Oblis 1) Bron Johannes Tide mand Rud STK 2100

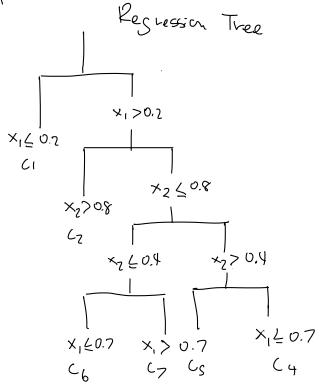
Only figure A is a possible regression tree.

Figure B has an impossible split in the Cs/Co where CS does not follow a split in a single predictor

Figure D The same goes to Figure D in Cq.

Figure C Here we have a slightly different uphlem in Cs.Co and C7. Where there is a split in x1=x2+C where C is a constant. This hind of split is also impossible in a regression tree.

b) Since Figure B, C and D are not possible i will only write the division of A



- () i) f(x, = 0.6 x, = 0.6) = (4
 - ii) f(x,=0.1, +2 0.6) = C1
 - (ii) f(x1=0.6, x2=0.1) = C6