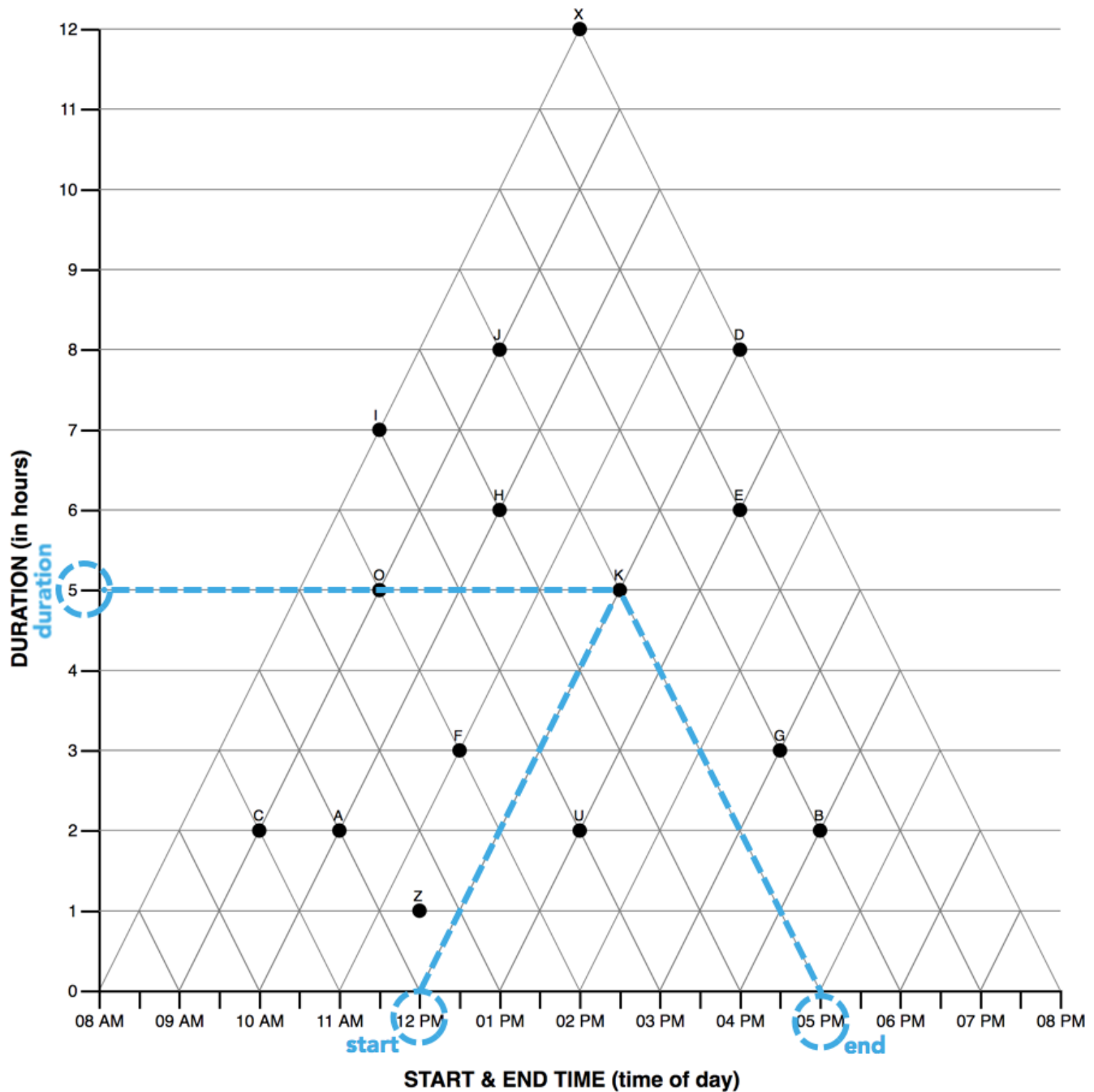
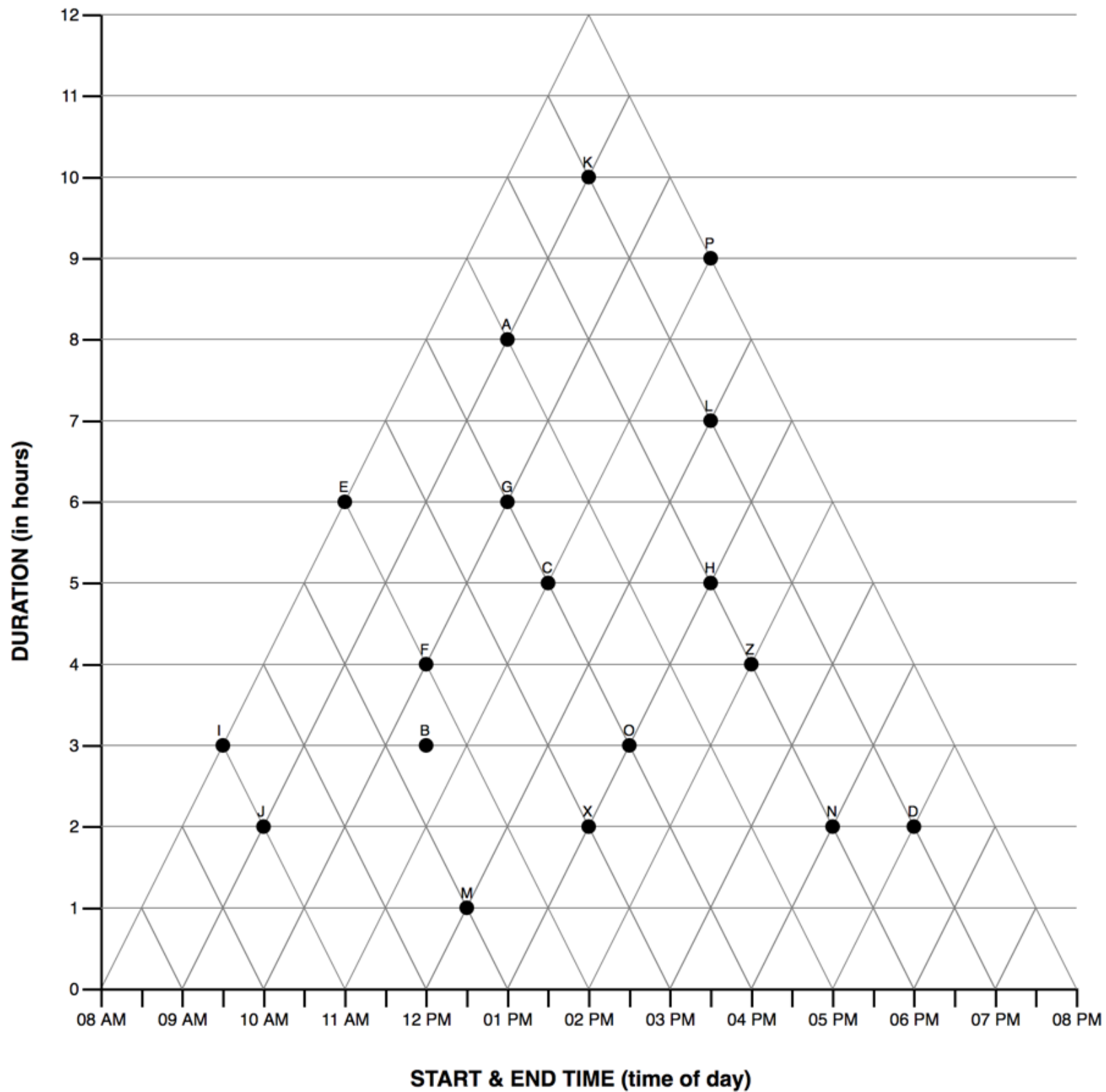
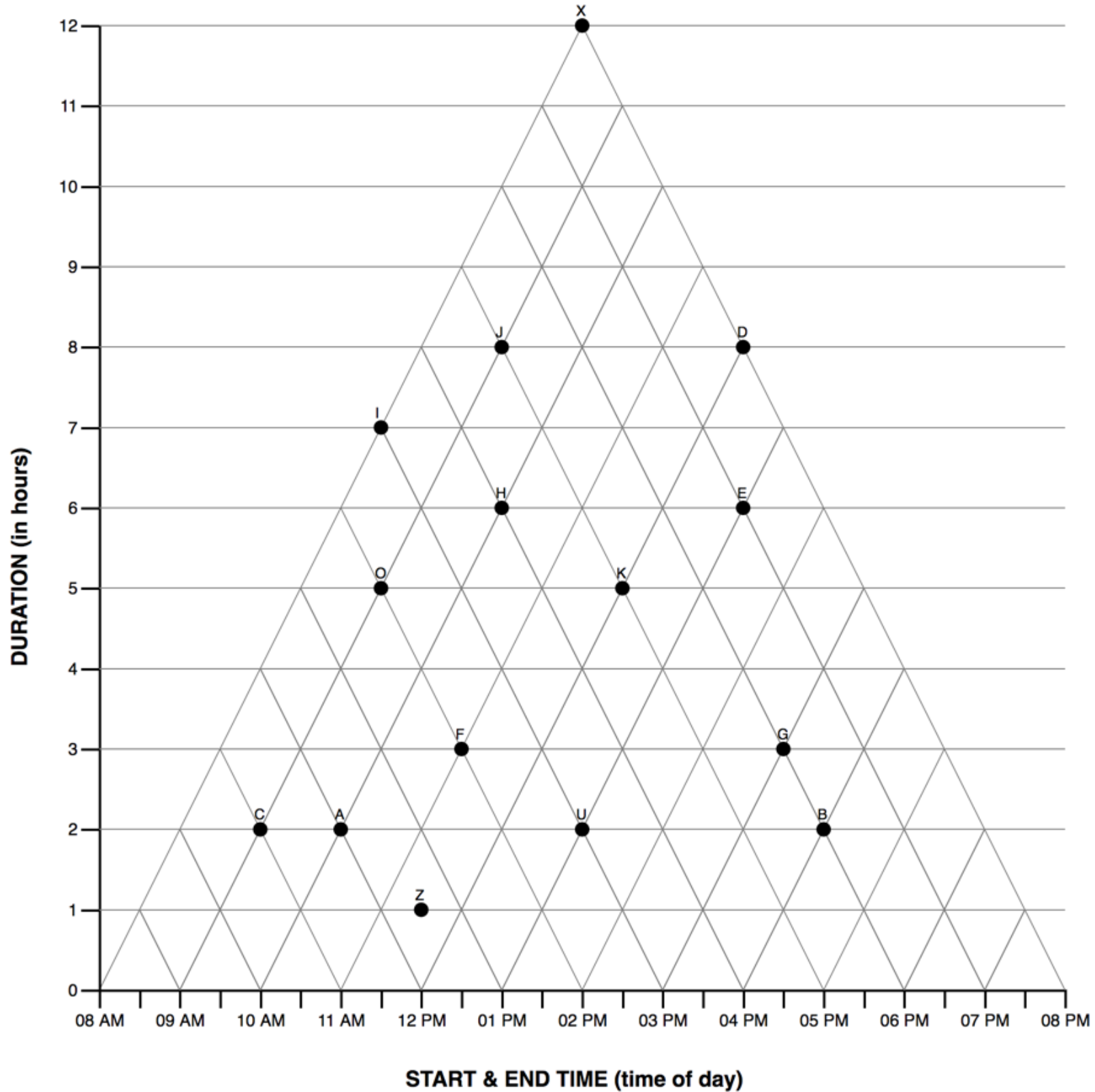


## example of text-image scaffold

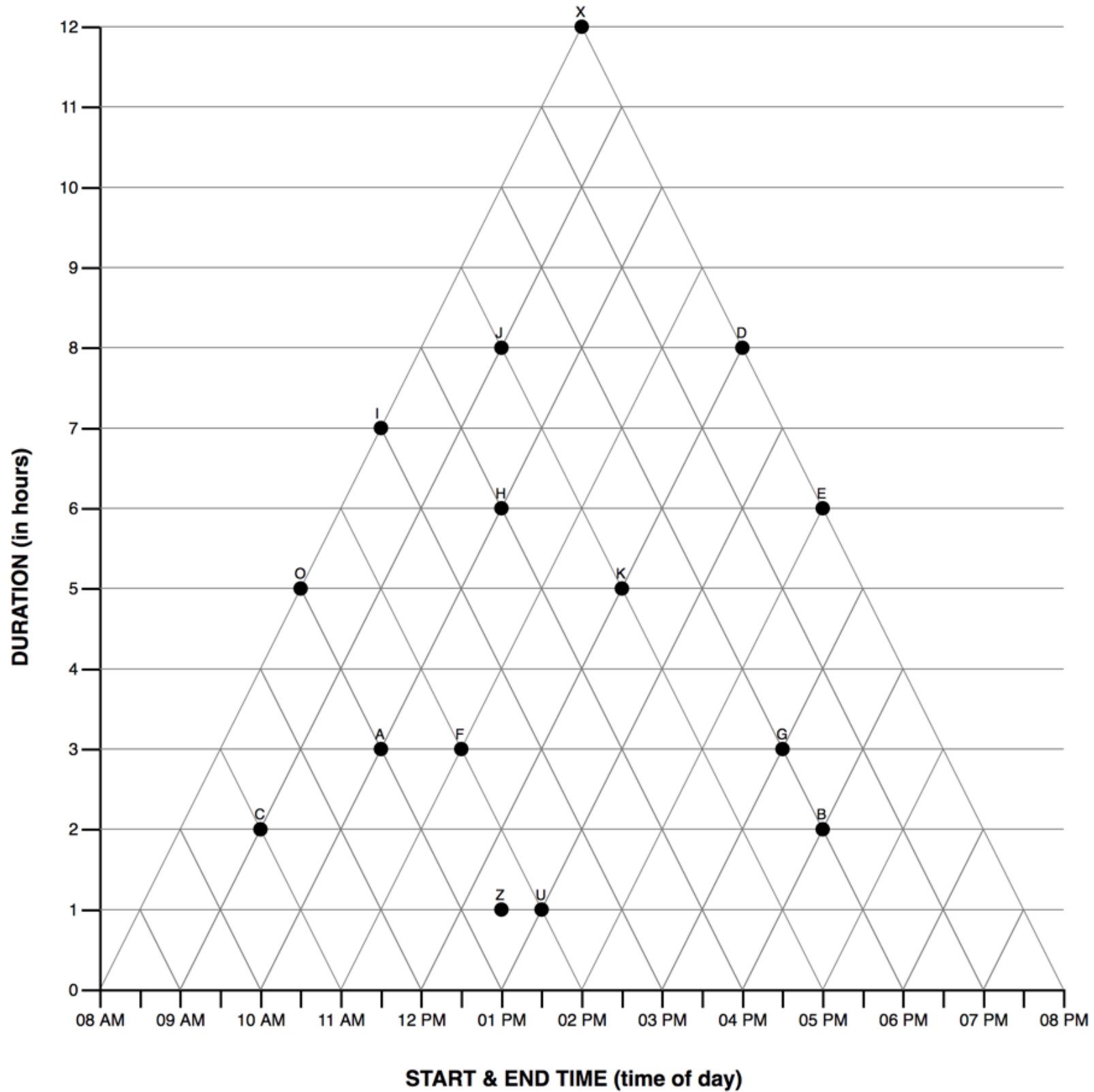




big data set (Q 6-15)

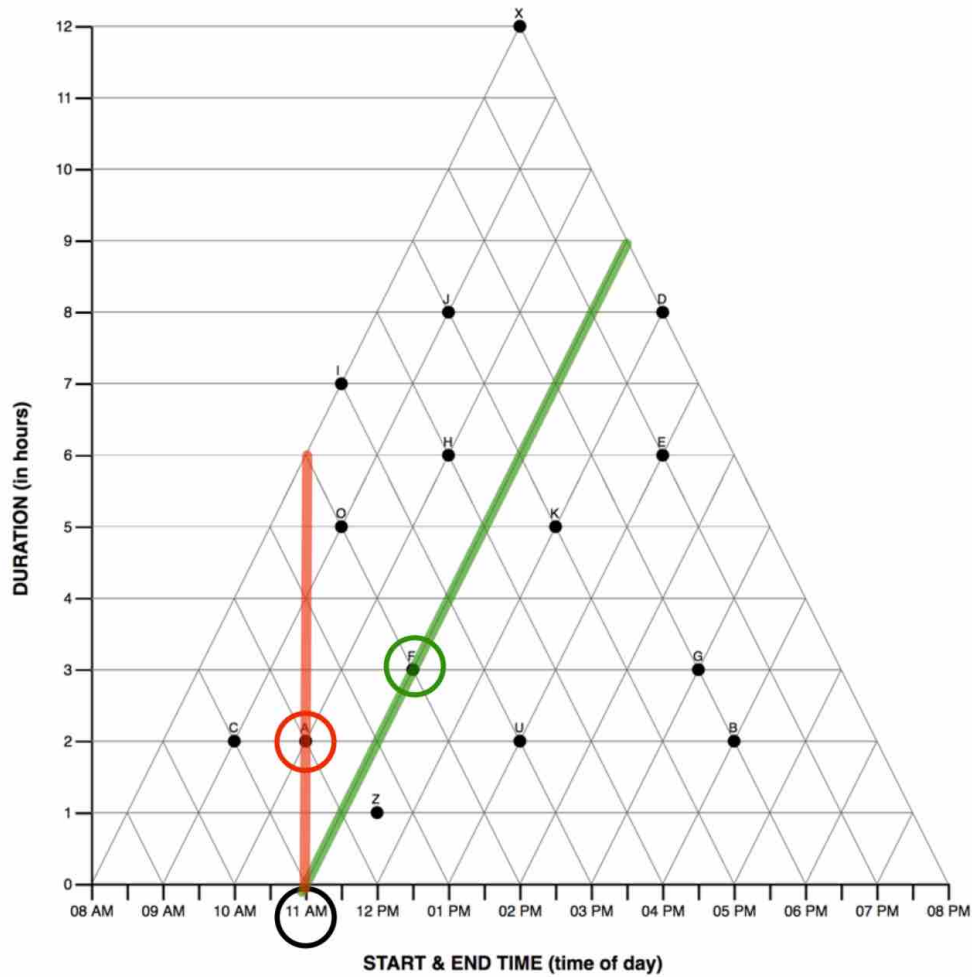


control data set (Q1-5 non-impassé)



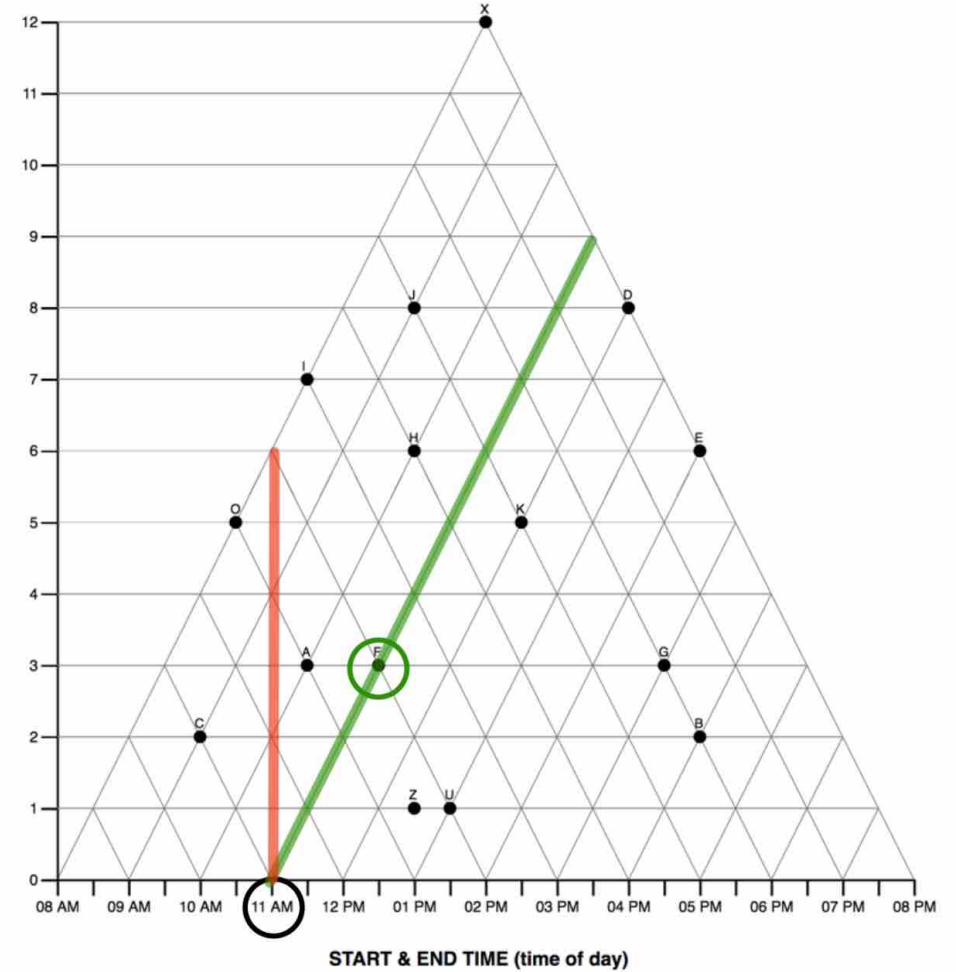
impassé data set (Q1-5)

{ Control }



F A

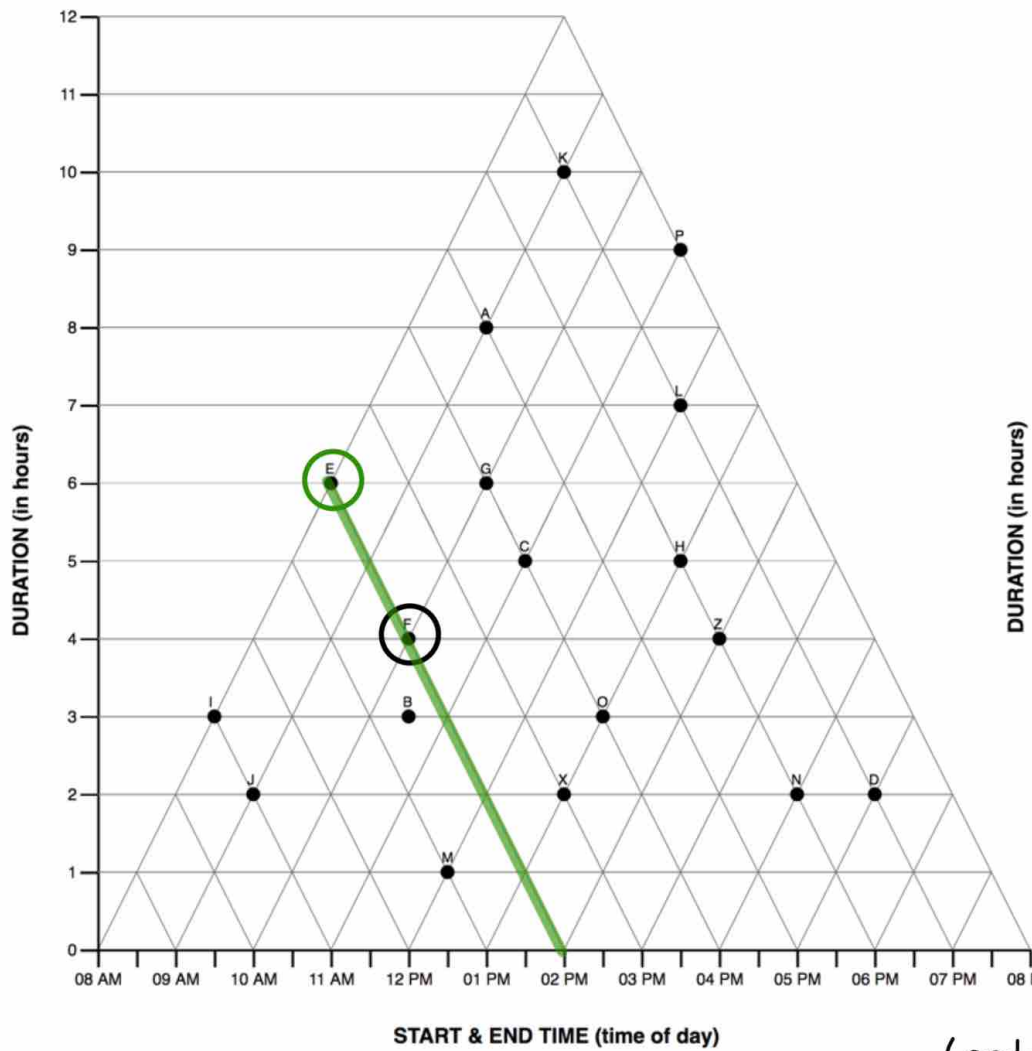
{ Impasse }



F

(start-time)  
Which shift(s) start at 11am?

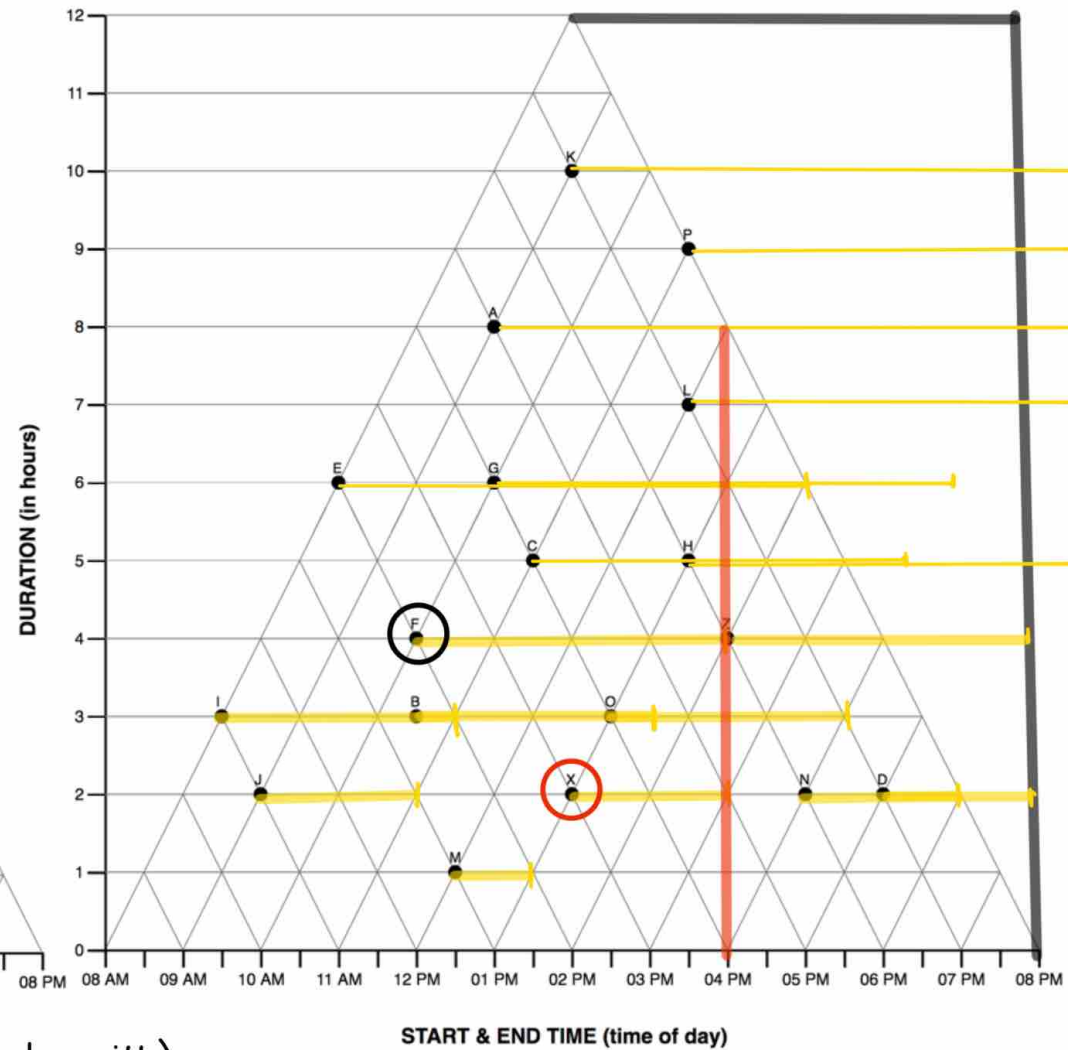




(ends-with)

E

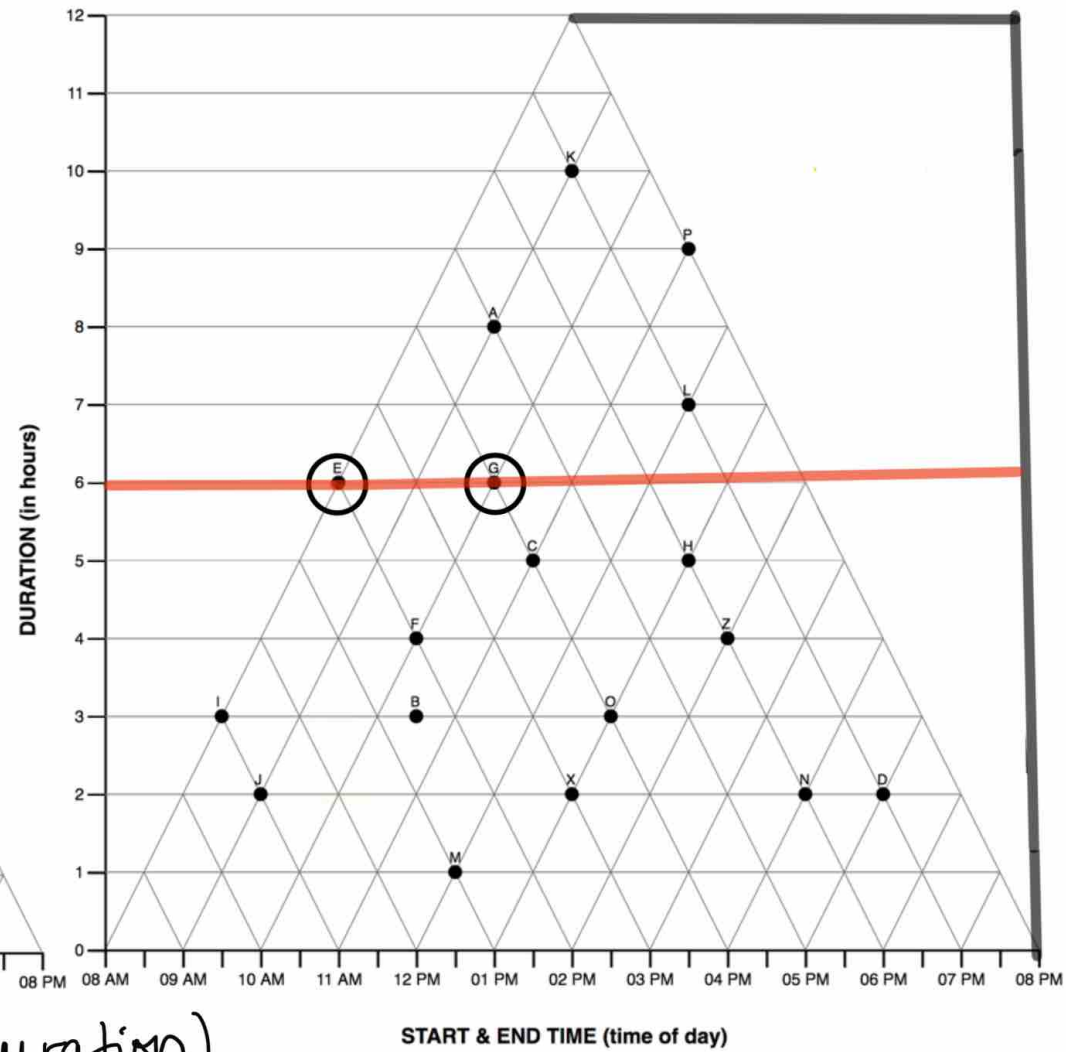
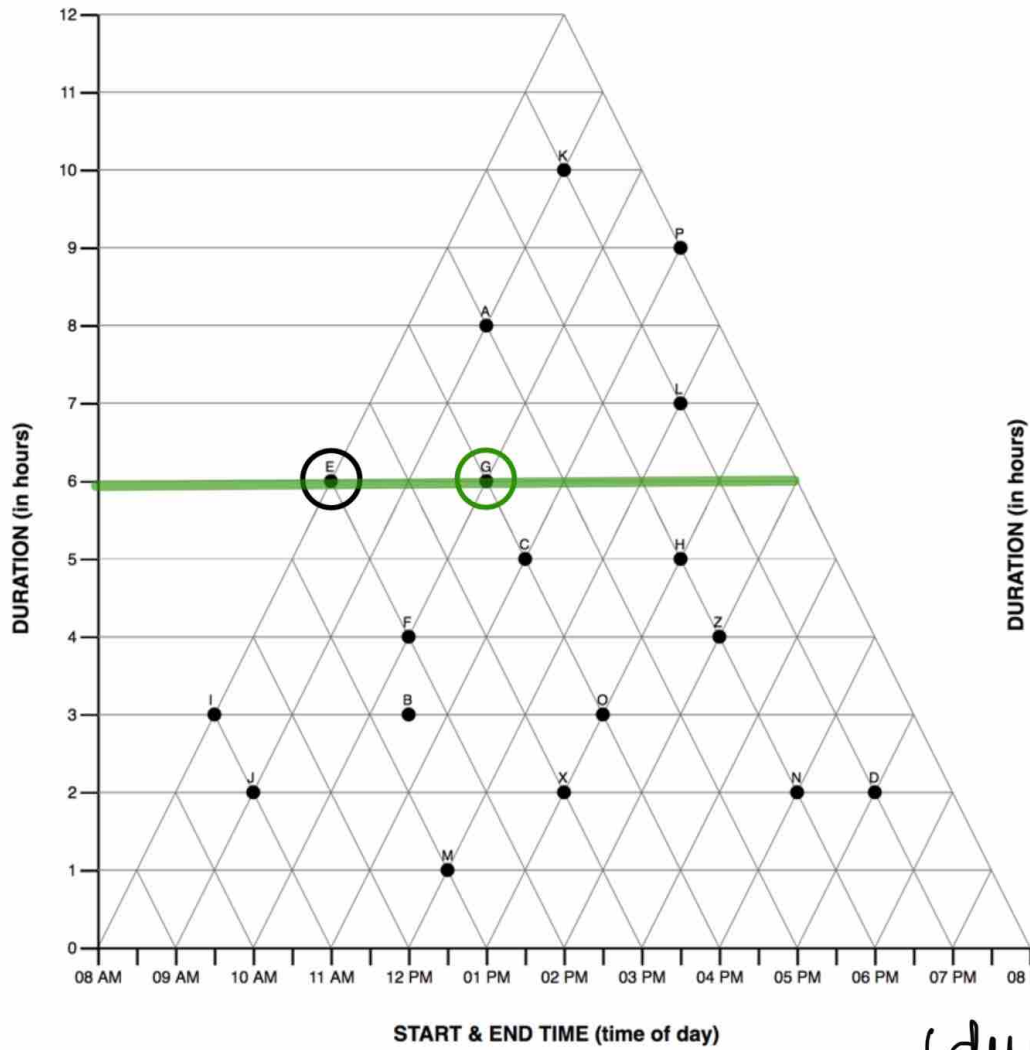
Which shift ends with F?



X

Z





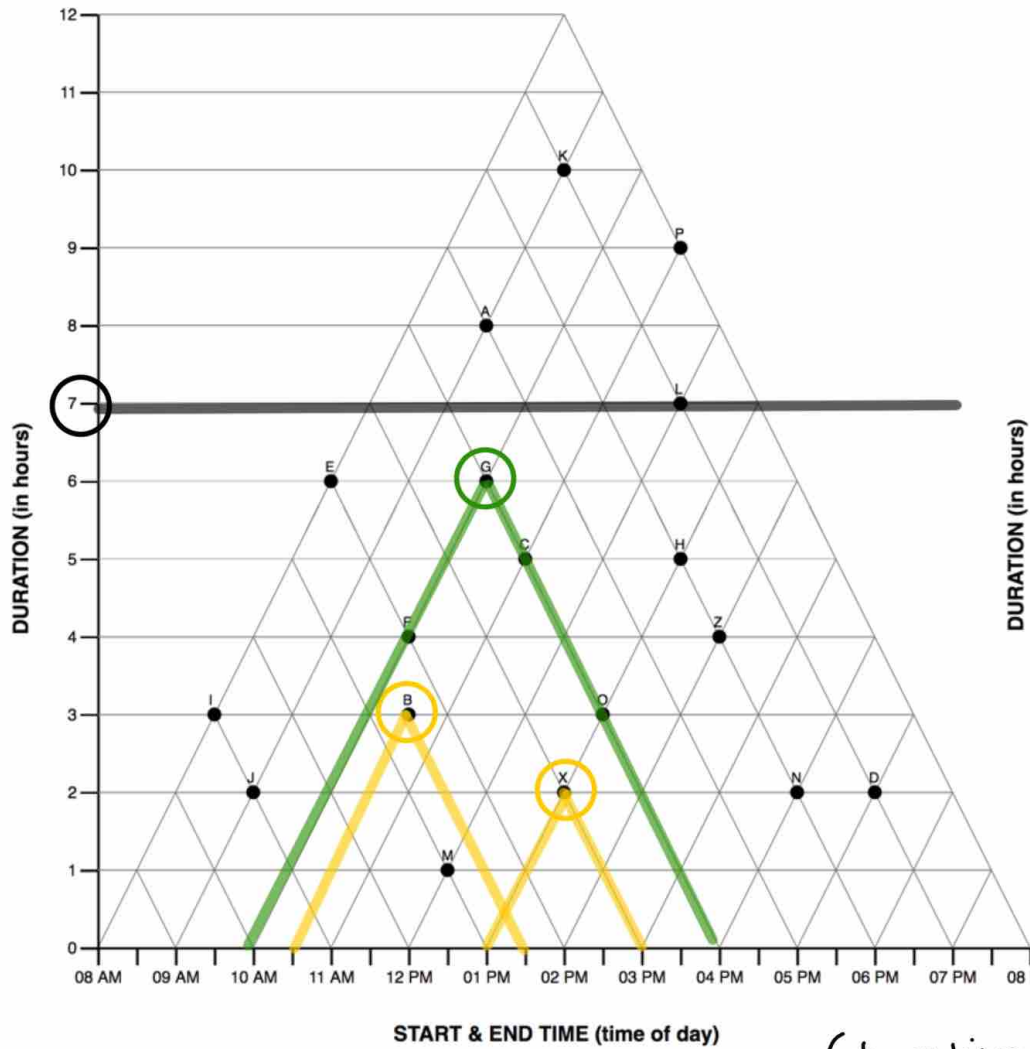
(duration)

E G

Which shifts are six hours long?

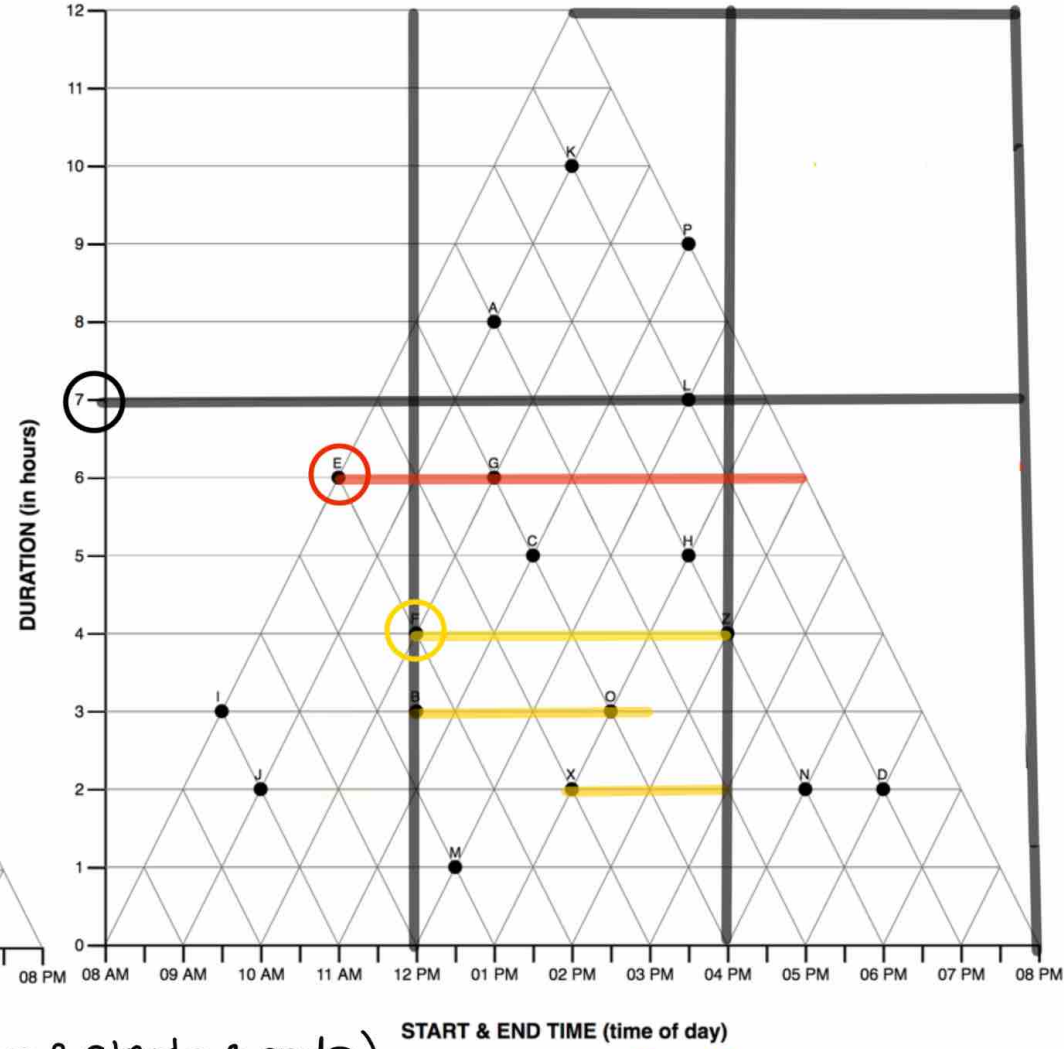
E G





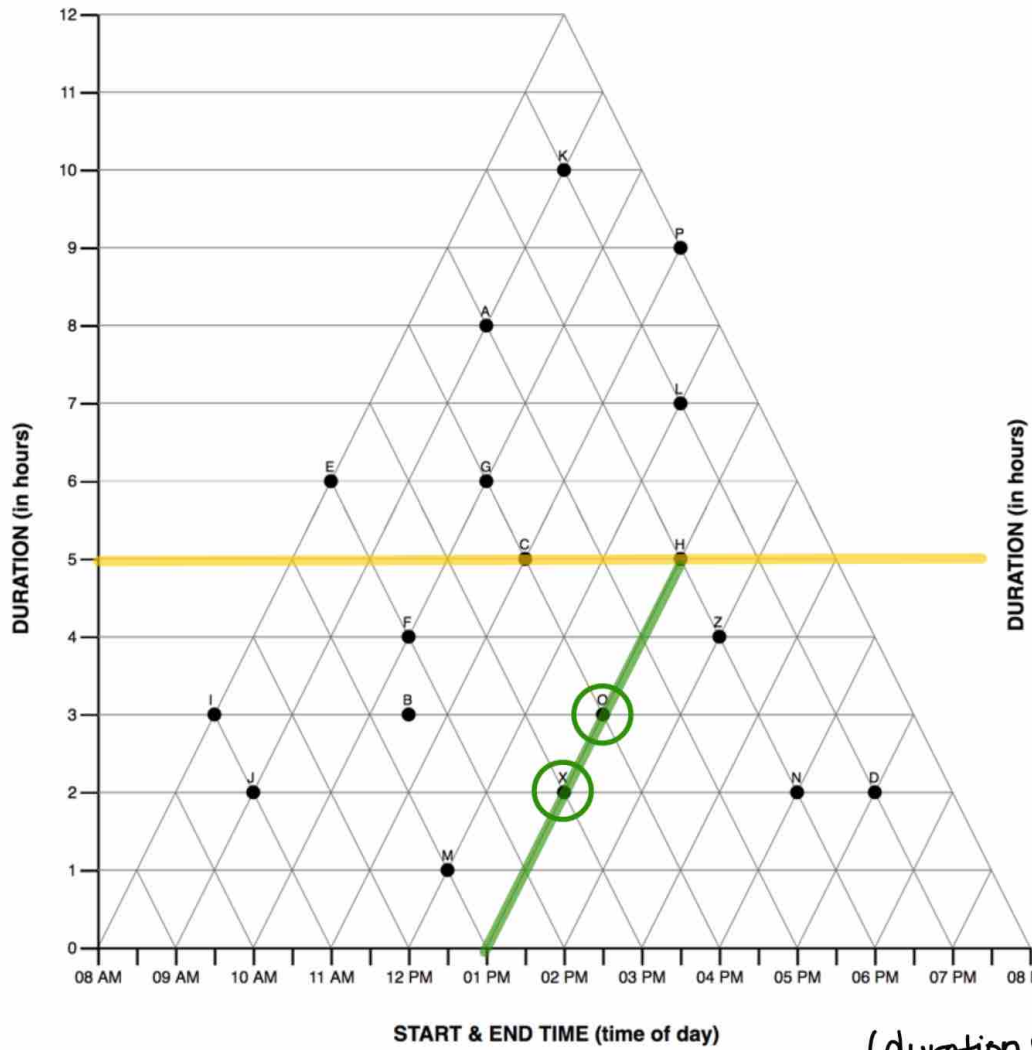
G

(duration & startp. & endp.)



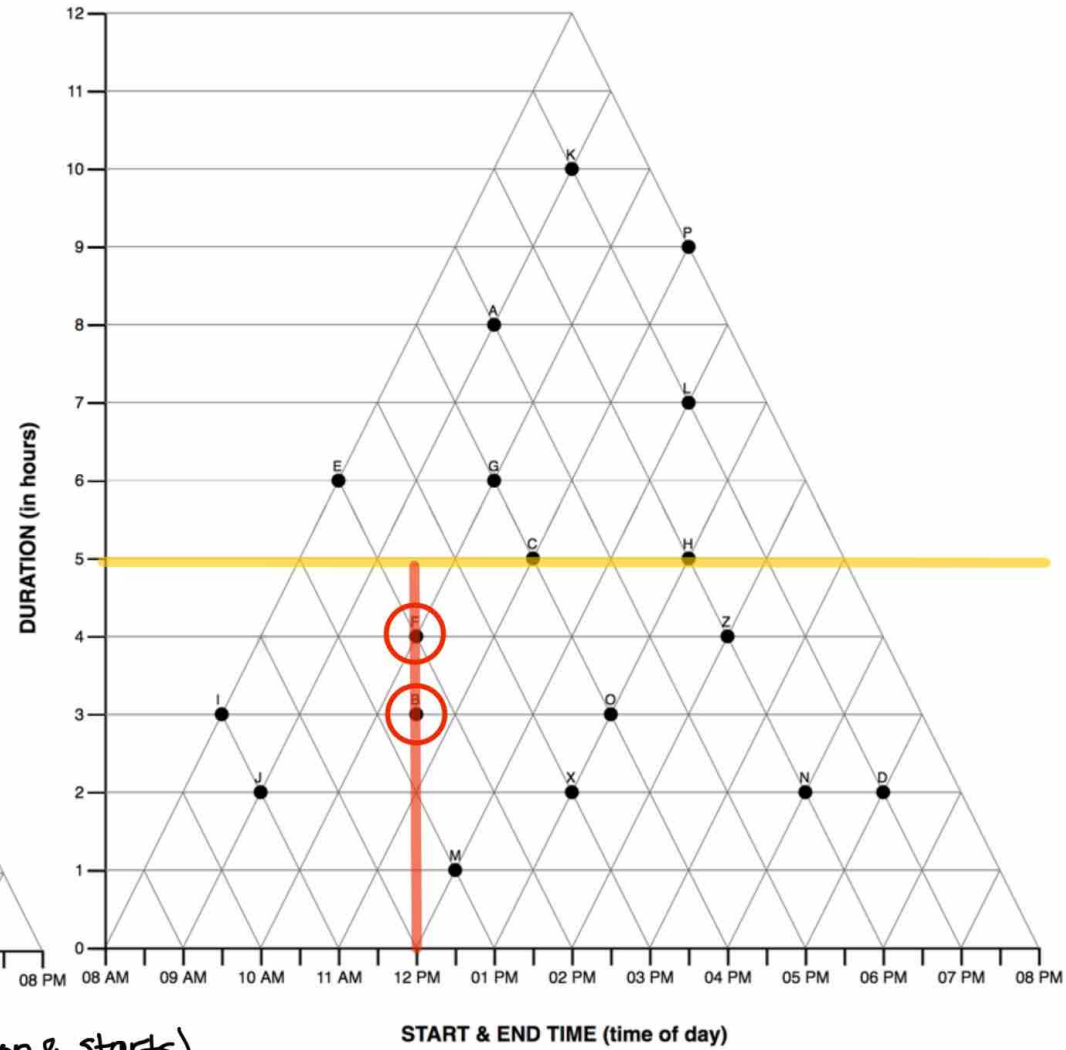
E F

Which shift under 7 hours long starts before B & ends after x?



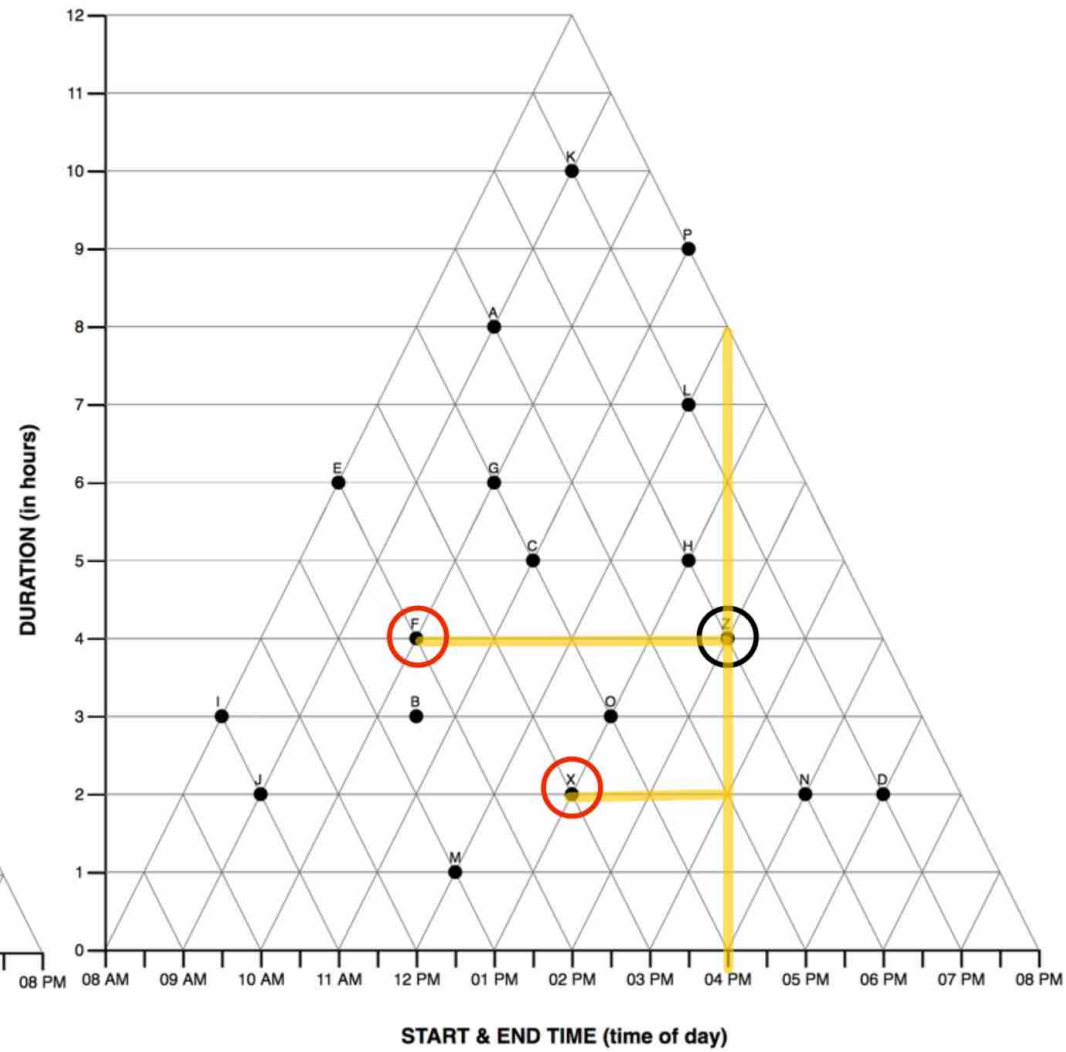
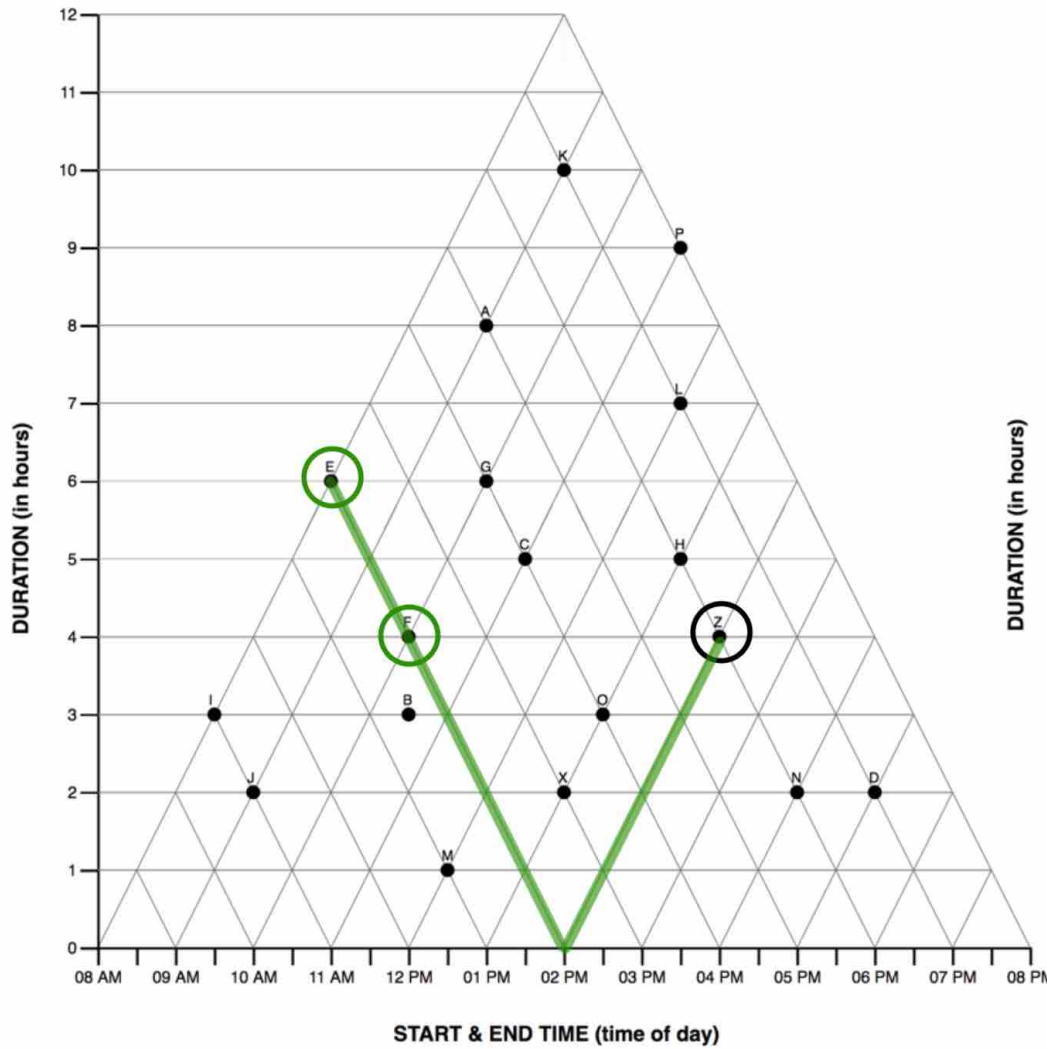
X, O

(duration & starts)



F, B

Which 2 shifts less than 5 hours long start at the same time?

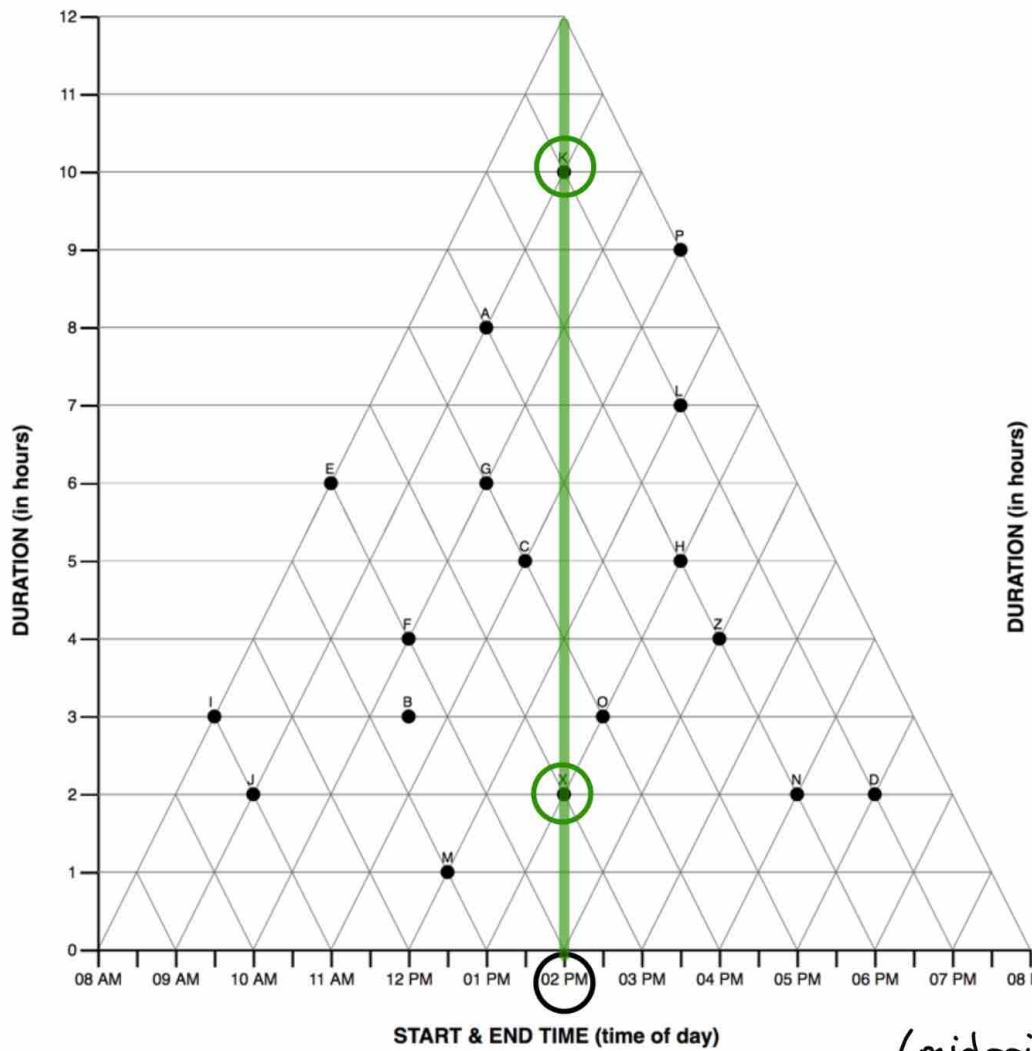


(meets)

F, E

Which 2 shifts end when Z begins?

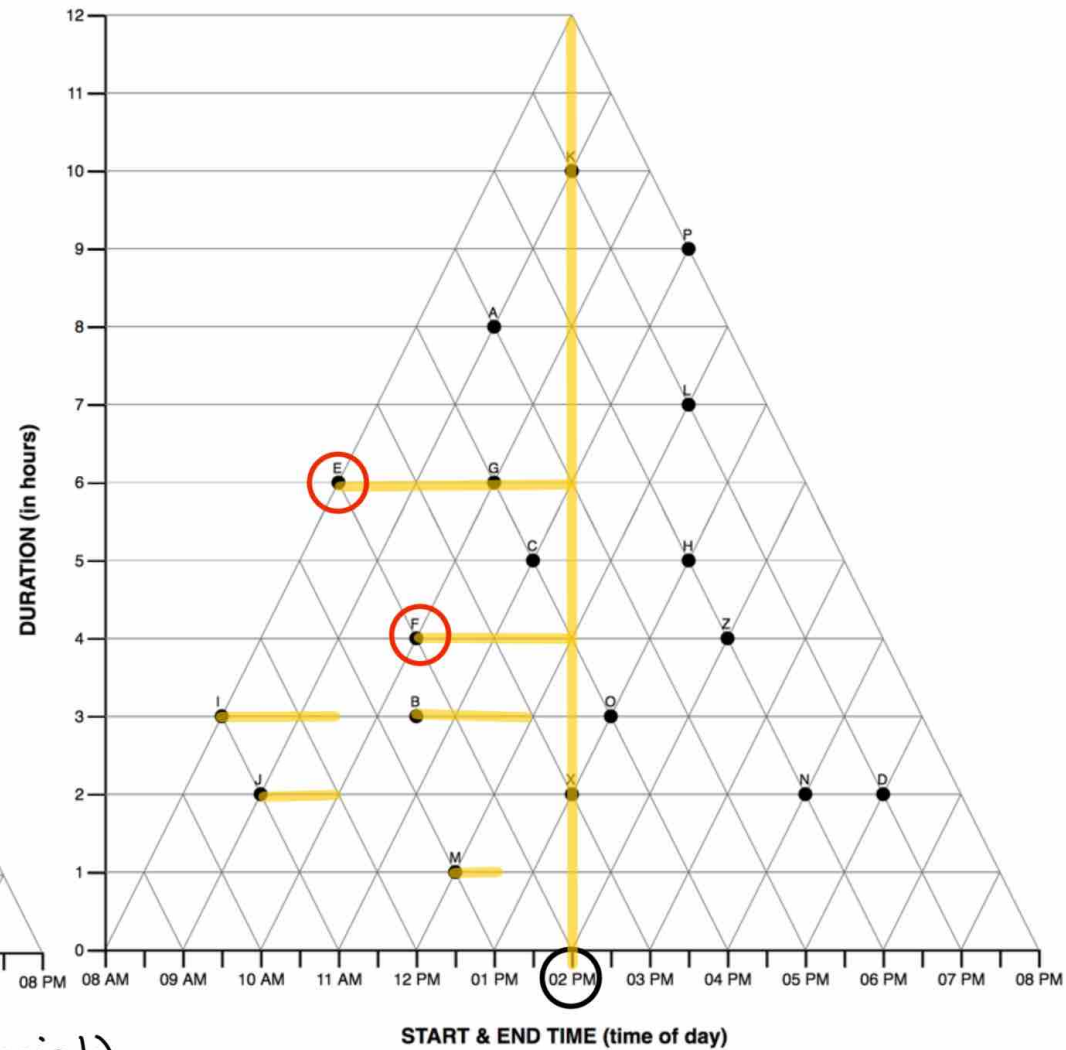
F, X



(midpoint)

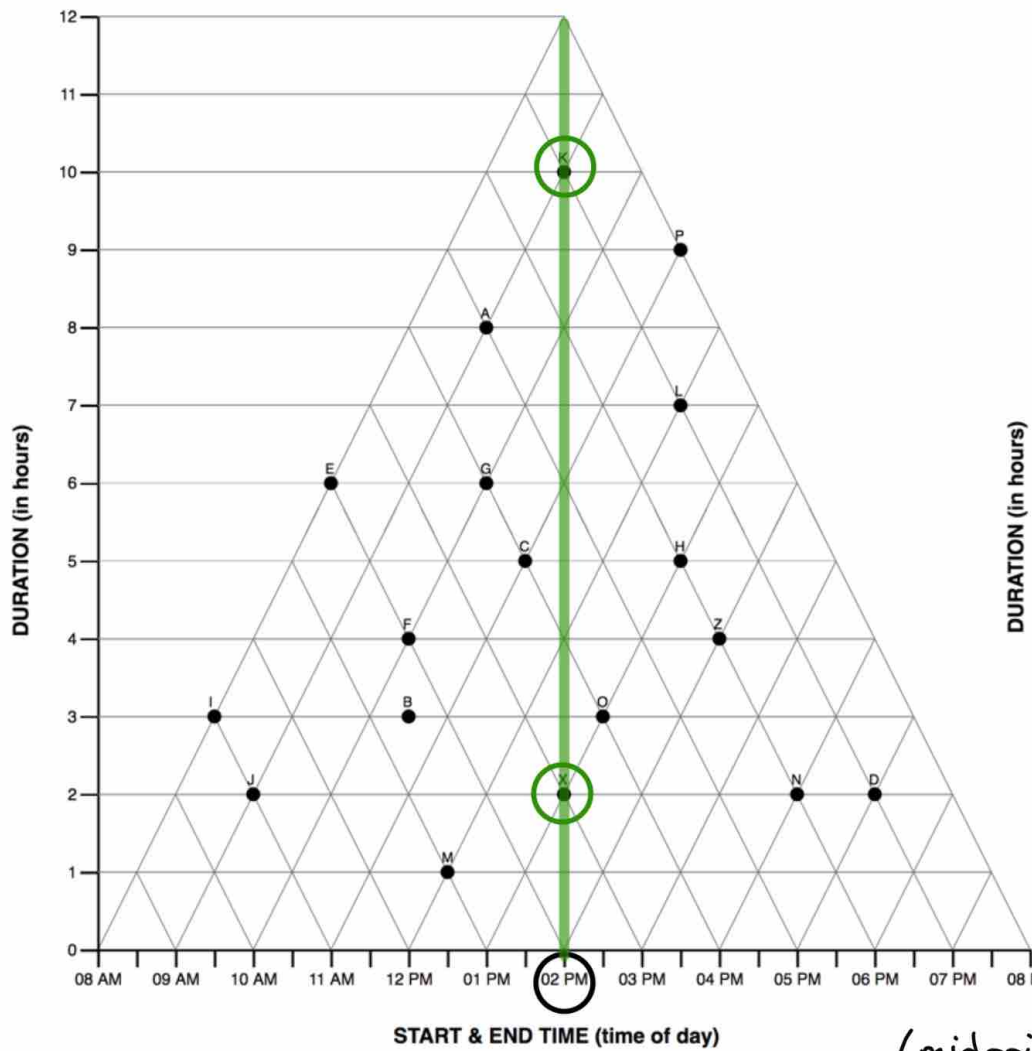
X, F

Coffee breaks happen halfway through a shift.  
Which 2 shifts share a break at 2pm?



E, F

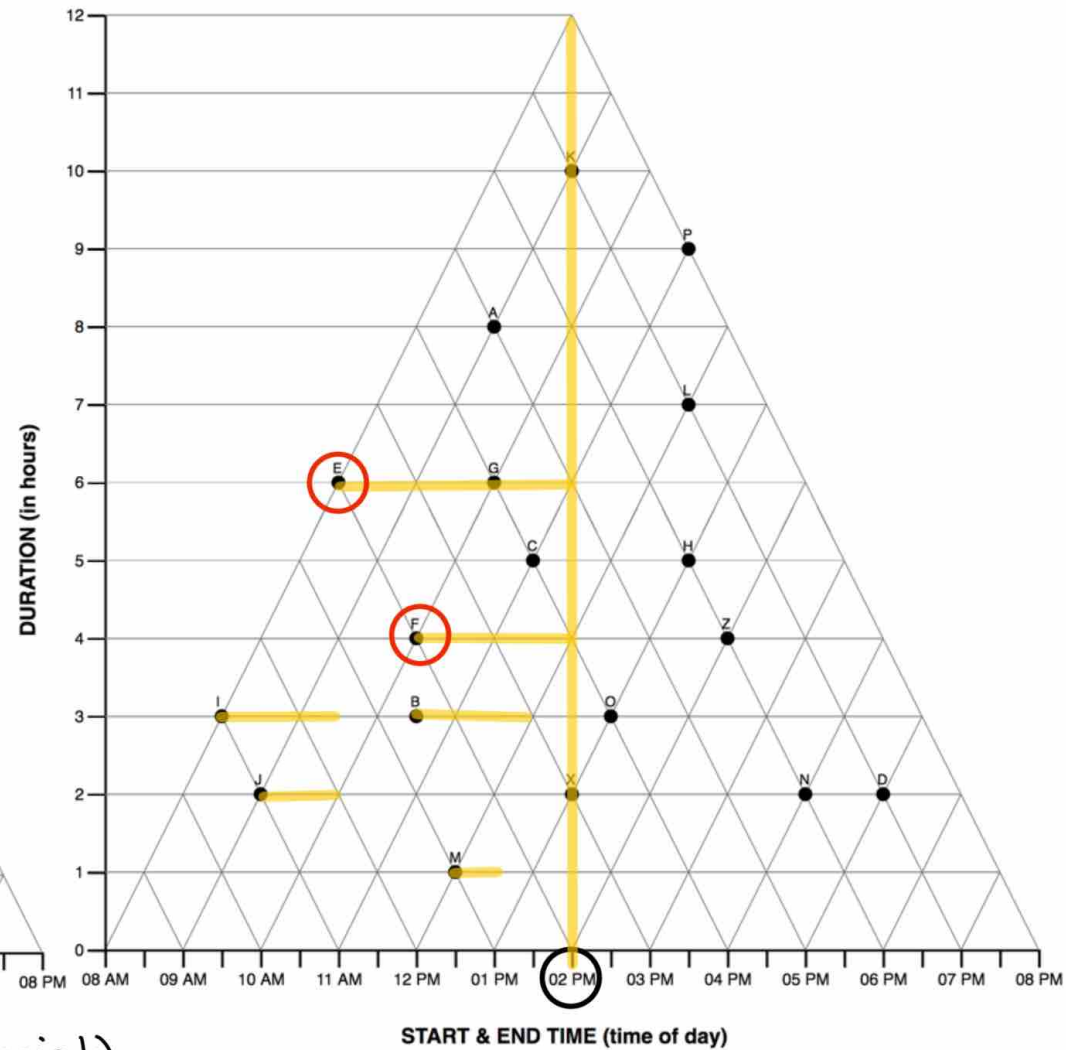
B



(midpoint)

X, F

Coffee breaks happen halfway through a shift.  
Which 2 shifts share a break at 2pm?



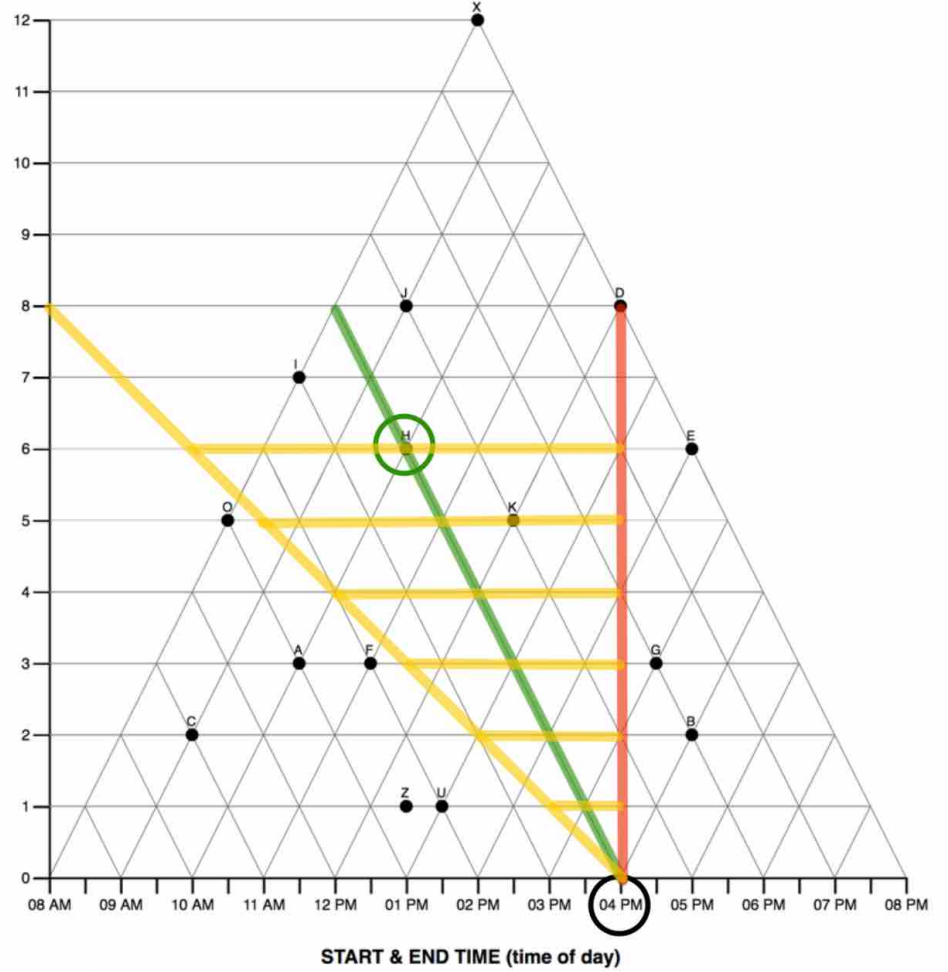
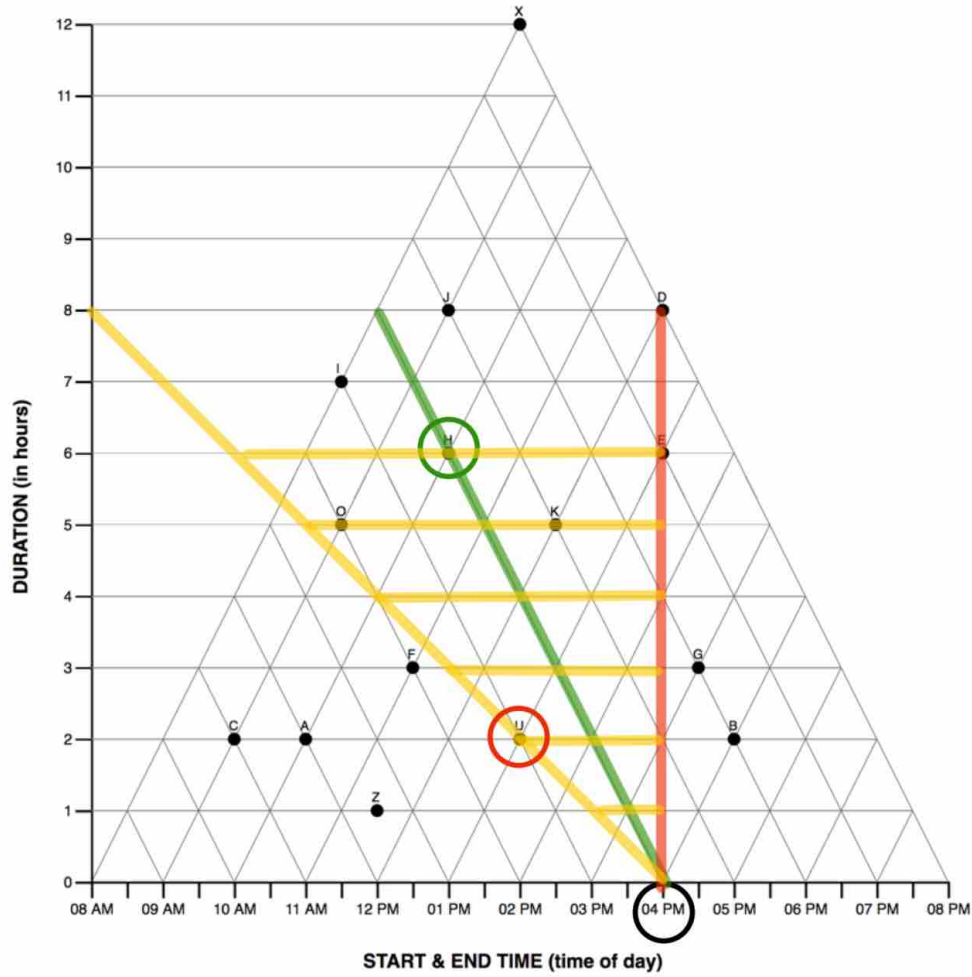
E, F

B



{ Control }

{ Impasse }



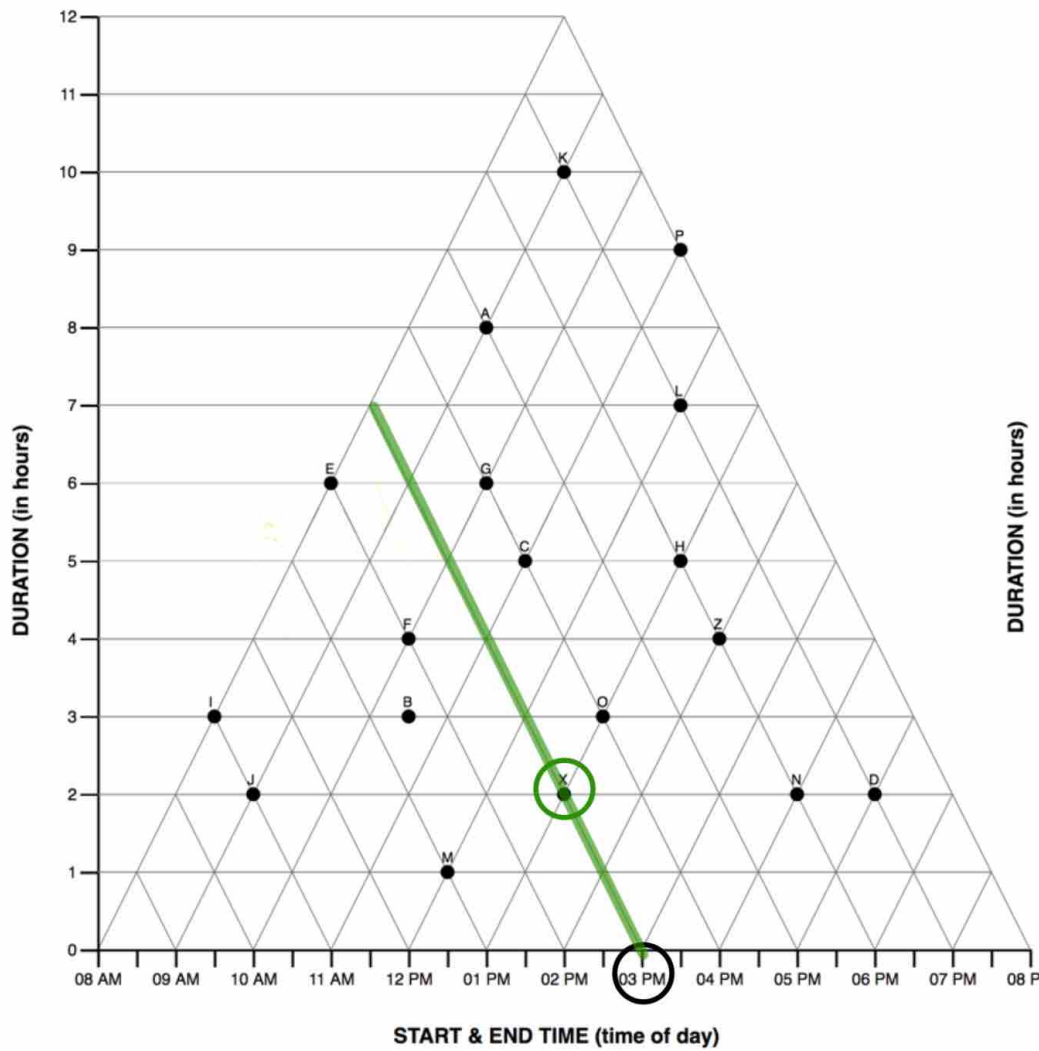
(end-time)

H U

Which shift(s) end at 4 pm?

H

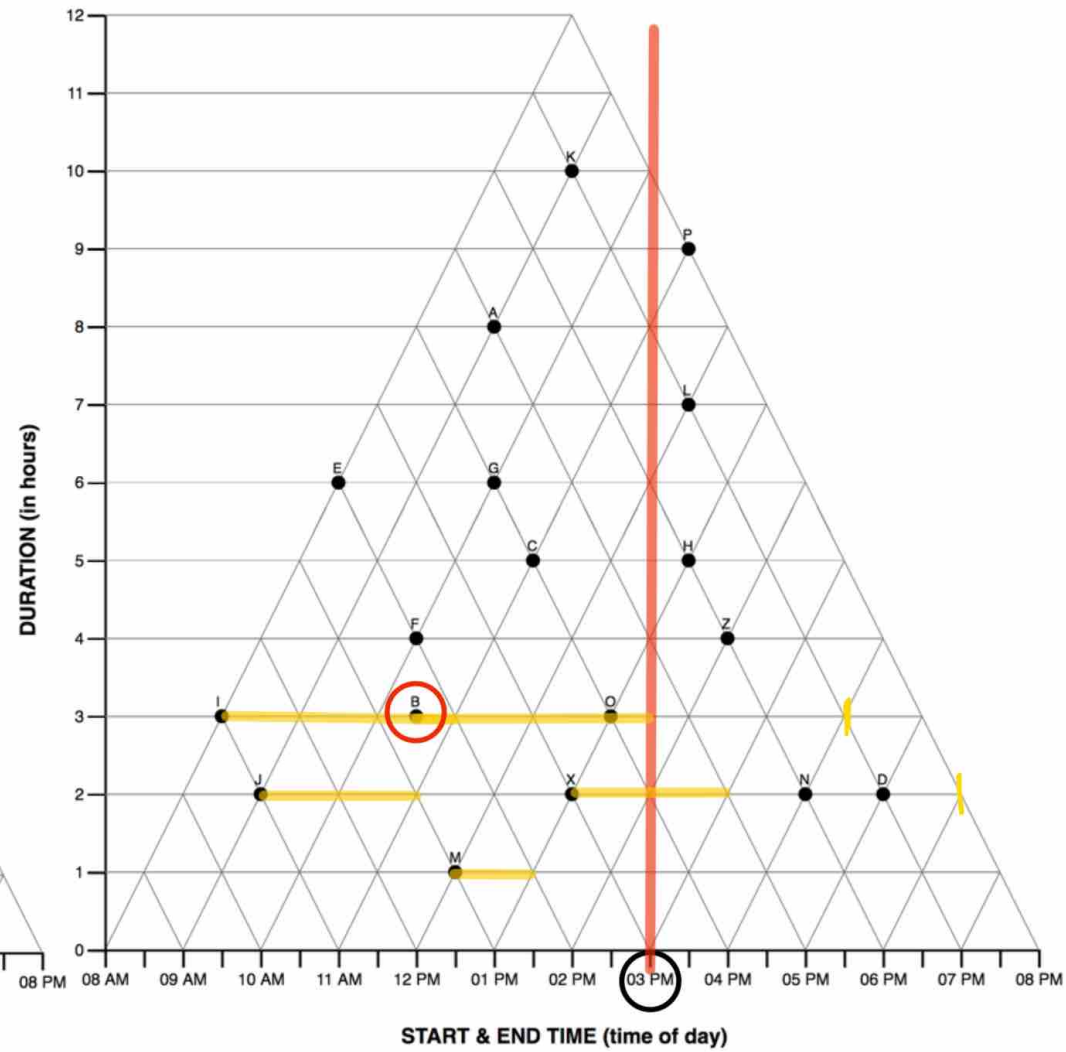




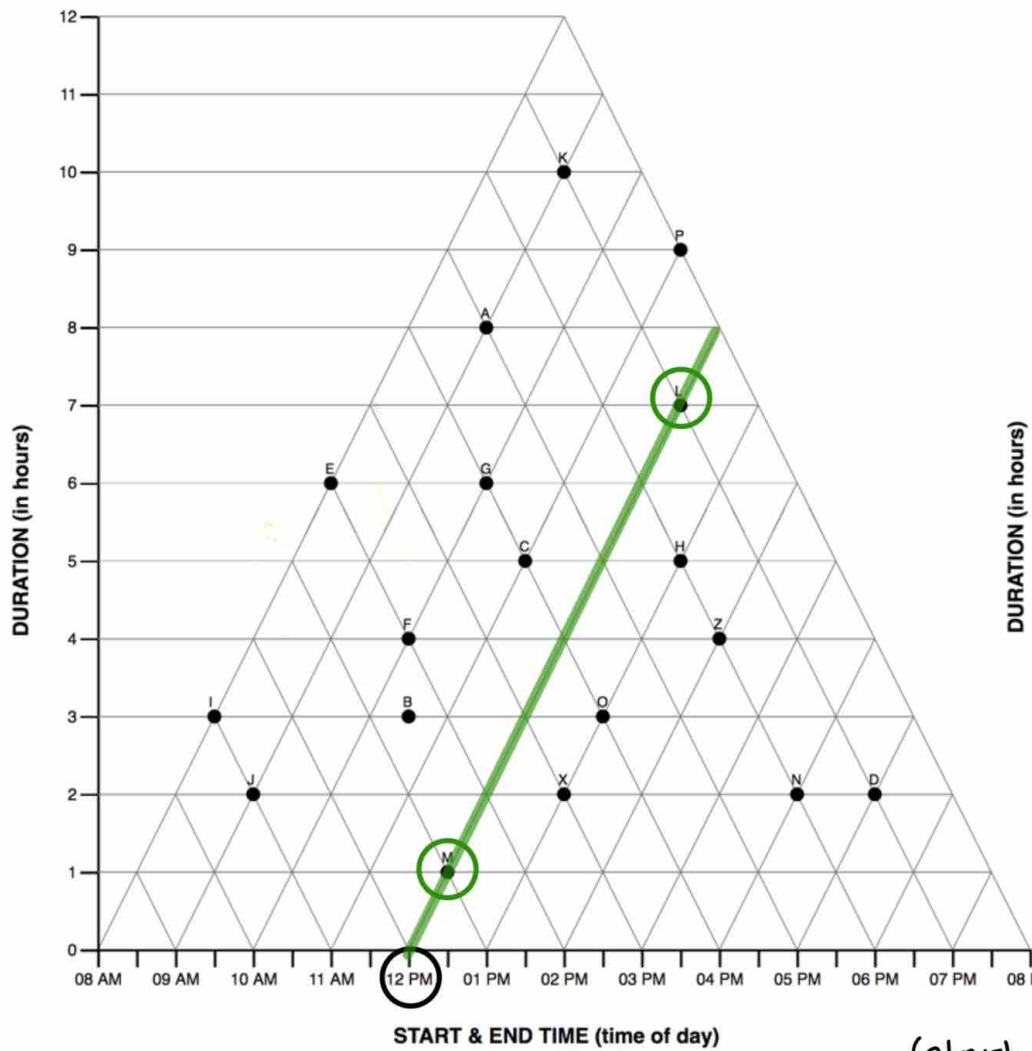
X

(end-time)

Which shift ends at 3pm?



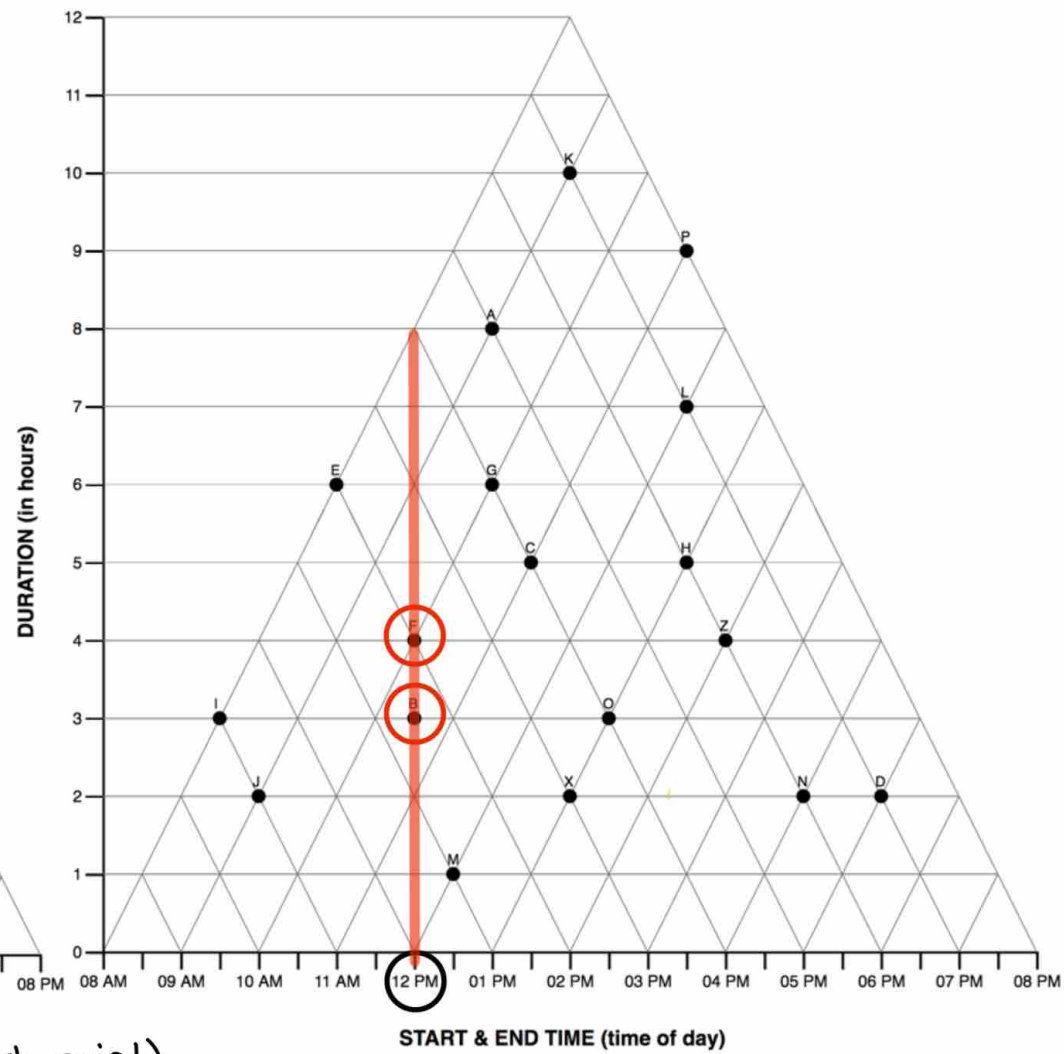
B



M, L

(start-point)

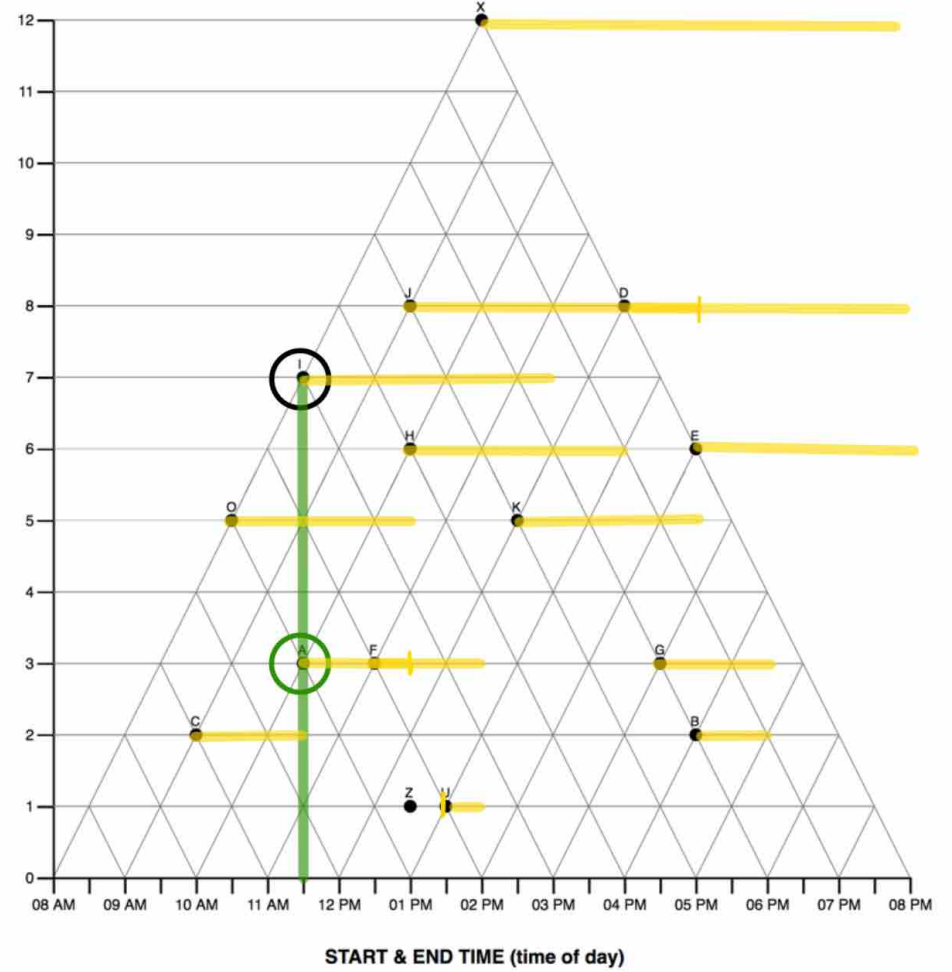
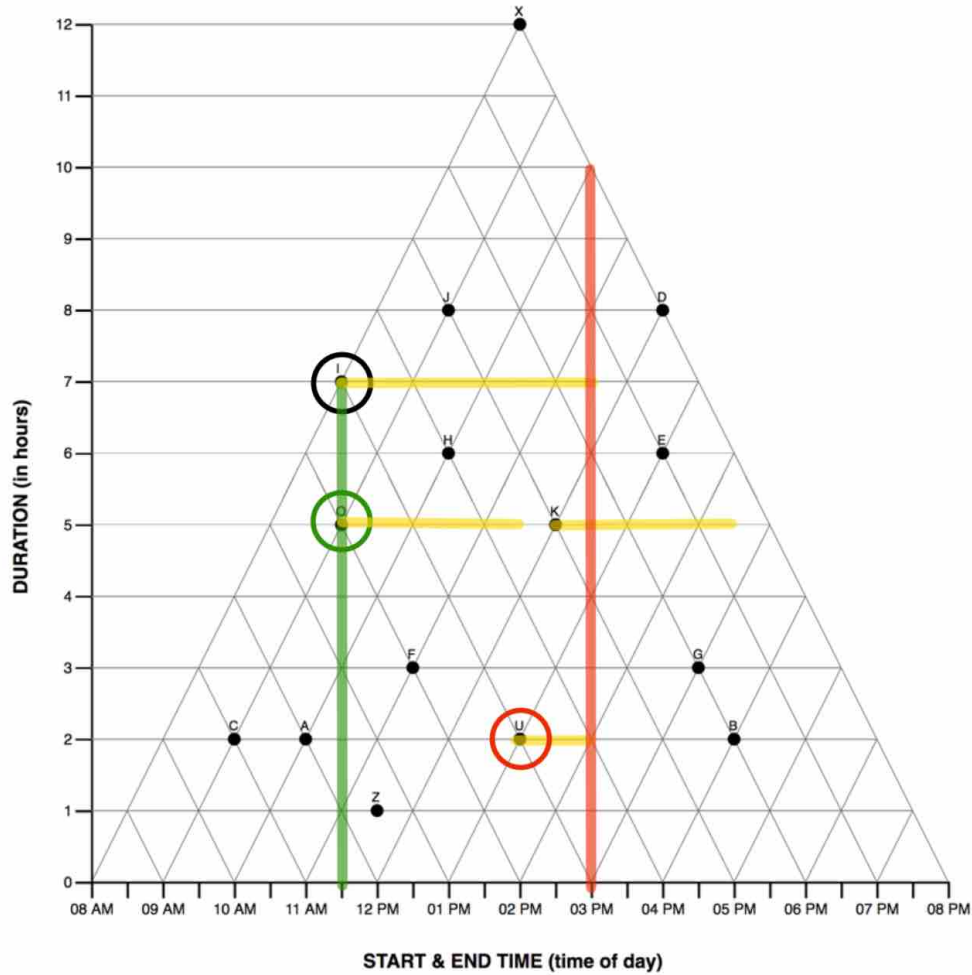
Which shift starts at 12pm?



F, B

{ Control }

{ Impasse }



(midpoint)

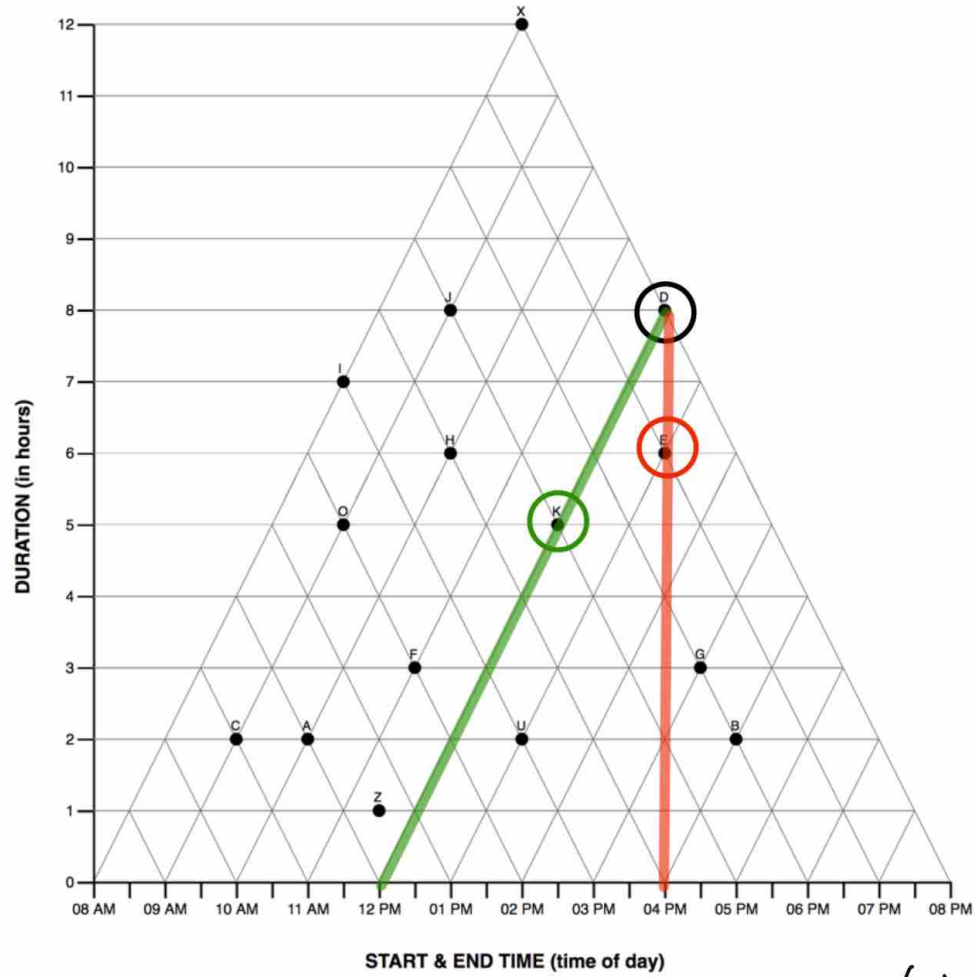
I, O

I, U

Which shifts share a midpoint with I?

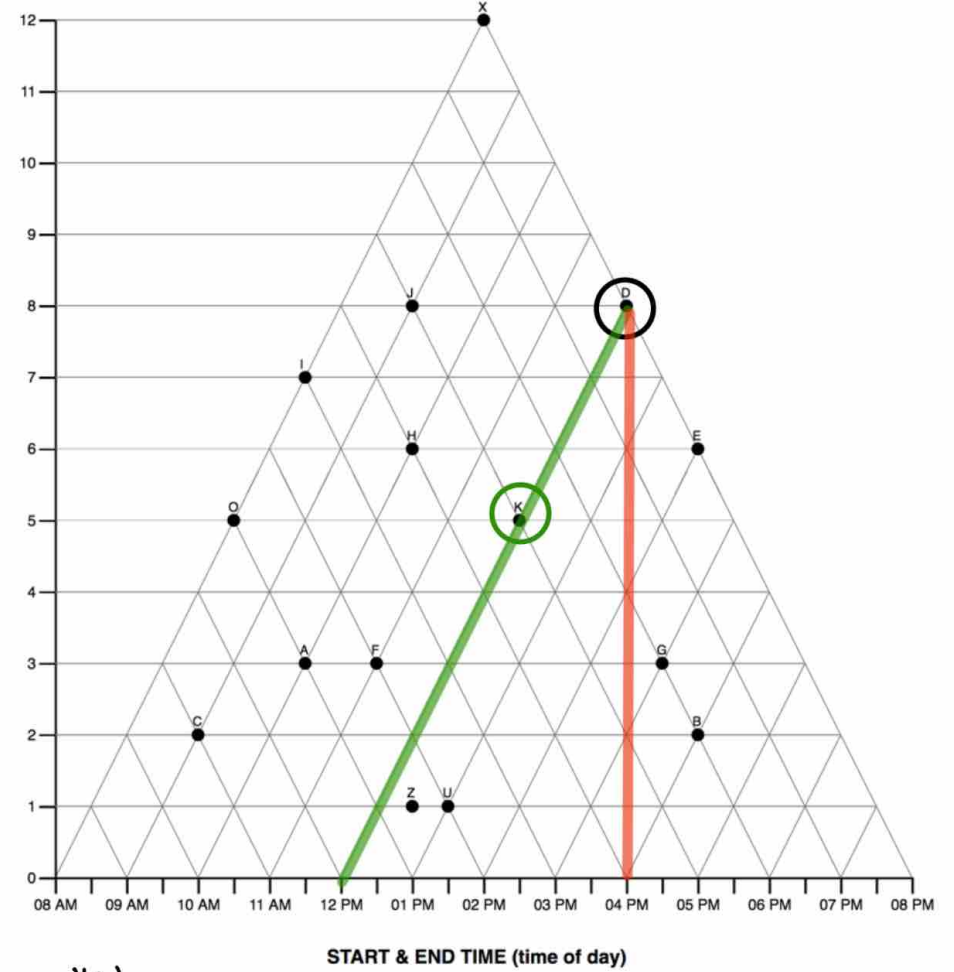
I, A

{ Control }



K E

{ Impasse }



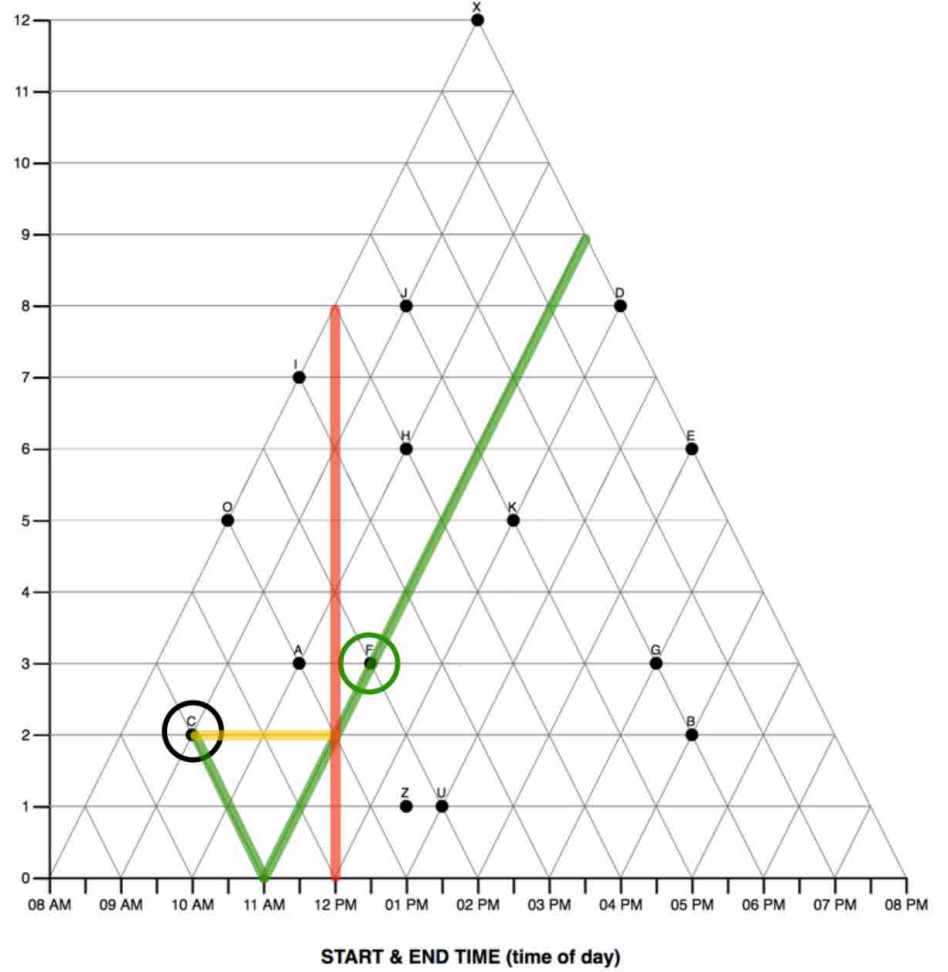
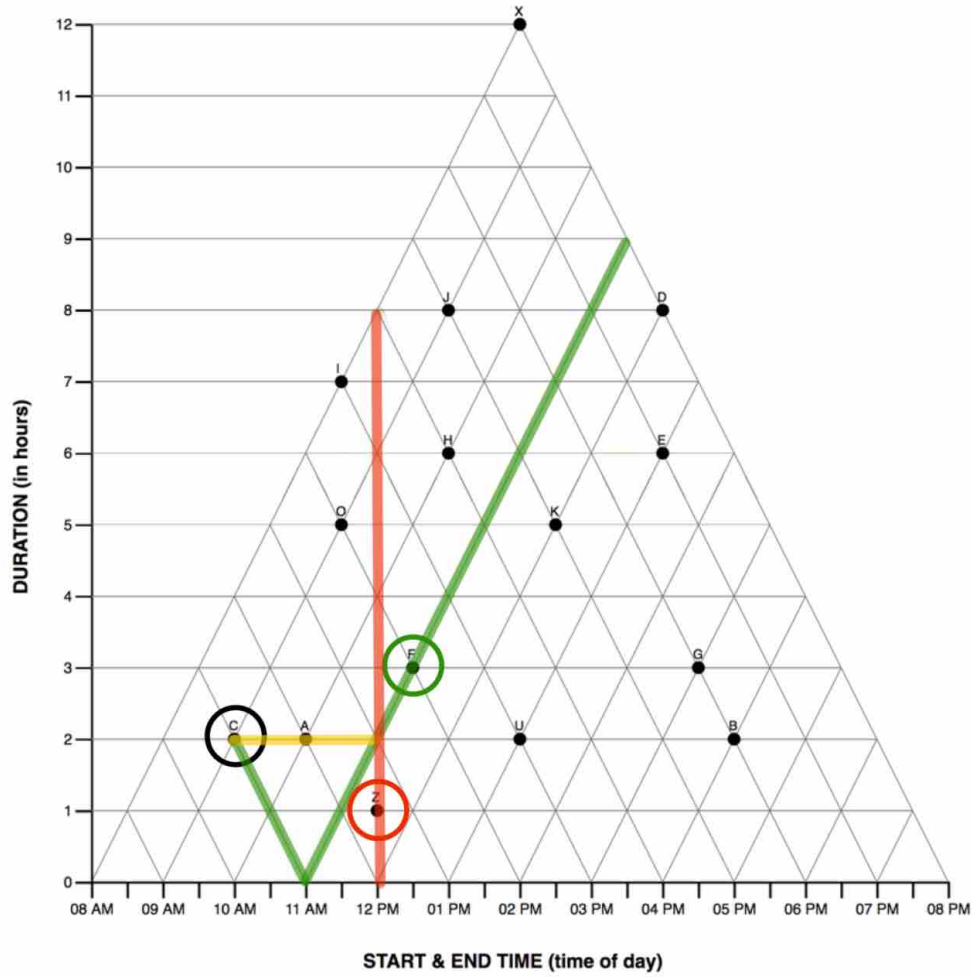
K

(starts-with)

Which shift(s) start with D?

{ Control }

{ Impasse }



(meets)

F Z

What shift(s) begin when C ends?

F