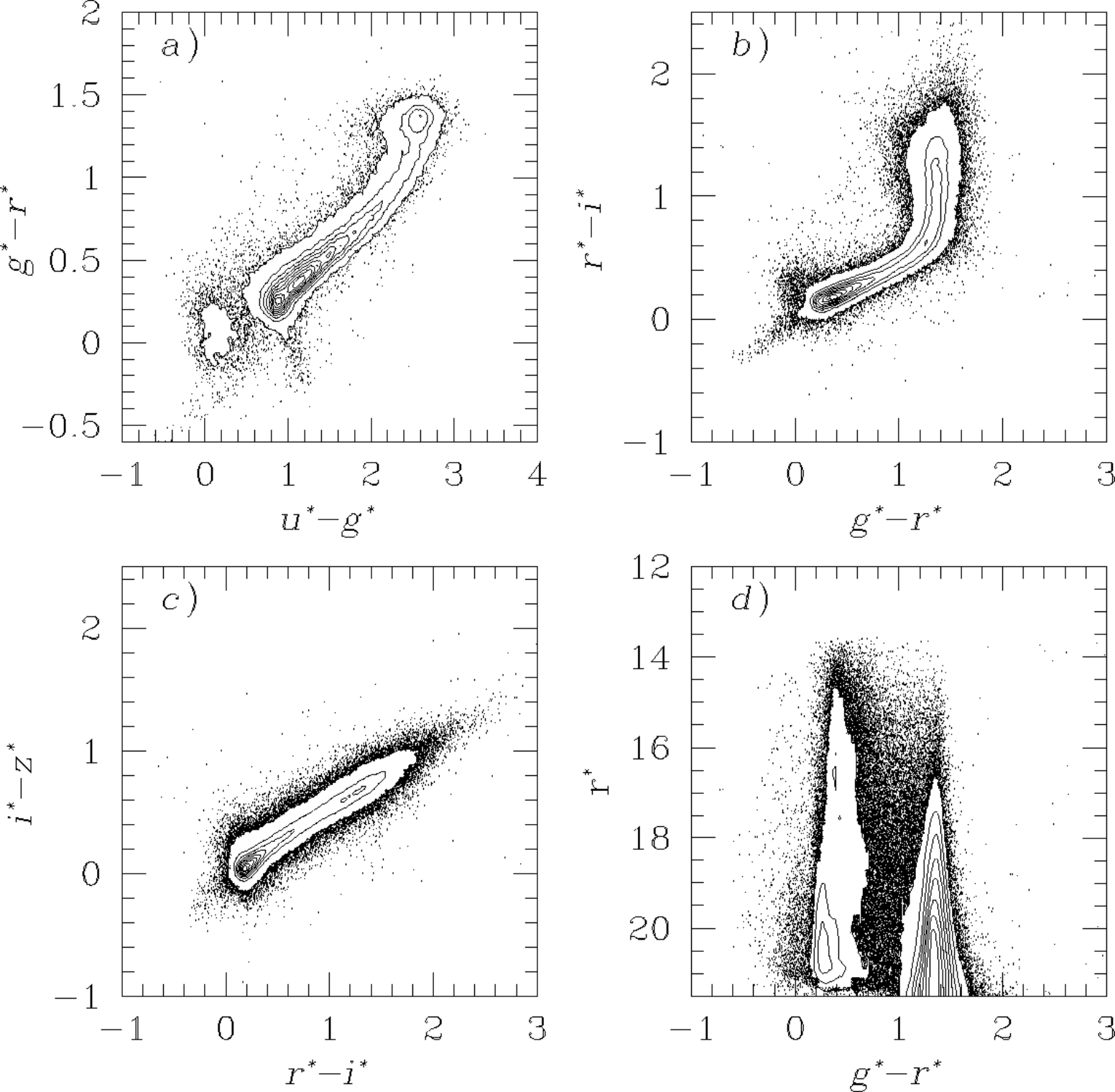
a)
b)
c)
d)
g^*-r^*
u^*-g^*
r^*-i^*
g^*-r^*
i^*-z^*
r^*-i^*
r^*
g^*-r^*