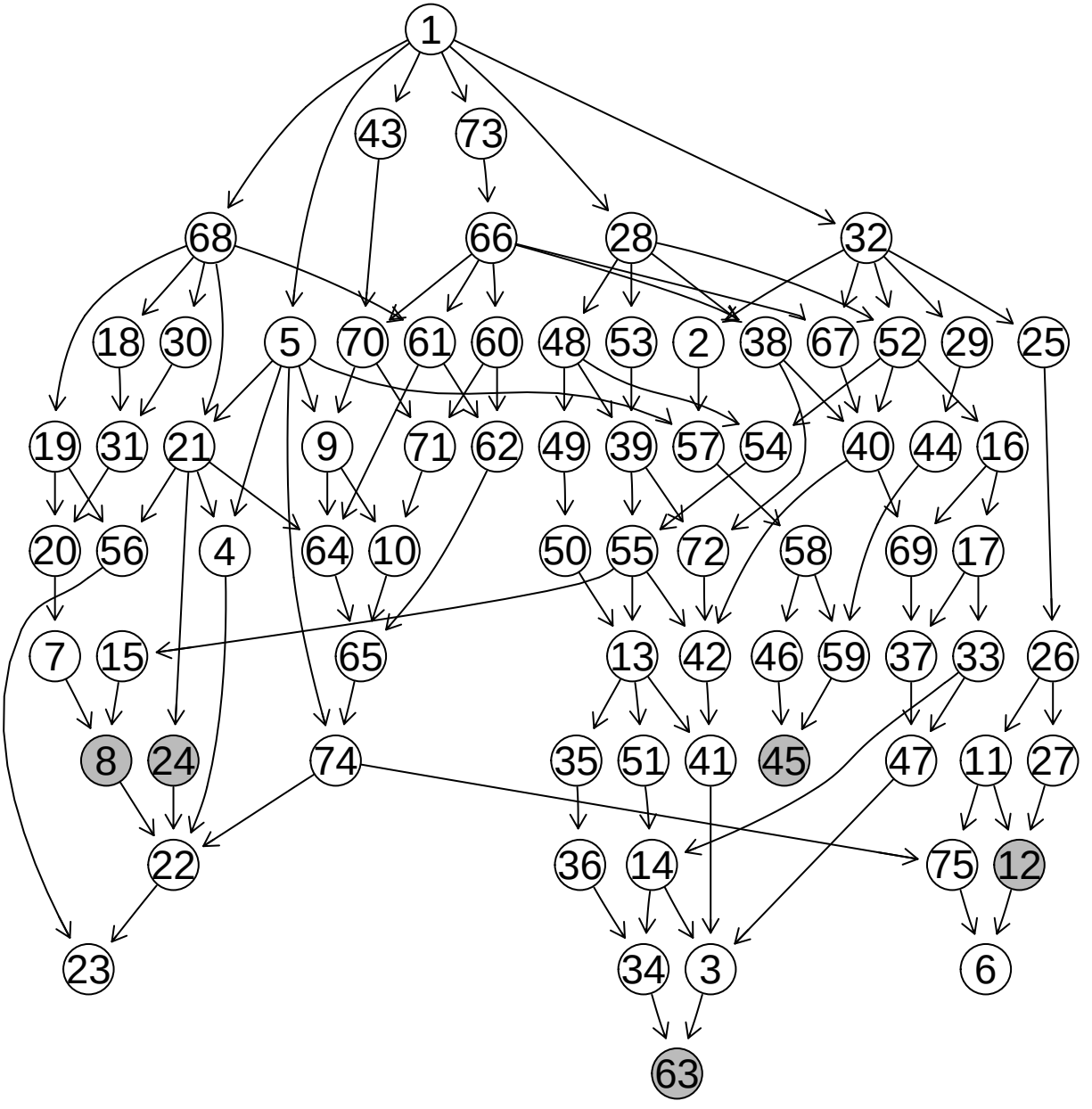
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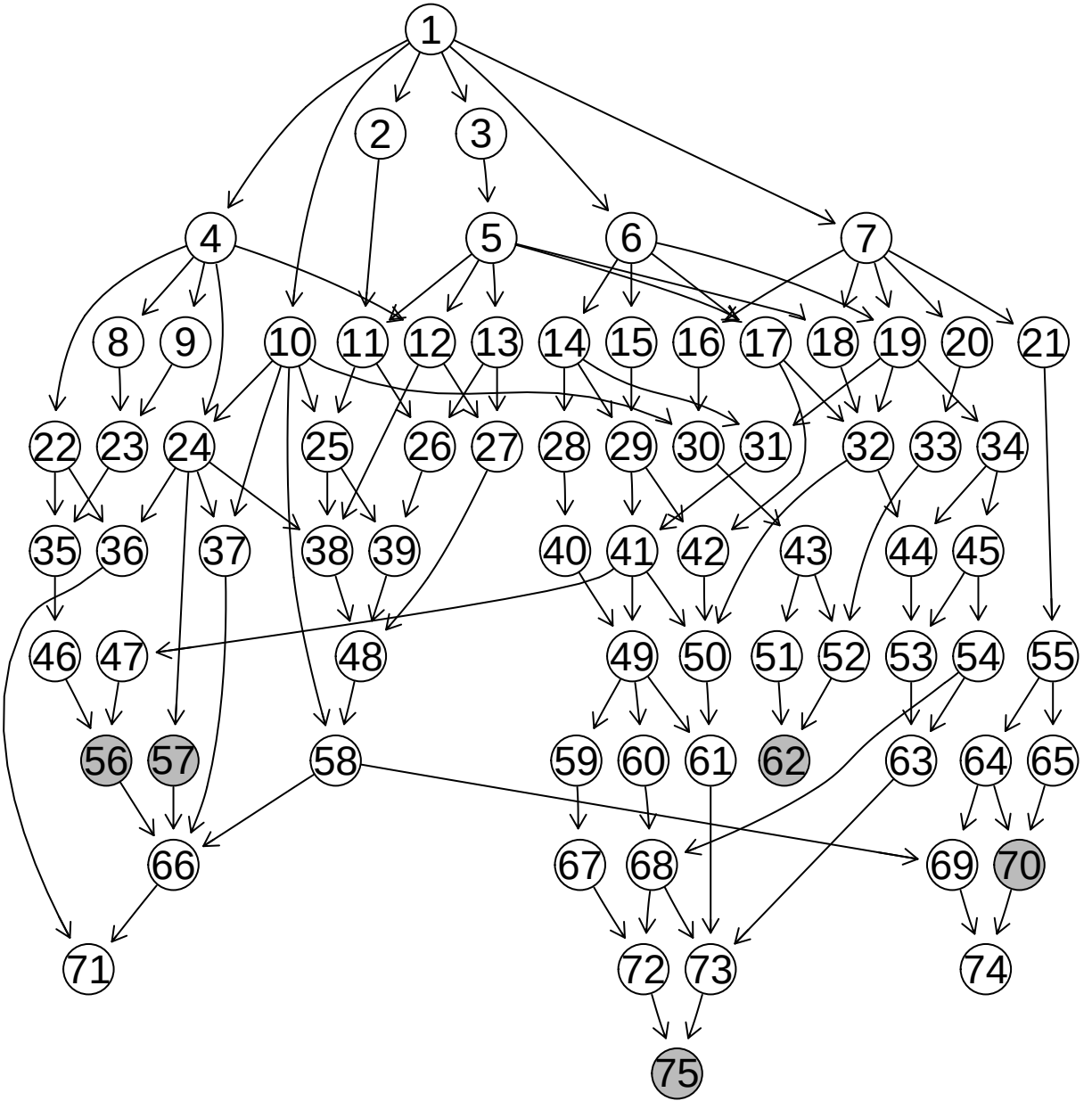
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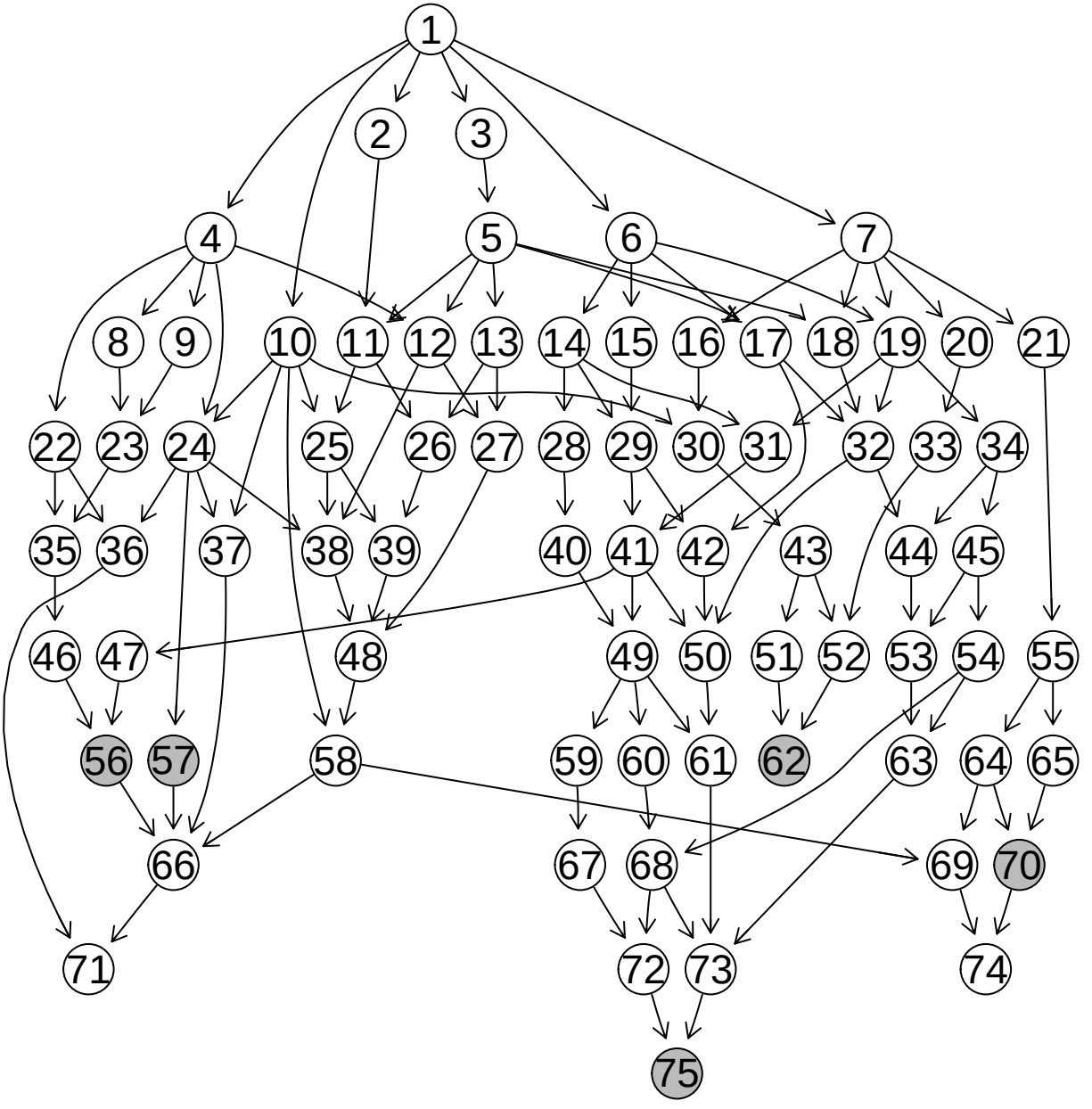
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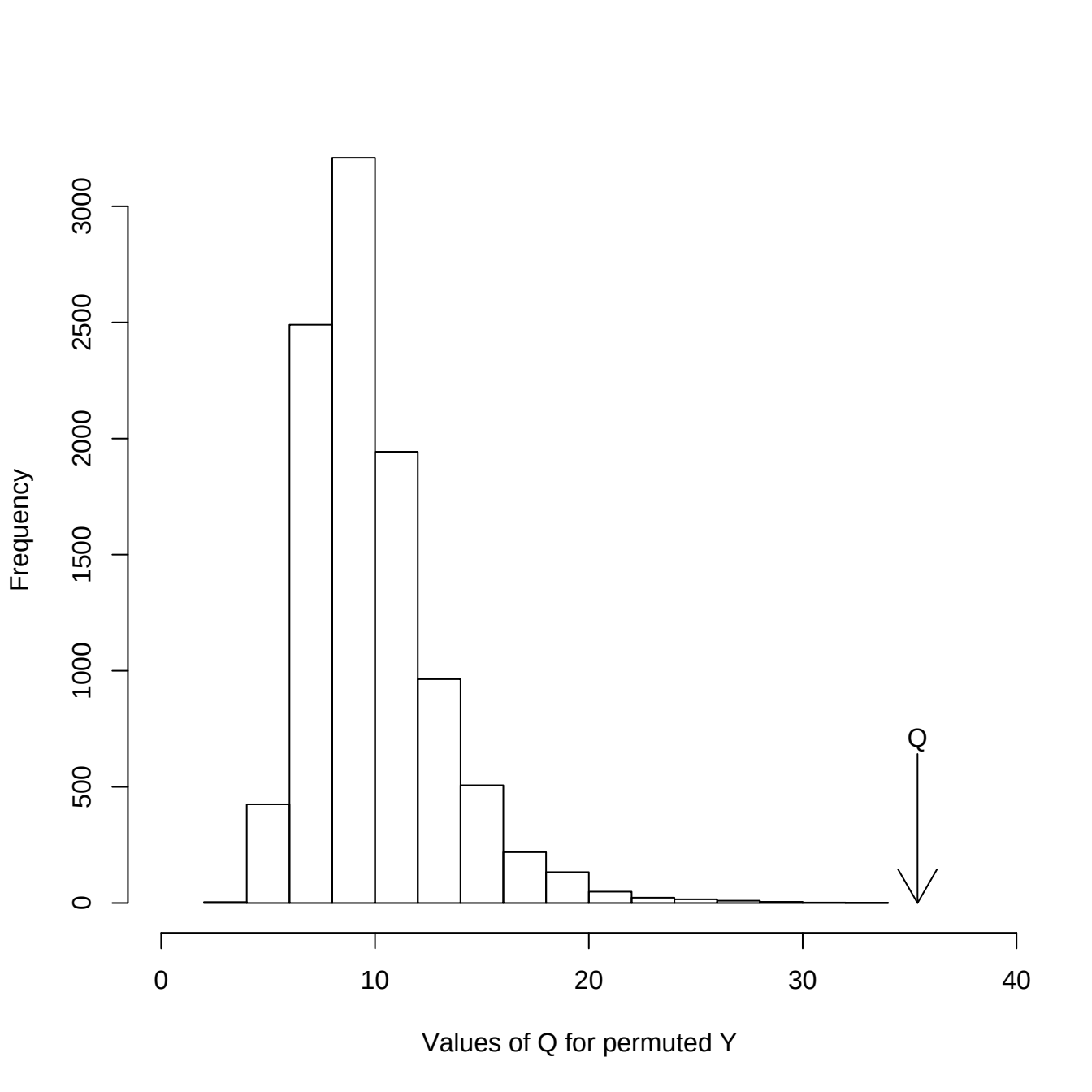
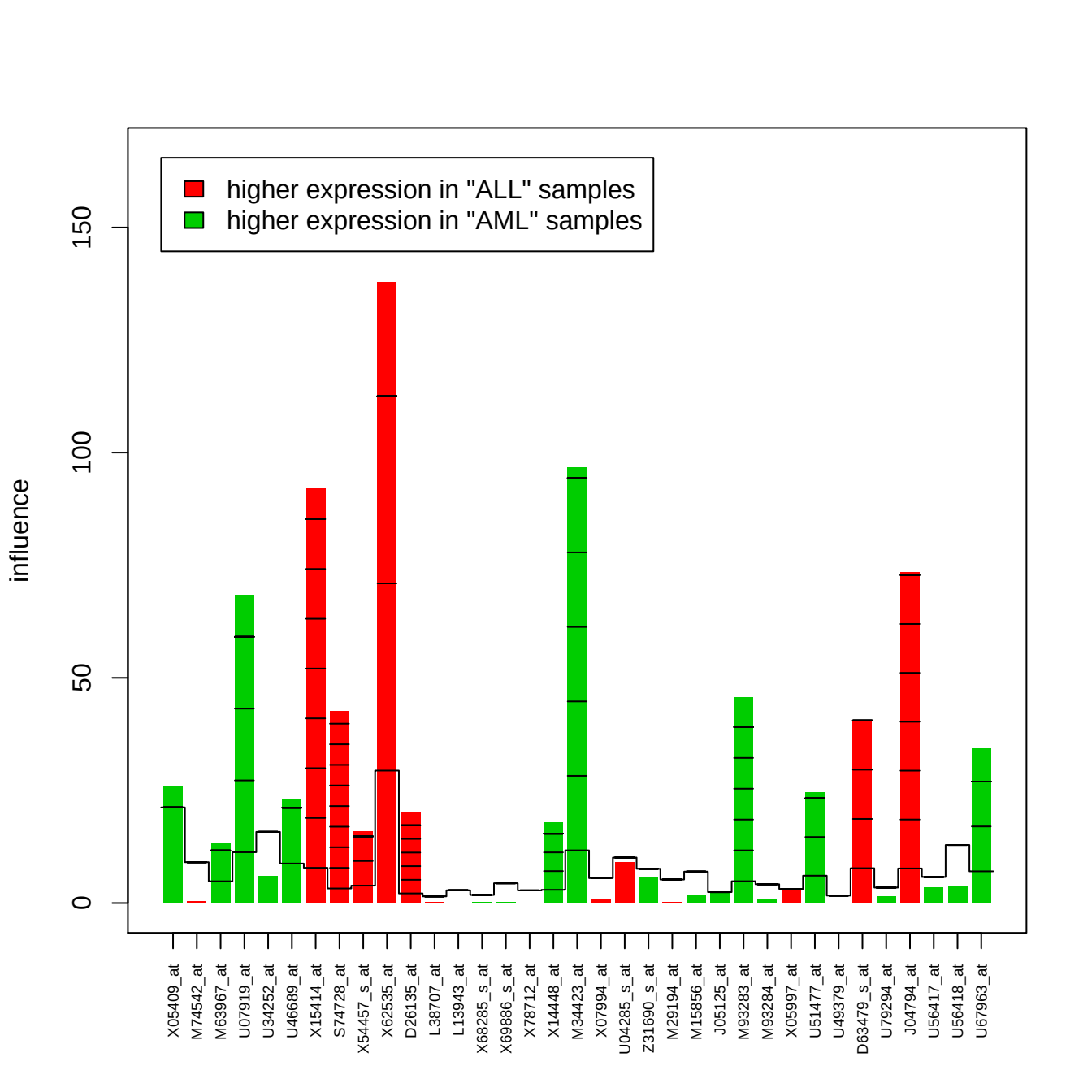

Frequency
0
500
1000
1500
2000
2500
3000
Q
0
10
20
30
40
Values of Q for permuted Y


higher expression in "ALL" samples
higher expression in "AML" samples
influence
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50
100
150
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M63967_at
U07919_at
U34252_at
U46689_at
X15414_at
S74728_at
X54457_s_at
X62535_at
D26135_at
L38707_at
L13943_at
X68285_s_at
X69886_s_at
X78712_at
X14448_at
M34423_at
X07994_at
U04285_s_at
Z31690_s_at
M29194_at
M15856_at
J05125_at
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X05997_at
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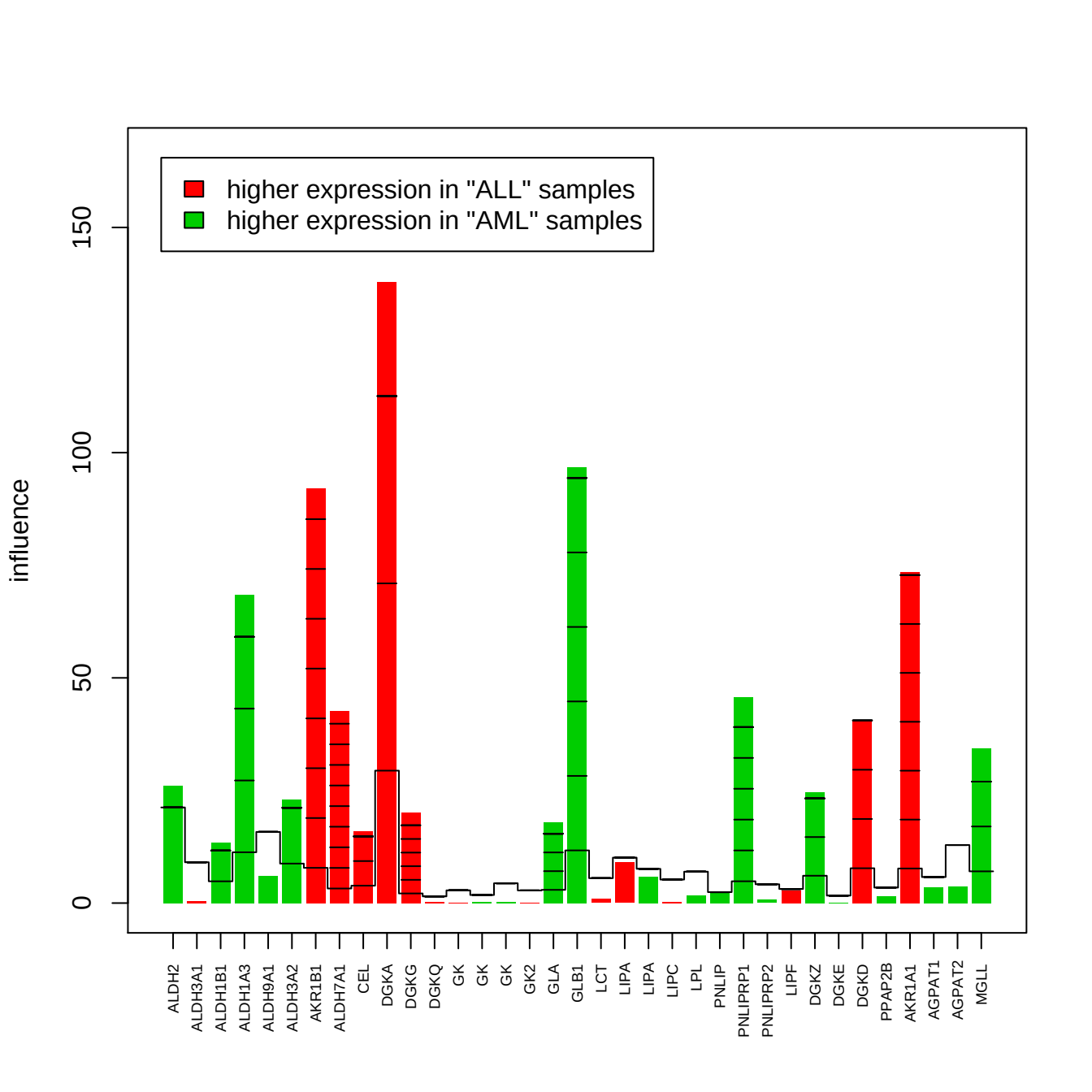
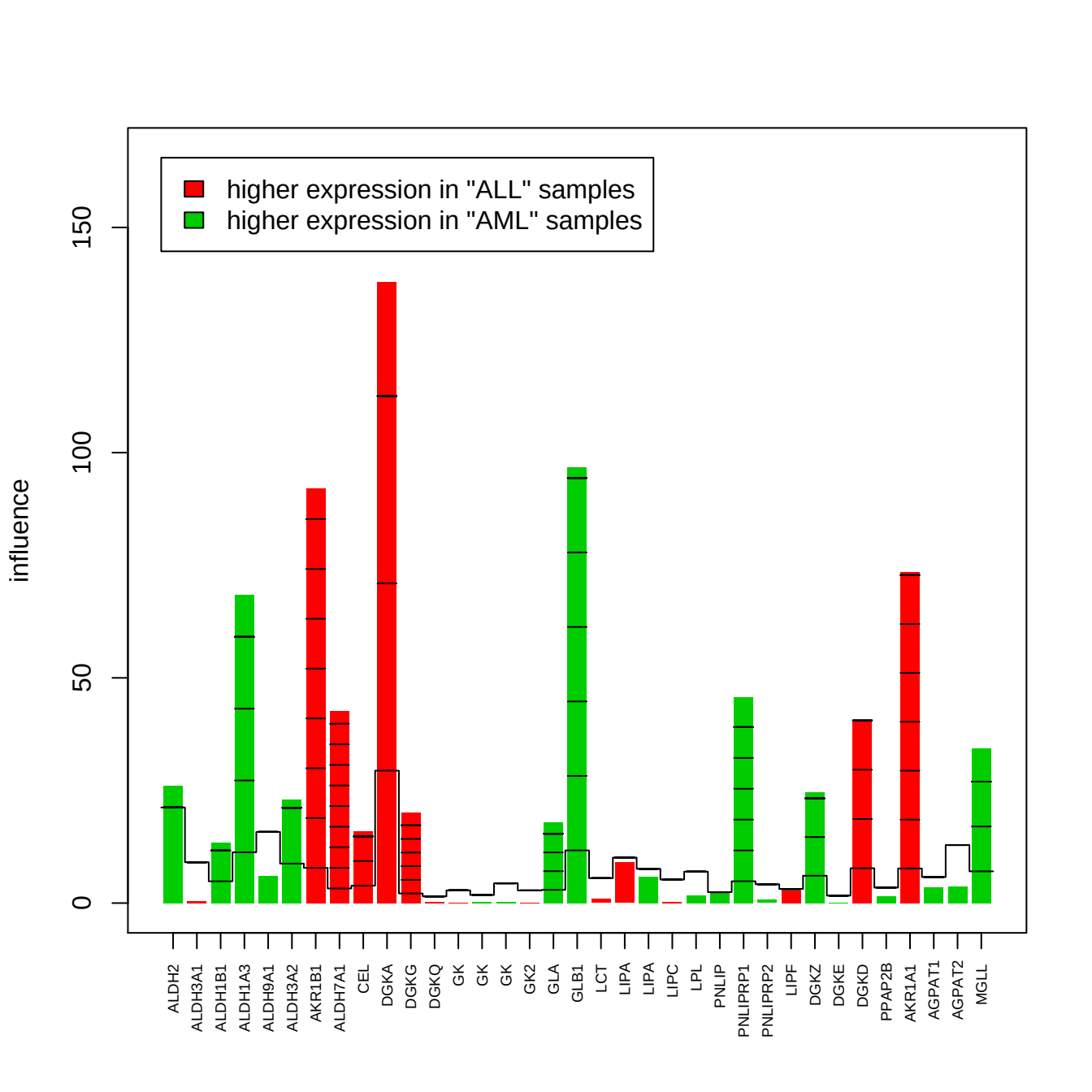

higher expression in "ALL" samples
higher expression in "AML" samples
influence
0
50
100
150
ALDH2
ALDH3A1
ALDH1B1
ALDH1A3
ALDH9A1
ALDH3A2
AKR1B1
ALDH7A1
CEL
DGKA
DGKG
DGKQ
GK
GK
GK
GK2
GLA
GLB1
LCT
LIPA
LIPA
LIPC
LPL
PNLIP
PNLIPRP1
PNLIPRP2
LIPF
DGKZ
DGKE
DGKD
PPAP2B
AKR1A1
AGPAT1
AGPAT2
MGLL


higher expression in "ALL" samples
higher expression in "AML" samples
influence
0
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ALDH2
ALDH3A1
ALDH1B1
ALDH1A3
ALDH9A1
ALDH3A2
AKR1B1
ALDH7A1
CEL
DGKA
DGKG
DGKQ
GK
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GK2
GLA
GLB1
LCT
LIPA
LIPA
LIPC
LPL
PNLIP
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DGKZ
DGKE
DGKD
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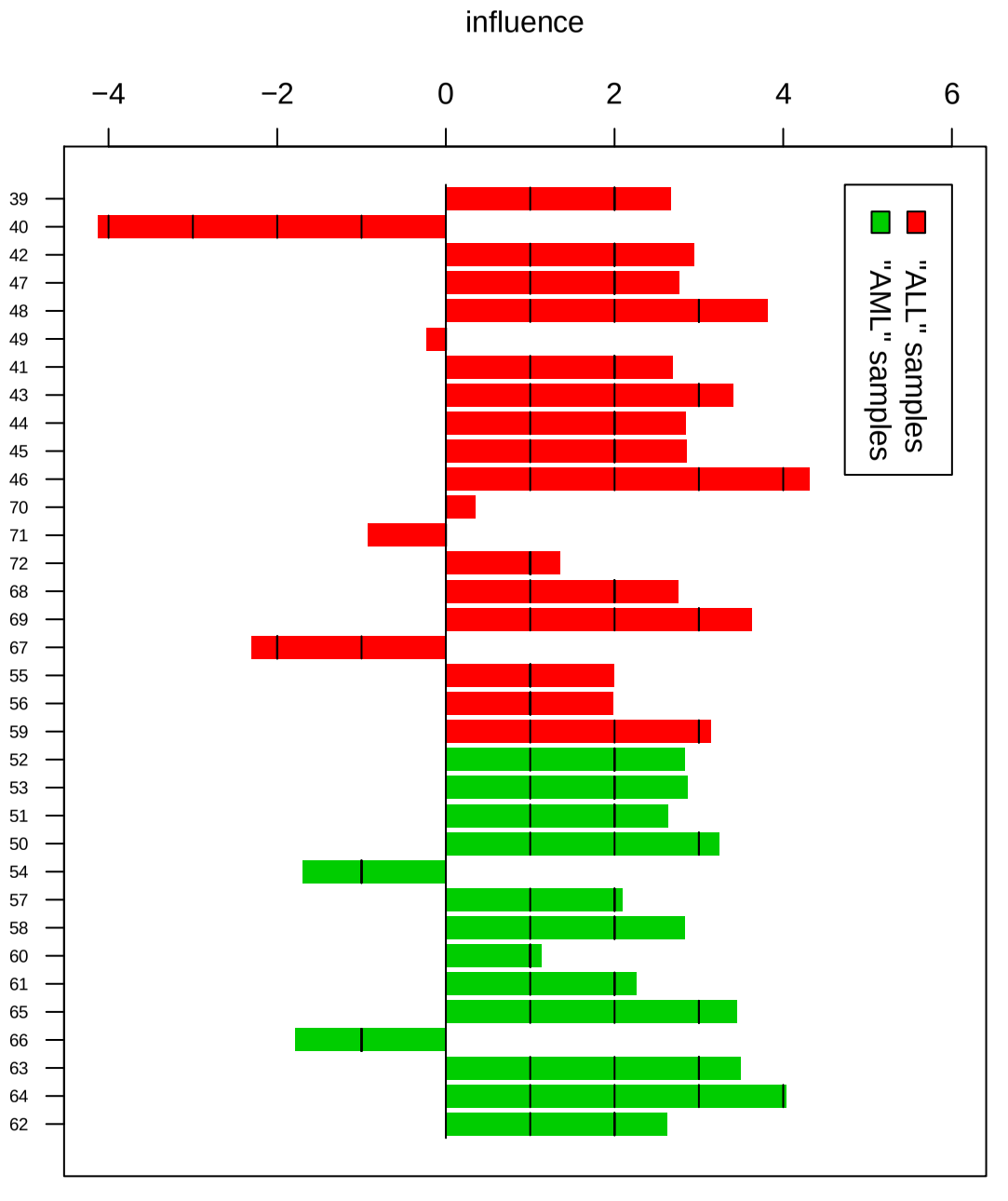
influence
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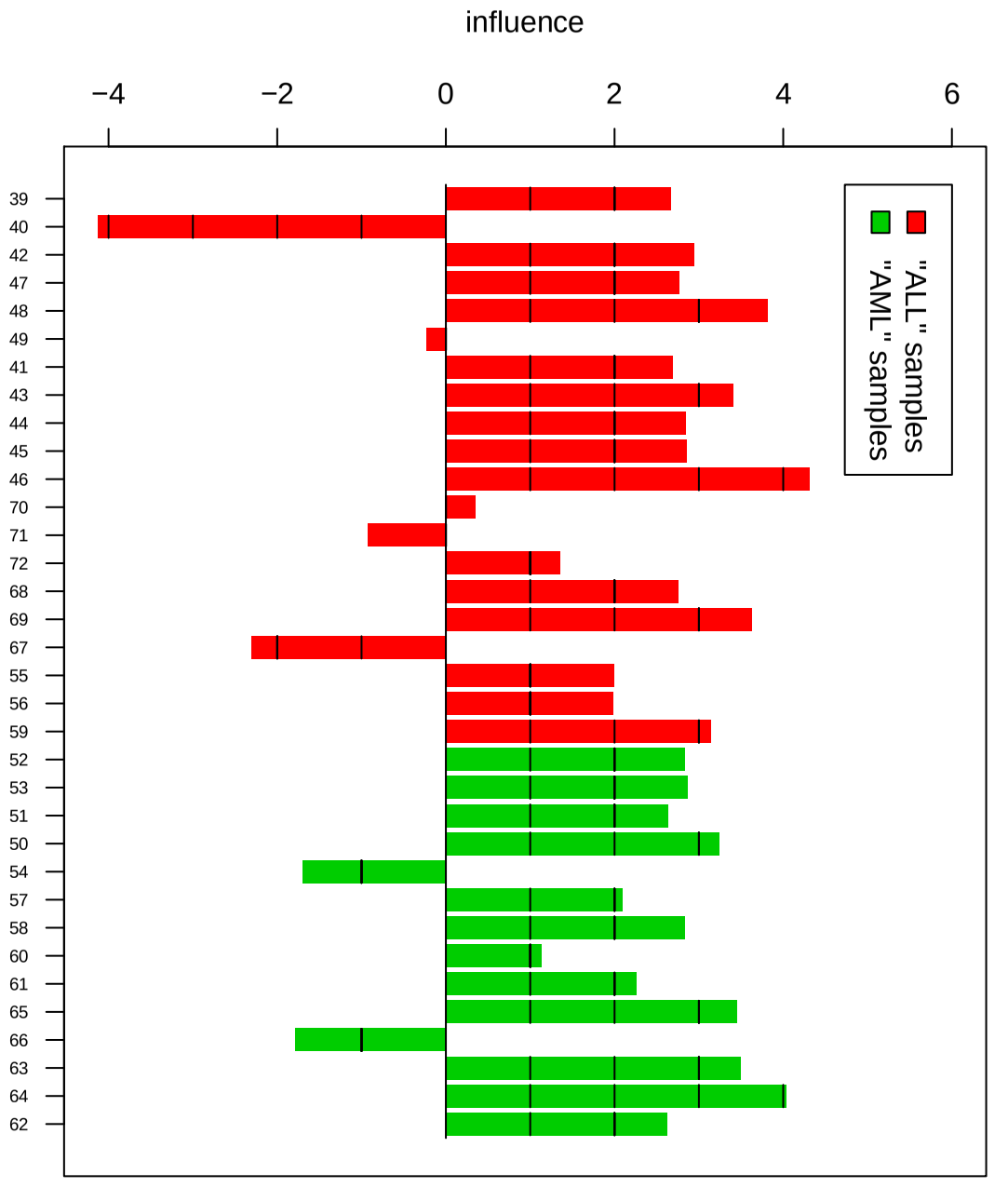
62
"ALL" samples
"AML" samples


influence
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"ALL" samples
"AML" samples

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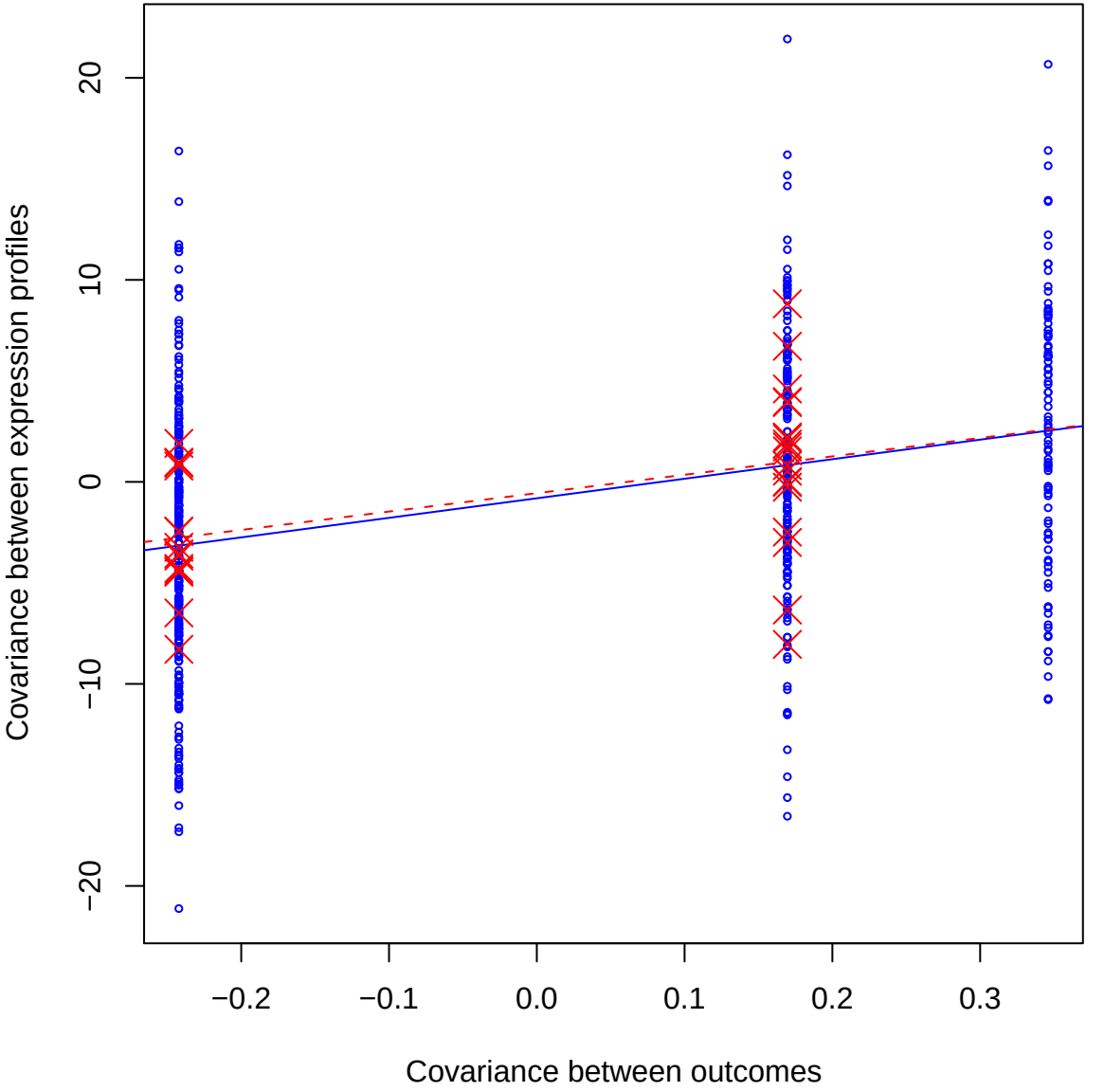
Covariance between expression profiles
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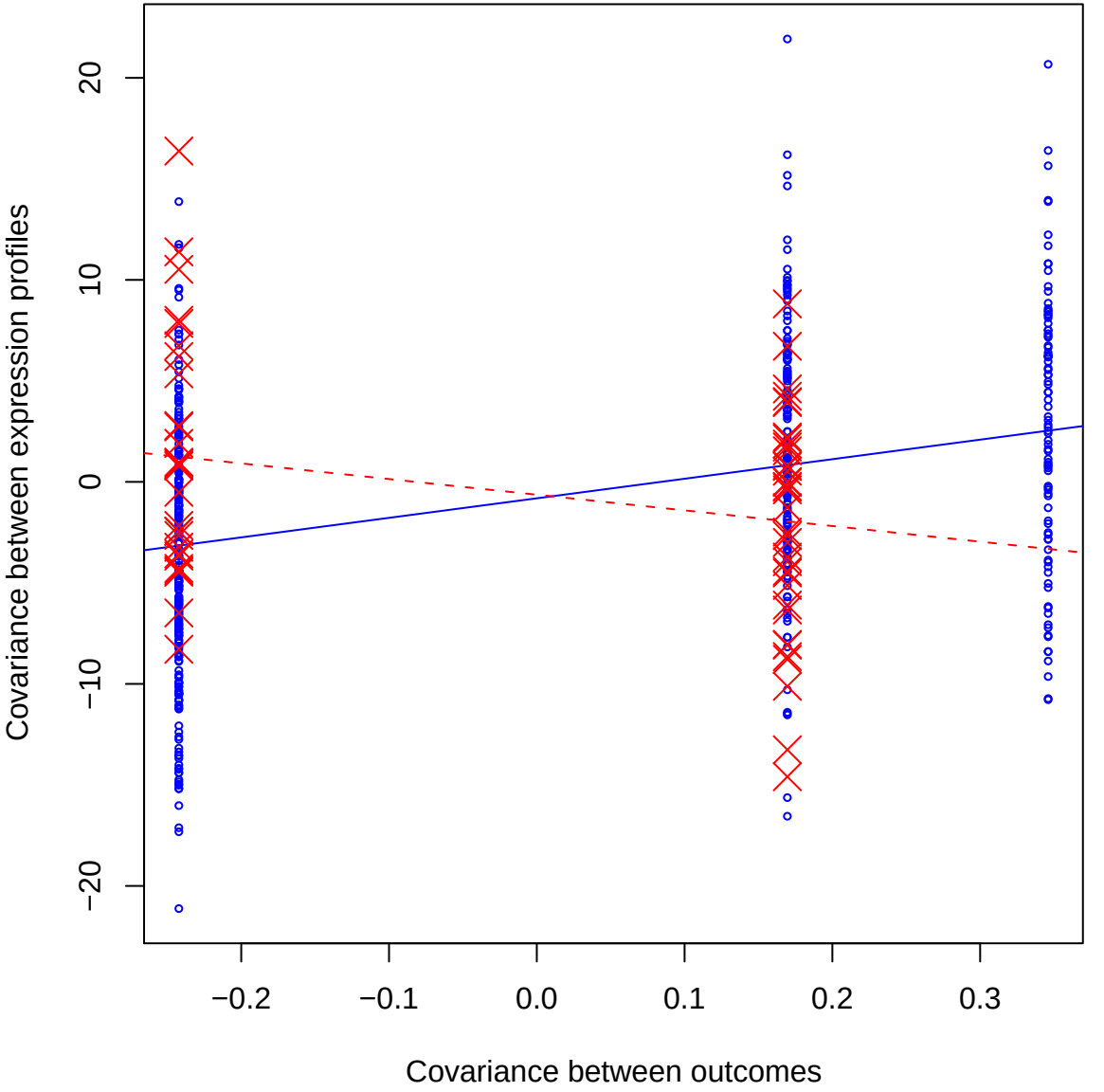
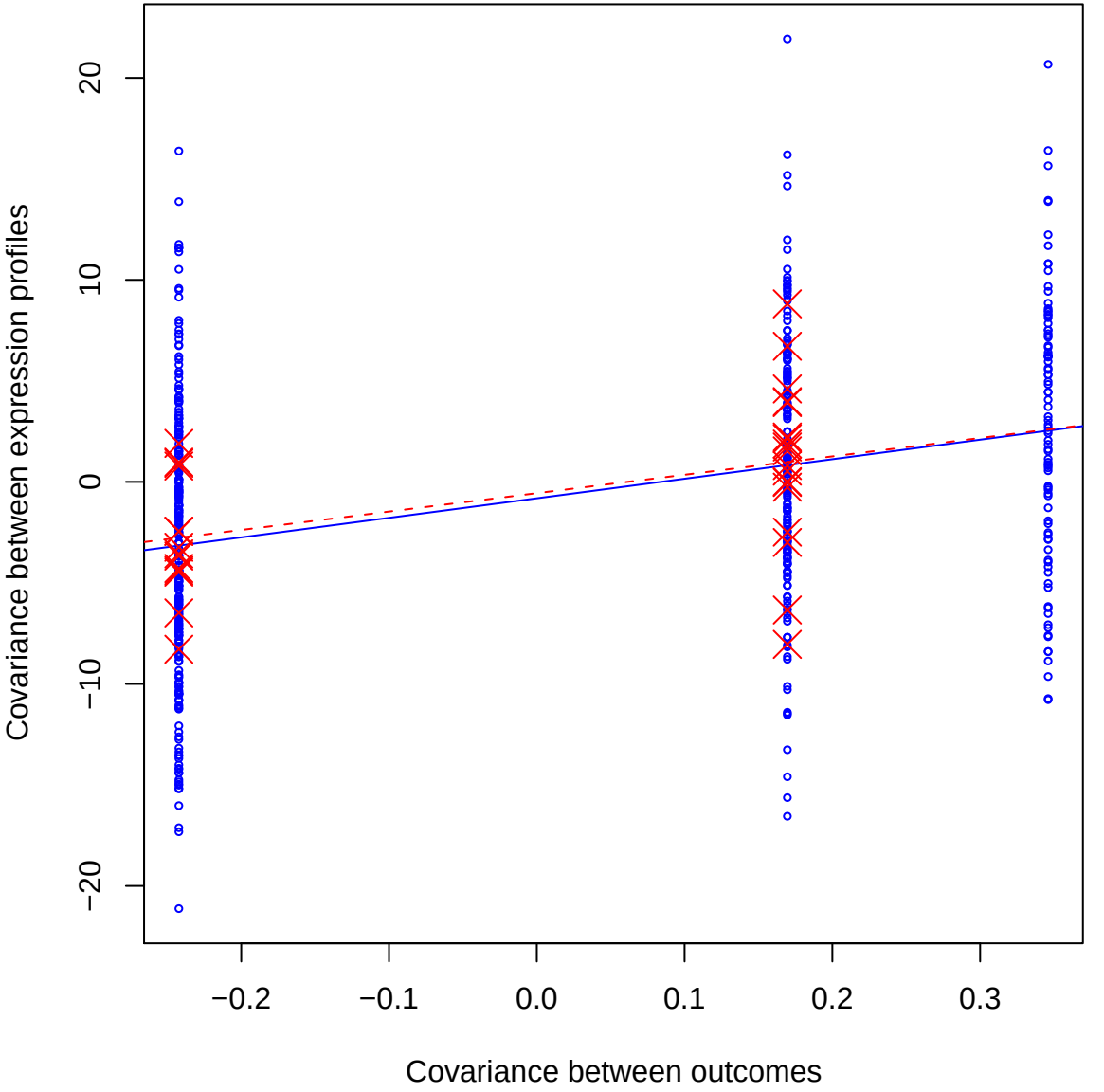
0
−10
−20
−0.2
−0.1
0.0
0.1
0.2
0.3
Covariance between outcomes


Covariance between expression profiles
20
10
0
−10
−20
−0.2
−0.1
0.0
0.1
0.2
0.3
Covariance between outcomes


Covariance between expression profiles
20
10
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−10
−20
−0.2
−0.1
0.0
0.1
0.2
0.3
Covariance between outcomes