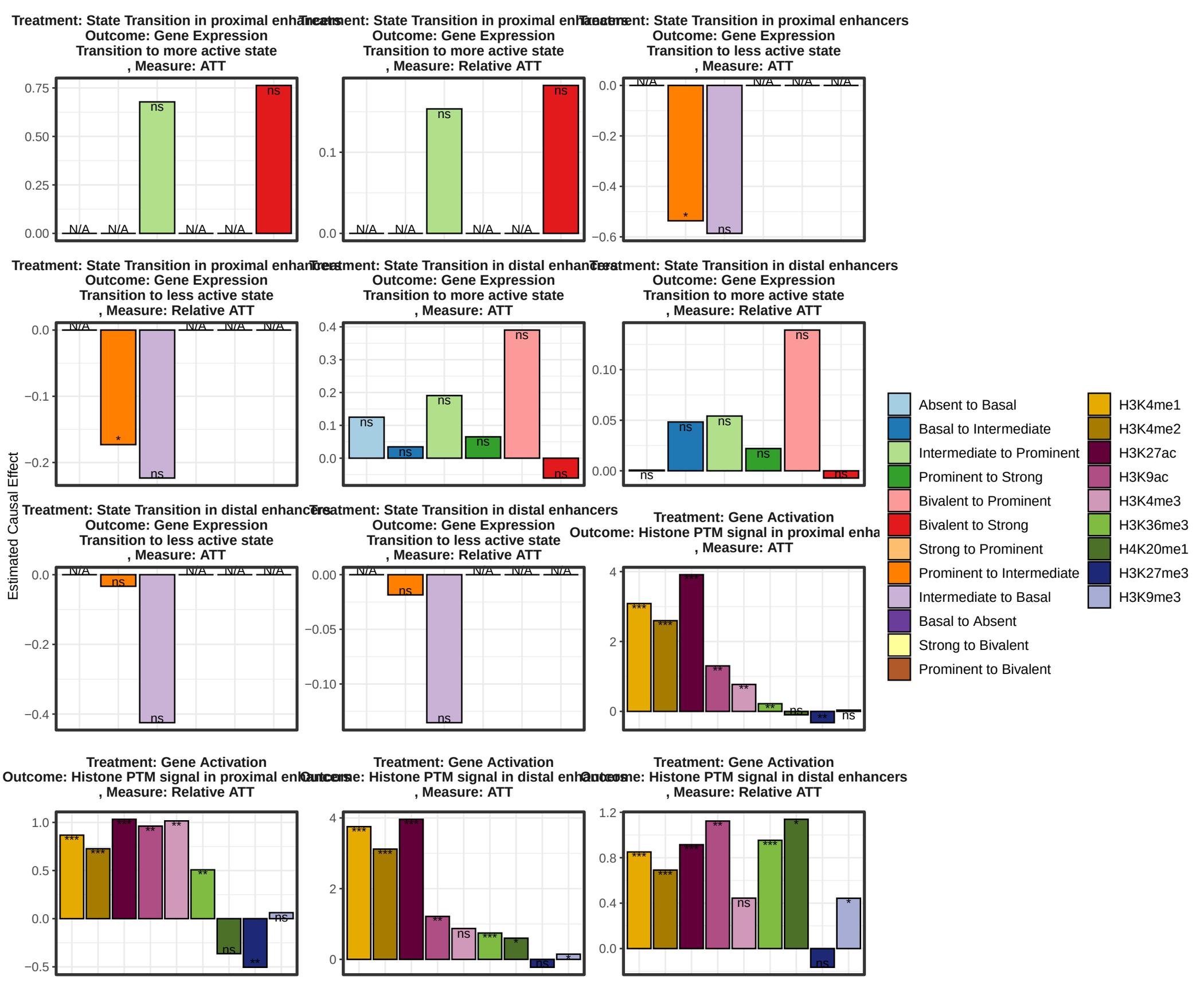

Treatment: State Transition in proximal enhancers
Outcome: Gene Expression
Transition to more active state
, Measure: ATT
Treatment: State Transition in proximal enhancers
Outcome: Gene Expression
Transition to more active state
, Measure: Relative ATT
Treatment: State Transition in proximal enhancers
Outcome: Gene Expression
Transition to less active state
, Measure: ATT
Treatment: State Transition in proximal enhancers
Outcome: Gene Expression
Transition to less active state
, Measure: Relative ATT
Treatment: State Transition in distal enhancers
Outcome: Gene Expression
Transition to more active state
, Measure: ATT
Treatment: State Transition in distal enhancers
Outcome: Gene Expression
Transition to more active state
, Measure: Relative ATT
Estimated Causal Effect
Treatment: State Transition in distal enhancers
Outcome: Gene Expression
Transition to less active state
, Measure: ATT
Treatment: State Transition in distal enhancers
Outcome: Gene Expression
Transition to less active state
, Measure: Relative ATT
Treatment: Gene Activation
Outcome: Histone PTM signal in proximal enha
, Measure: ATT
Absent to Basal
Basal to Intermediate
Intermediate to Prominent
Prominent to Strong
Bivalent to Prominent
Bivalent to Strong
Strong to Prominent
Prominent to Intermediate
Intermediate to Basal
Basal to Absent
Strong to Bivalent
Prominent to Bivalent
H3K4me1
H3K4me2
H3K27ac
H3K9ac
H3K4me3
H3K36me3
H4K20me1
H3K27me3
H3K9me3
Treatment: Gene Activation
Outcome: Histone PTM signal in proximal enhancers
, Measure: Relative ATT
Treatment: Gene Activation
Outcome: Histone PTM signal in distal enhancers
, Measure: ATT
Treatment: Gene Activation
Outcome: Histone PTM signal in distal enhancers
, Measure: Relative ATT