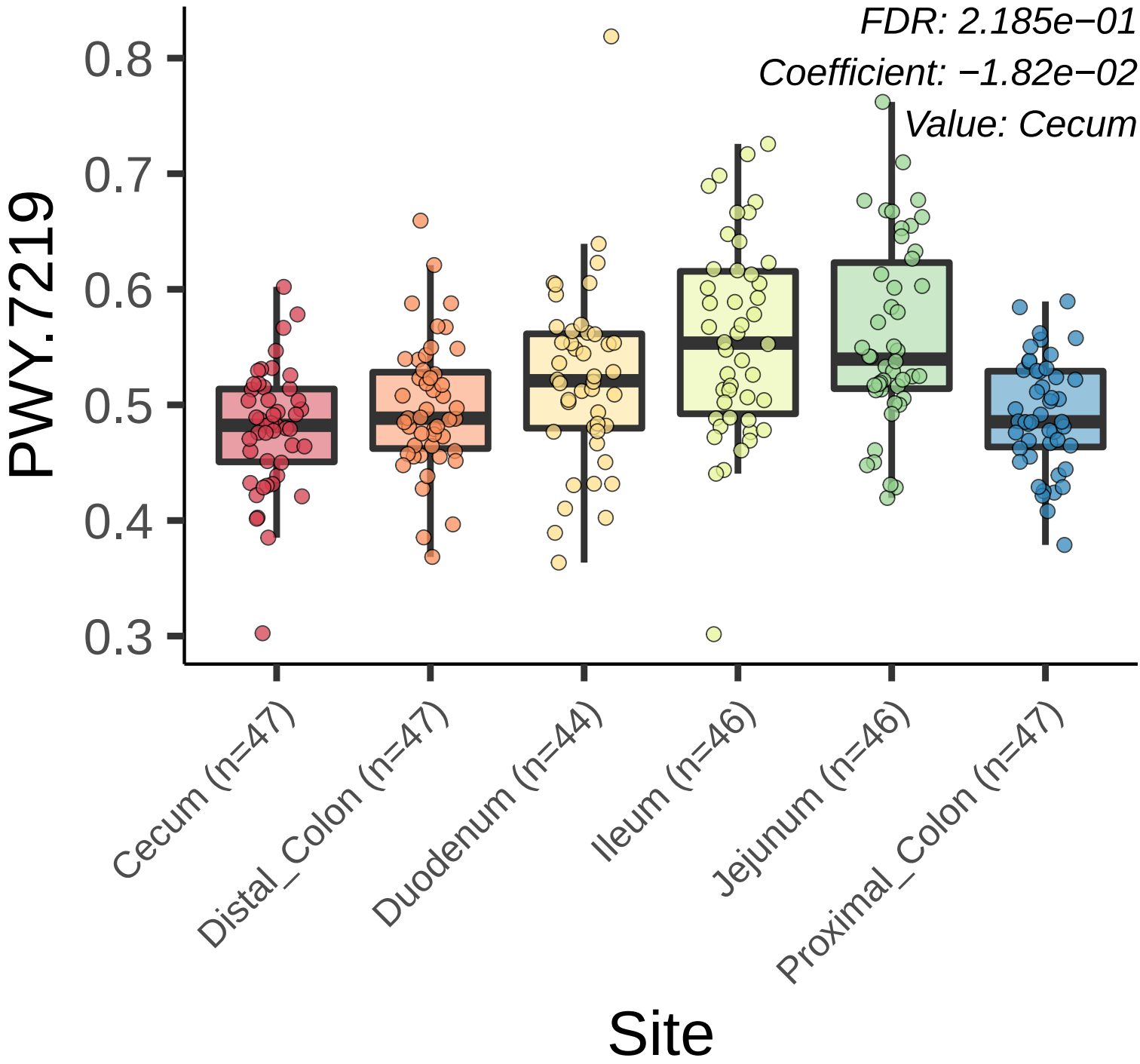
0.4
0.3
0.2
0.1
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.185e−01
Coefficient: −1.82e−02
Value: Cecum
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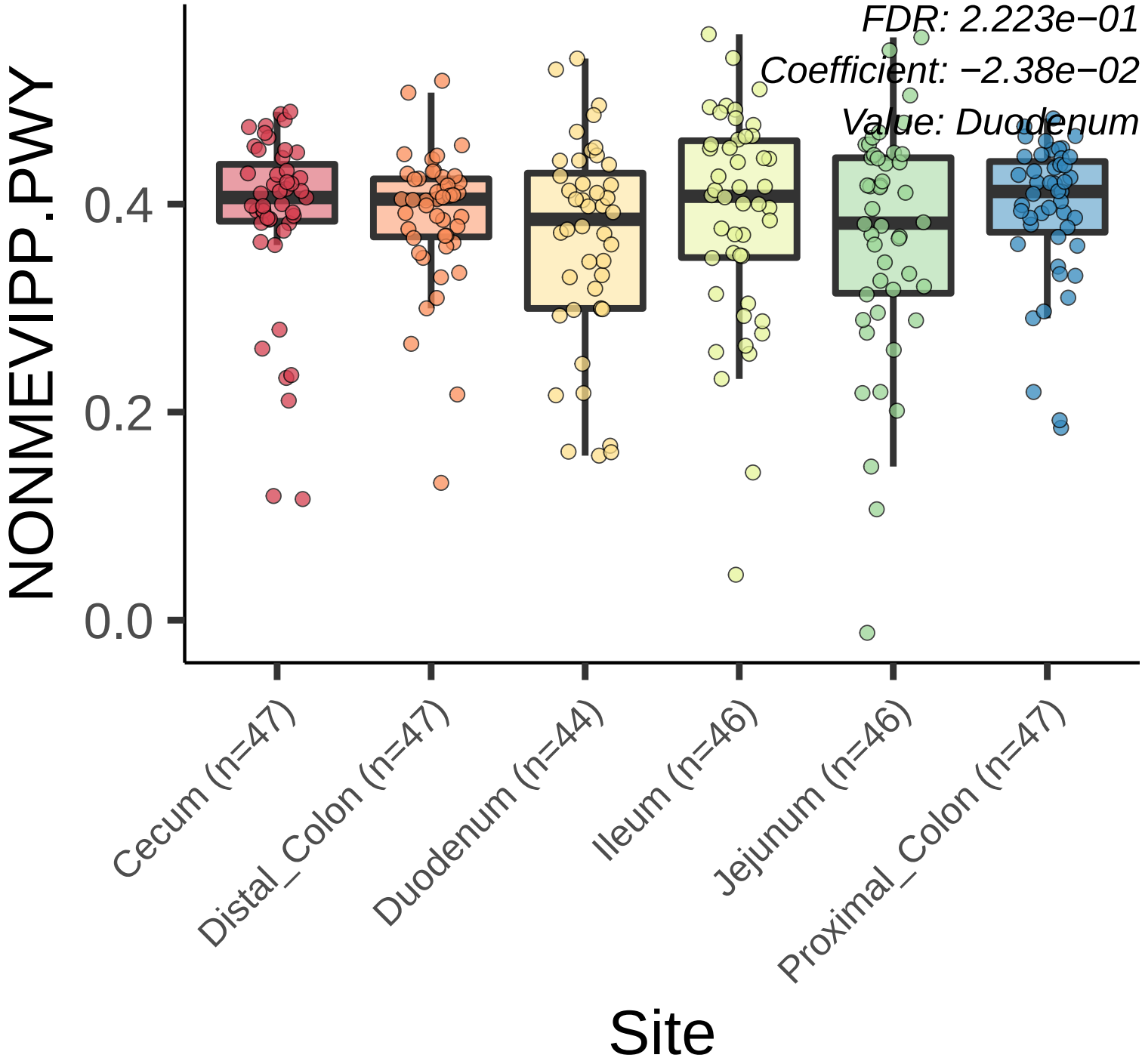
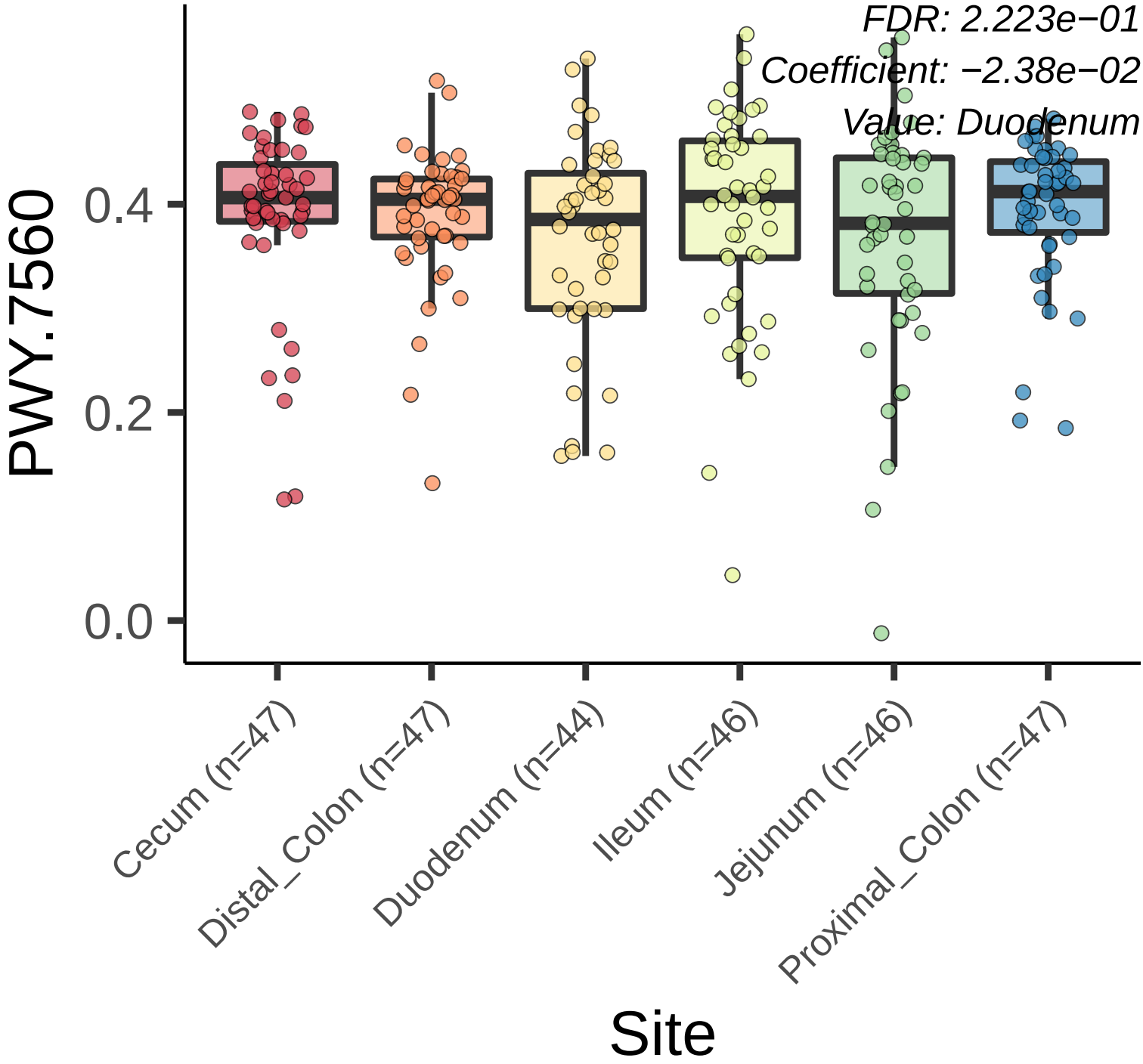
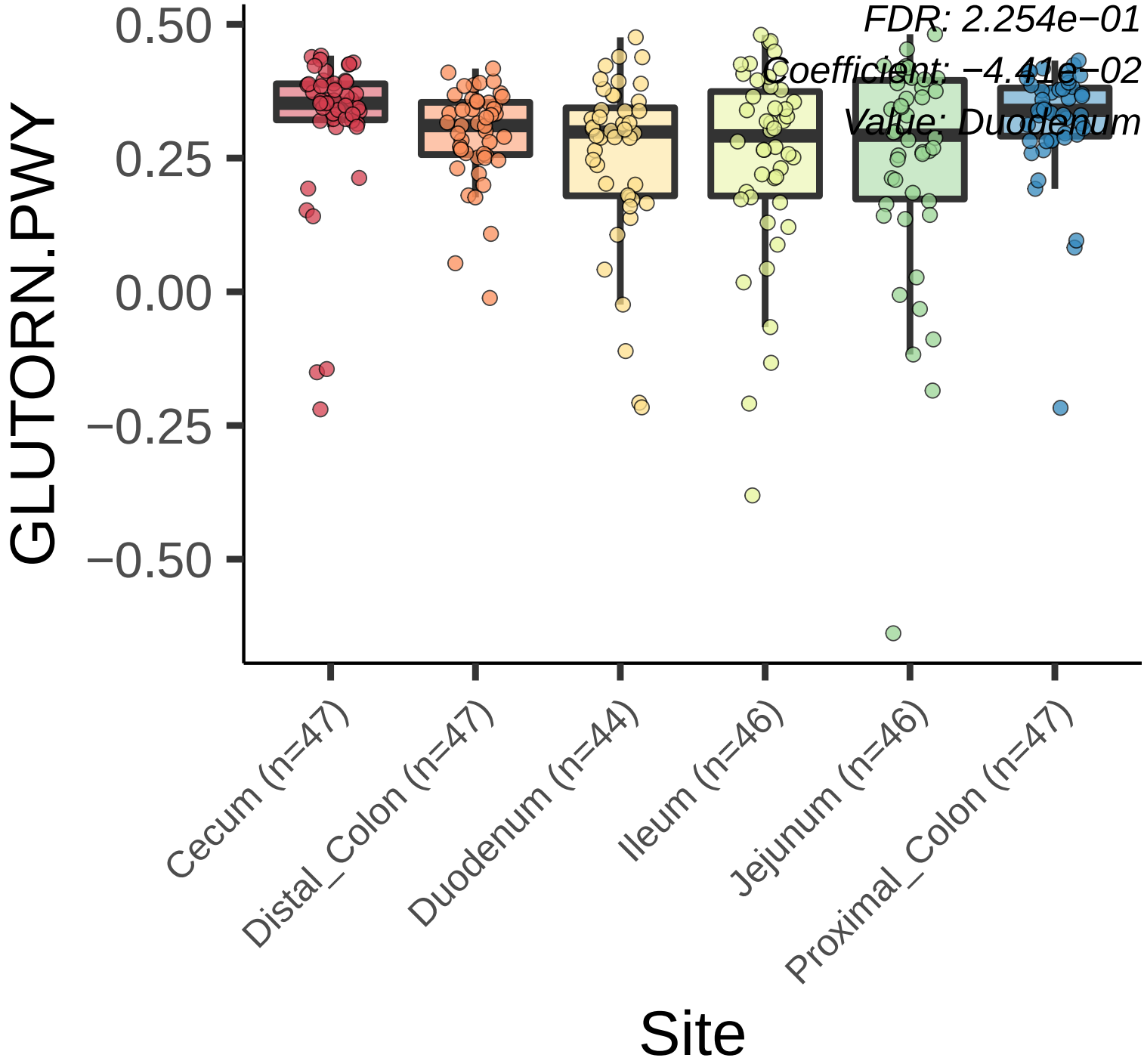
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.223e−01
Coefficient: −2.38e−02
Value: Duodenum
NONMEVIPP.PWY
0.0
0.2
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.223e−01
Coefficient: −2.38e−02
Value: Duodenum
PWY.7560
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.254e−01
Coefficient: −4.41e−02
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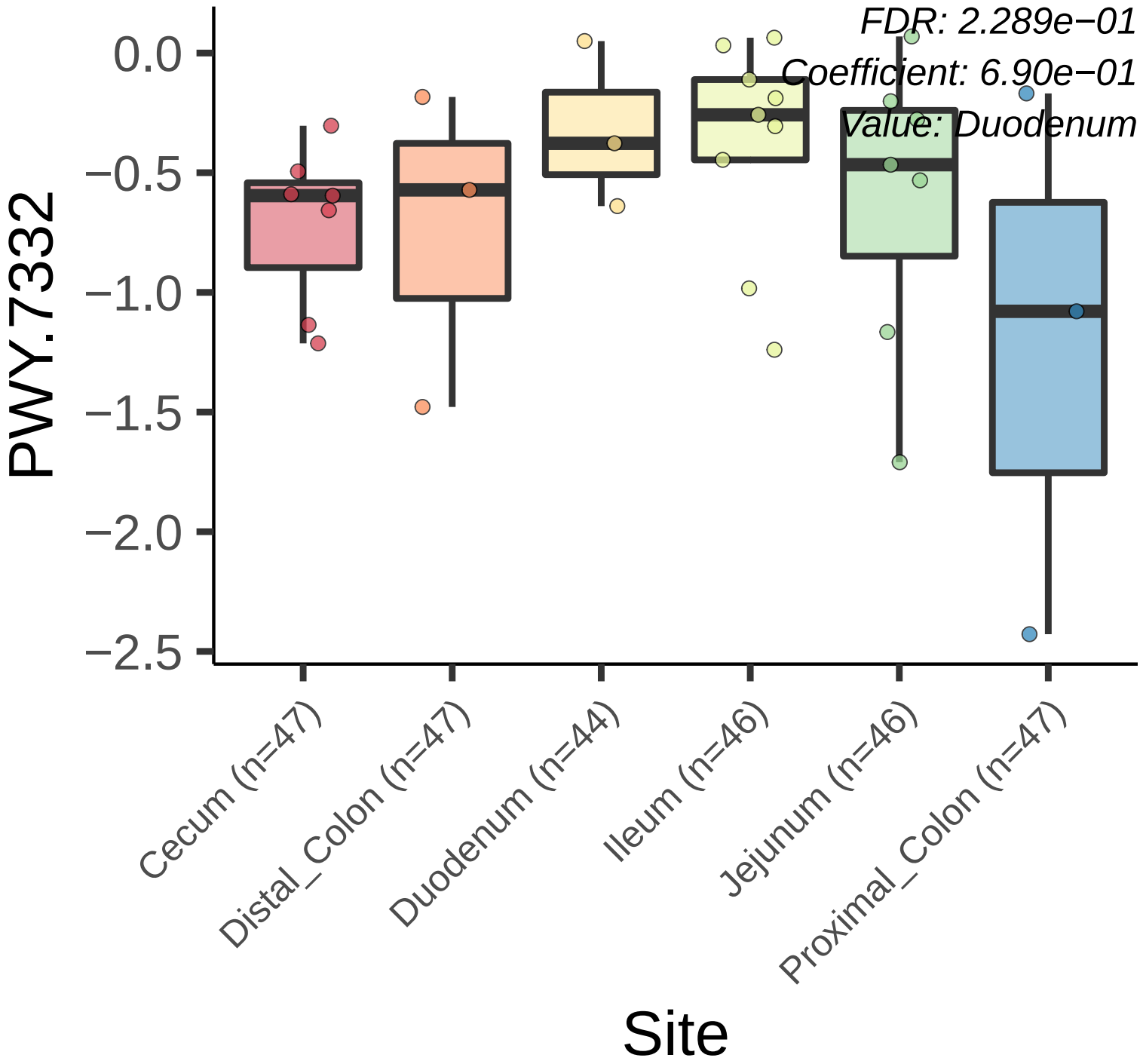
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.289e−01
Coefficient: 6.90e−01
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PWY.7332
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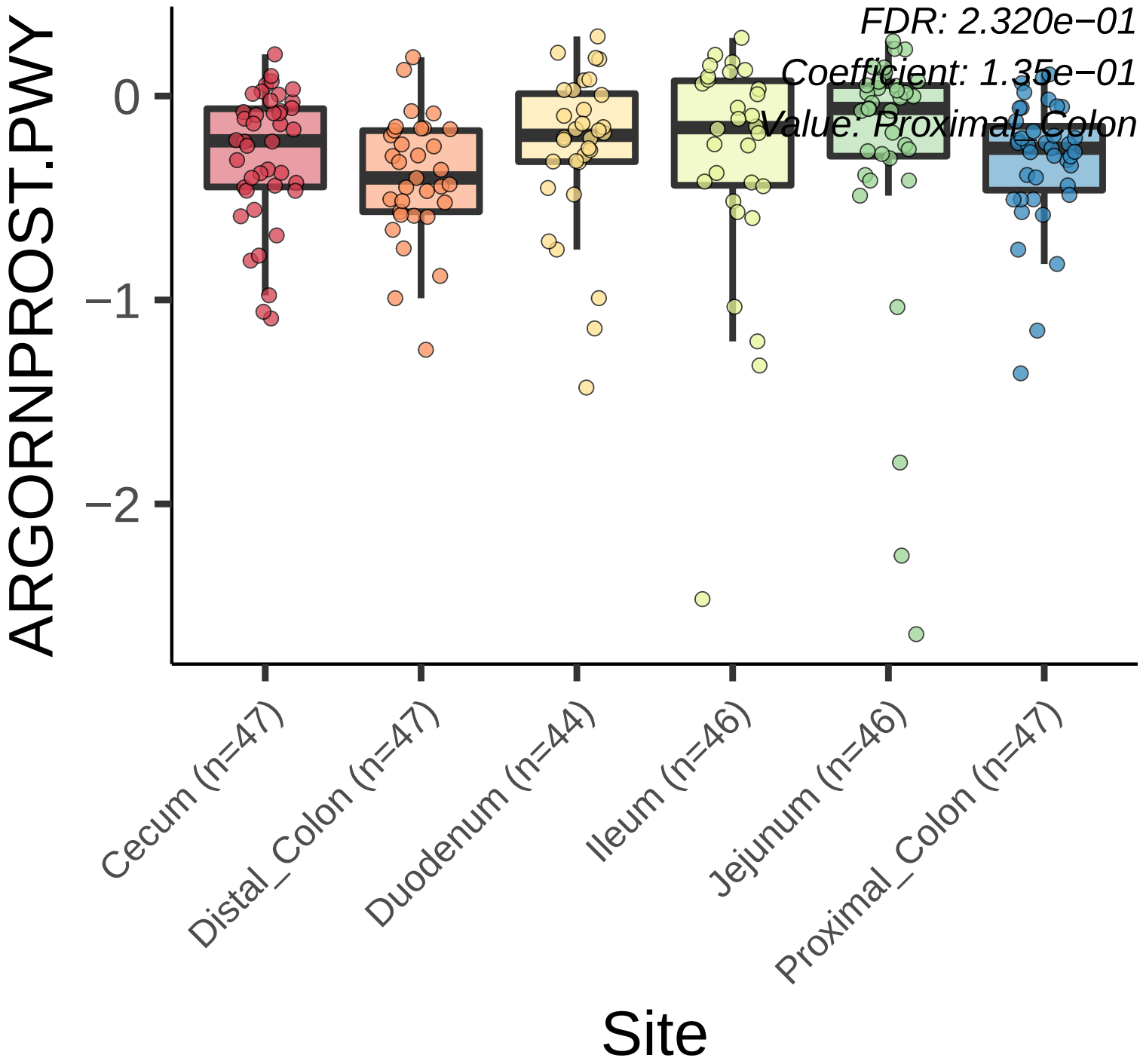
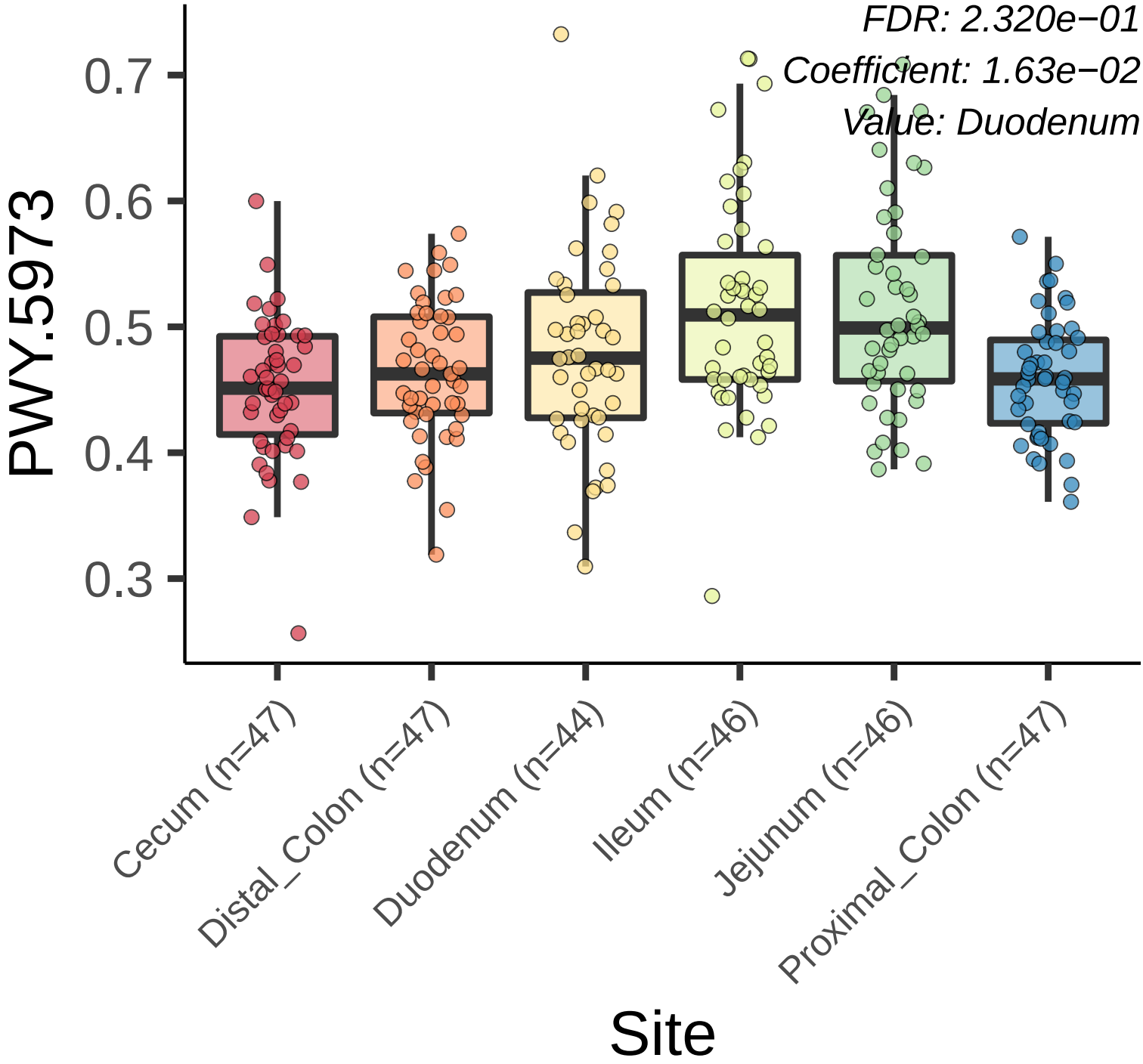
−0.5
−1.0
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.320e−01
Coefficient: 1.35e−01
Value: Proximal_Colon
ARGORNPROST.PWY
0
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.320e−01
Coefficient: 1.63e−02
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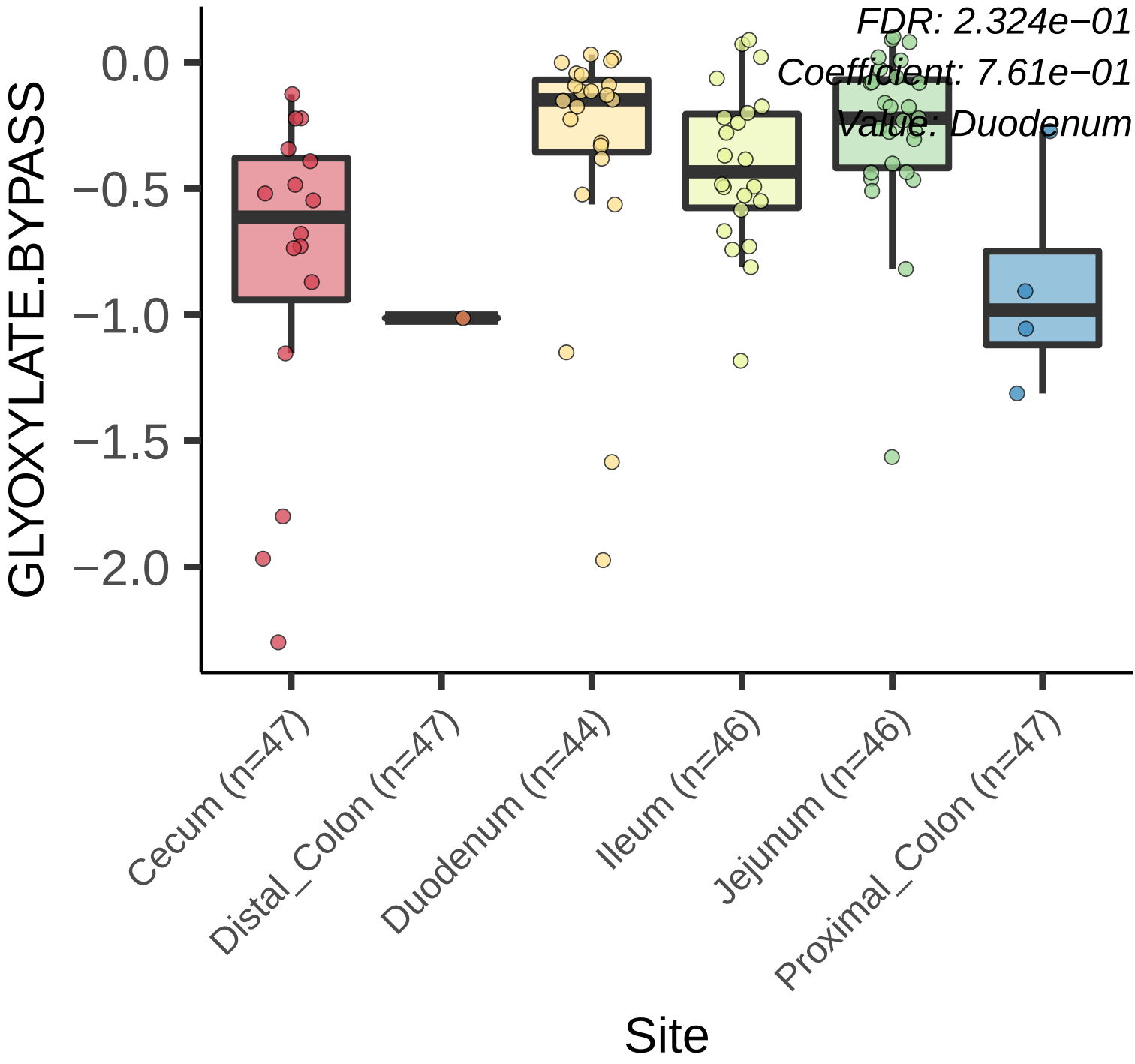
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 7.61e−01
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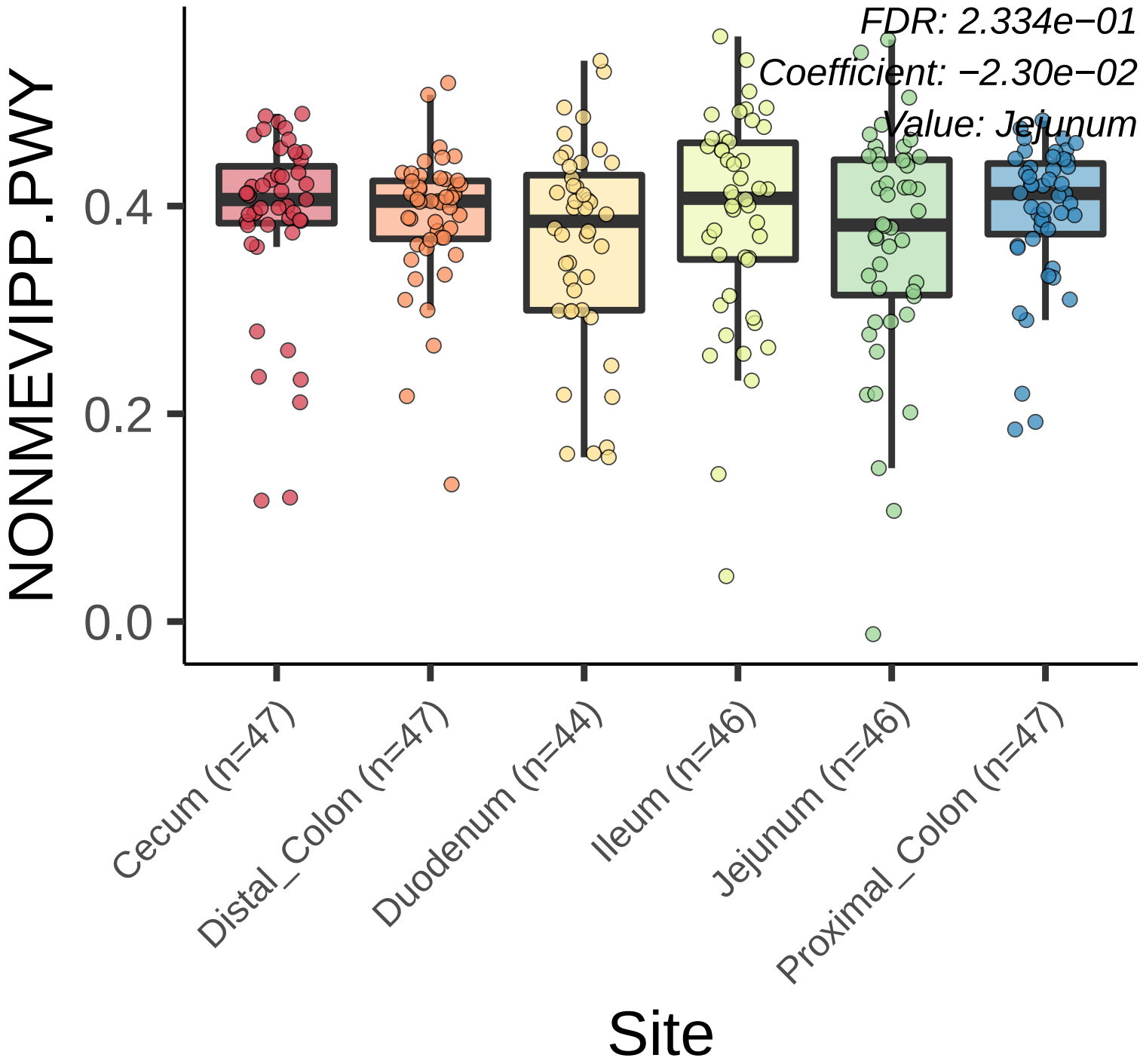
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.334e−01
Coefficient: −2.30e−02
Value: Jejunum
NONMEVIPP.PWY
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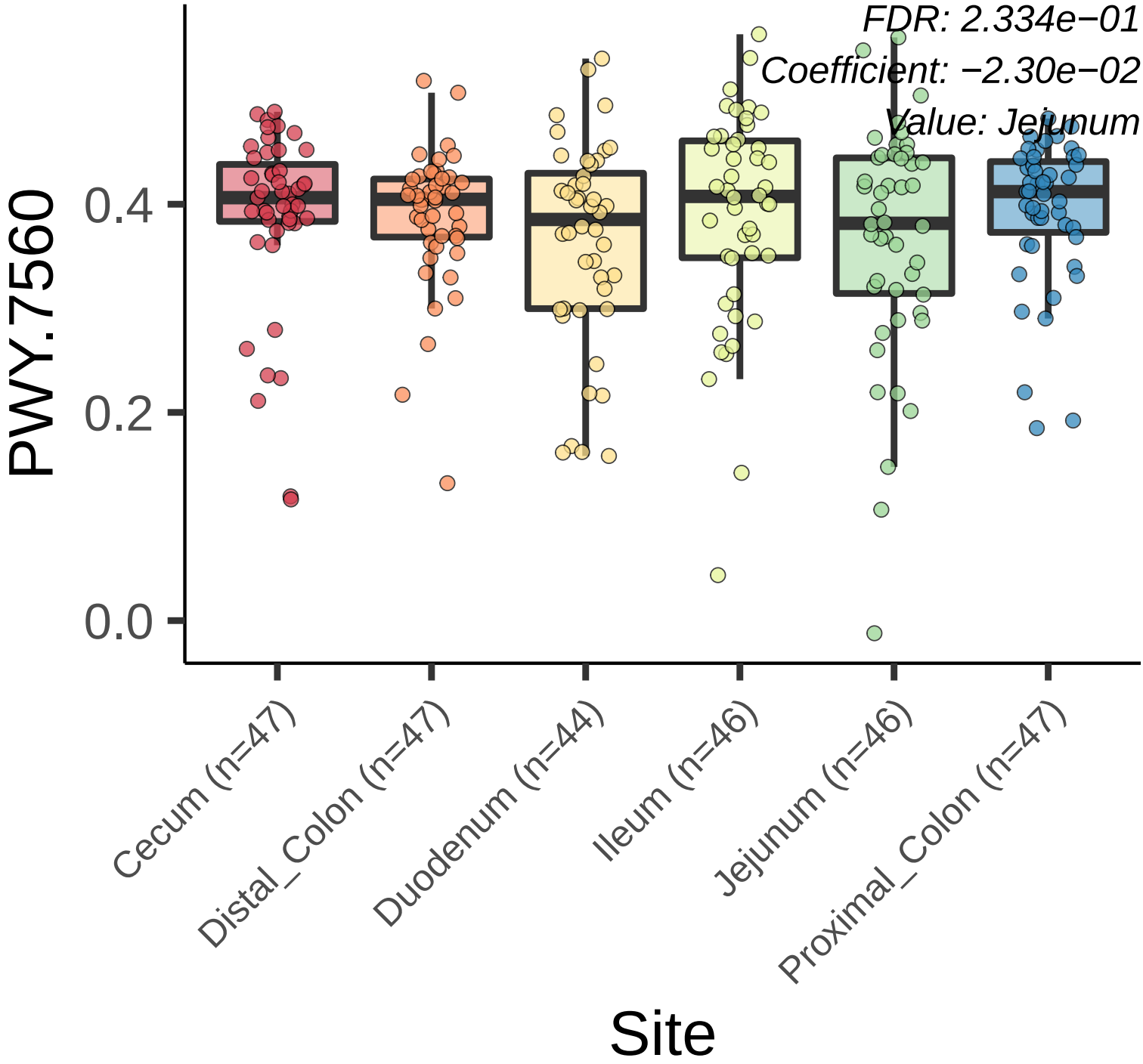
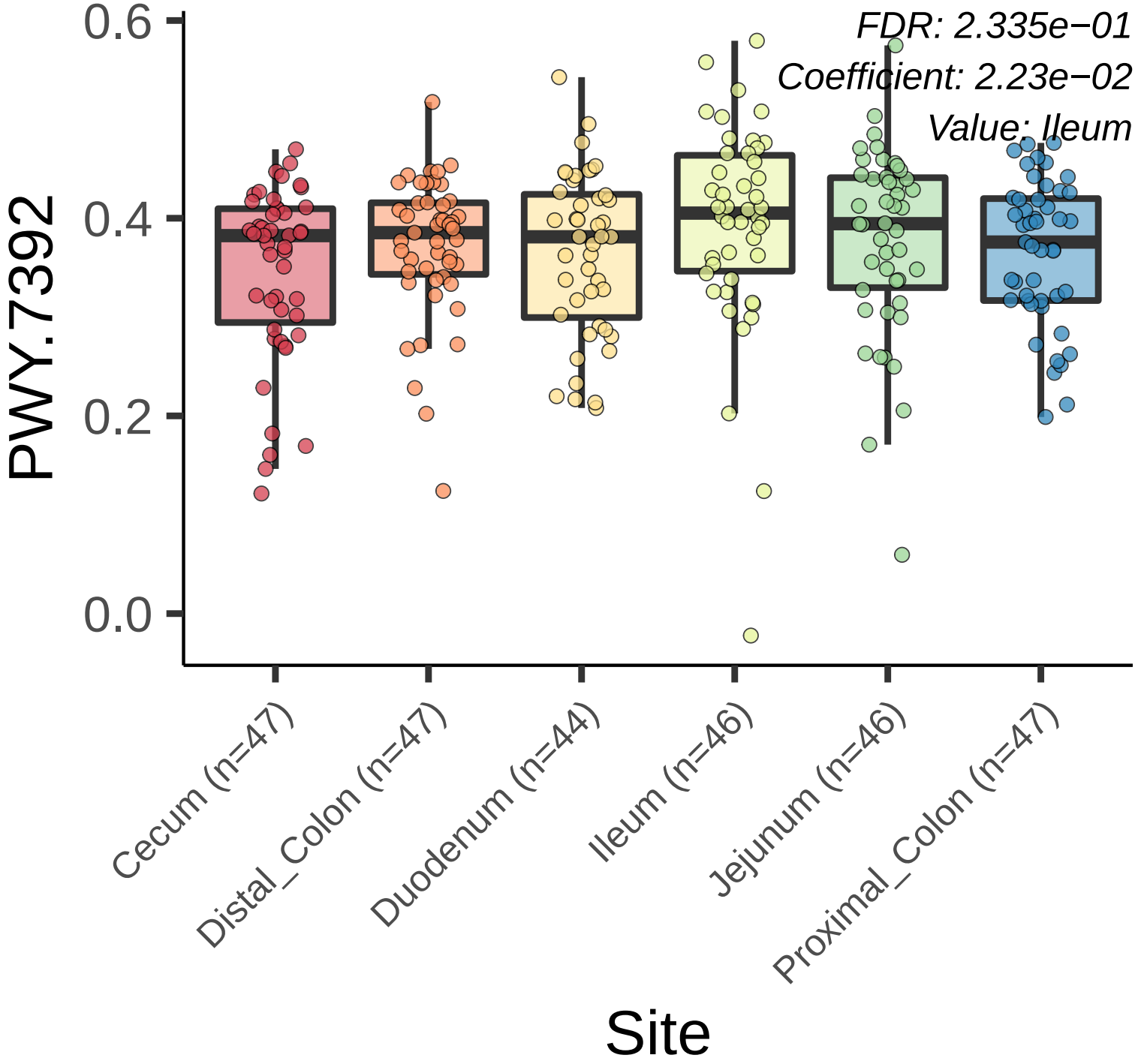
0.2
0.4
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.334e−01
Coefficient: −2.30e−02
Value: Jejunum
PWY.7560
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.335e−01
Coefficient: 2.23e−02
Value: Ileum
PWY.7392
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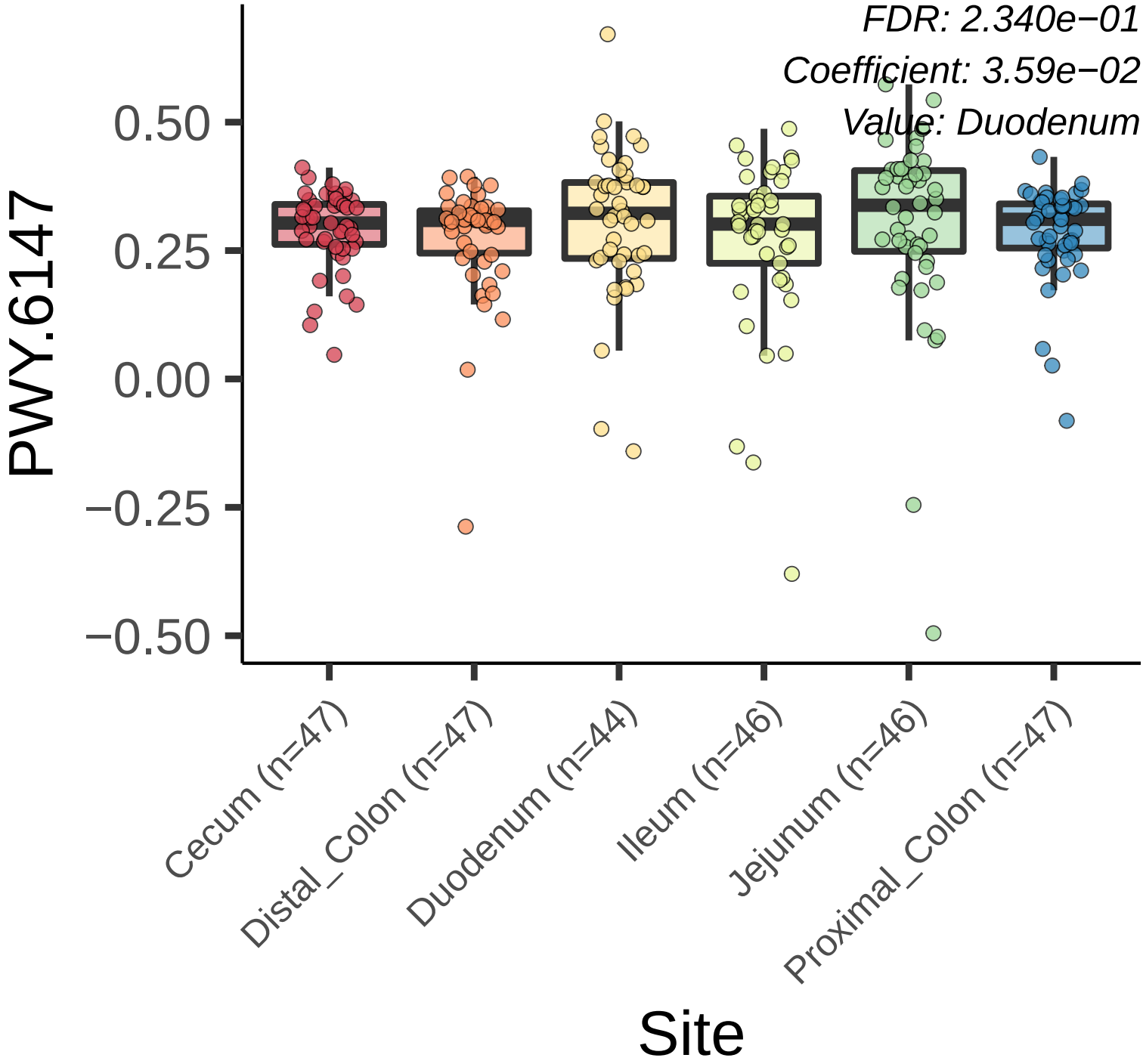
0.4
0.2
0.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 3.59e−02
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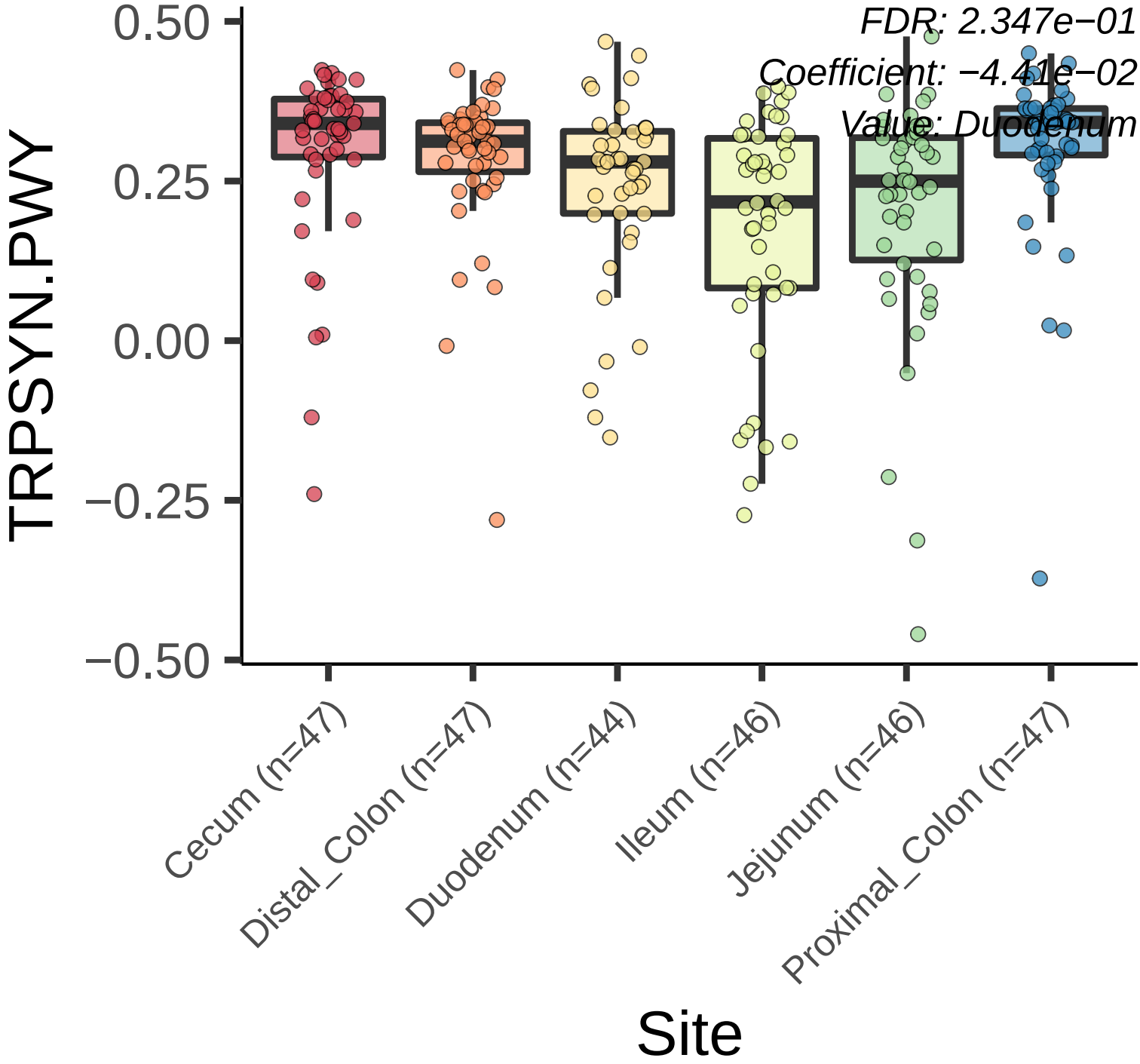
0.00
−0.25
−0.50
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −4.41e−02
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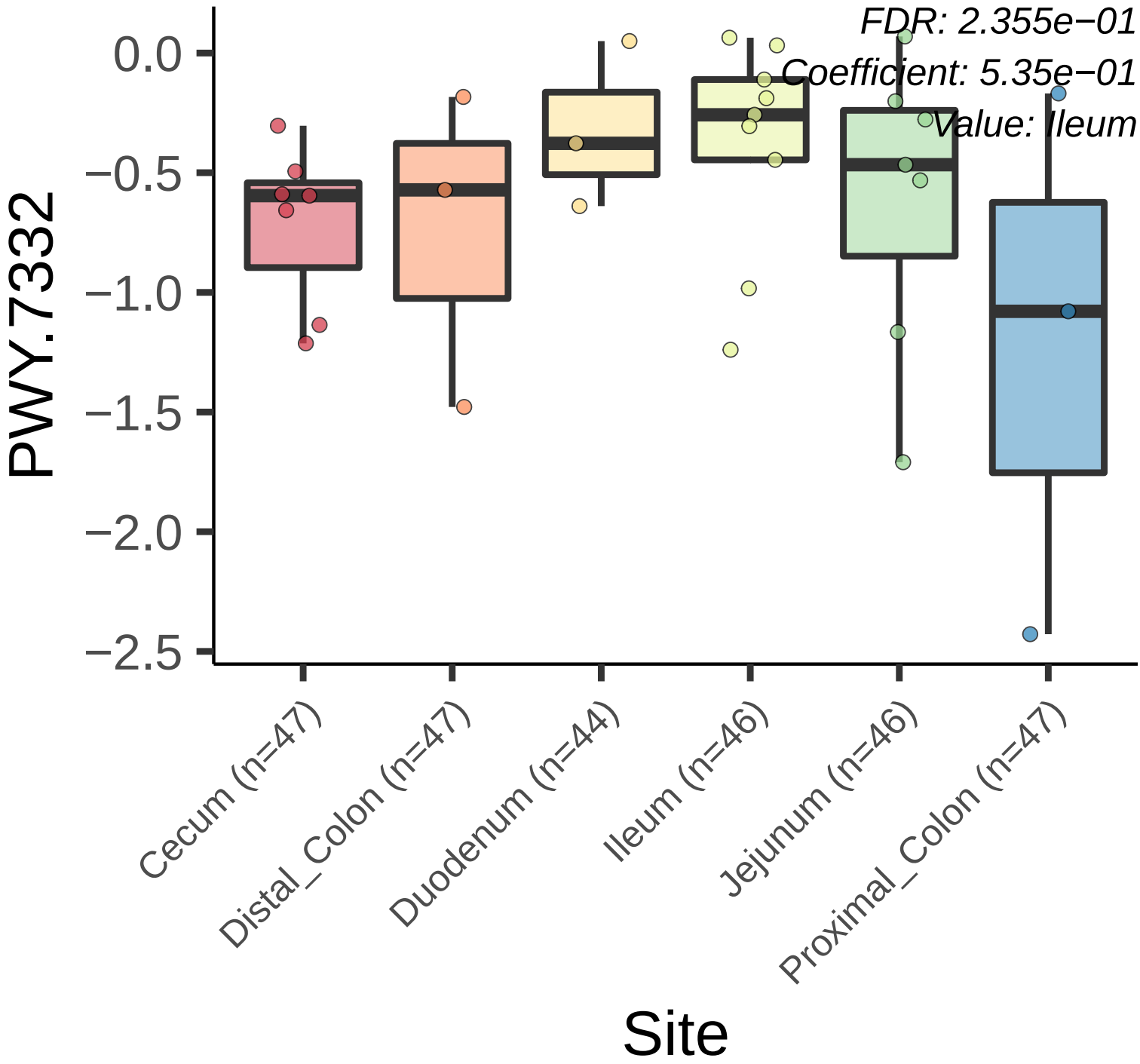
0.25
0.00
−0.25
−0.50
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: 5.35e−01
Value: Ileum
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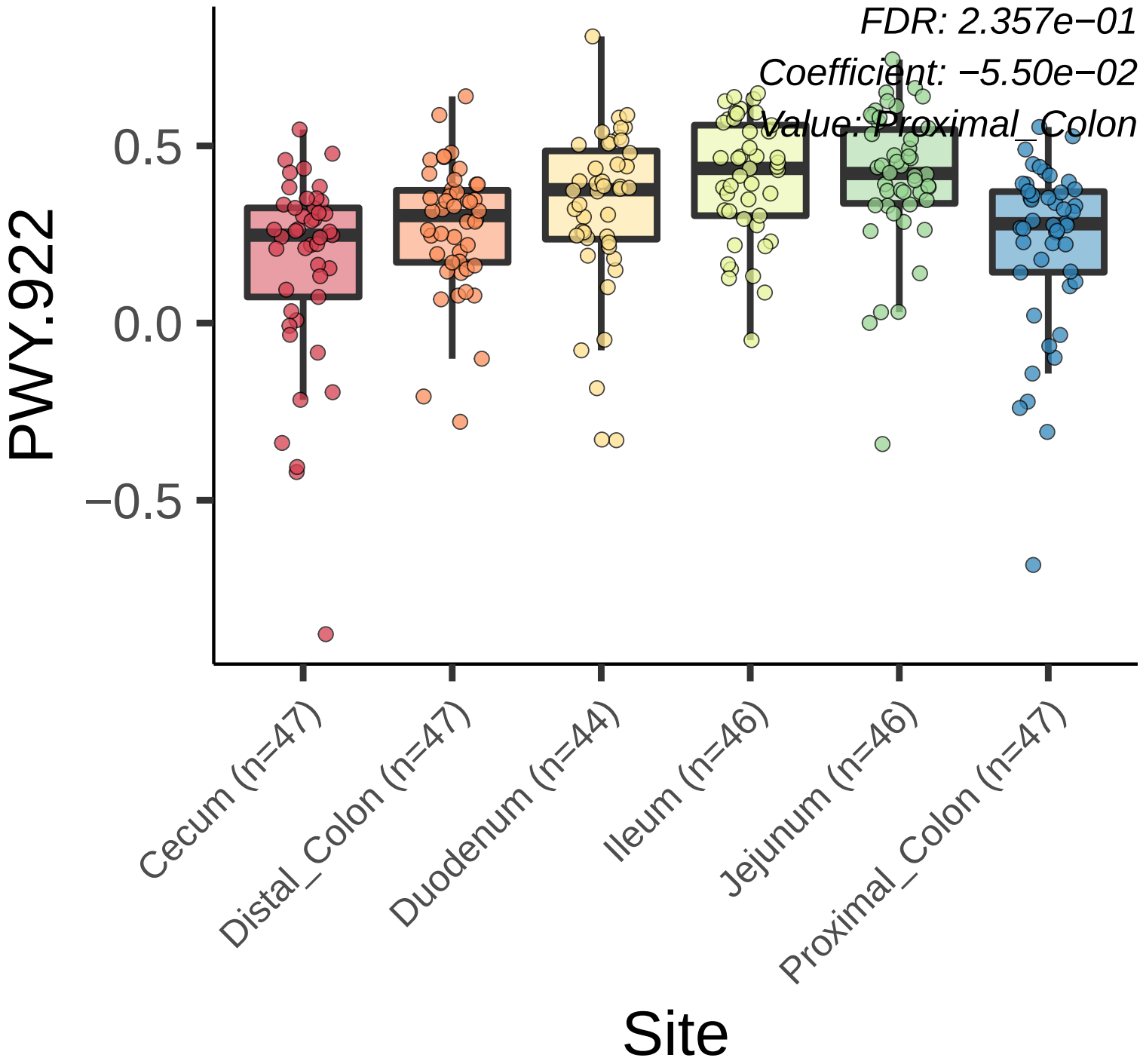
−0.5
−1.0
−1.5
−2.0
−2.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.357e−01
Coefficient: −5.50e−02
Value:Proximal_Colon
PWY.922
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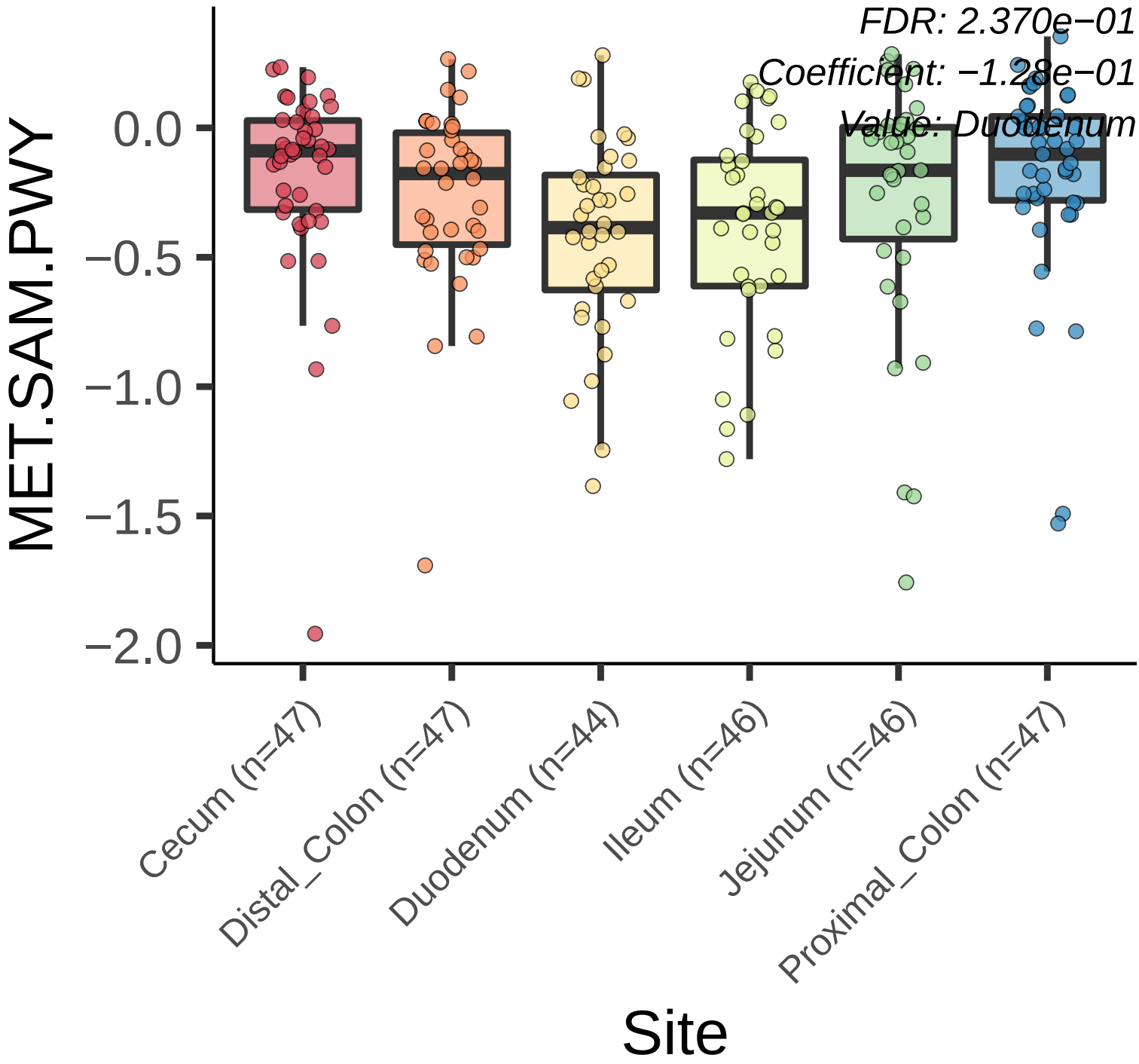
0.0
−0.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.370e−01
Coefficient: −1.28e−01
Value: Duodenum
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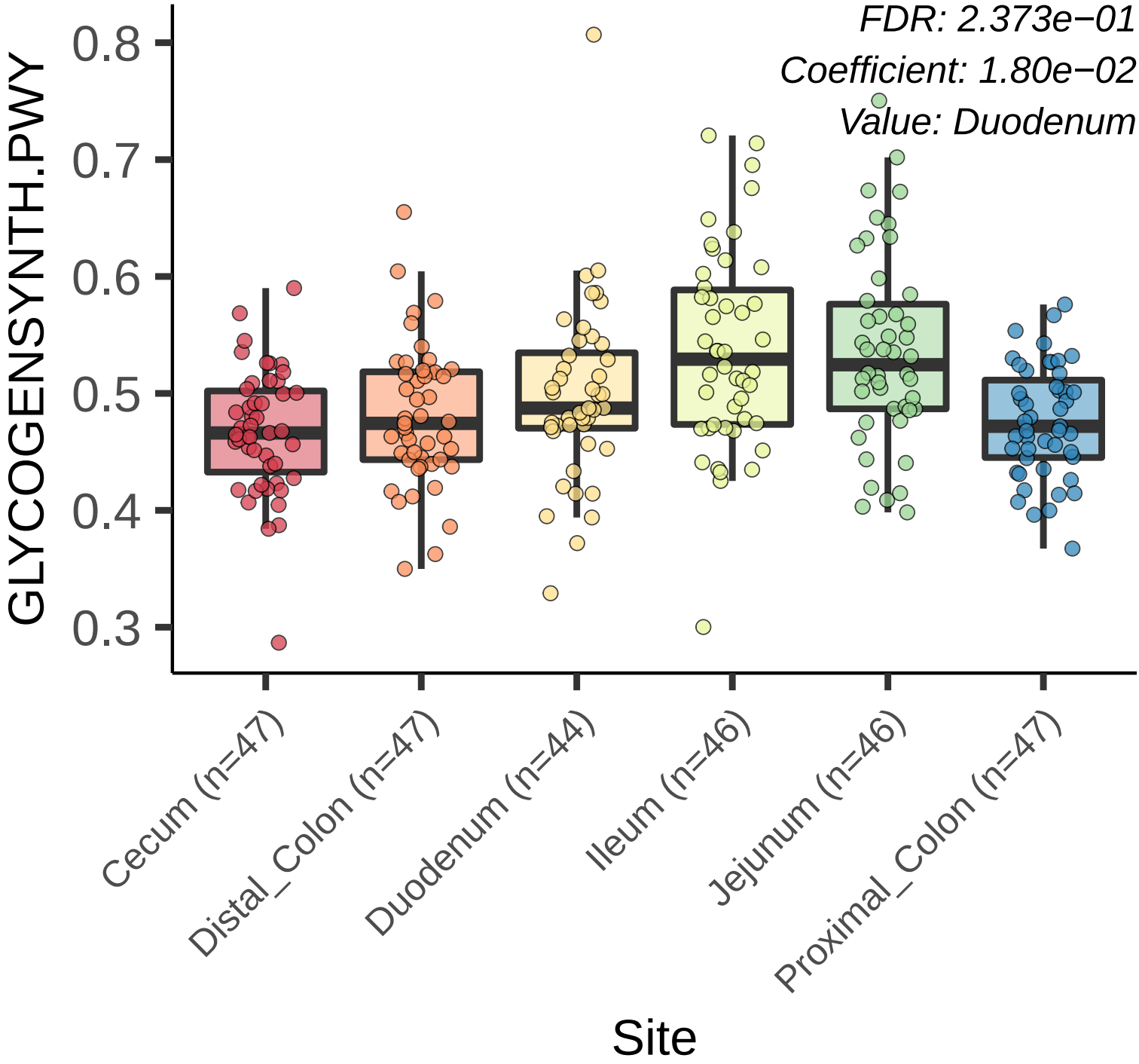
−0.5
−1.0
−1.5
−2.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.373e−01
Coefficient: 1.80e−02
Value: Duodenum
GLYCOGENSYNTH.PWY
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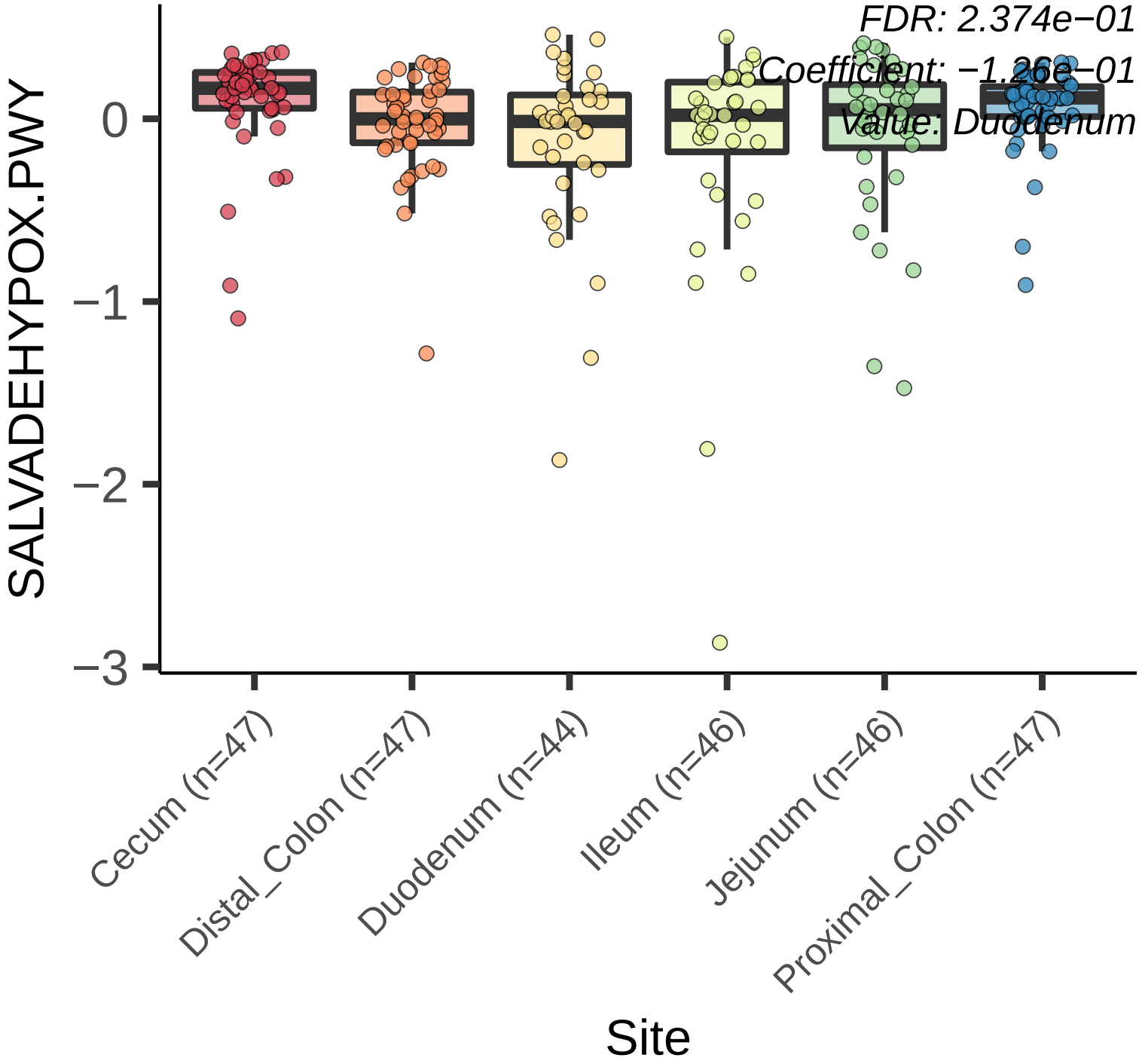
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.374e−01
Coefficient: −1.26e−01
Value: Duodenum
SALVADEHYPOX.PWY
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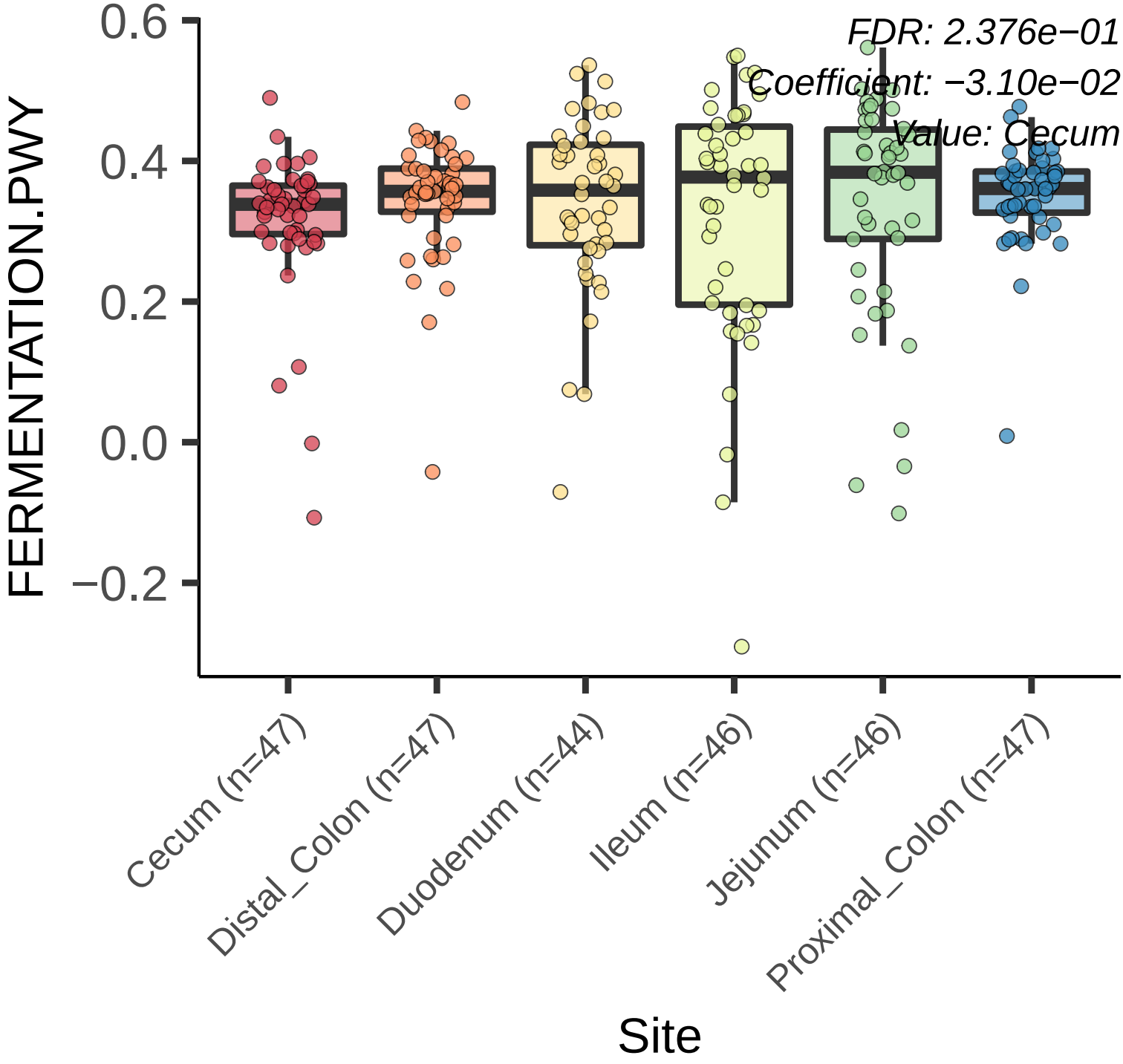
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.376e−01
Coefficient: −3.10e−02
Value: Cecum
FERMENTATION.PWY
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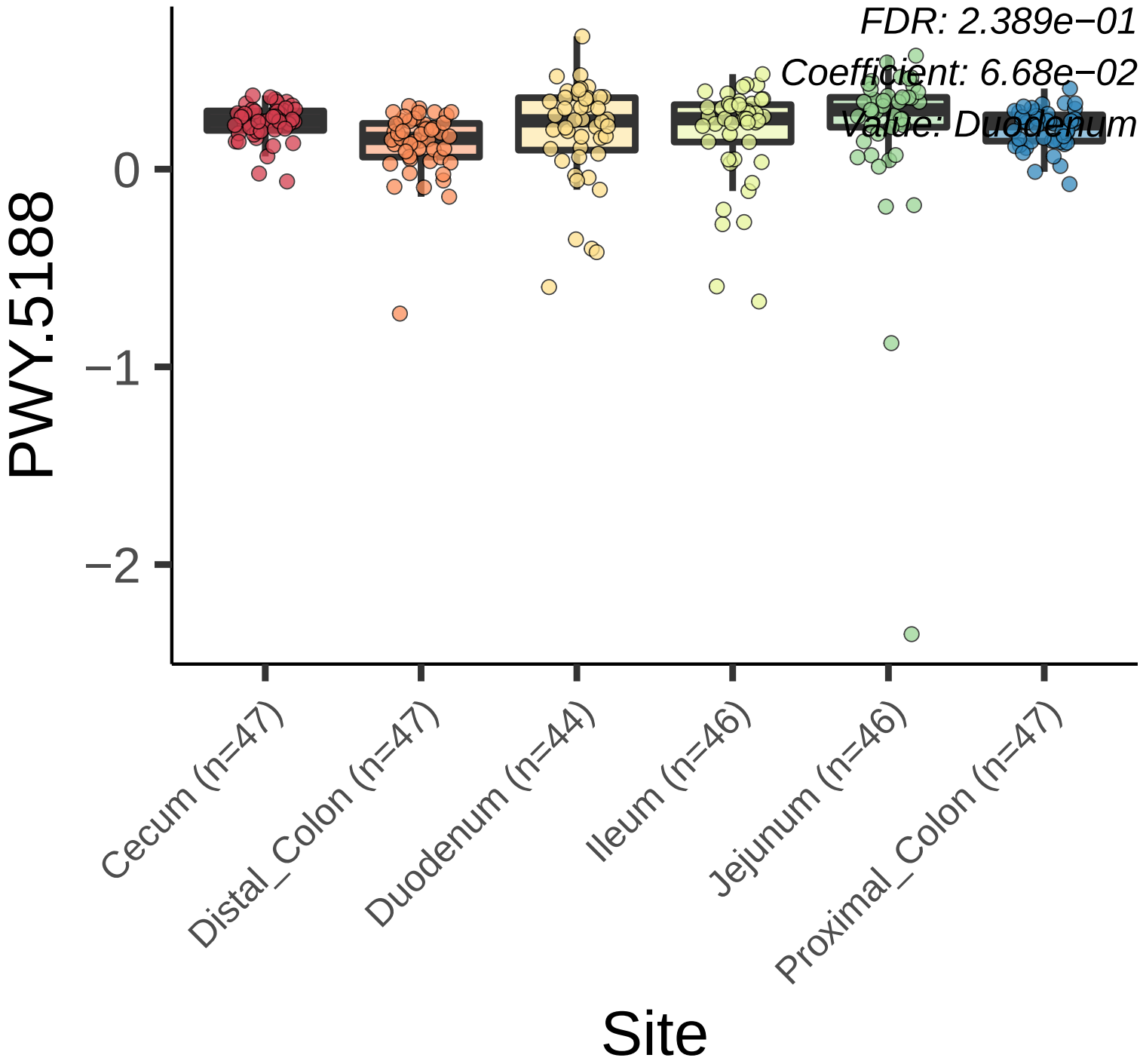
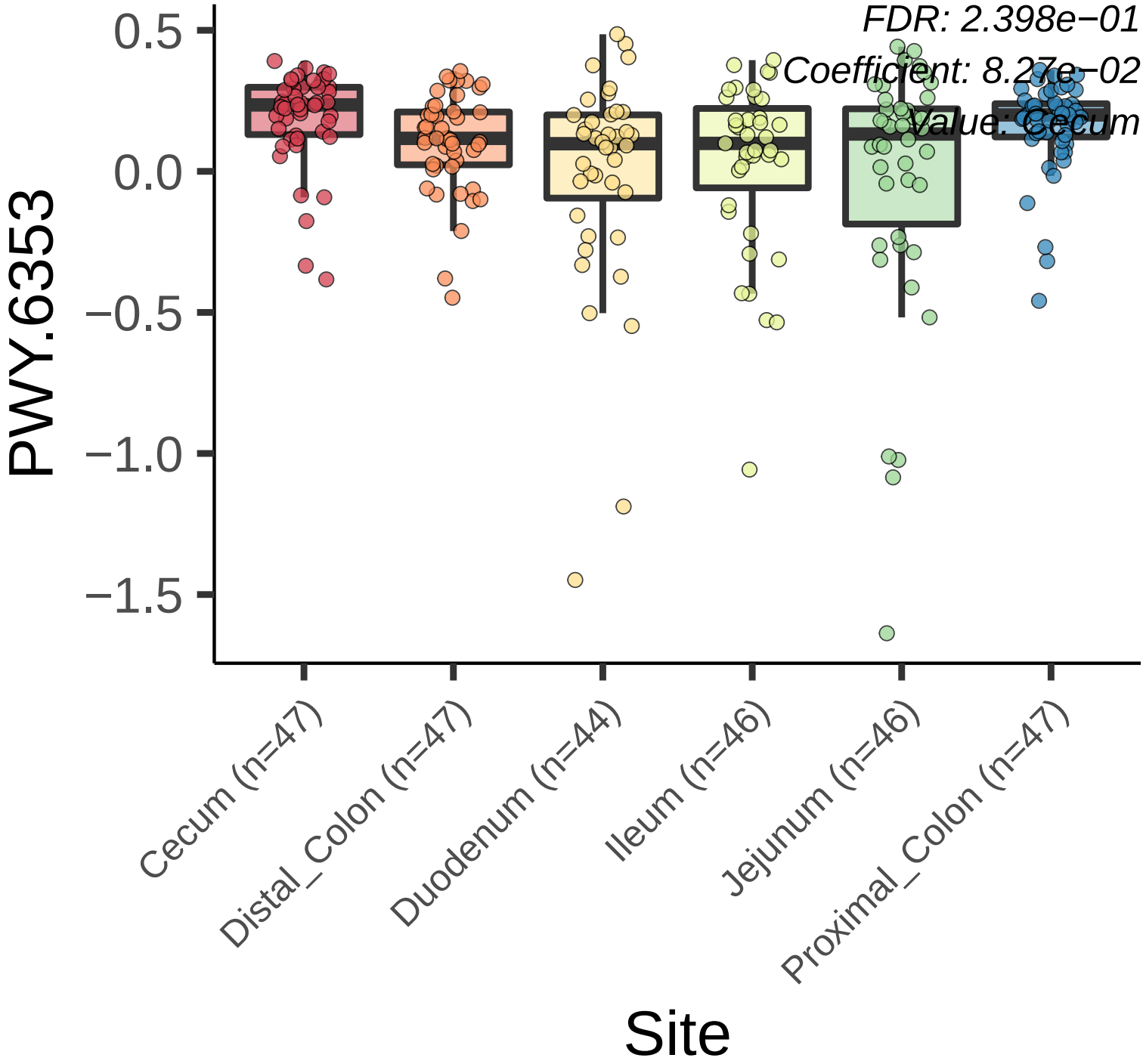
0.4
0.2
0.0
−0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.389e−01
Coefficient: 6.68e−02
Value: Duodenum
PWY.5188
0
−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.398e−01
Coefficient: 8.27e−02
Value: Cecum
PWY.6353
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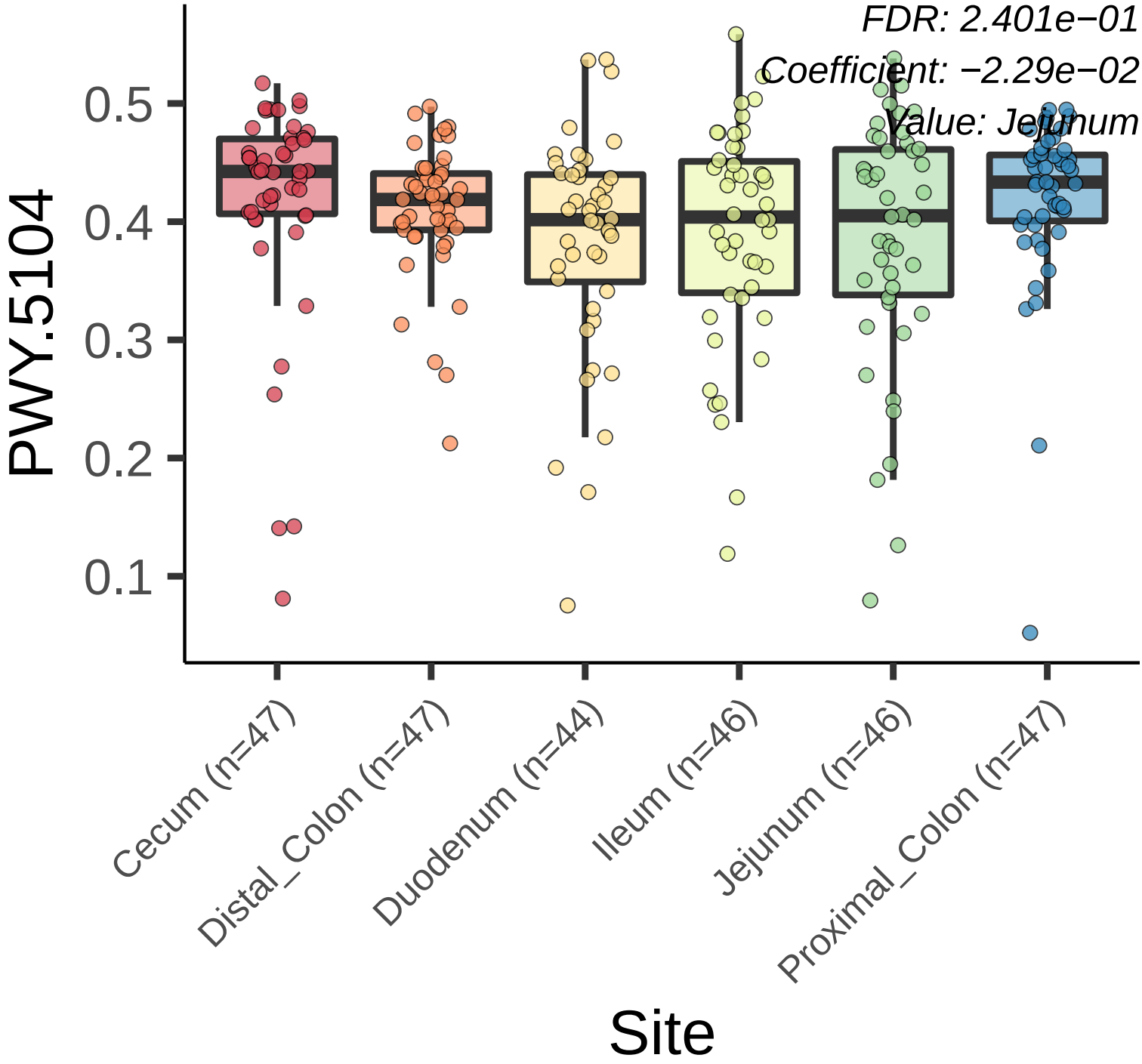
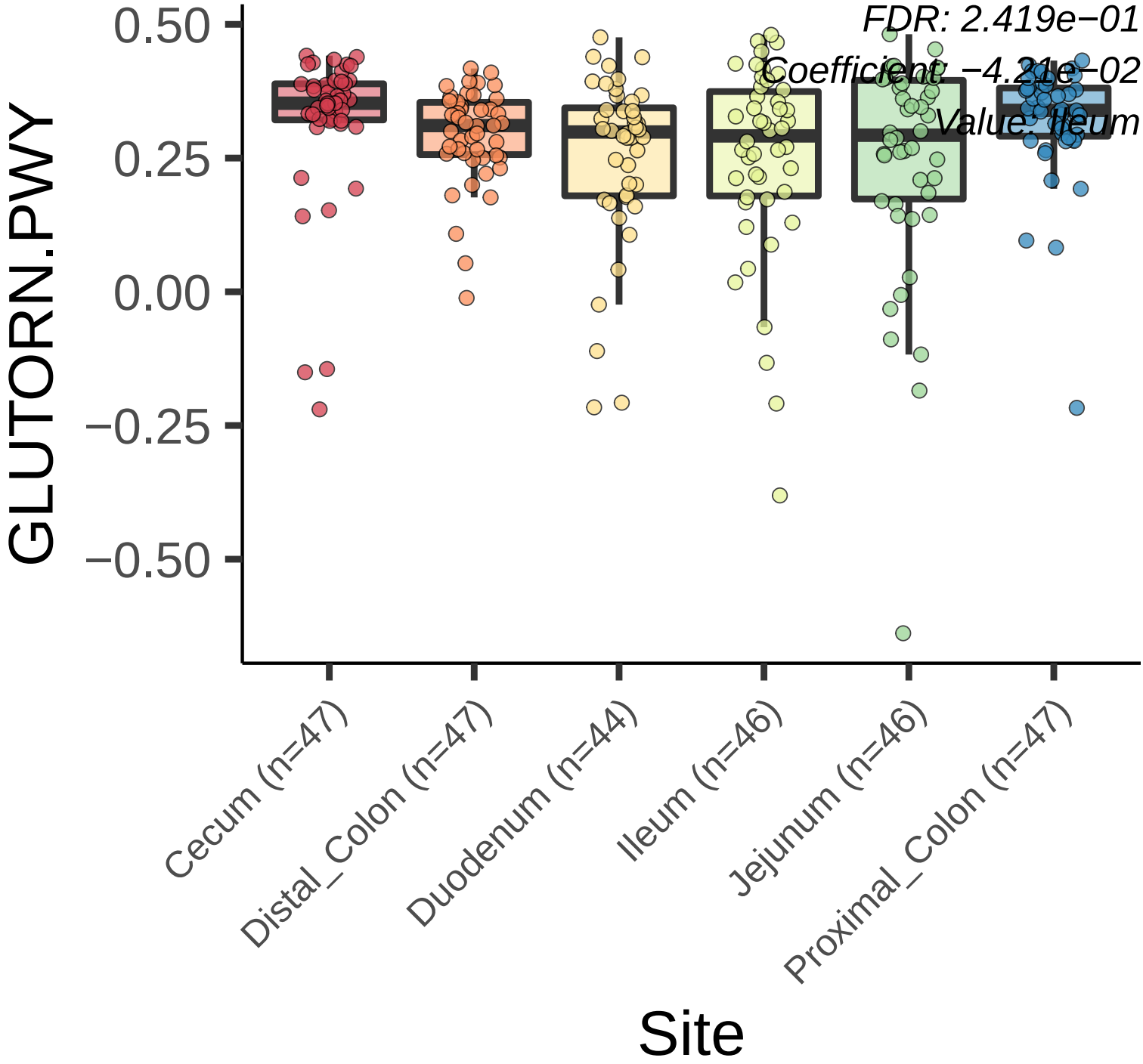
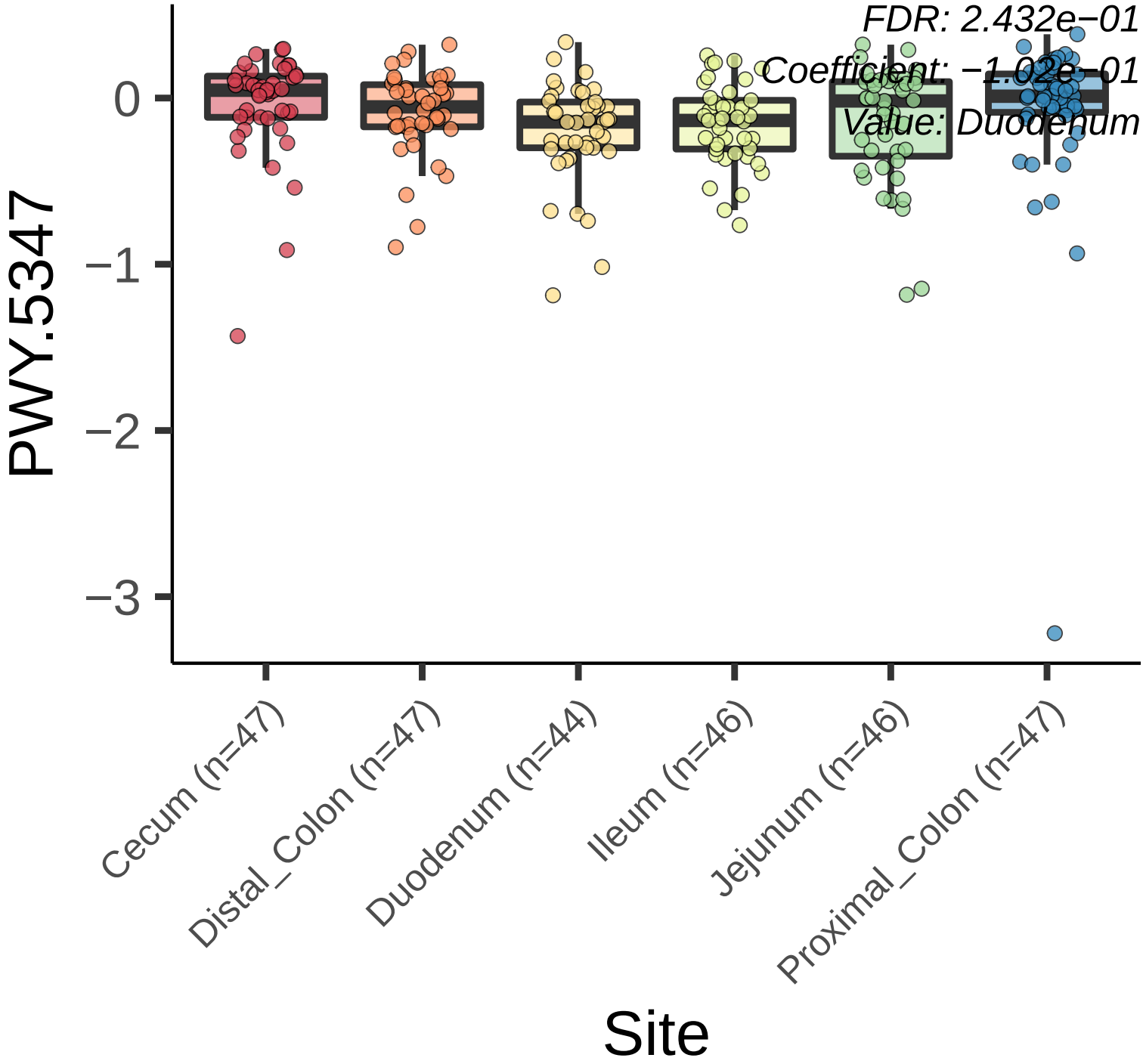
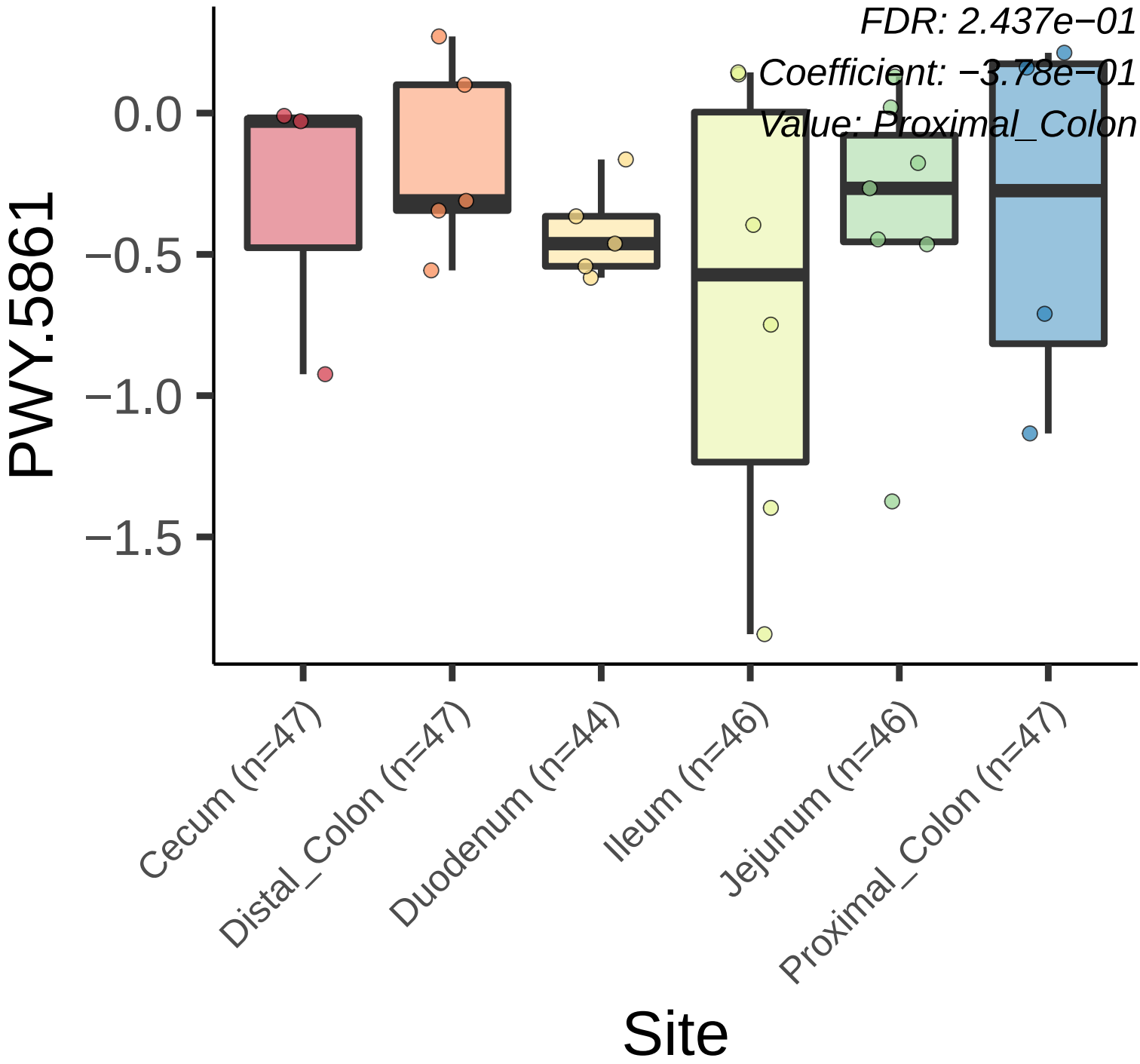
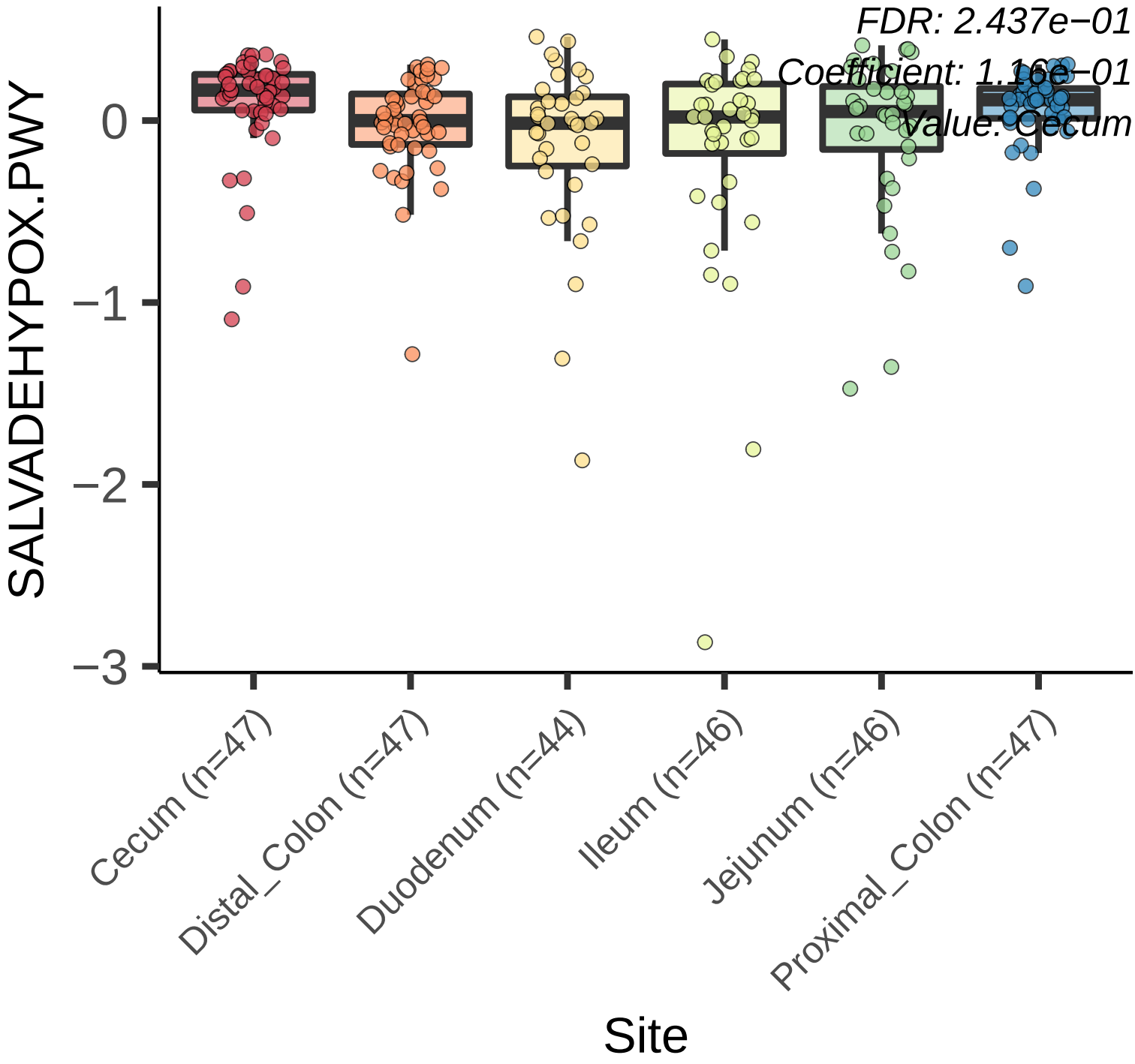
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.401e−01
Coefficient: −2.29e−02
Value: Jejunum
PWY.5104
0.5
0.4
0.3
0.2
0.1
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.419e−01
Coefficient: −4.21e−02
Value: Ileum
GLUTORN.PWY
0.50
0.25
0.00
−0.25
−0.50
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.432e−01
Coefficient: −1.02e−01
Value: Duodenum
PWY.5347
0
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.437e−01
Coefficient: −3.78e−01
Value: Proximal_Colon
PWY.5861
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.437e−01
Coefficient: 1.16e−01
Value: Cecum
SALVADEHYPOX.PWY
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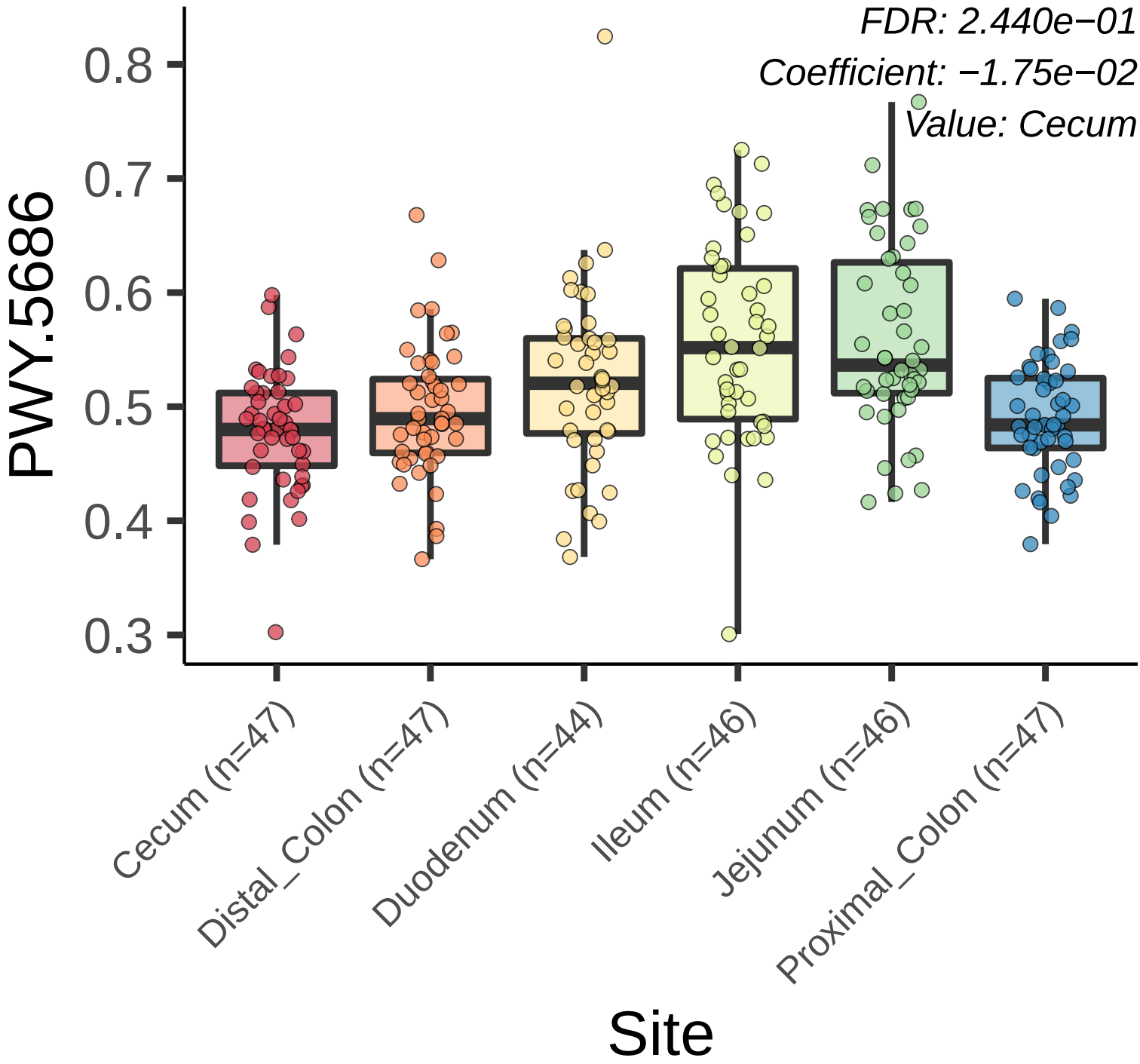
−1
−2
−3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.440e−01
Coefficient: −1.75e−02
Value: Cecum
PWY.5686
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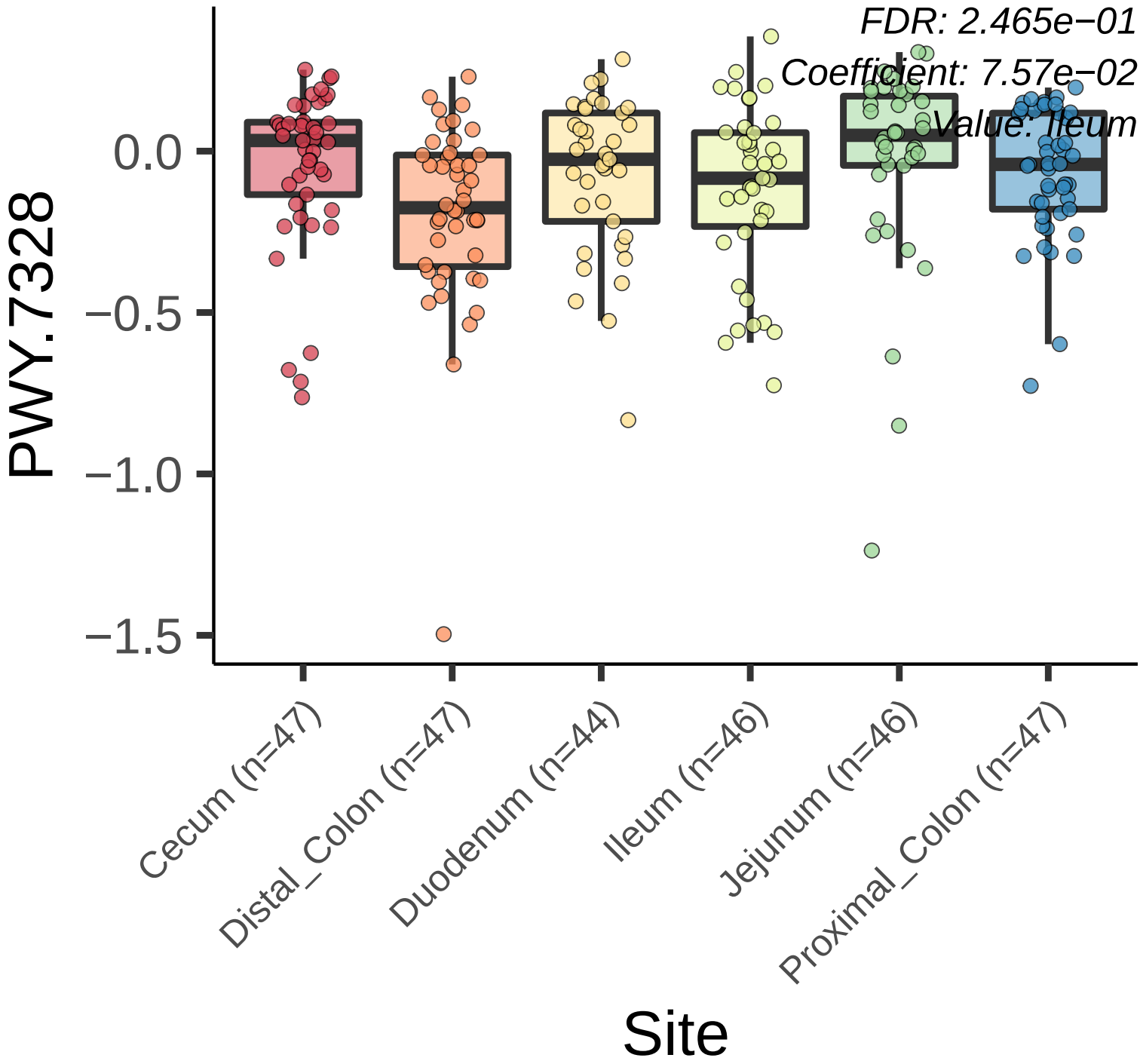
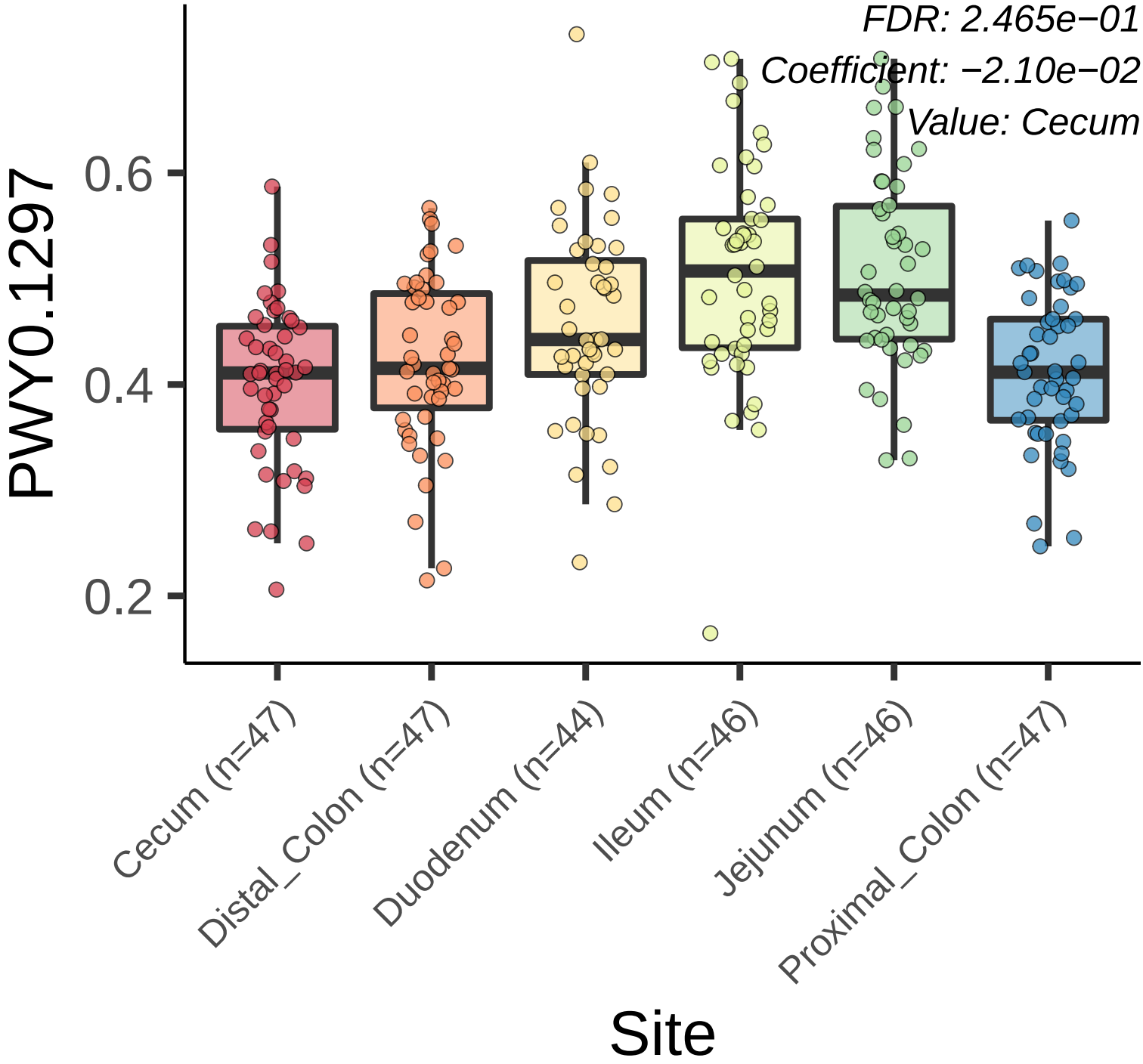
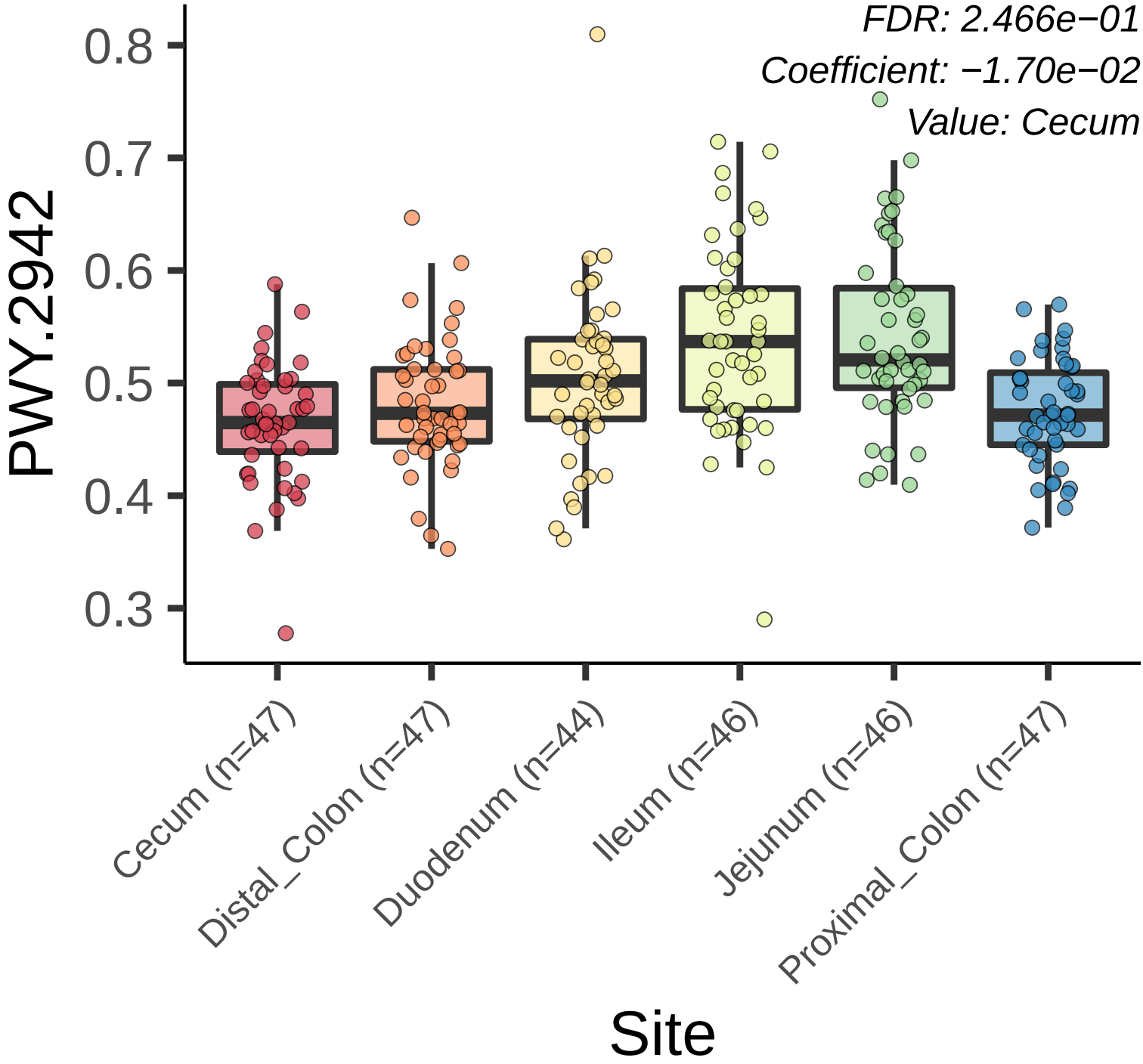
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.465e−01
Coefficient: 7.57e−02
Value: Ileum
PWY.7328
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.465e−01
Coefficient: −2.10e−02
Value: Cecum
PWY0.1297
0.6
0.4
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.466e−01
Coefficient: −1.70e−02
Value: Cecum
PWY.2942
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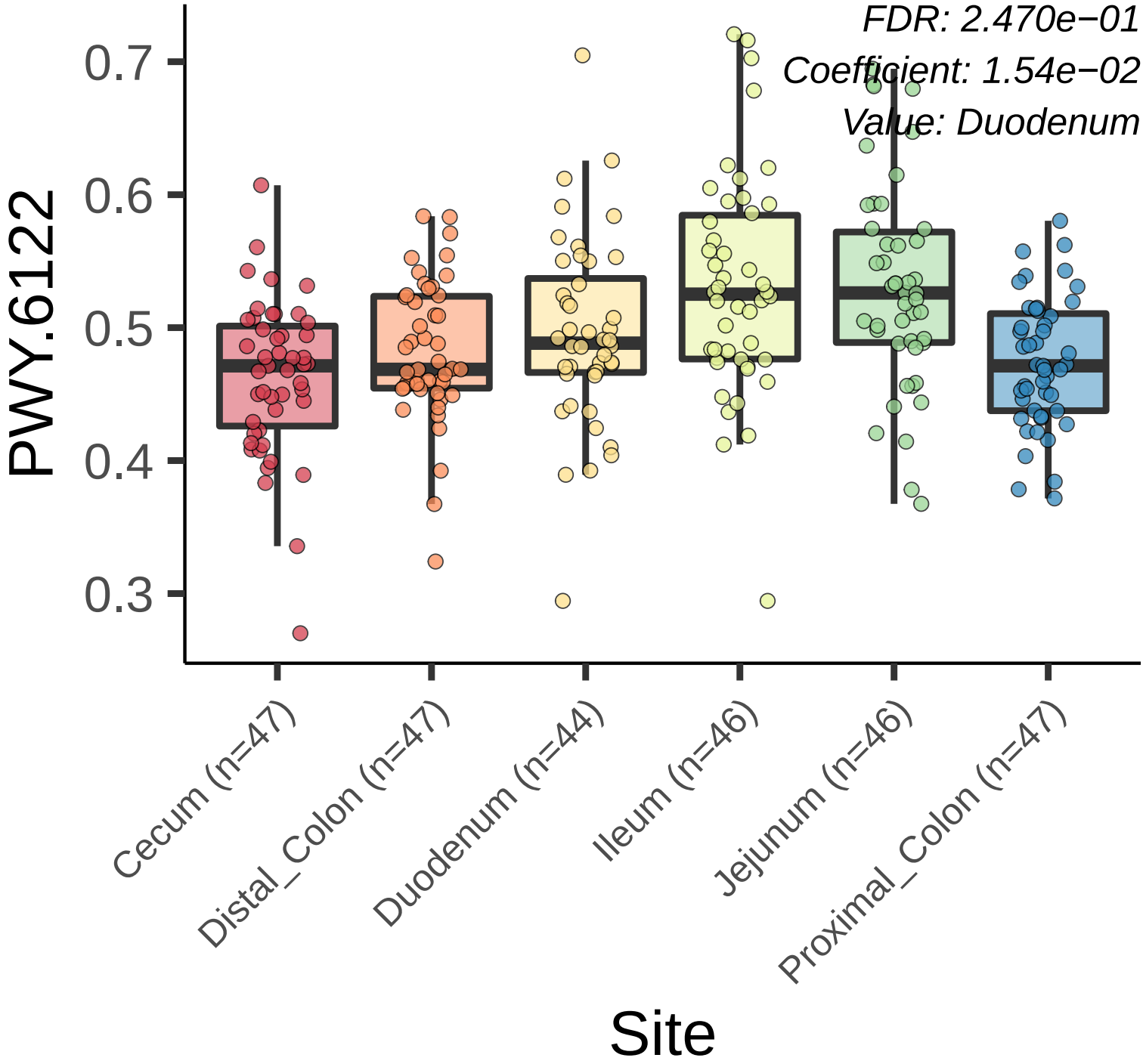
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.470e−01
Coefficient: 1.54e−02
Value: Duodenum
PWY.6122
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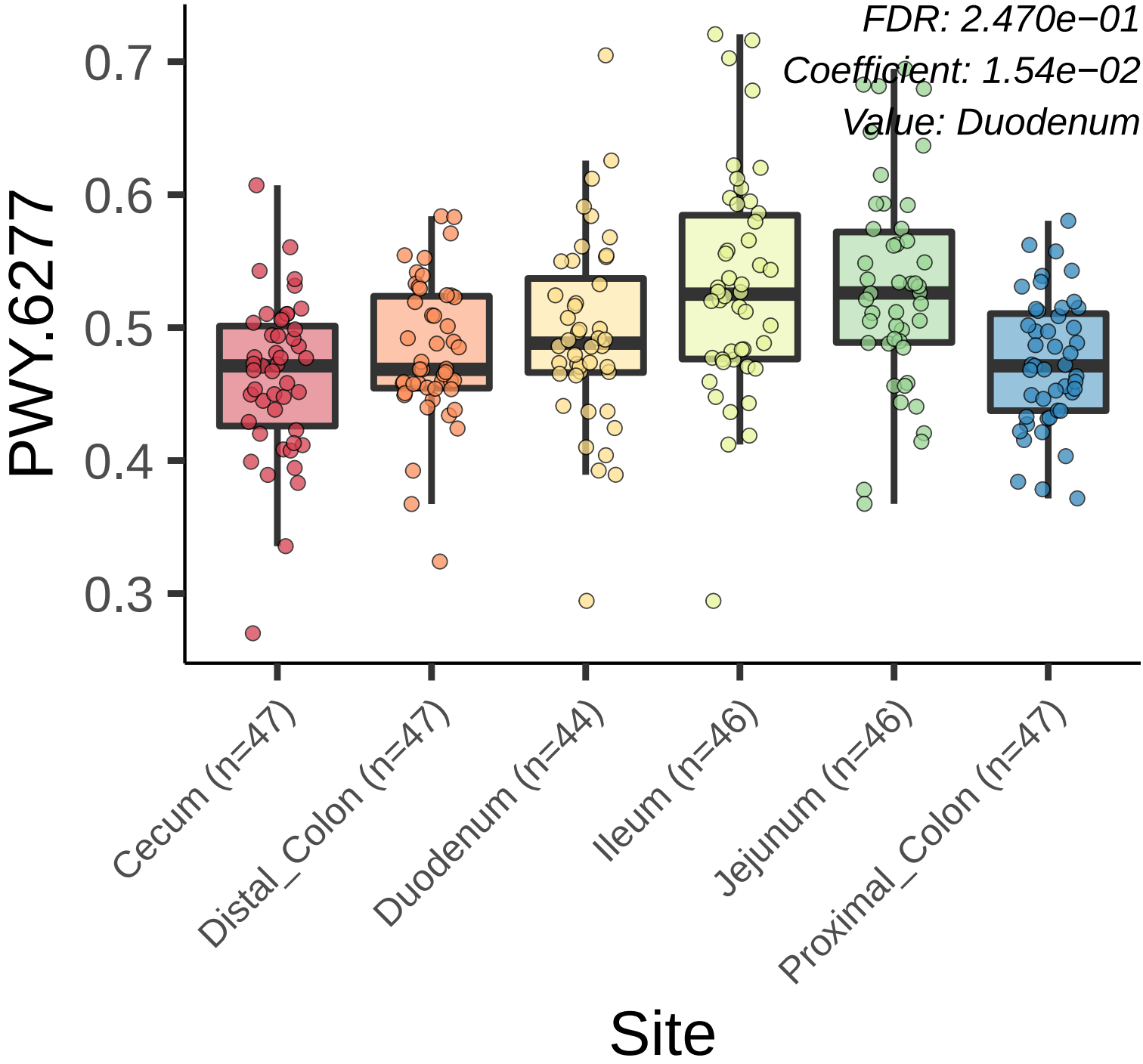
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.470e−01
Coefficient: 1.54e−02
Value: Duodenum
PWY.6277
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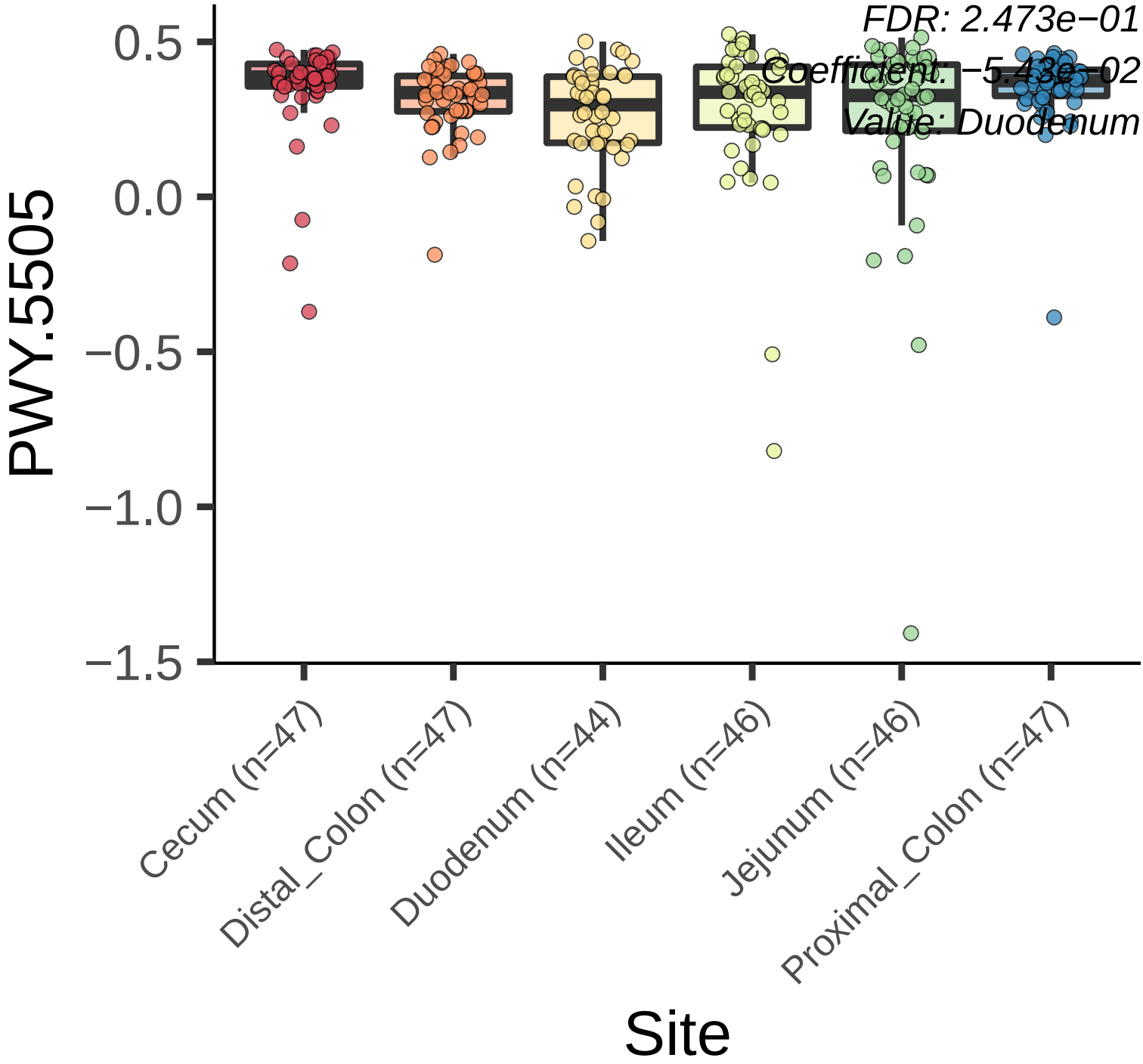
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −5.43e−02
Value: Duodenum
PWY.5505
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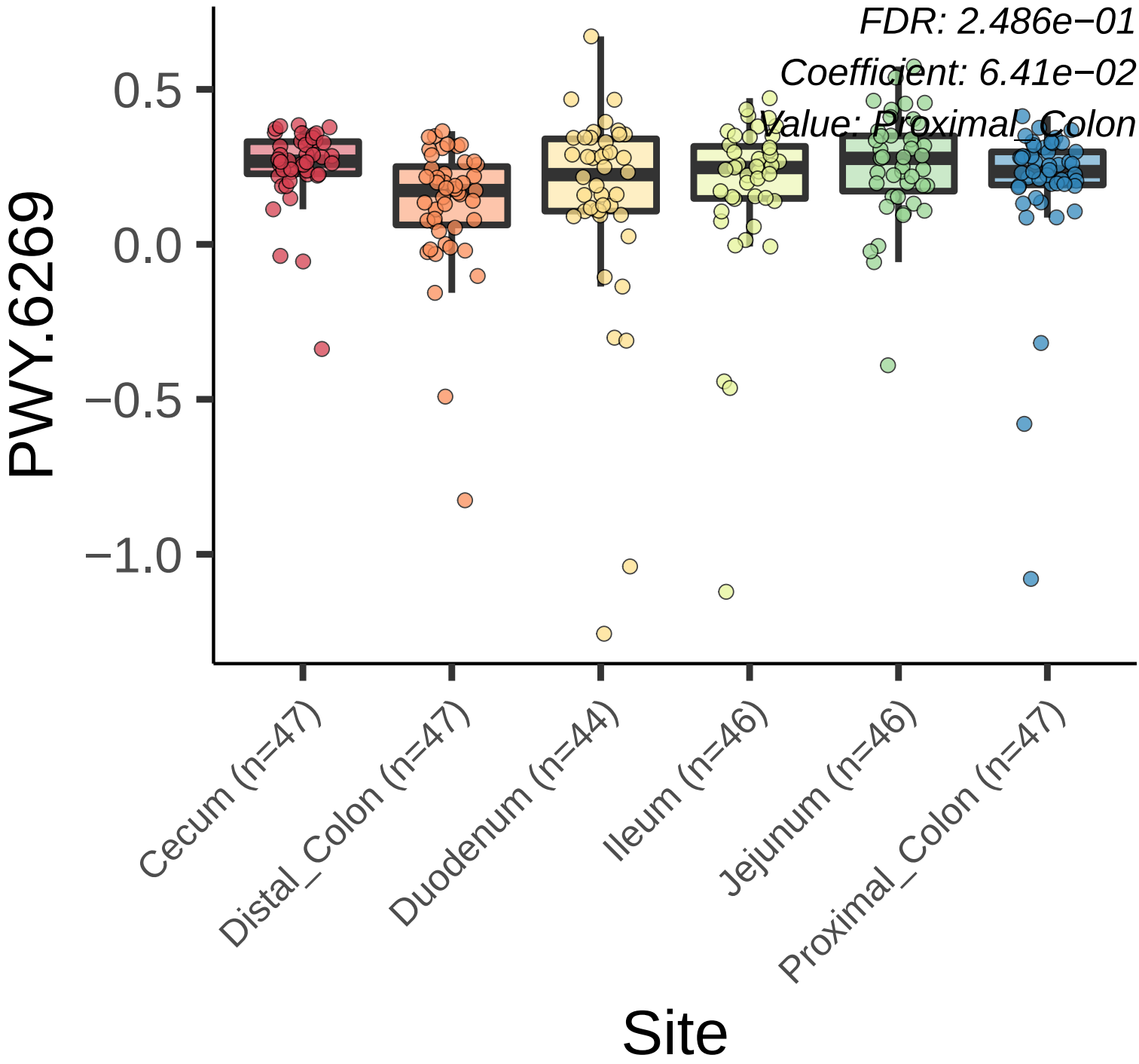
0.0
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.486e−01
Coefficient: 6.41e−02
Value: Proximal_Colon
PWY.6269
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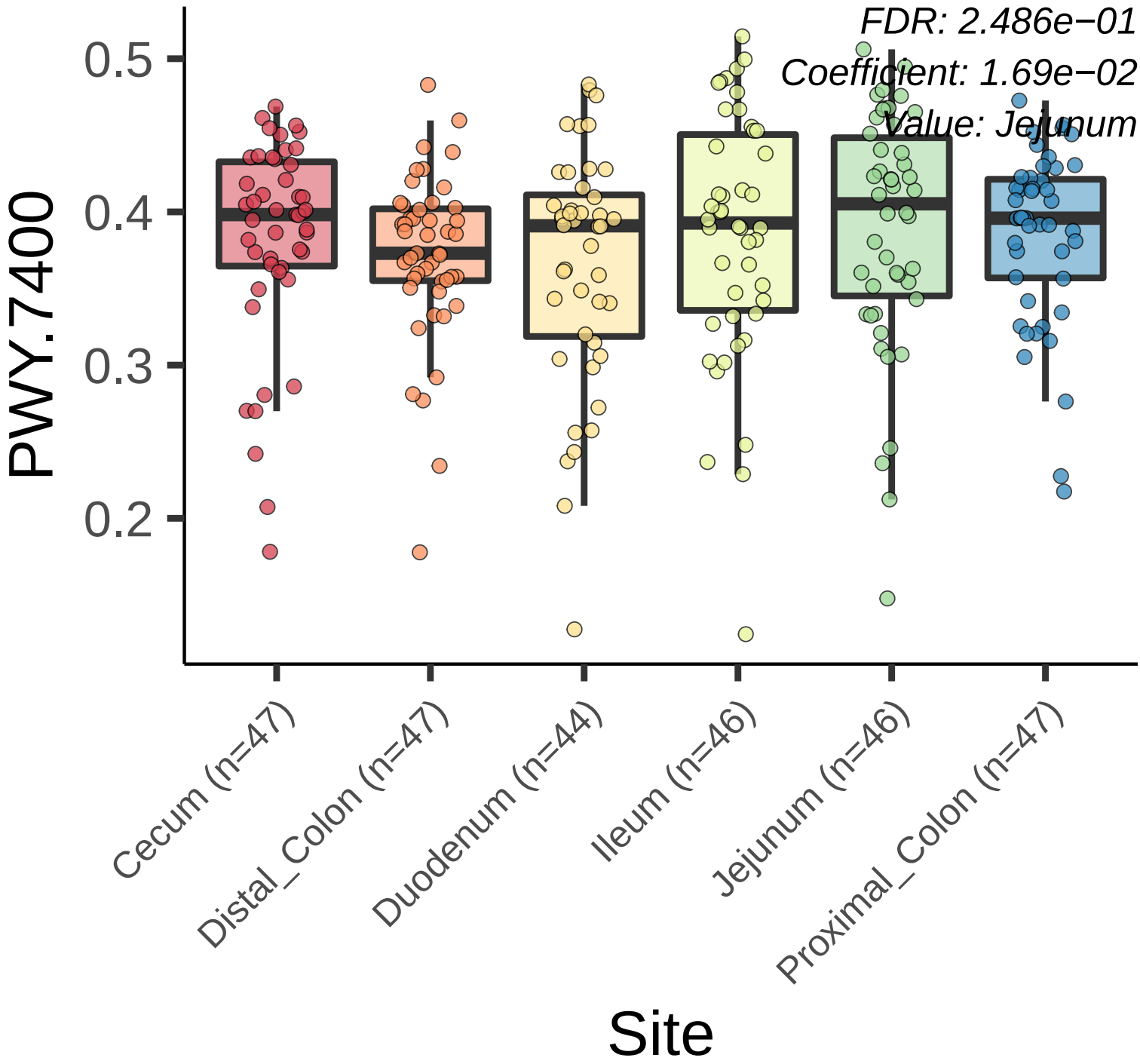
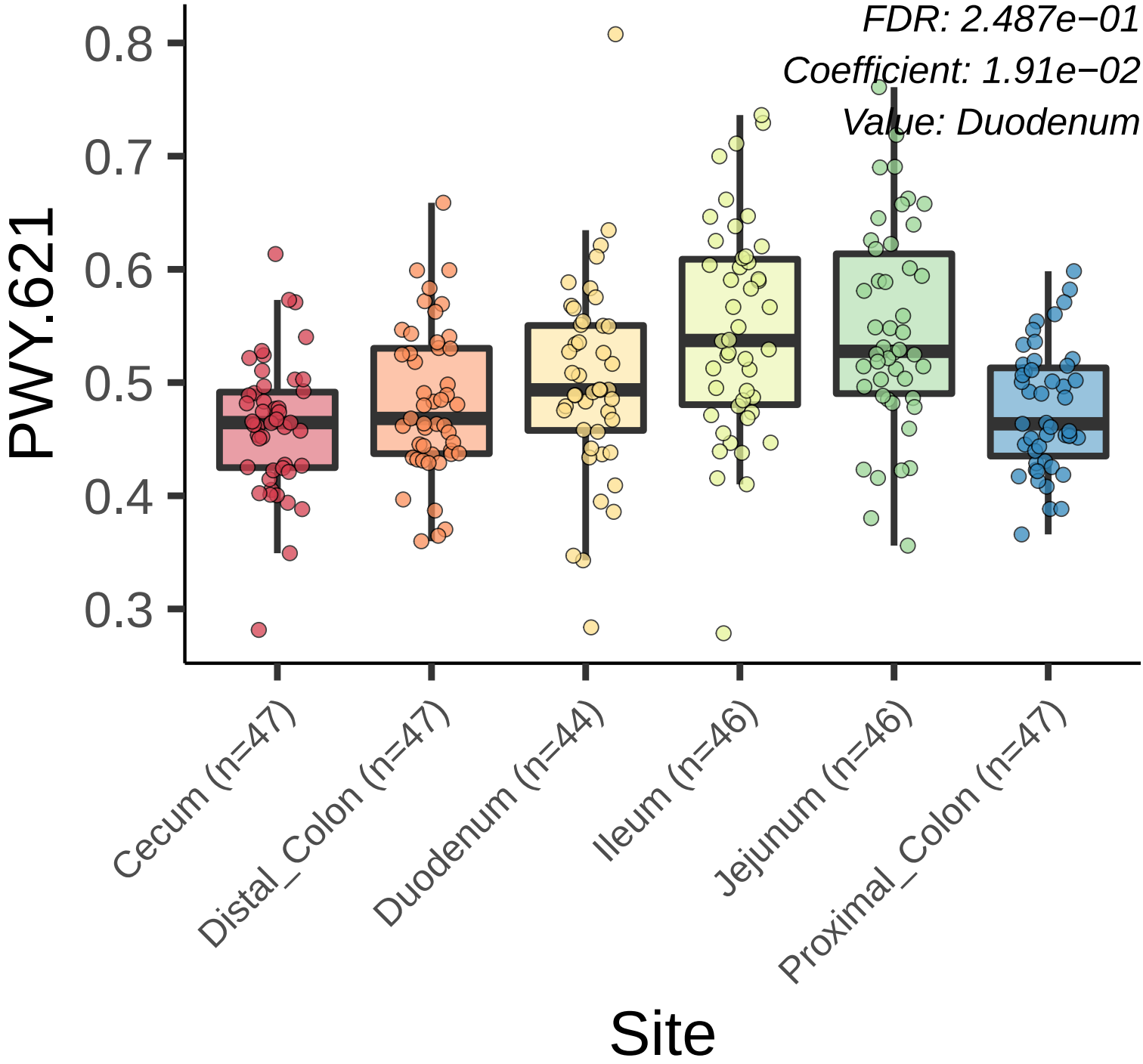
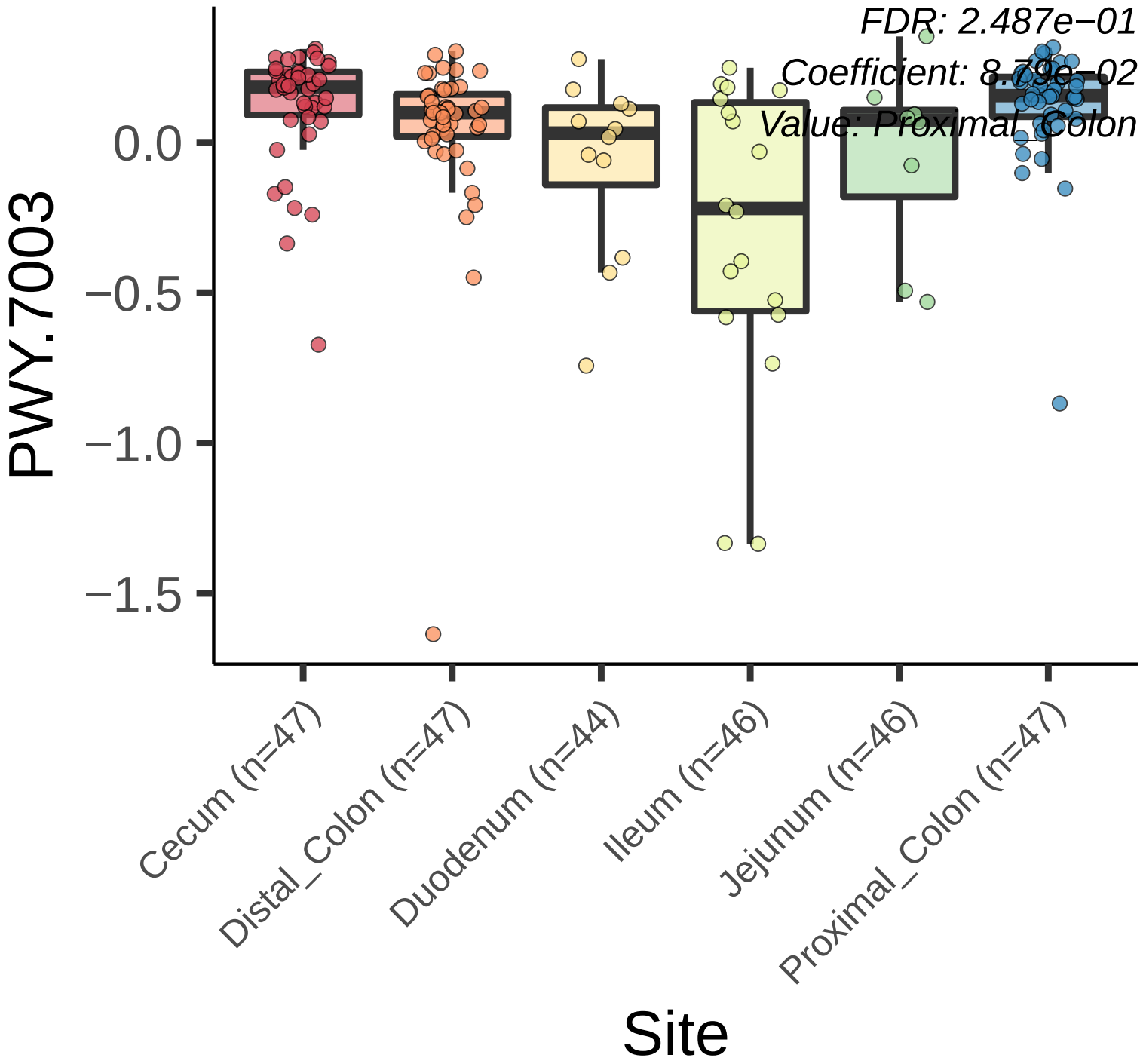
0.0
−0.5
−1.0
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.486e−01
Coefficient: 1.69e−02
Value: Jejunum
PWY.7400
0.5
0.4
0.3
0.2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.487e−01
Coefficient: 1.91e−02
Value: Duodenum
PWY.621
0.8
0.7
0.6
0.5
0.4
0.3
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.487e−01
Coefficient: 8.79e−02
Value: Proximal_Colon
PWY.7003
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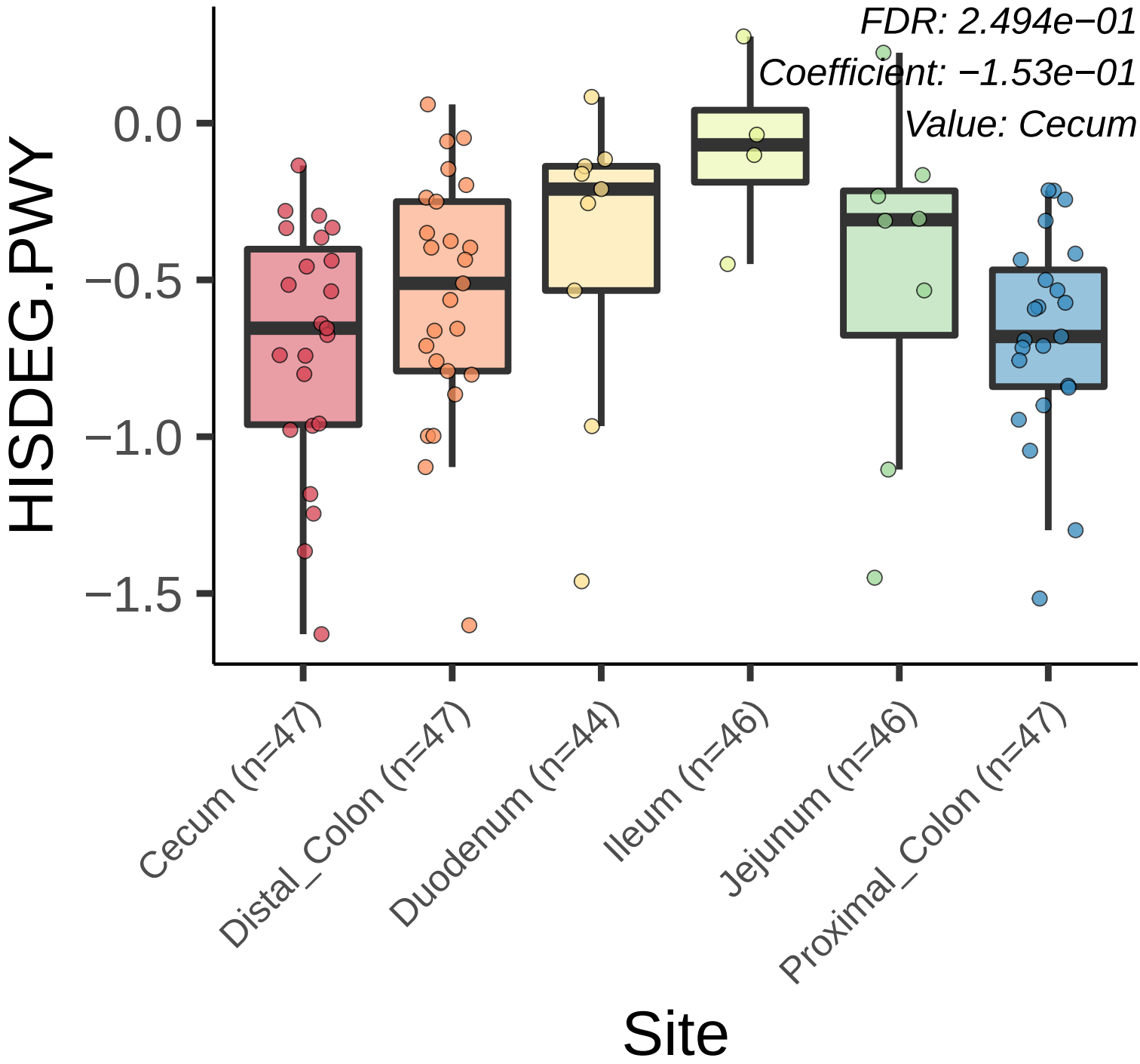
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site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Coefficient: −1.53e−01
Value: Cecum
HISDEG.PWY
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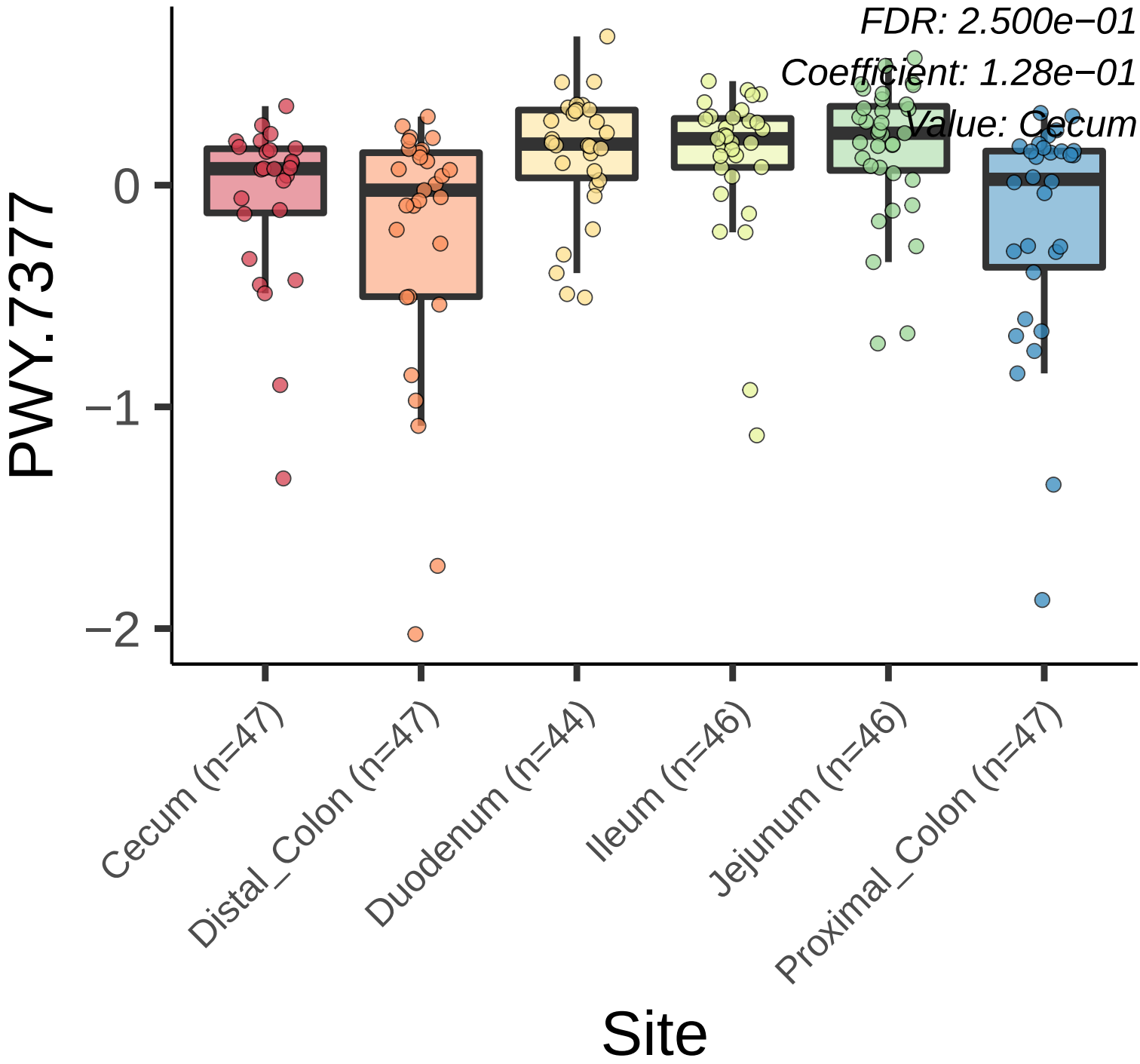
−0.5
−1.0
−1.5
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site


FDR: 2.500e−01
Coefficient: 1.28e−01
Value: Cecum
PWY.7377
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−1
−2
Cecum (n=47)
Distal_Colon (n=47)
Duodenum (n=44)
Ileum (n=46)
Jejunum (n=46)
Proximal_Colon (n=47)
Site