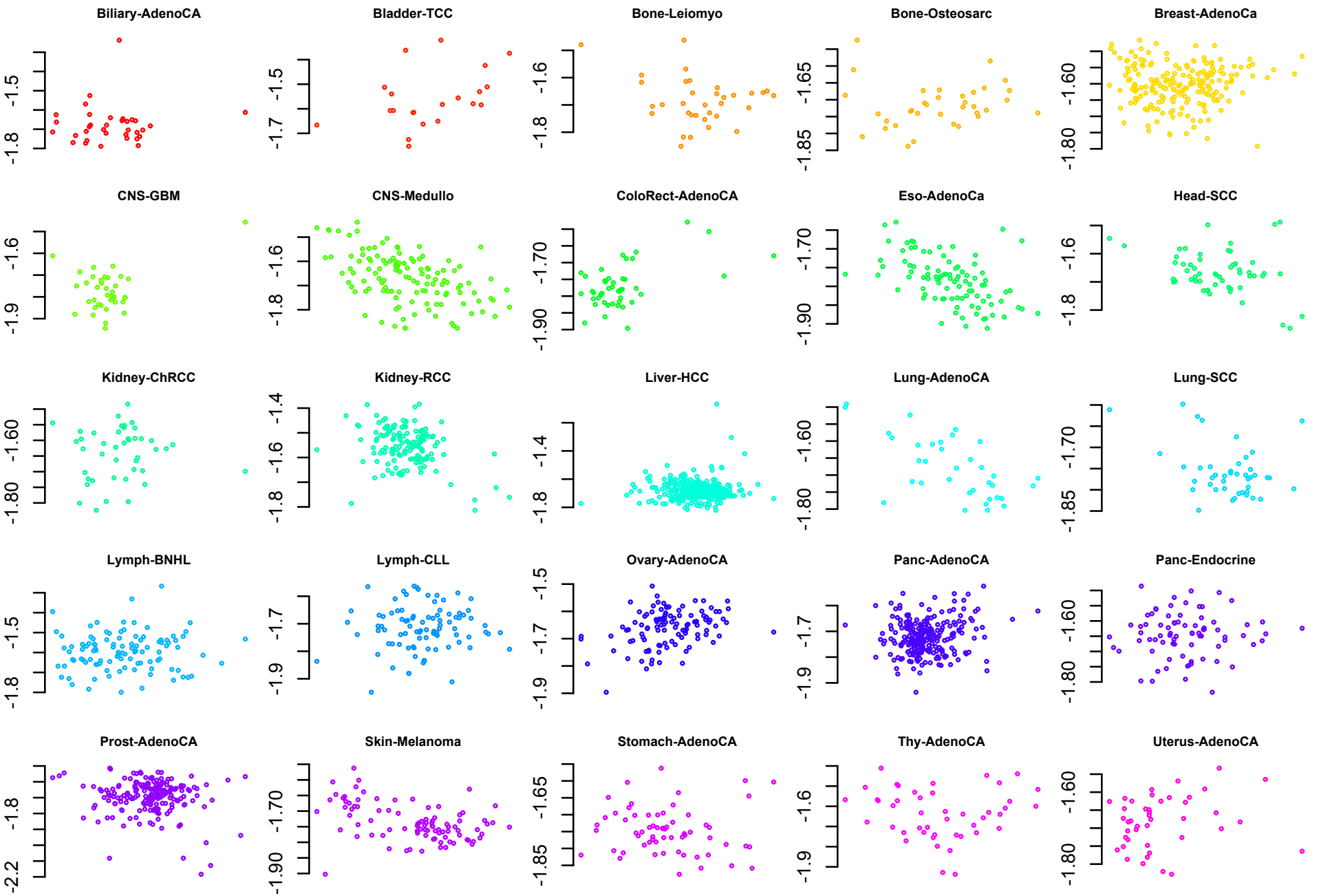
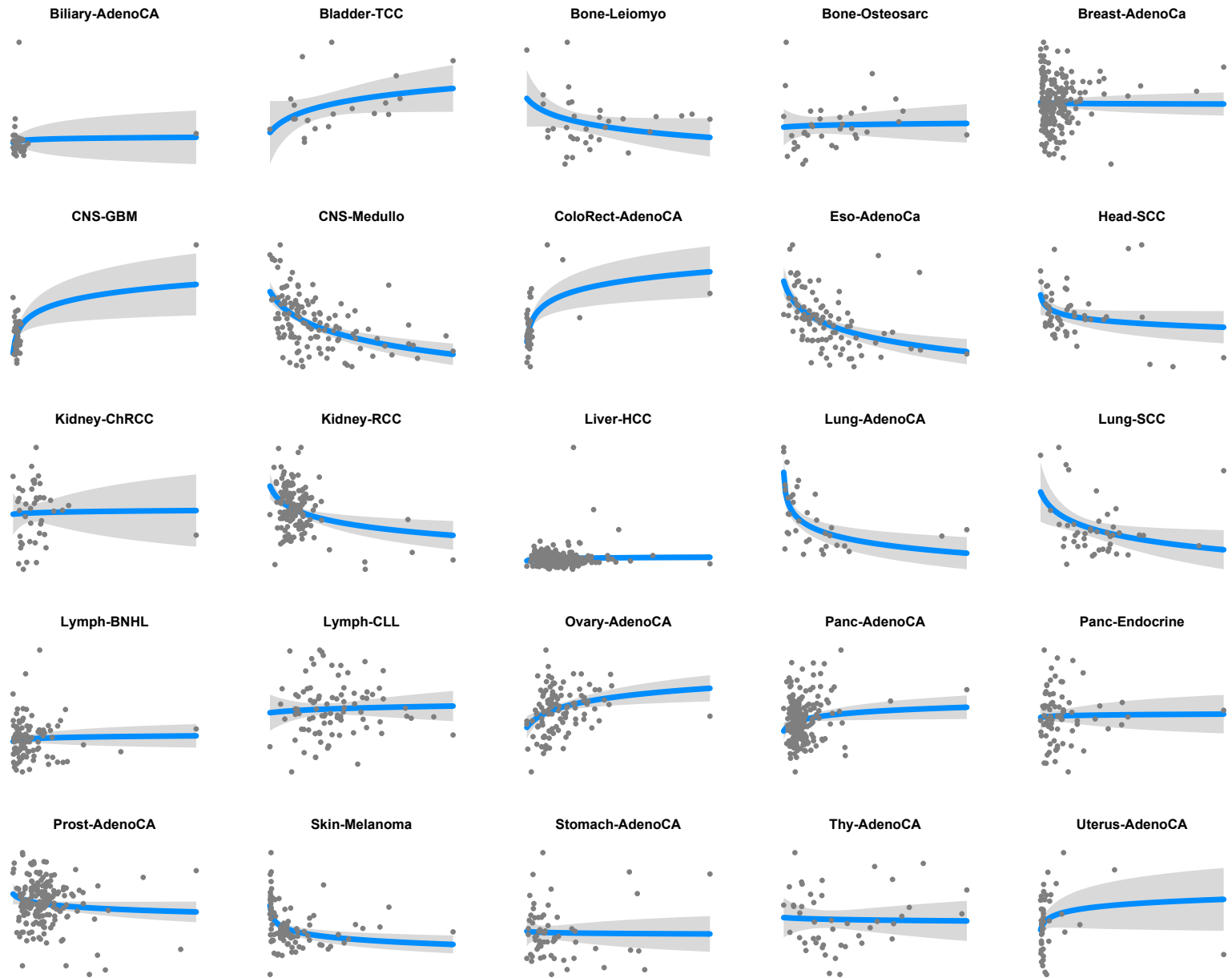
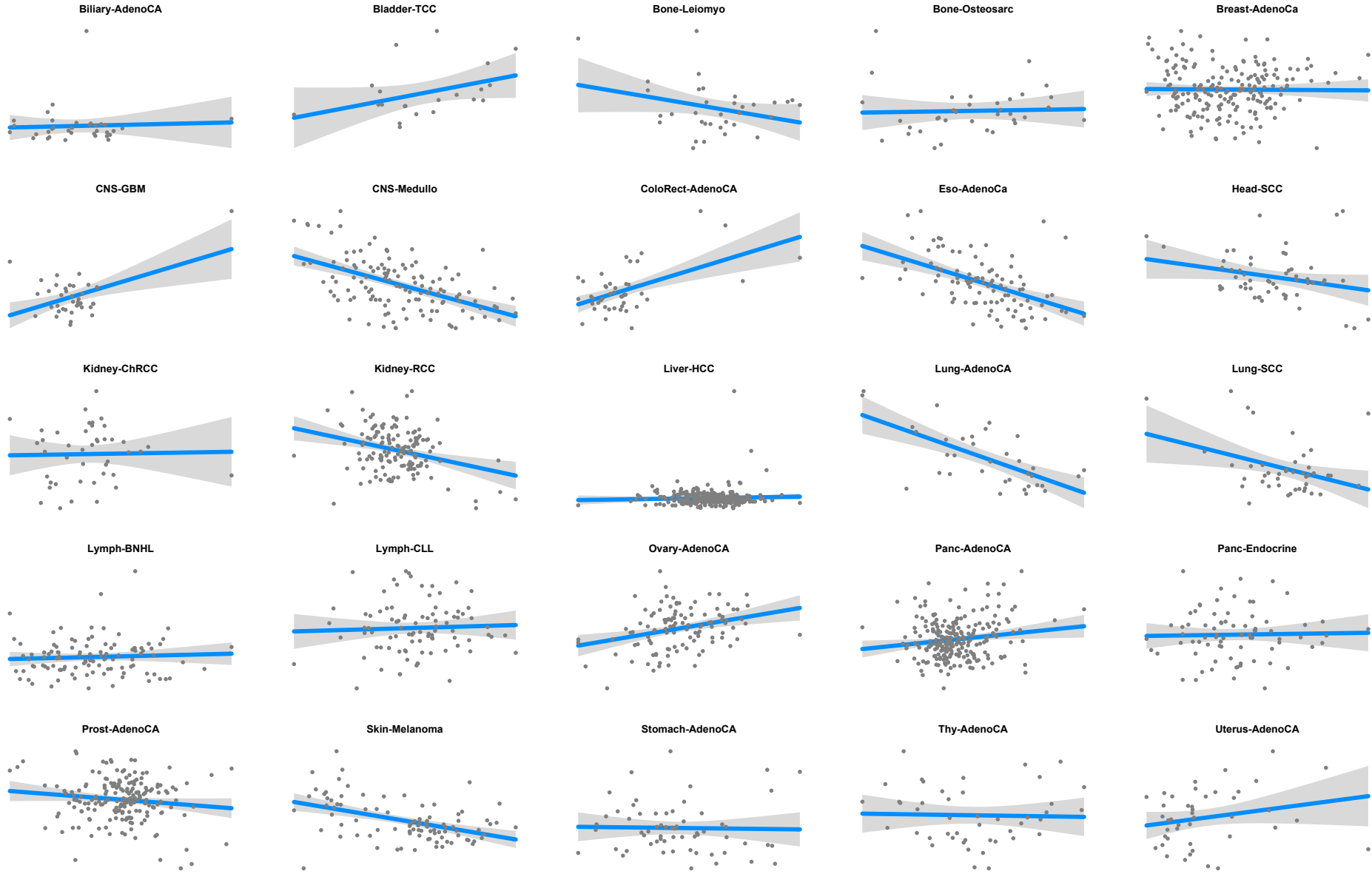
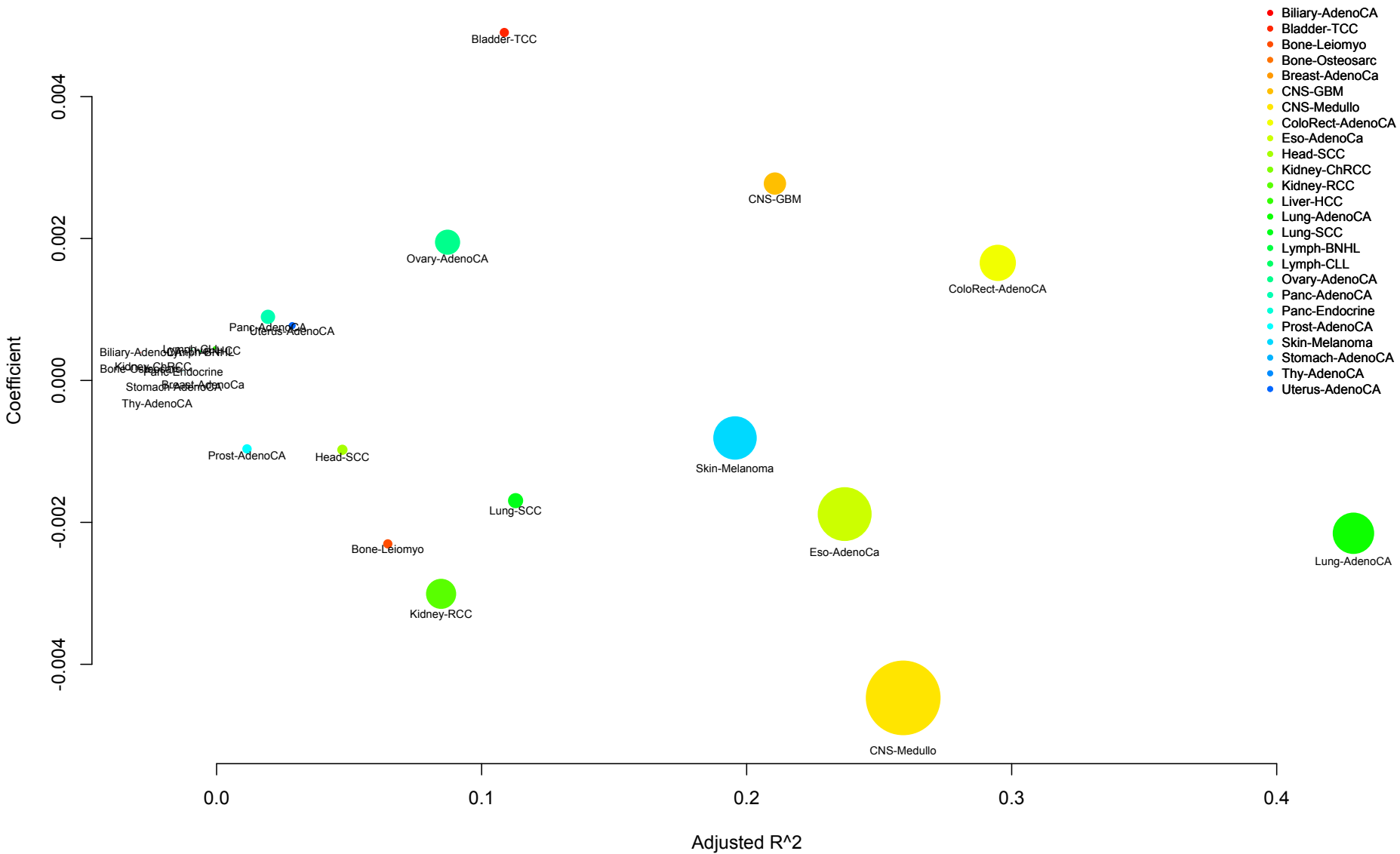


Follow-up on high imp. NC %









Relative variation of high-impact mutation number (MAD/median)

0.20
0.15
0.10

0.04

0.06

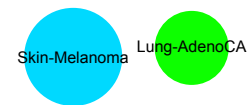
0.08

0.10

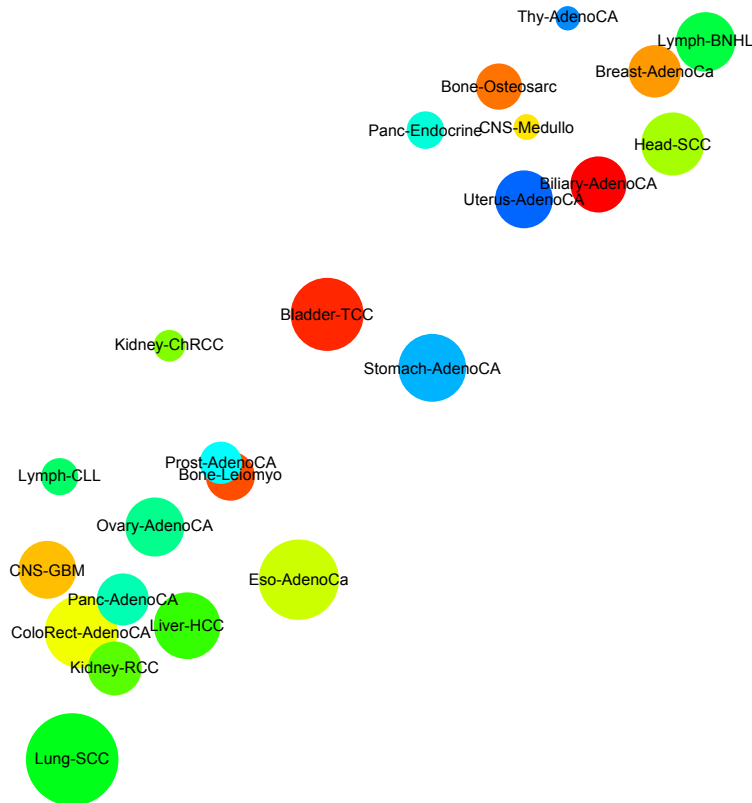
0.12

0.14

Relative variation of mutation number(MAD/median)



- Biliary-AdenoCA
- Bladder-TCC
- Bone-Leiomyo
- Bone-Osteosarc
- Breast-AdenoCa
- CNS-GBM
- CNS-Medullo
- ColoRect-AdenoCa
- Eso-AdenoCa
- Head-SCC
- Kidney-ChRCC
- Kidney-RCC
- Liver-HCC
- Lung-AdenoCA
- Lung-SCC
- Lymph-BNHL
- Lymph-CLL
- Ovary-AdenoCA
- Panc-AdenoCA
- Panc-Endocrine
- Prost-AdenoCA
- Skin-Melanoma
- Stomach-AdenoCA
- Thy-AdenoCA
- Uterus-AdenoCA



Motif events in Promoter

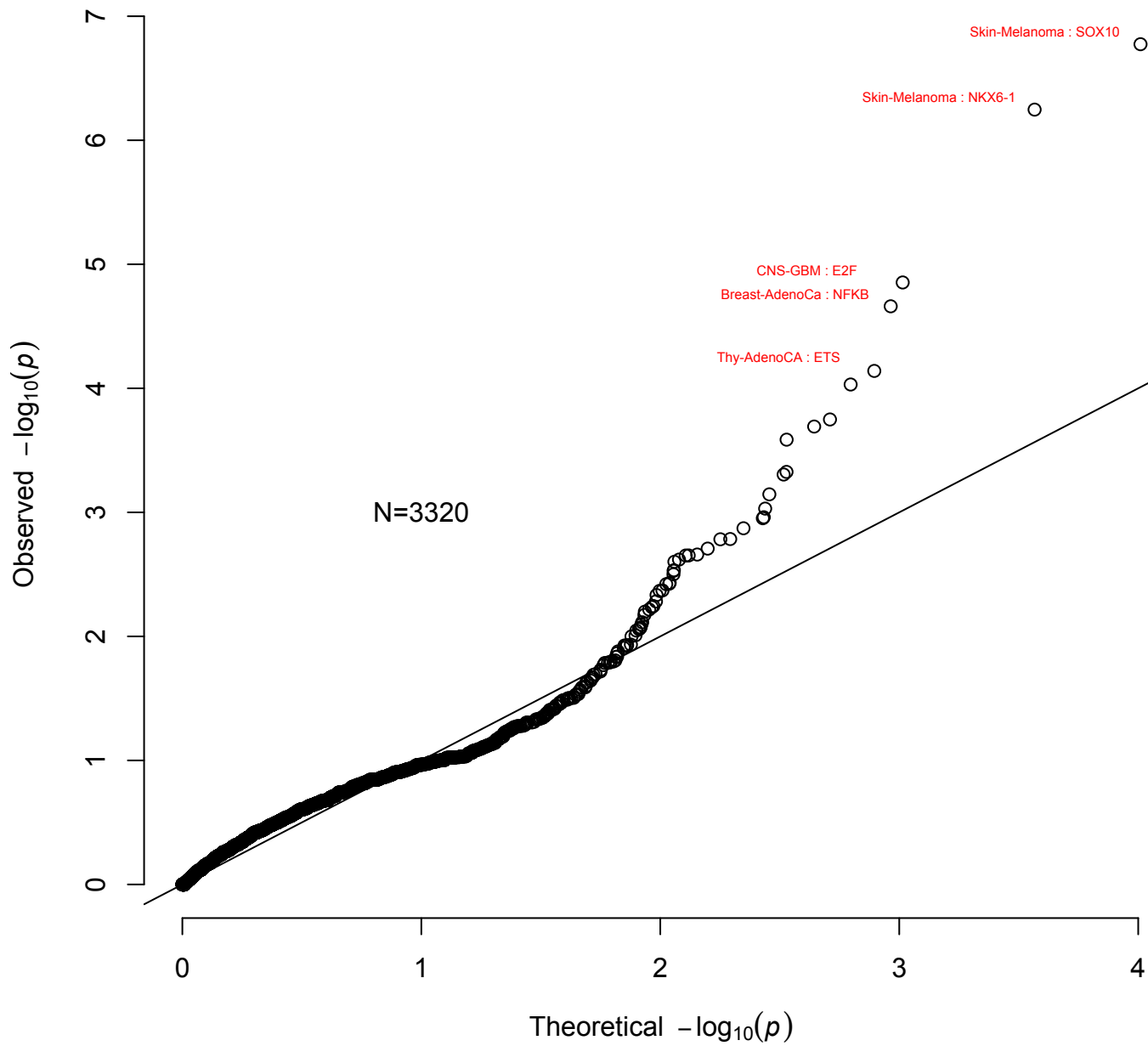
Promoter regions

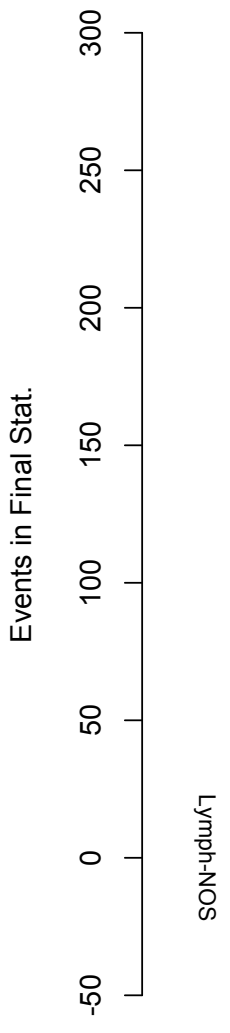
- Underdispersion fails:
 - Severe overdispersions in all gene sets ($z > 6.0$)
 - Funseq1.5/2.5 cut
 - Promoter (1.5/2.5 cut)
 - Promoter (Motif events/ultrasensitive/sensitive)
 - Neutral
 - Premature stops in DNA repair genes

Promoter regions

- Motif events causing changes in expression?
 - Grouped by TFs~cancer types
 - Fisher's method to combine p-values from expression in each individual gene.

Motif gains in promoters





TOP 100 motif events

