Ladies' pleated slacks after Harry Simons, Drafting Trousers (1945)

Print at 100 % ("actual size"). Check the 10 cm square. 6 rows x 6 columns: trim, lay out by row/column, tape.

Sizes, his Women's Trouser Proportions (p.115): W28 71 cm/94 cm, W29 74 cm/99 cm, W30 76 cm/104 cm,
W32 81 cm/109 cm, W35 89 cm/114 cm, W36 91 cm/121 cm (waist / hips). Inside leg from his table.

Seams, ease and the 2 1/4 in. (6 cm) waistband are on the pattern (p.114, Diagram 39). Hem 4 cm on (ours).

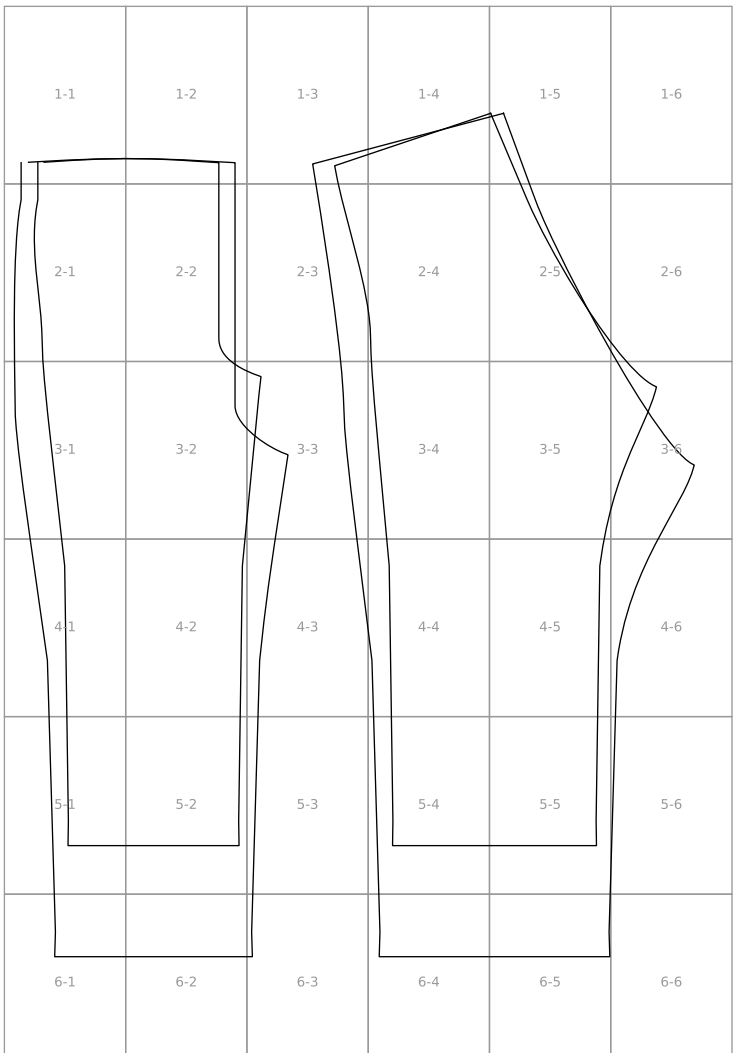
Front: fold the two pleats toward the side seam, tapering to nothing at the points; back: sew the vee.

Waistband facing (p.119): 2 strips 7 cm wide, half your waist + 7.5 cm long (his 15 + 2 in. at waist 28).

Cloth, 150 cm wide (ours): W28 1.6 m, W29 2.3 m, W30 2.4 m, W32 2.4 m, W35 2.5 m, W36 2.5 m.

Ours, not Simons's: curve shapes, the knee and bottom grading (his 22/21 in. at hips 38), hem, layout; the back waist point swung about point 3 (his length kept) until the side seams are equal - it lands on his top line.

His printed "hip 30" is read as 38: his own numbers ("1/8 of 19") need it.



row 1 - column 1

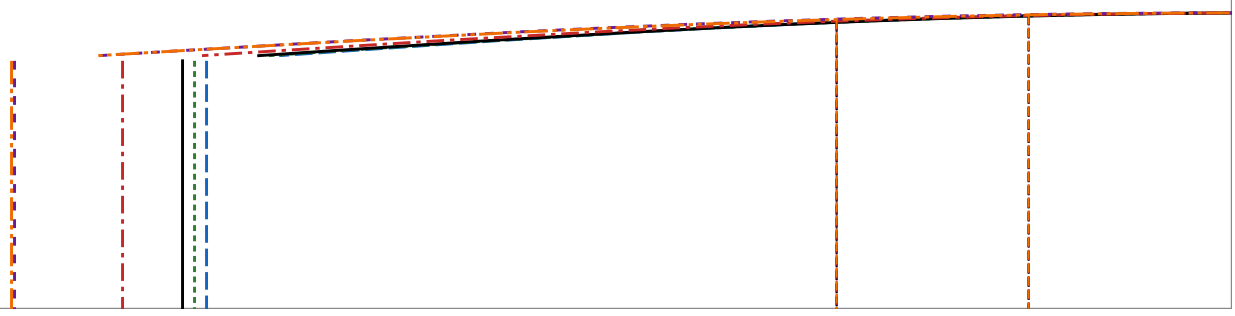
10 cm
test square
measure it

LADIES' PLEATED SLACKS after SIMON

W28: waist 71 cm, hips 94 cm

W32: waist 81 cm, hips 109 cm

Dashed lines from the waist = pleat folds (Diagram 40)



row 1 - column 2

after SIMONS (1945), his six women's sizes nested. Cut on your size line.

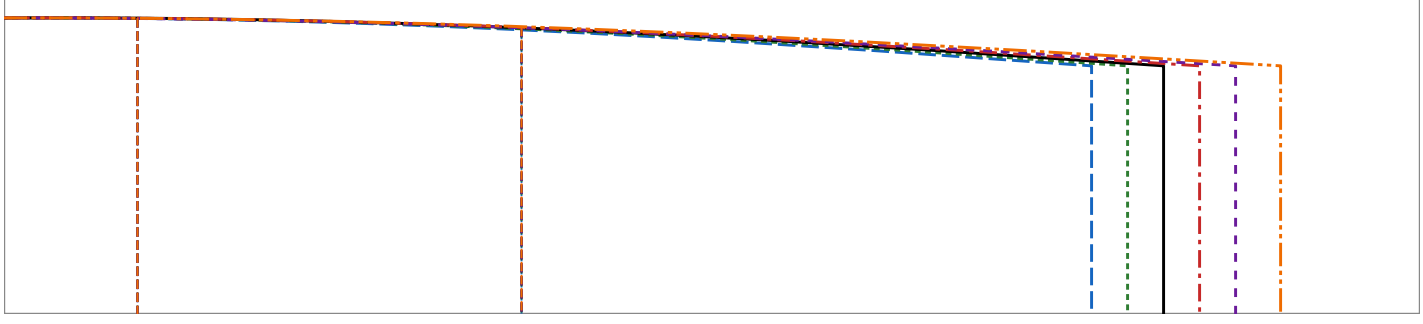
n, hips 94 cm

W29: waist 74 cm, hips 99 cm

n, hips 109 cm

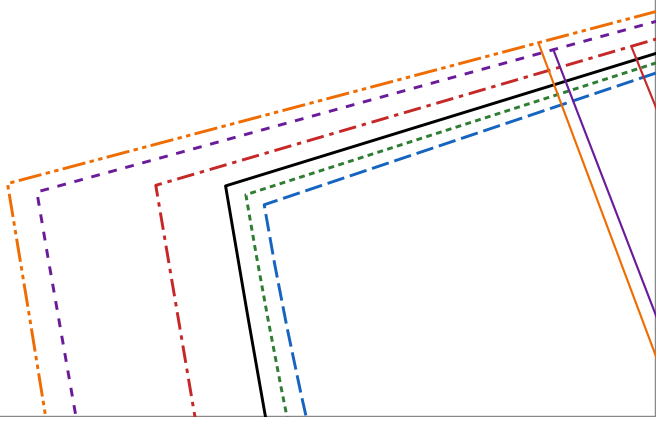
W35: waist 89 cm, hips 114 cm

folds (Diagram 40). V on the back = vee. Bar = notch (knee). Dotted = hem fold.

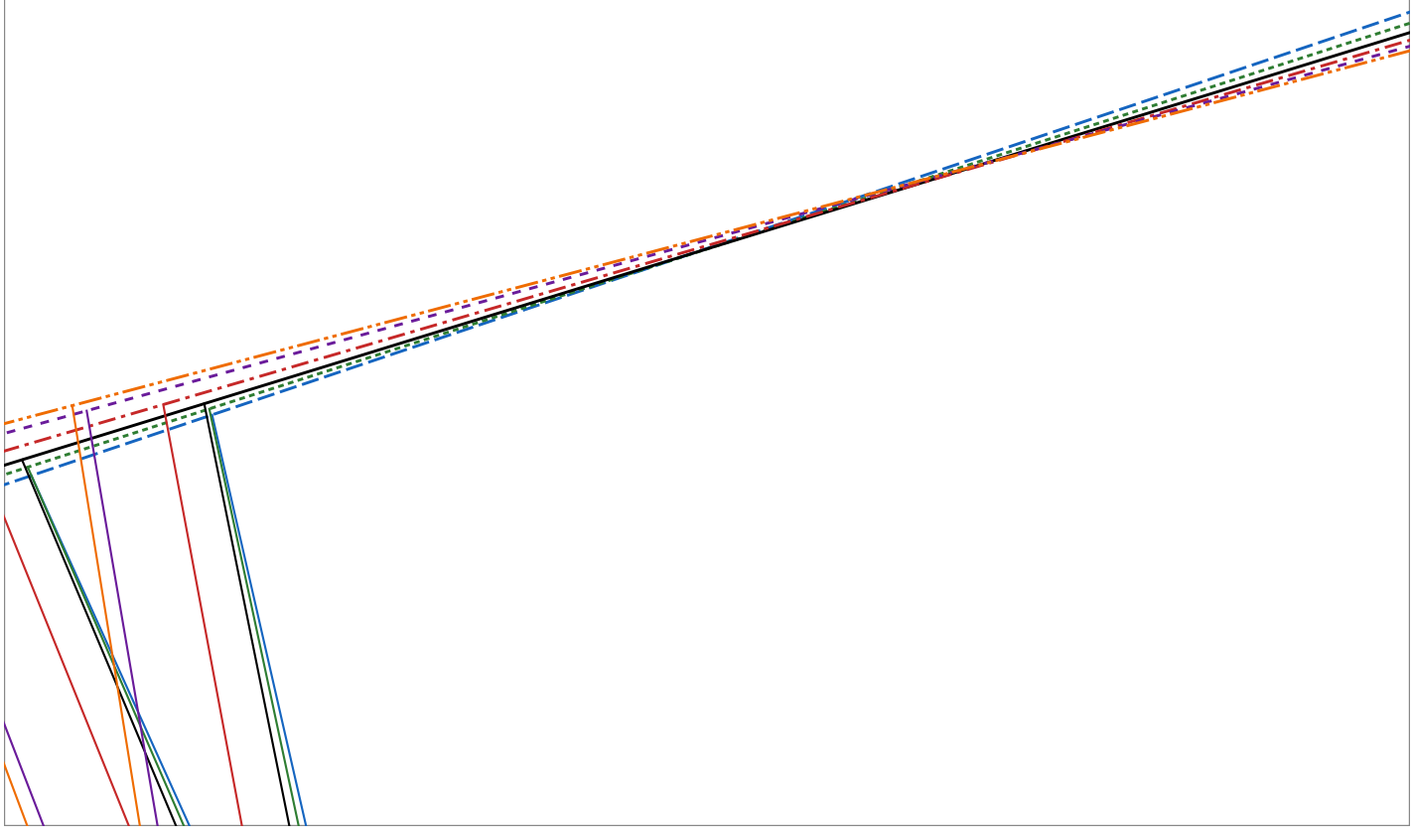


W30: waist 76 cm, hips 104 cm

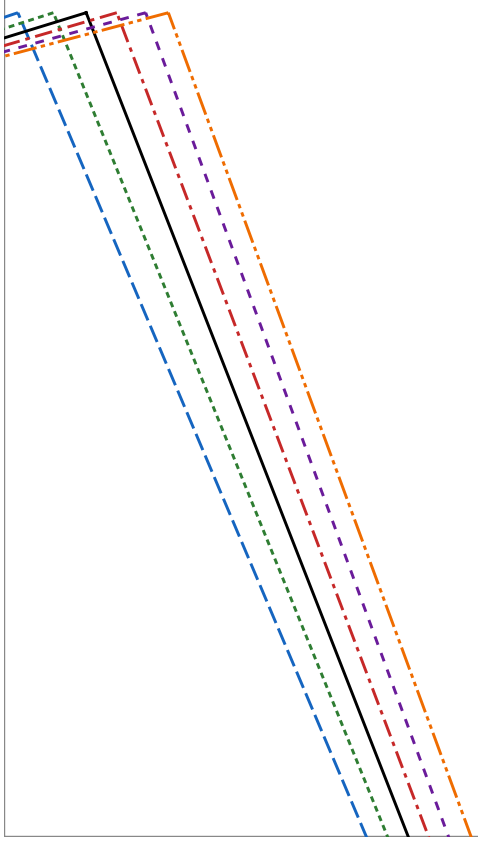
W36: waist 91 cm, hips 121 cm



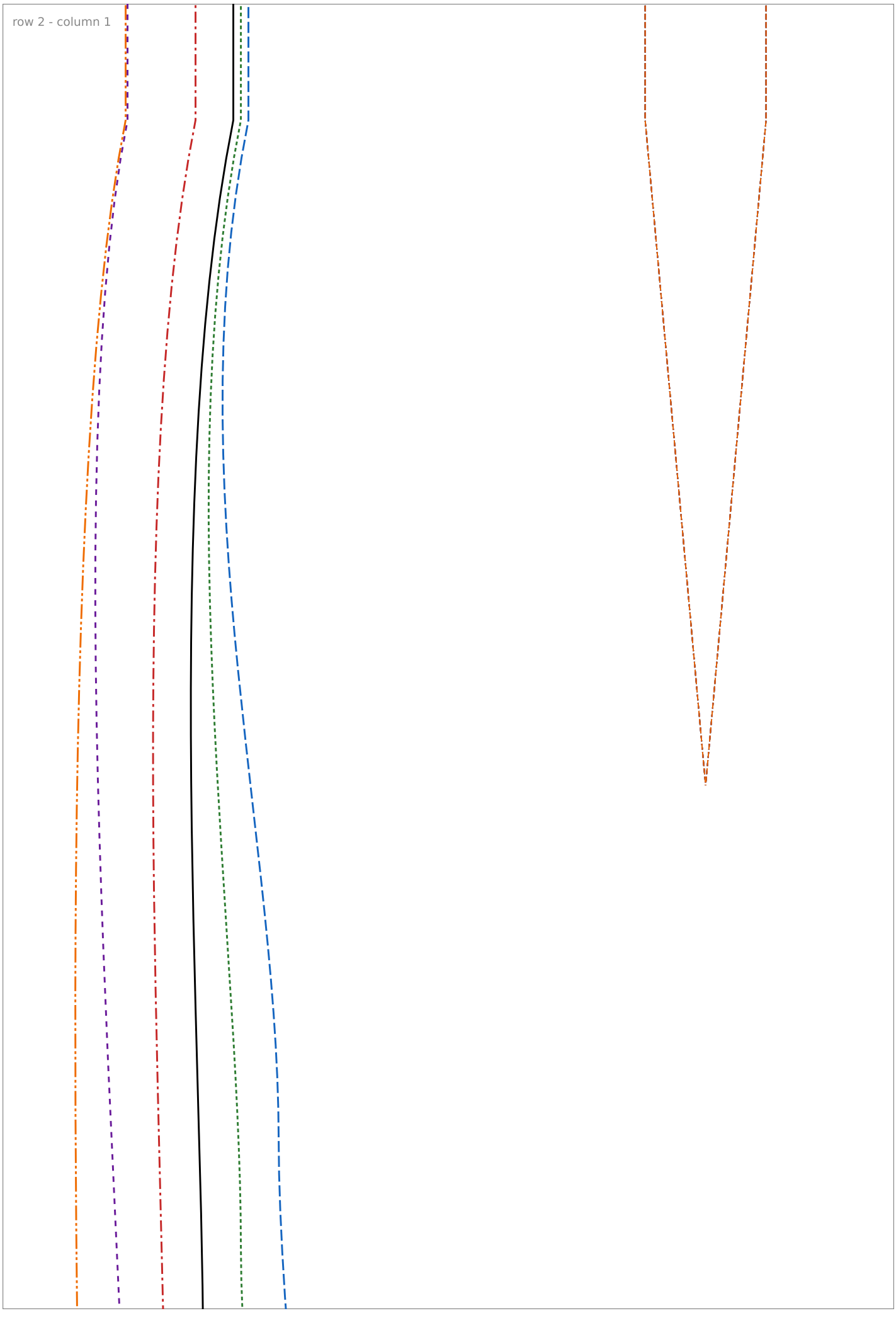
row 1 - column 4

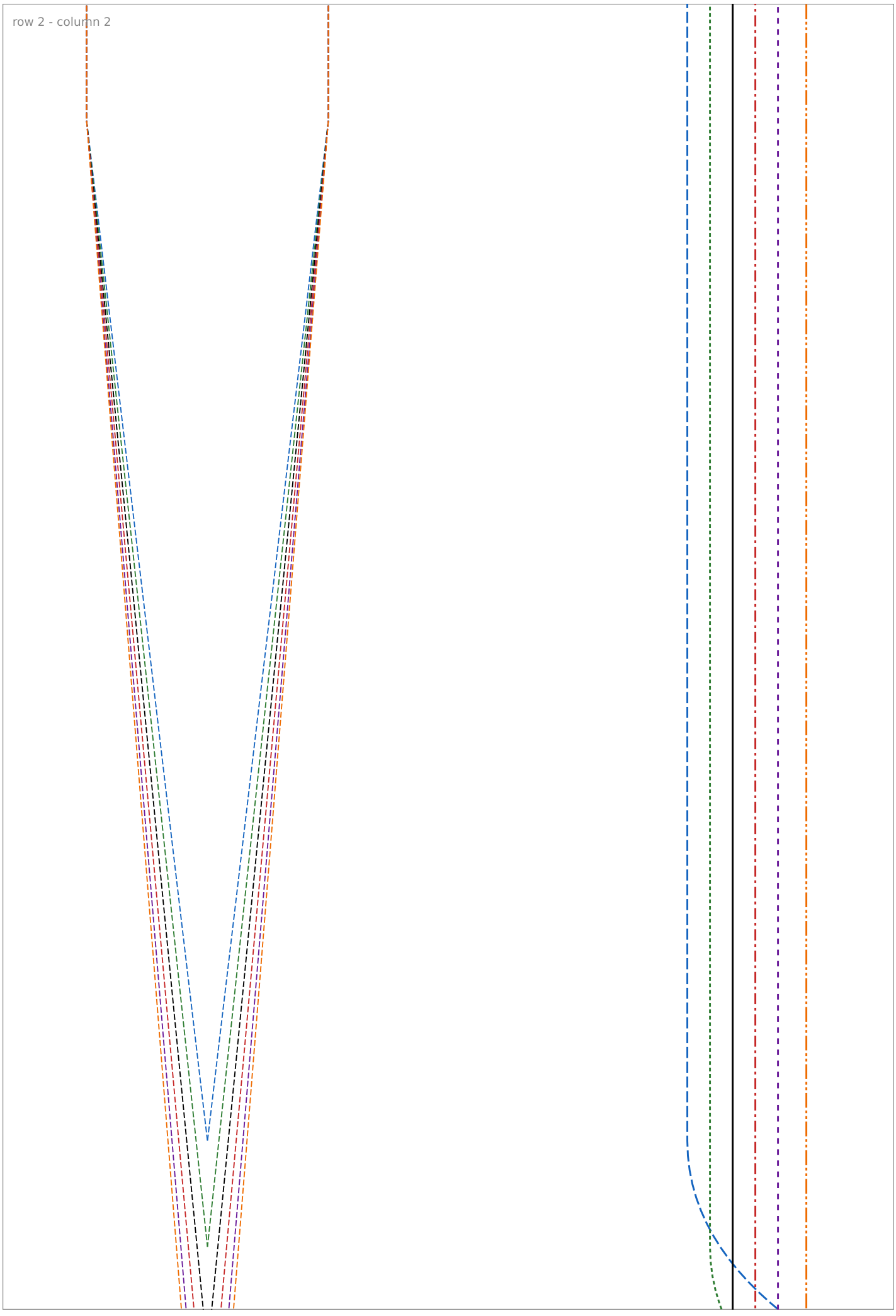


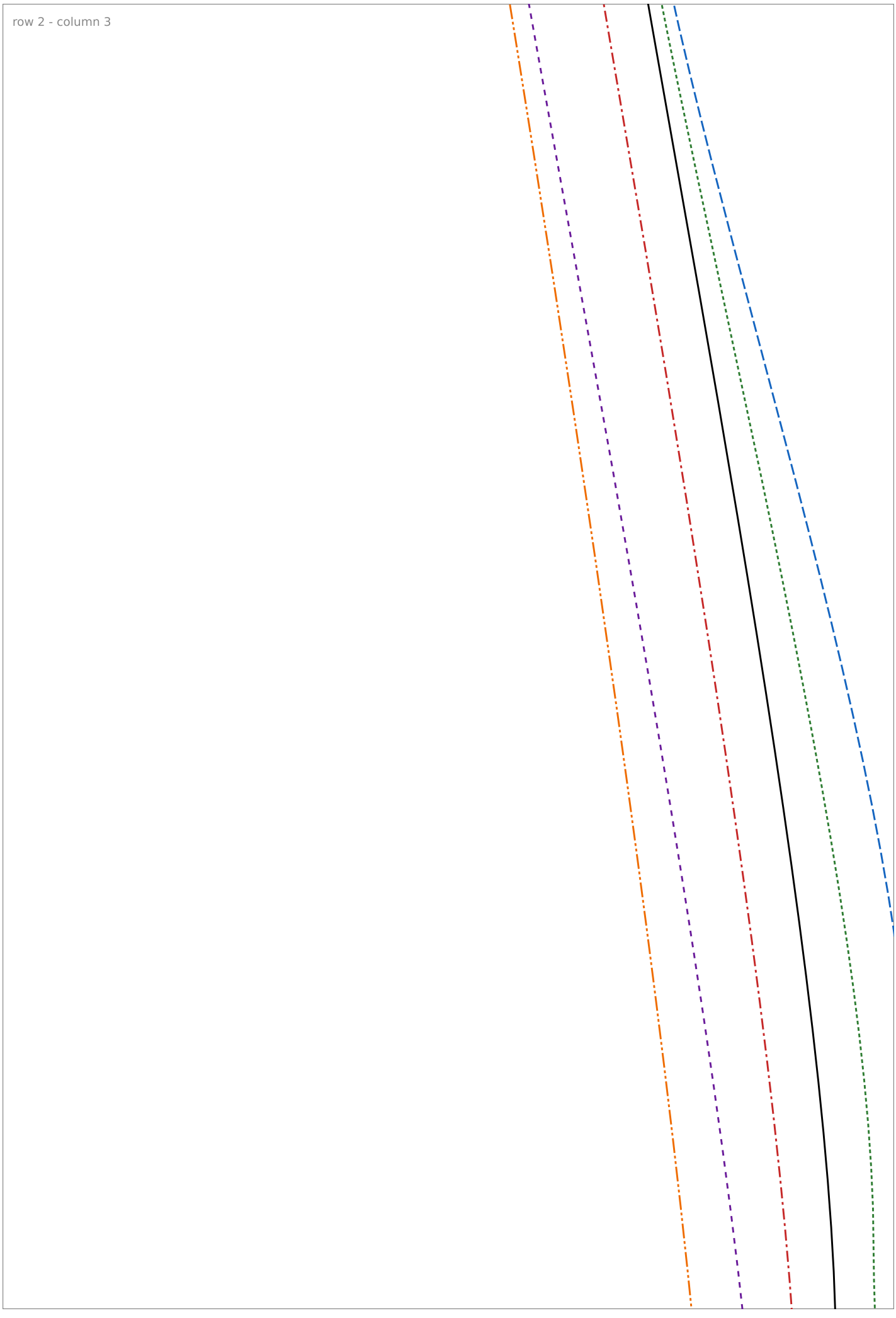
row 1 - column 5

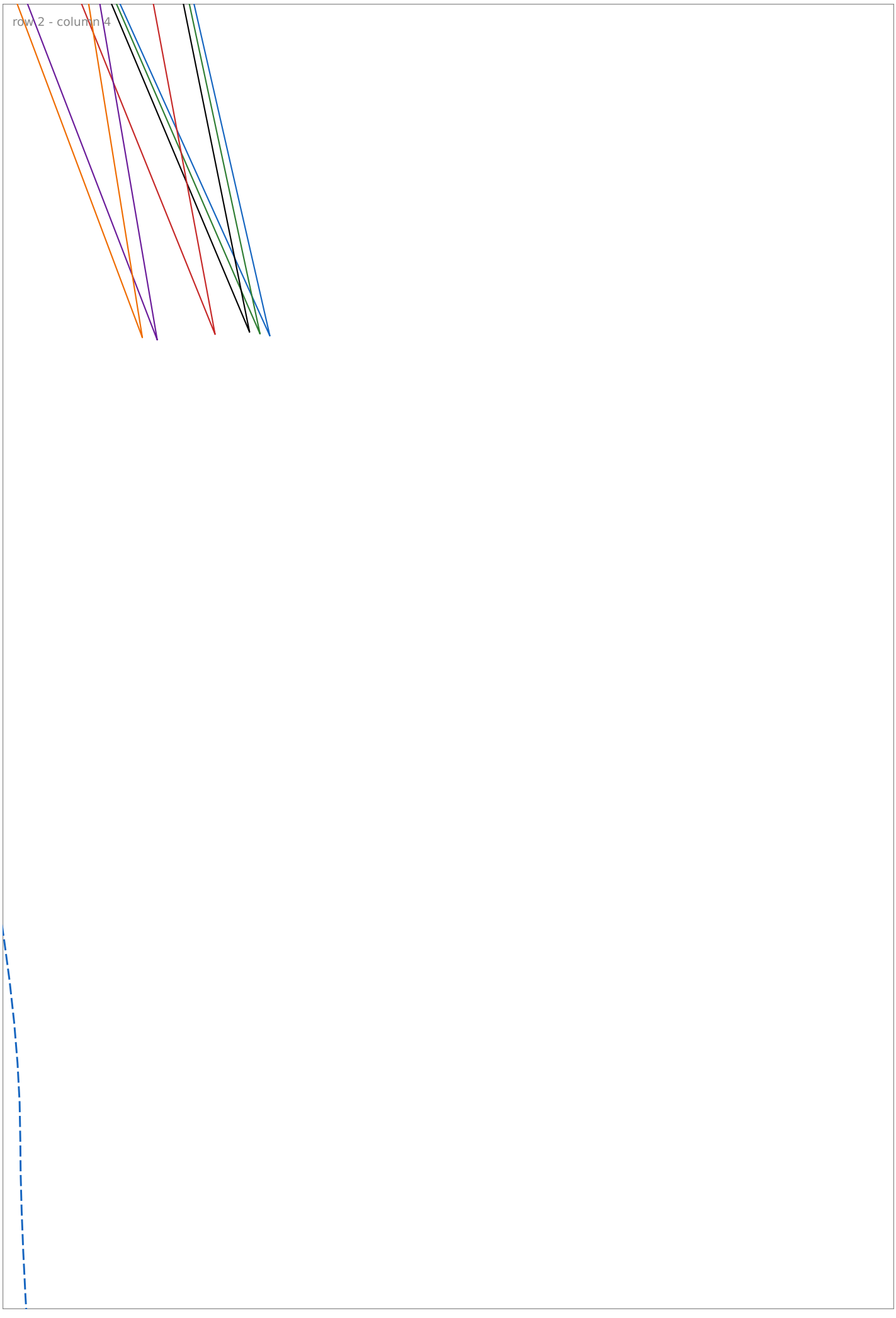


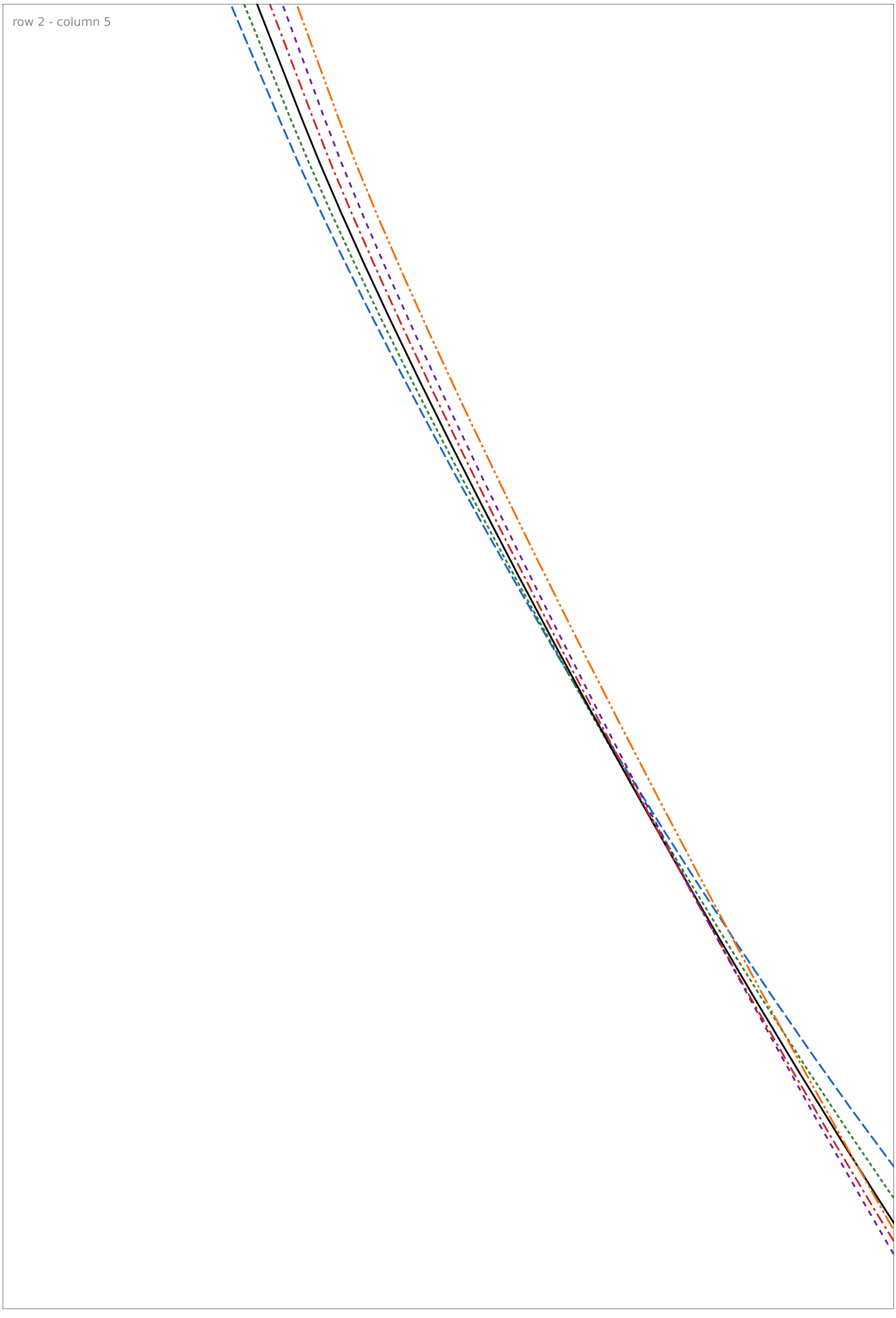
row 1 - column 6


row 2 - column 1

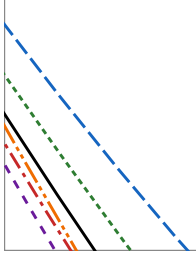

row 2 - column 2

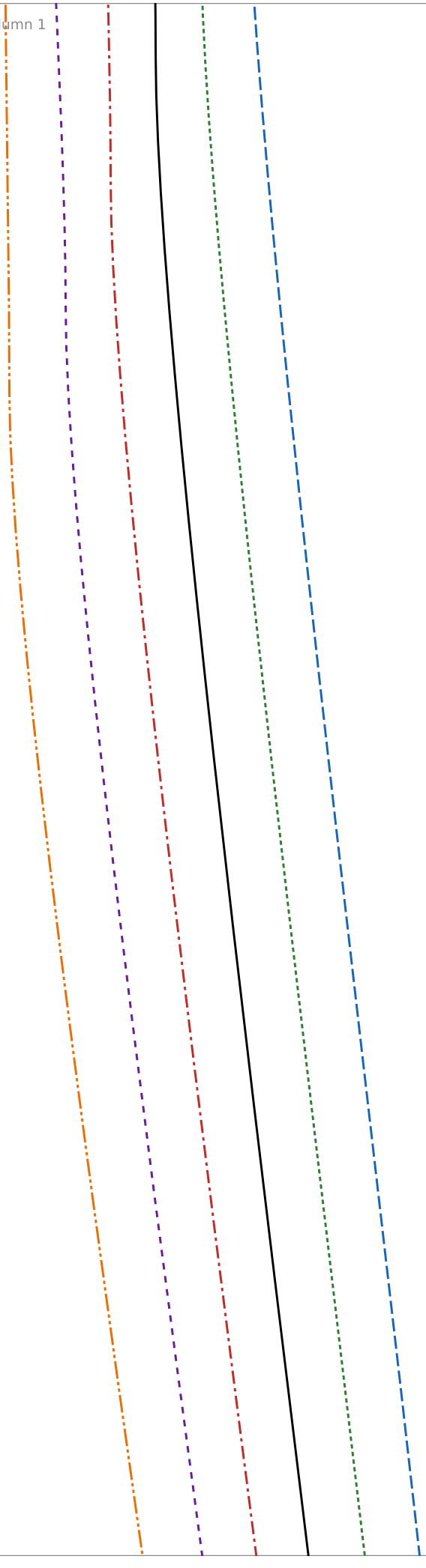

row 2 - column 3


row 2 - column 4


row 2 - column 5

row 2 - column 6



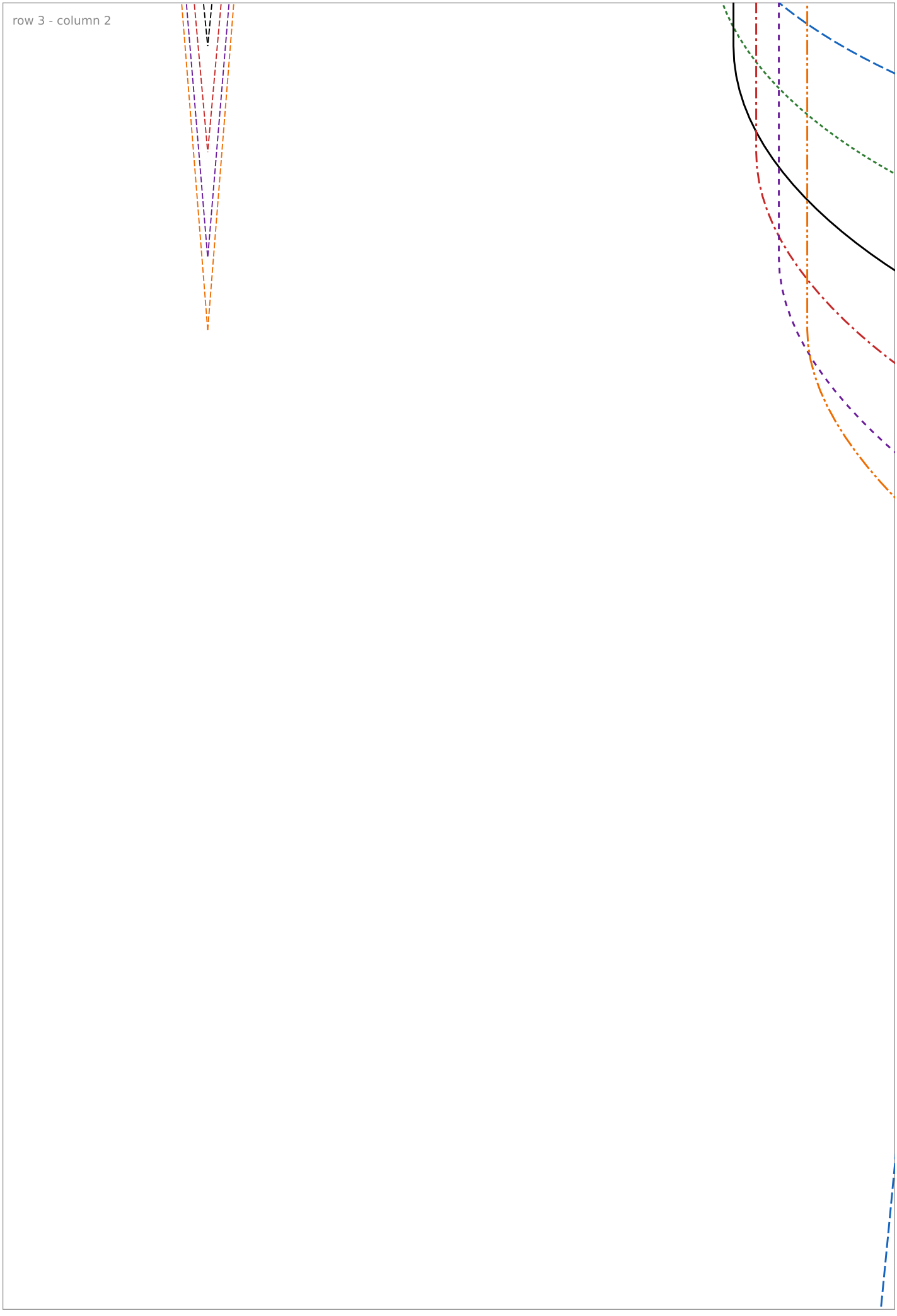


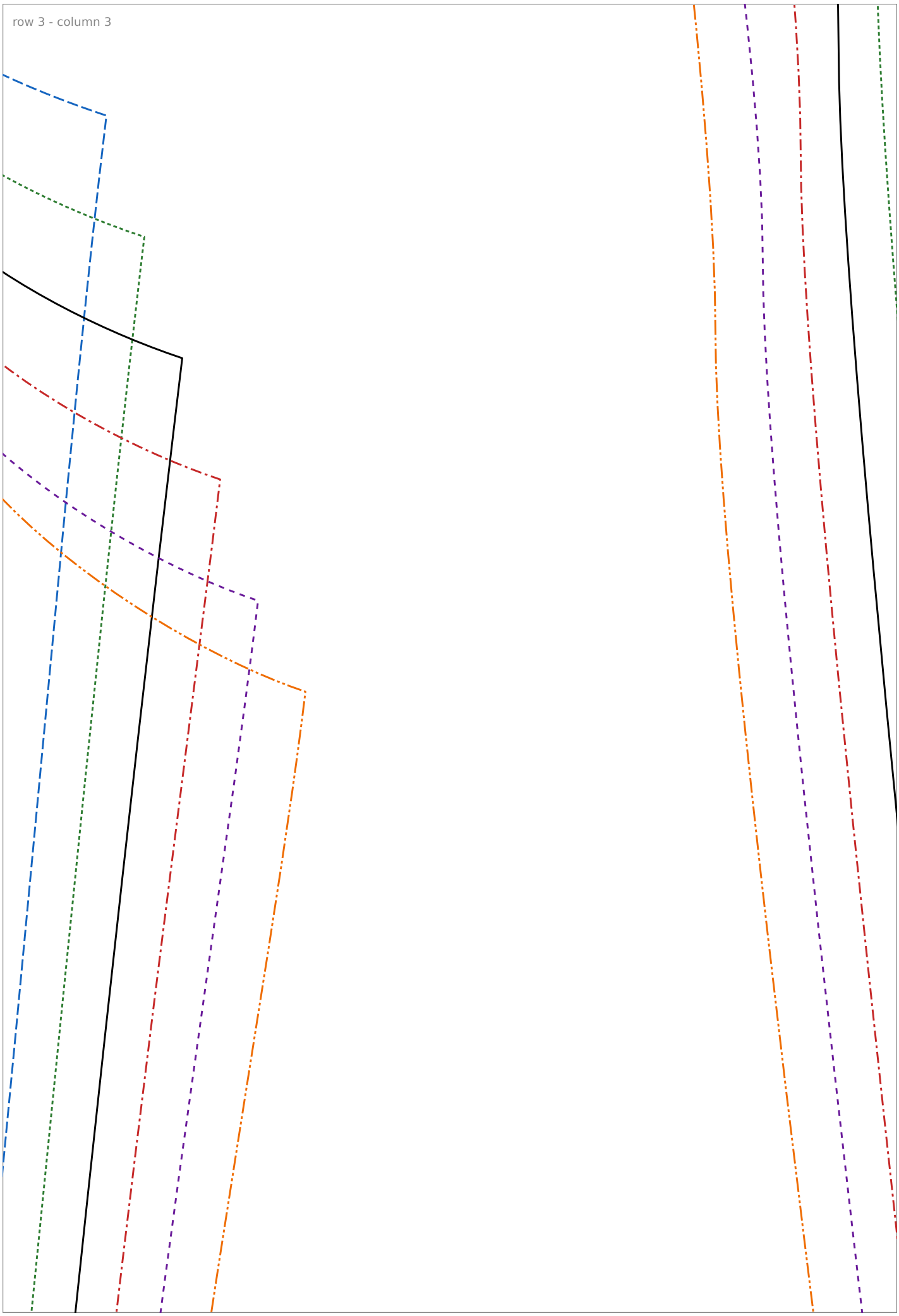
1 FRONT

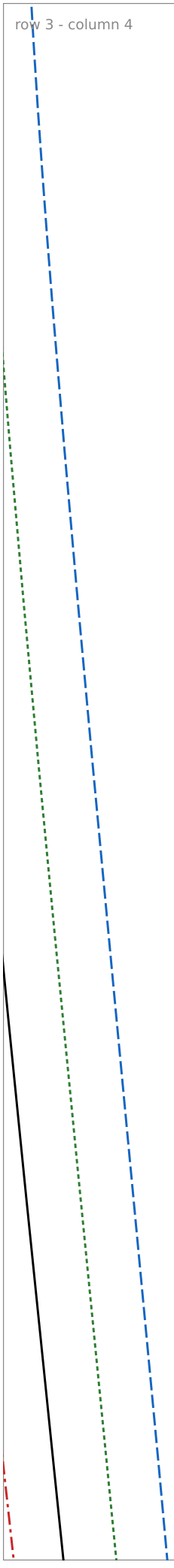
cut 2 (a pair); two pleats

seams and ease on (Simons p.114)

waistband cut on; hem 4 cm on


row 3 - column 2


row 3 - column 3



2 BACK

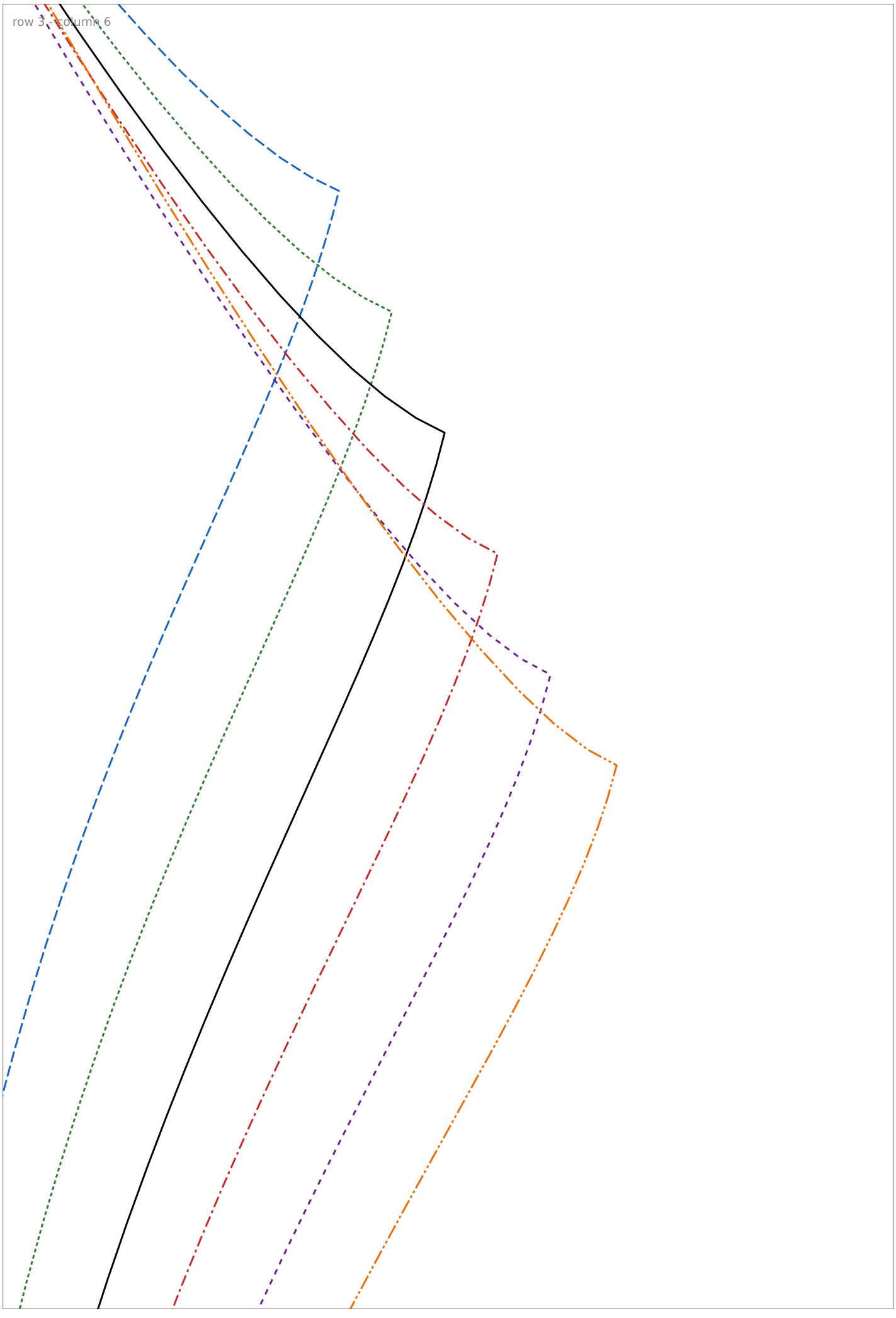
cut 2 (a pair); one vee

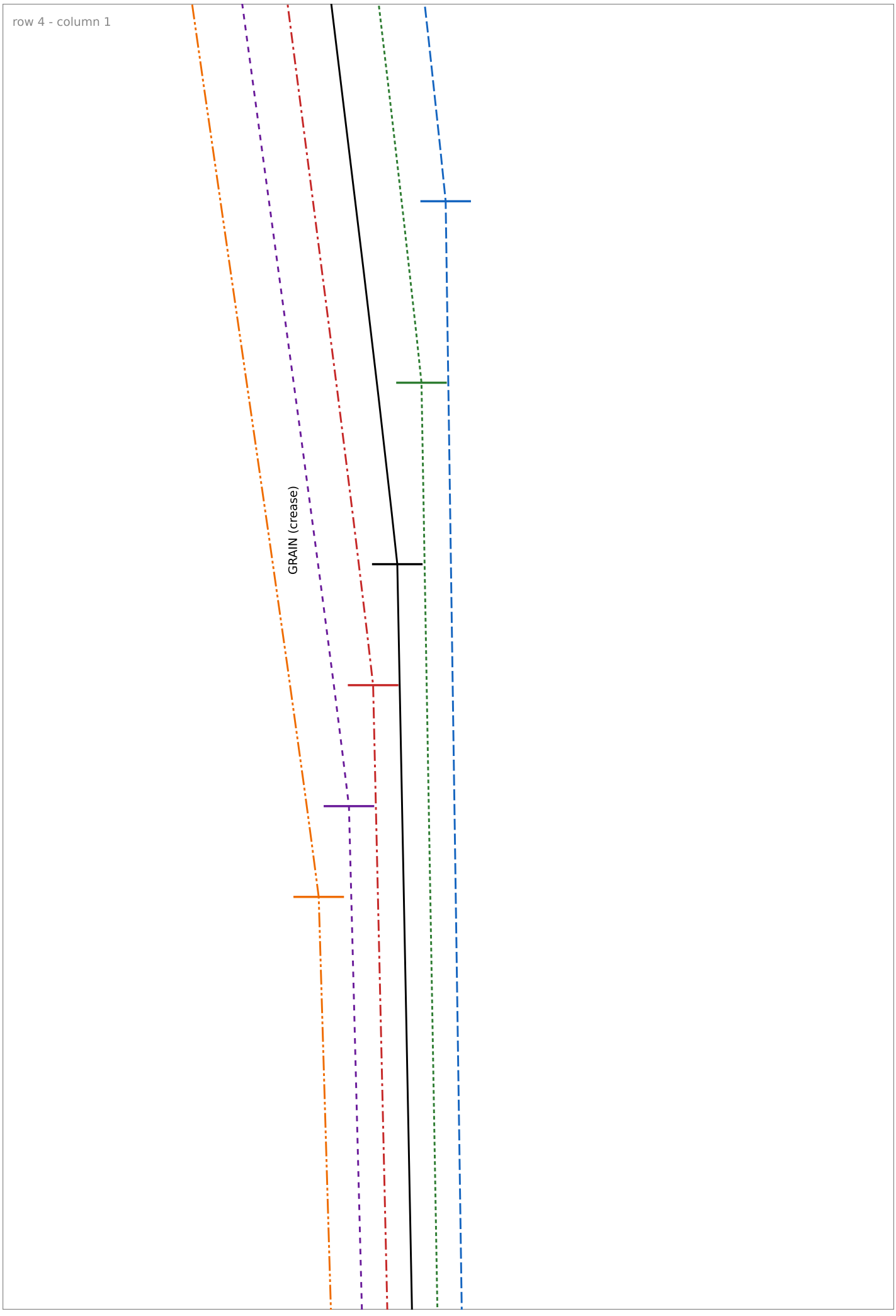
seams and ease on (Simons p.114)

waistband cut on; hem 4 cm on

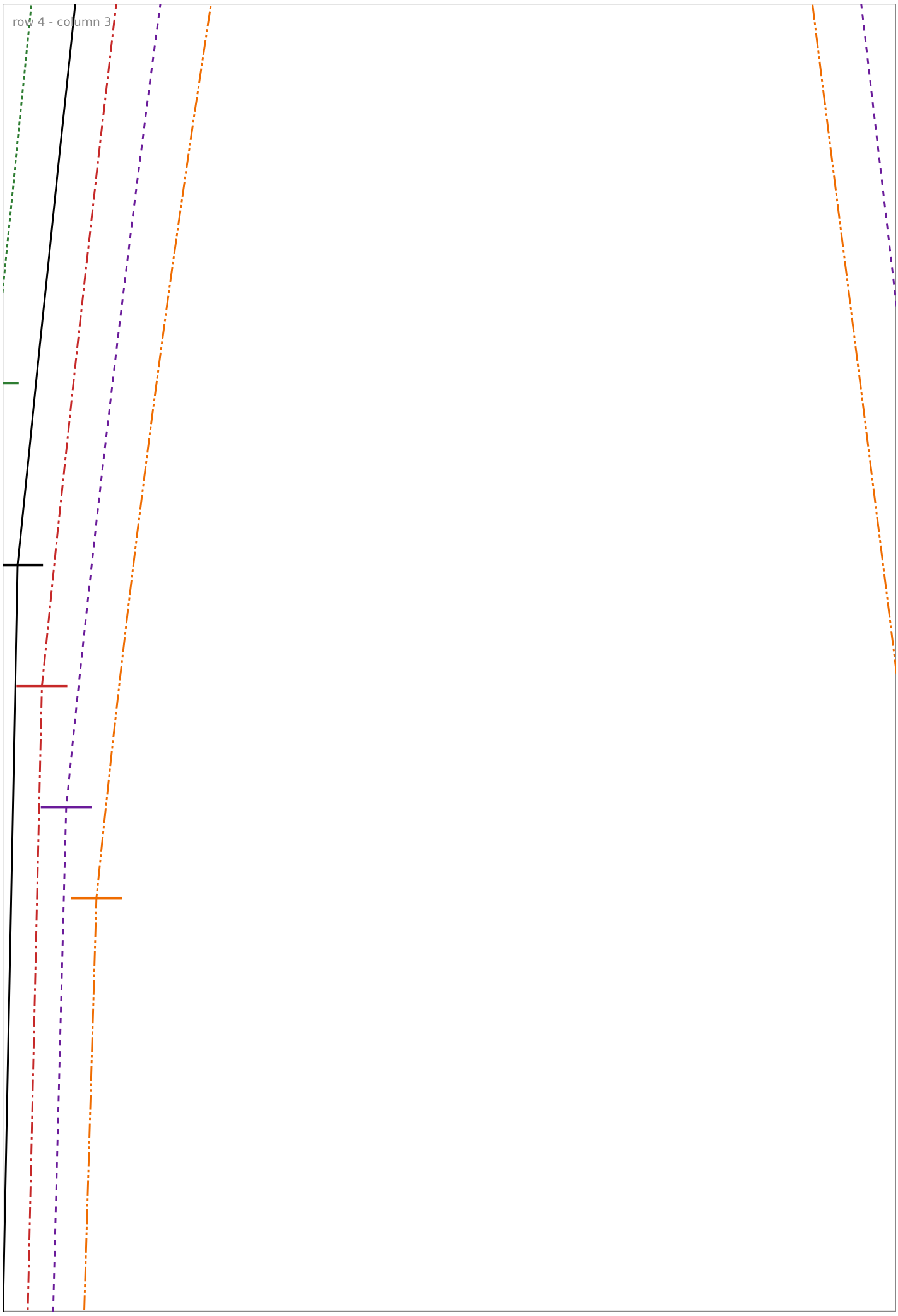
row 3 - column 5

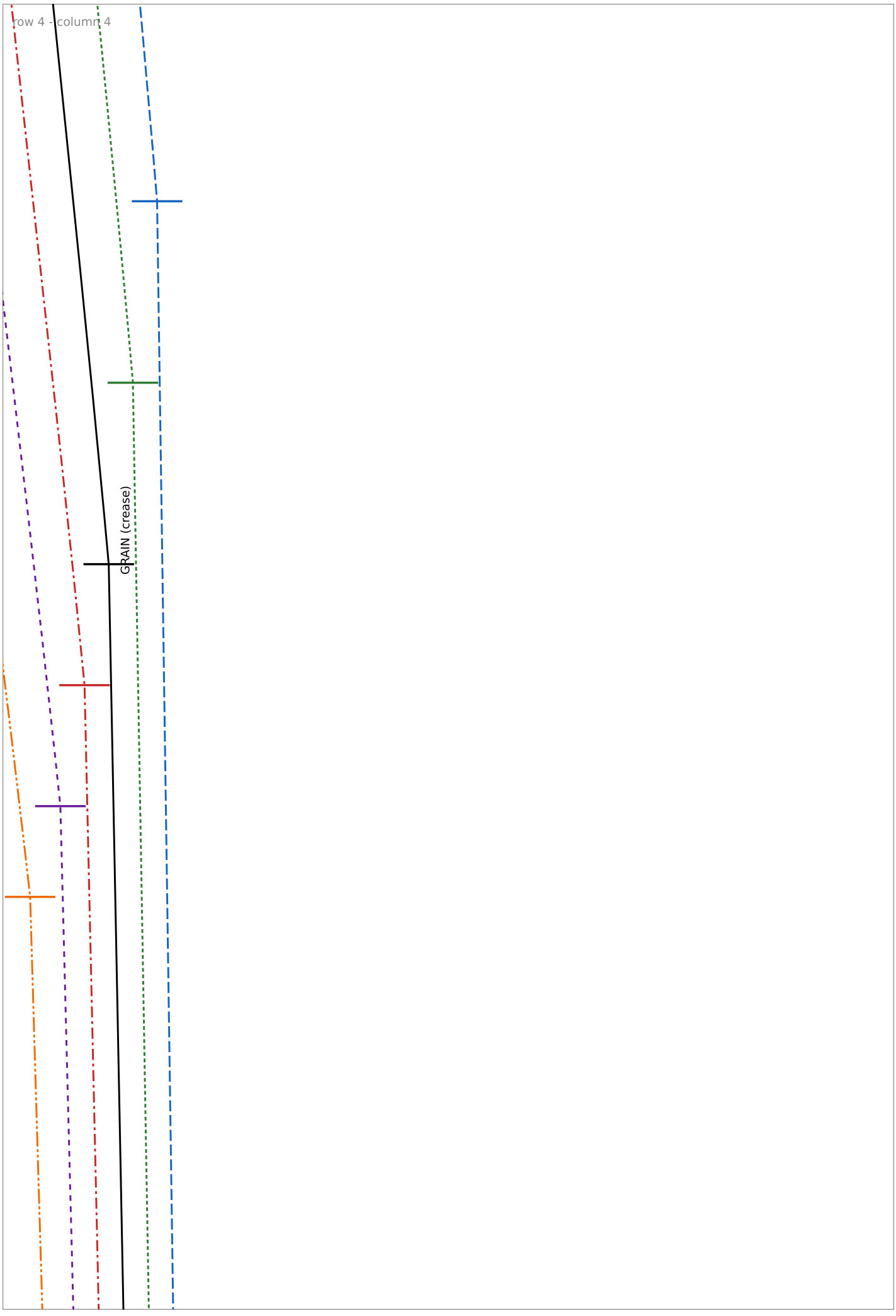



row 3, column 6

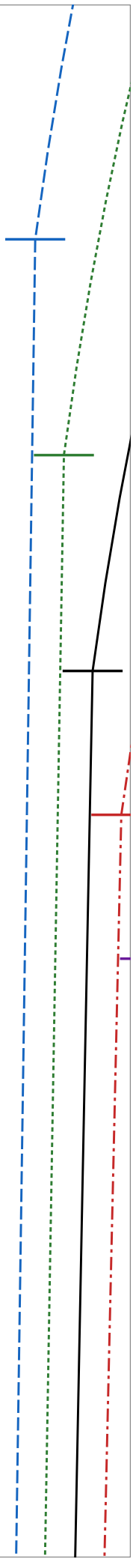

GRAIN (crease)

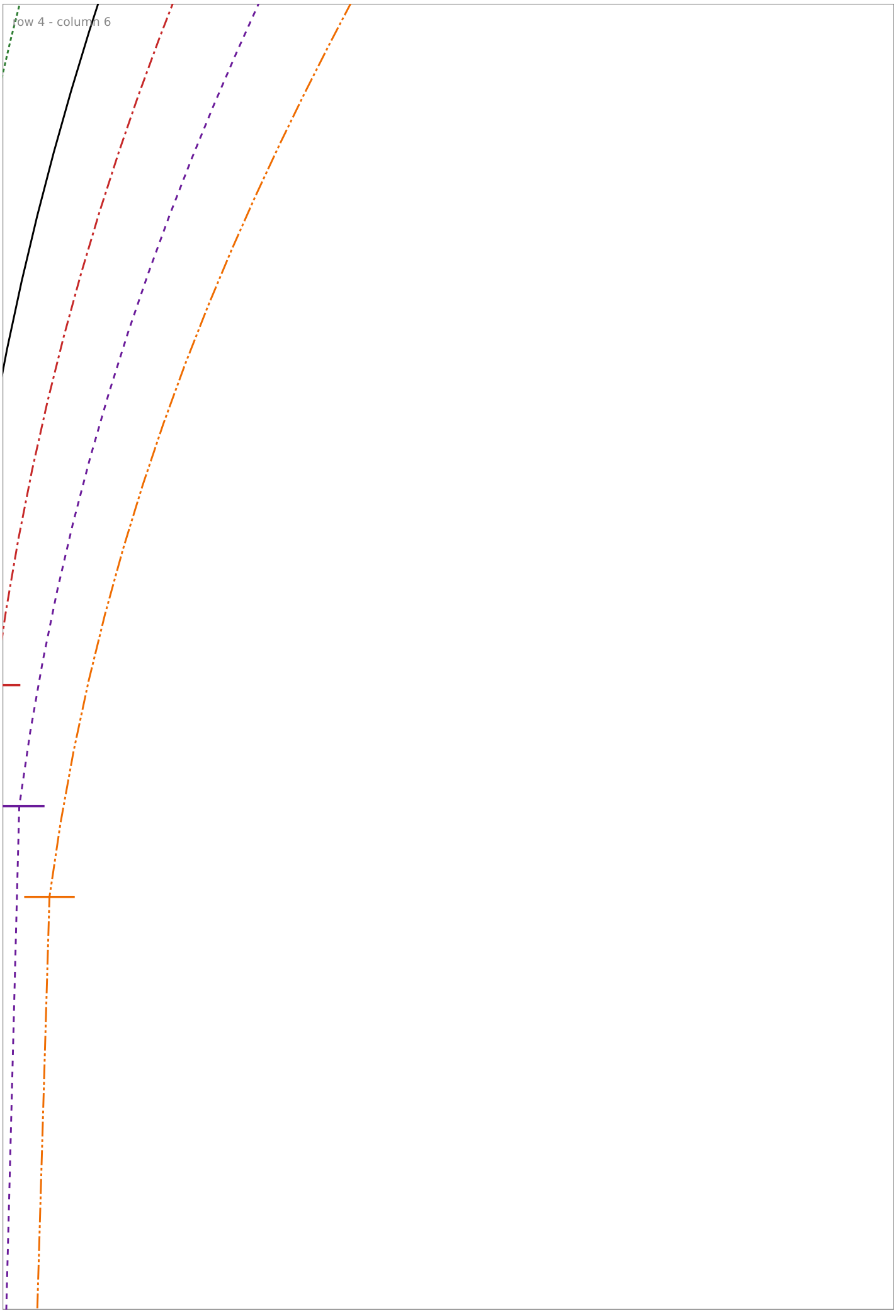


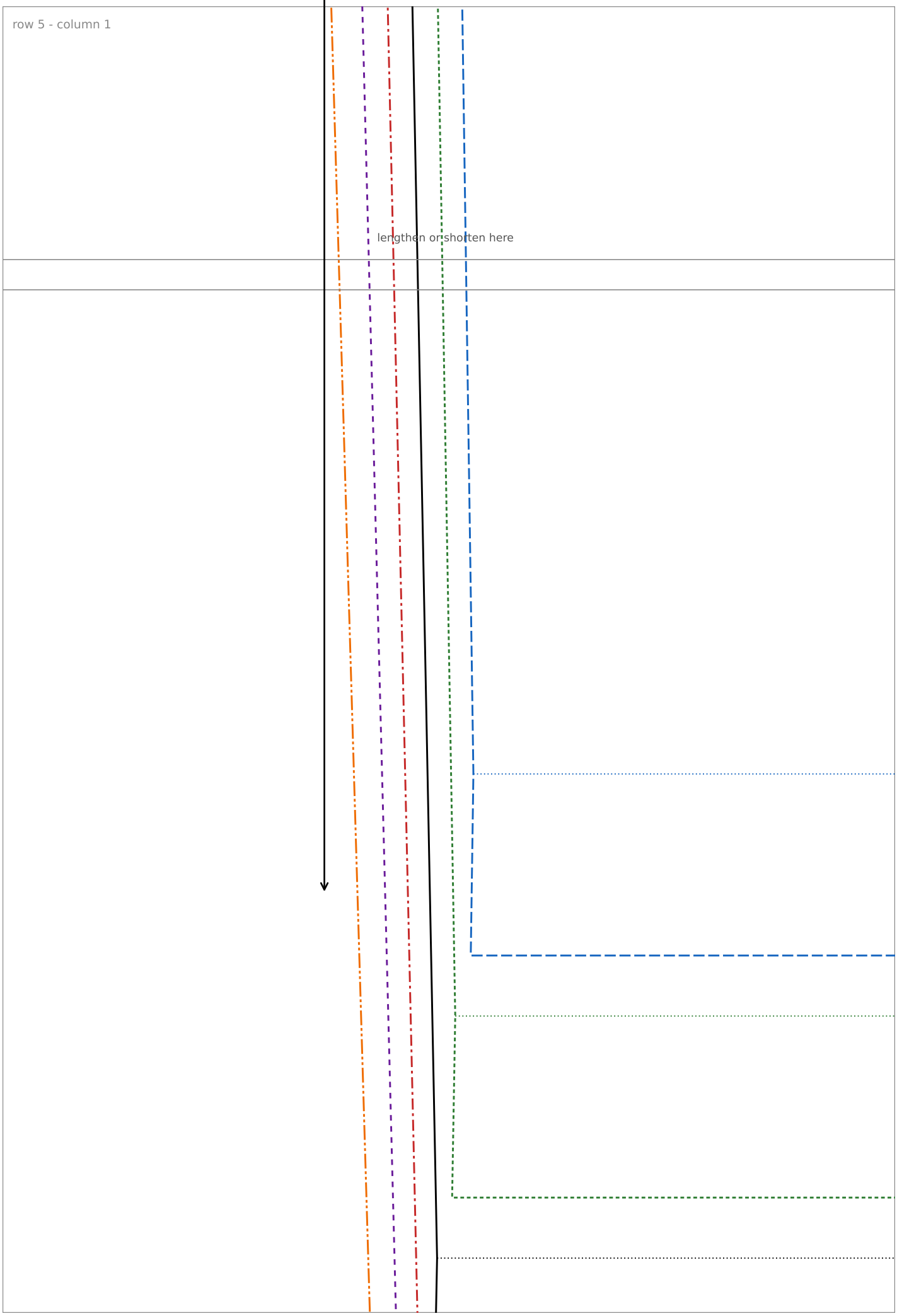

row 4 - column 3


row 4 - column 4
GRAIN (crease)

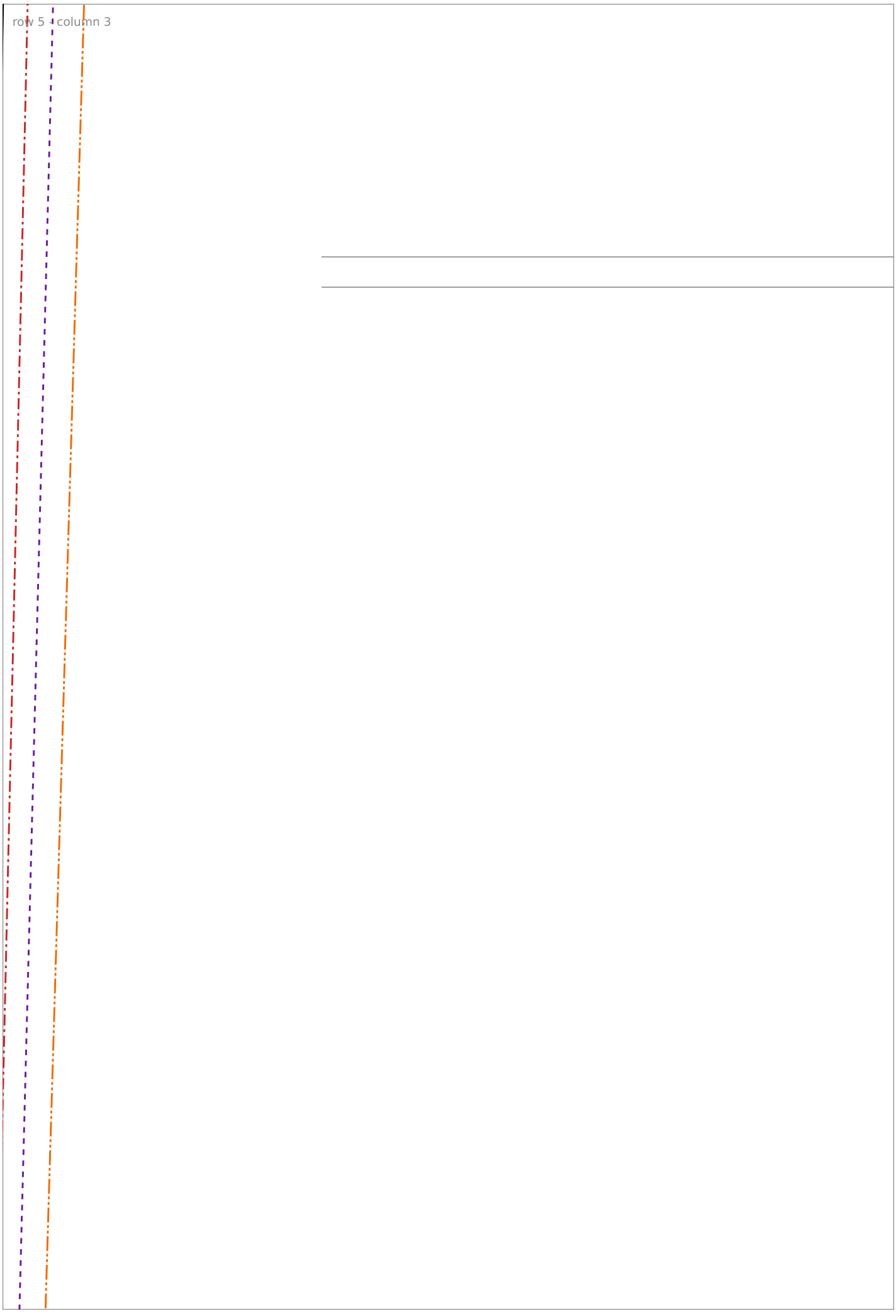
row 4 - column 5

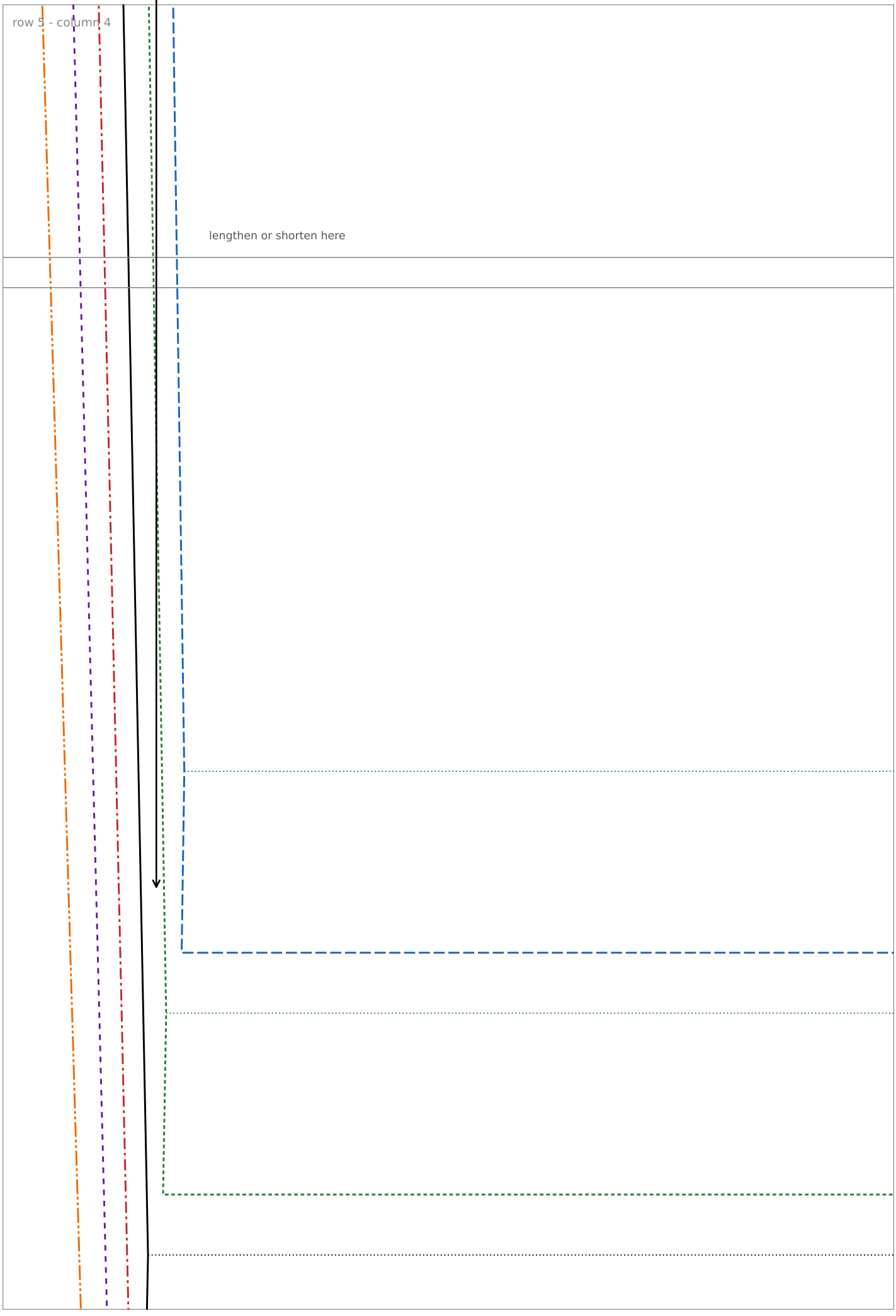


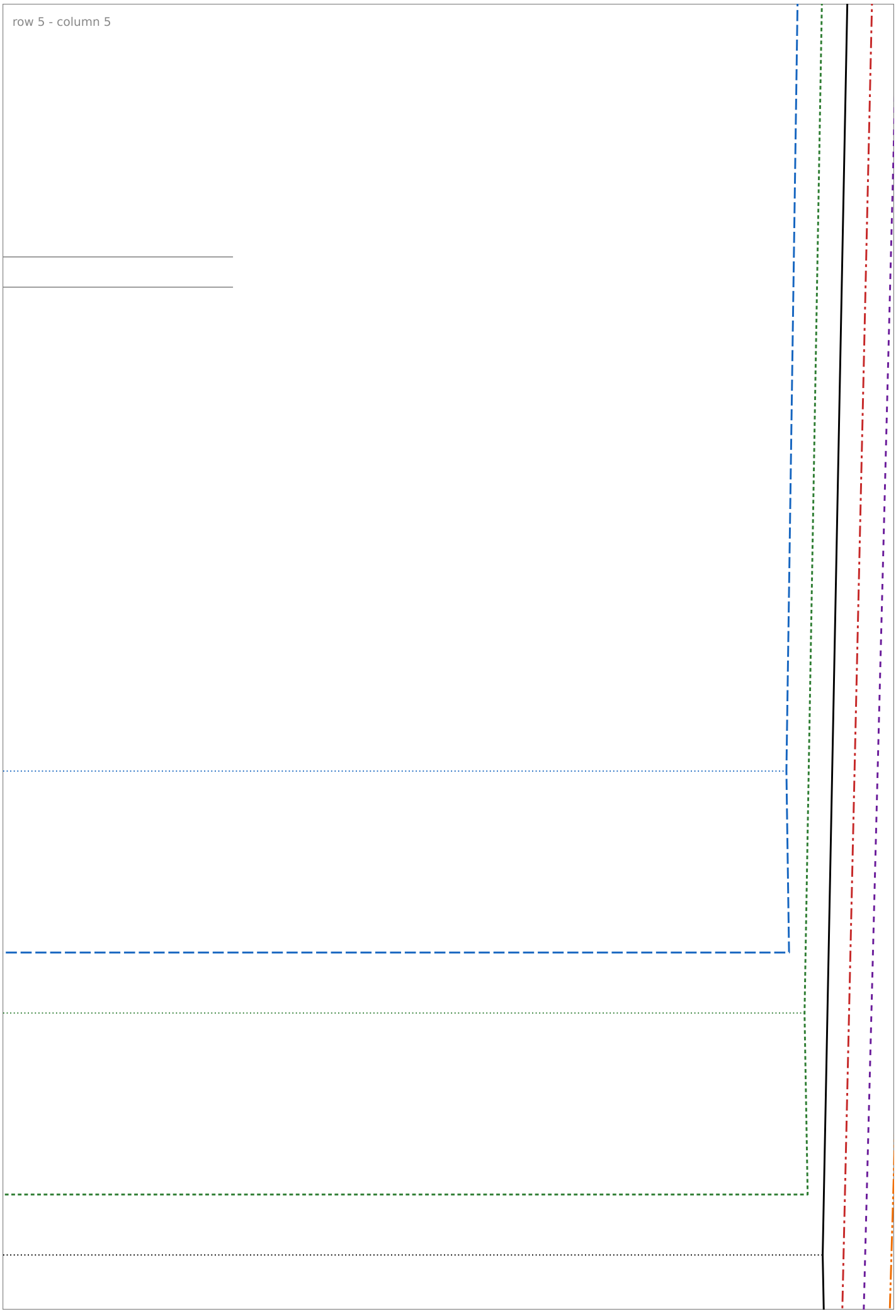

row 4 - column 6

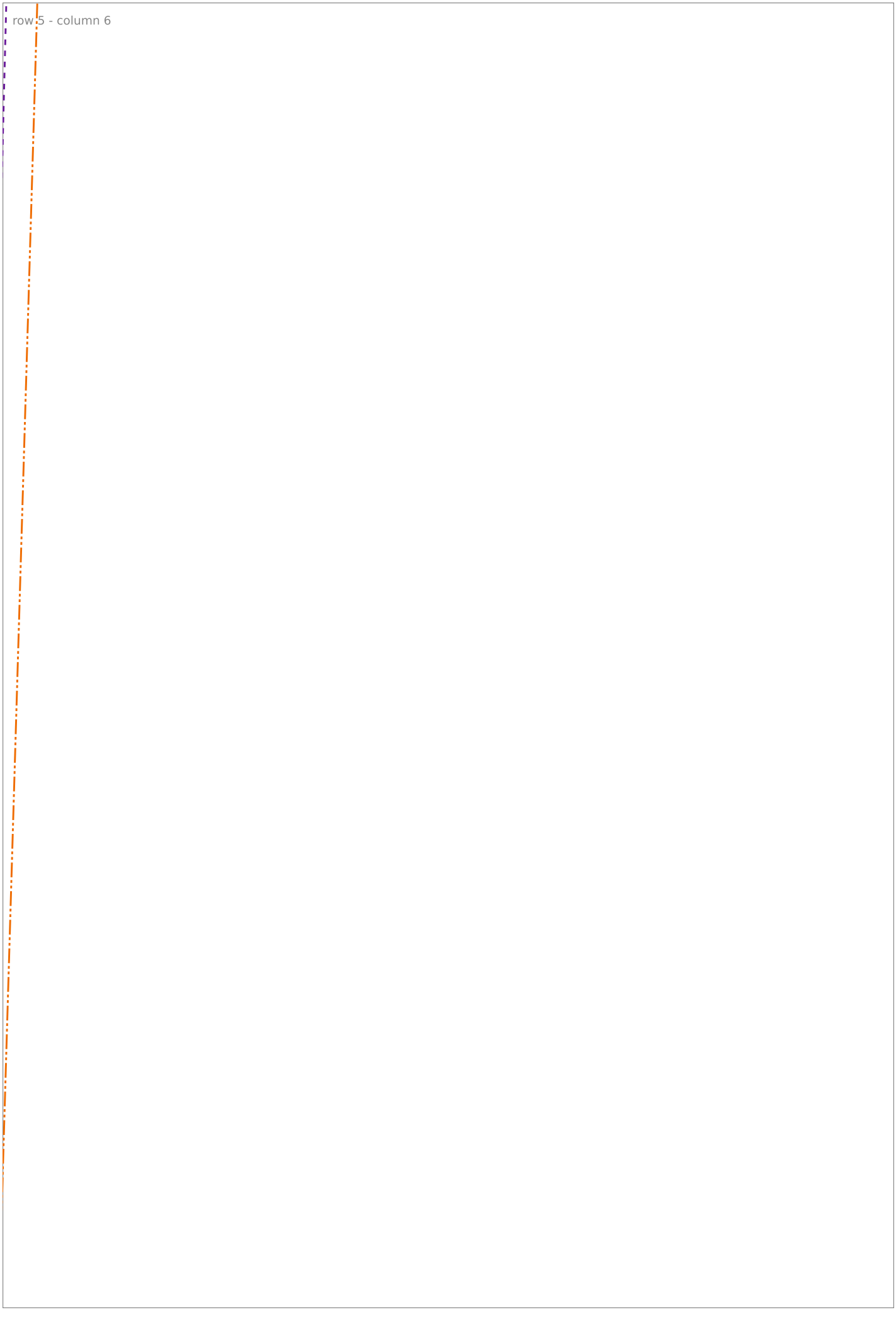

row 5 - column 1
lengthen or shorten here

row 5 - column 2

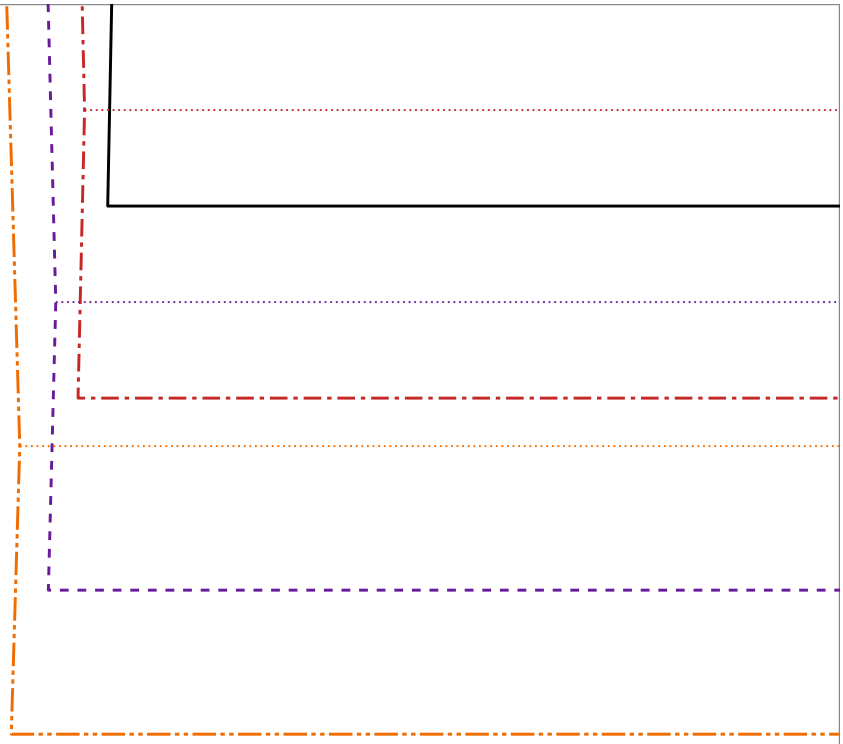

row 5 - column 3

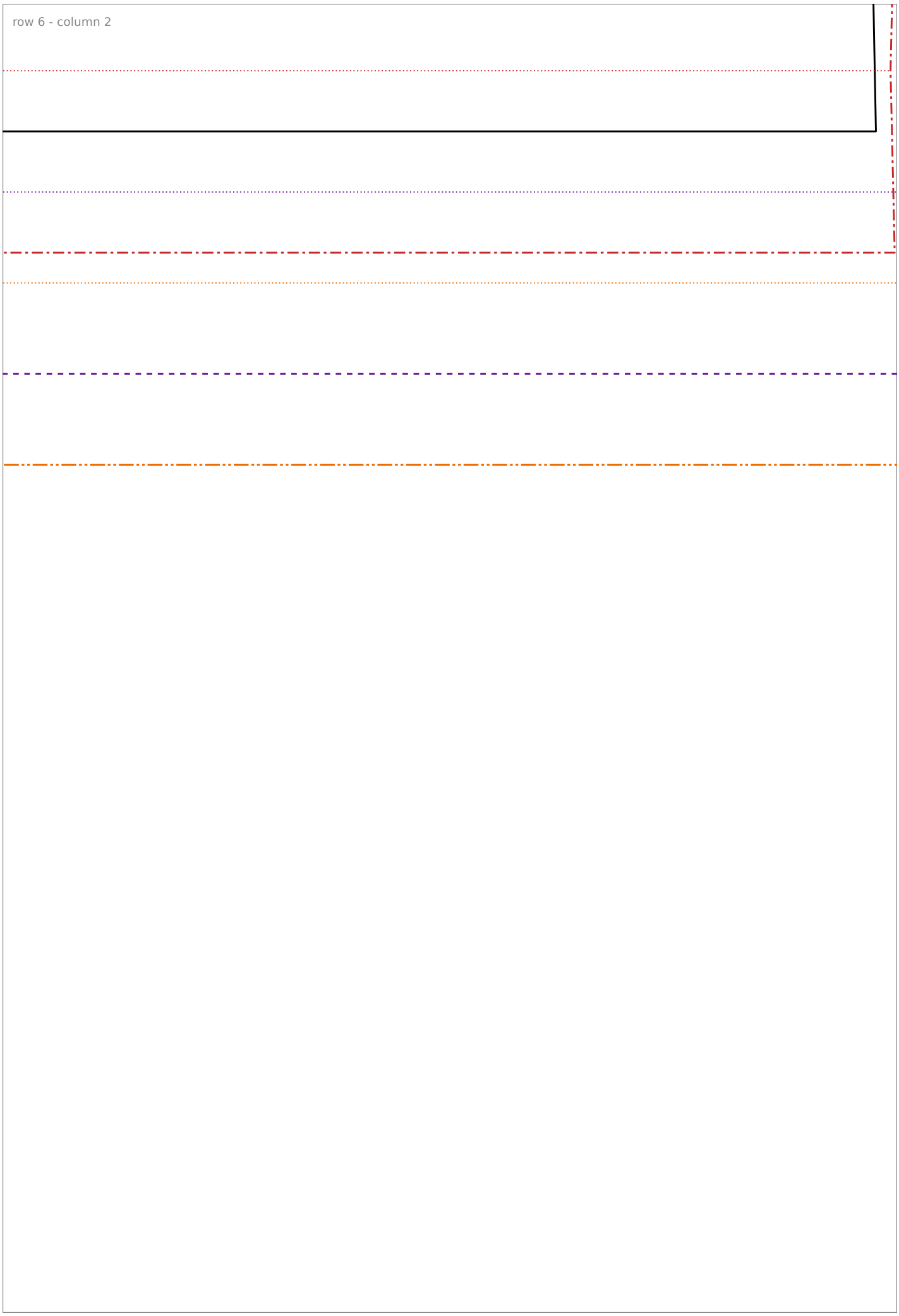

row 5 - column 4
lengthen or shorten here

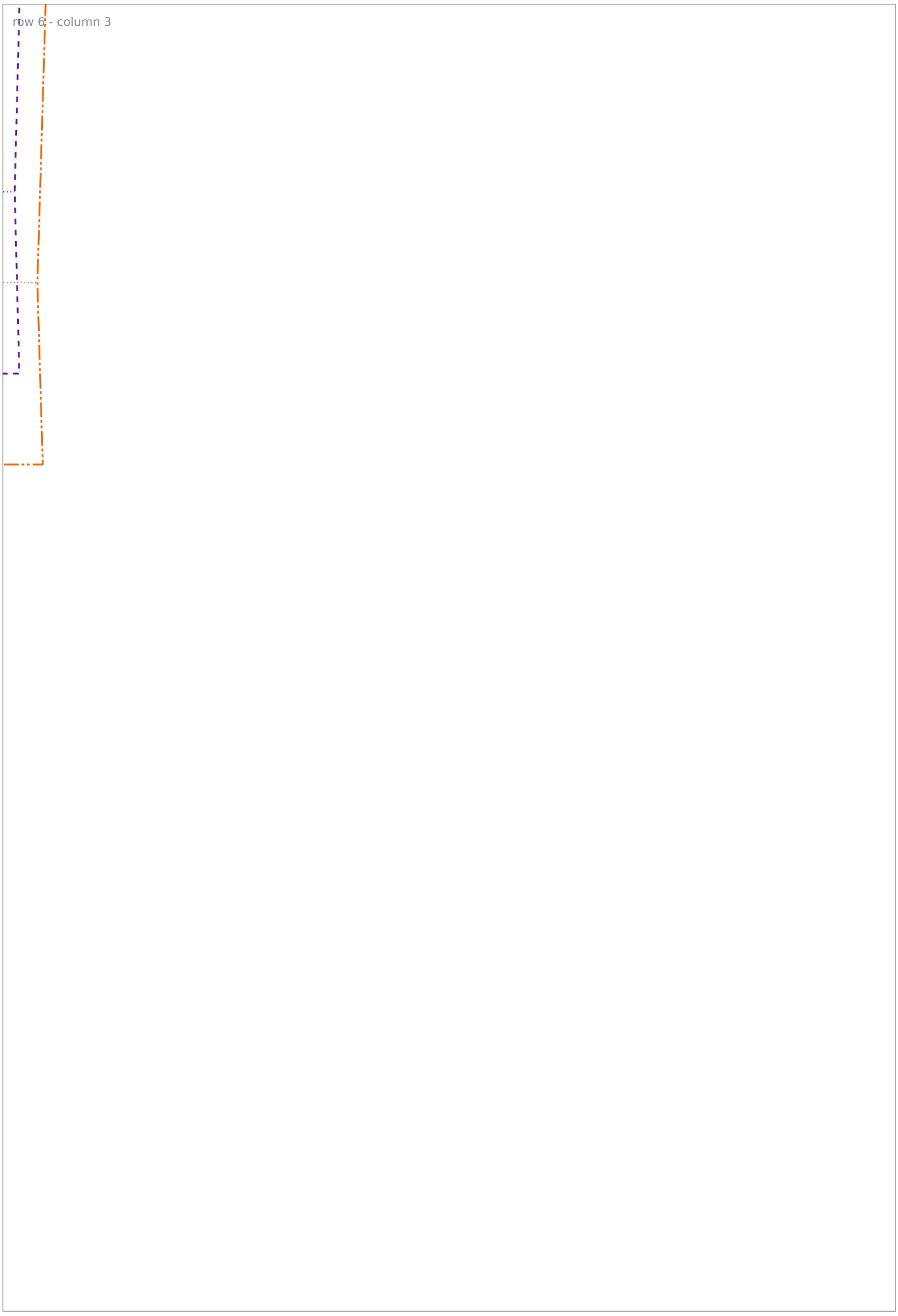

row 5 - column 5

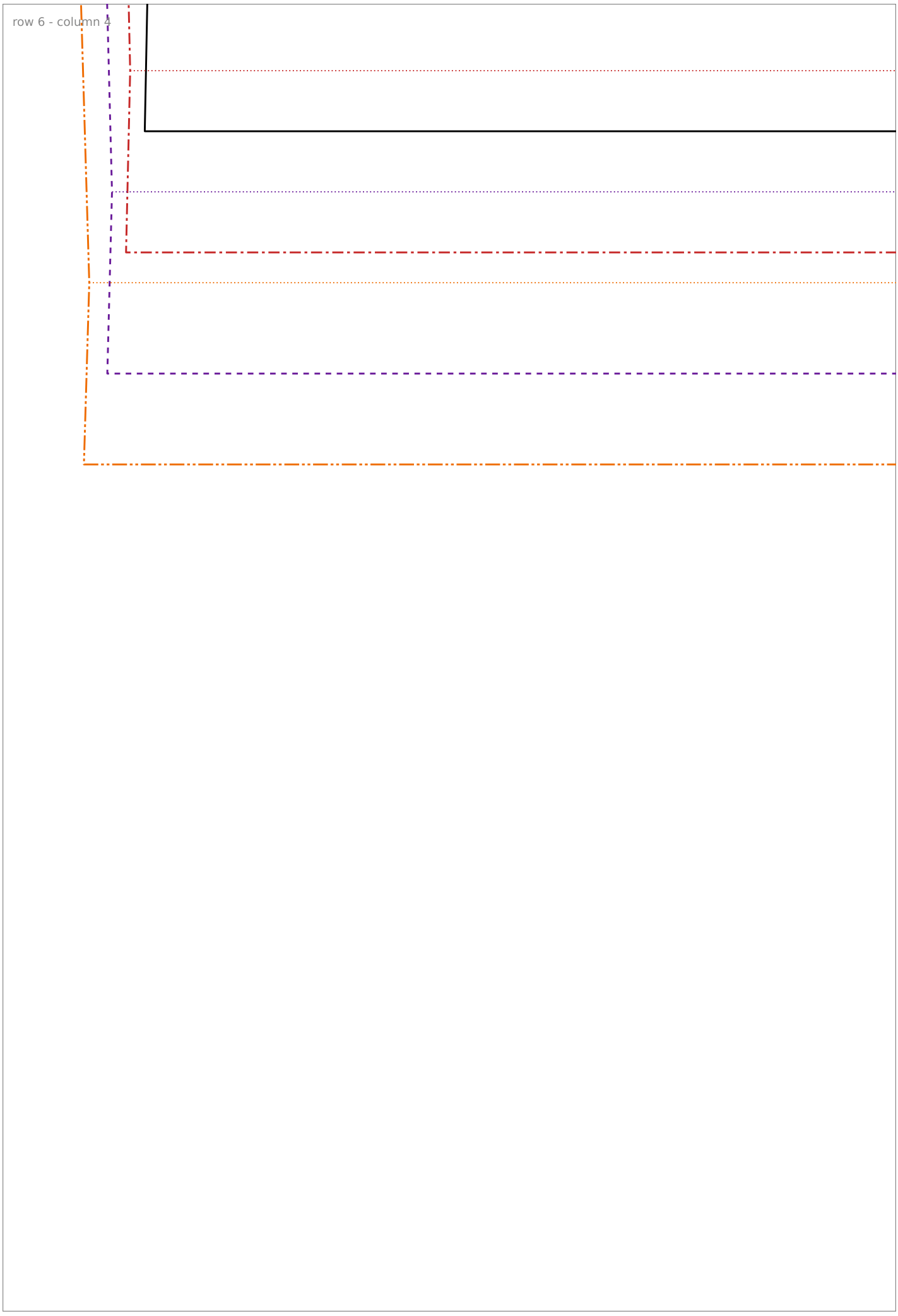

row 5 - column 6

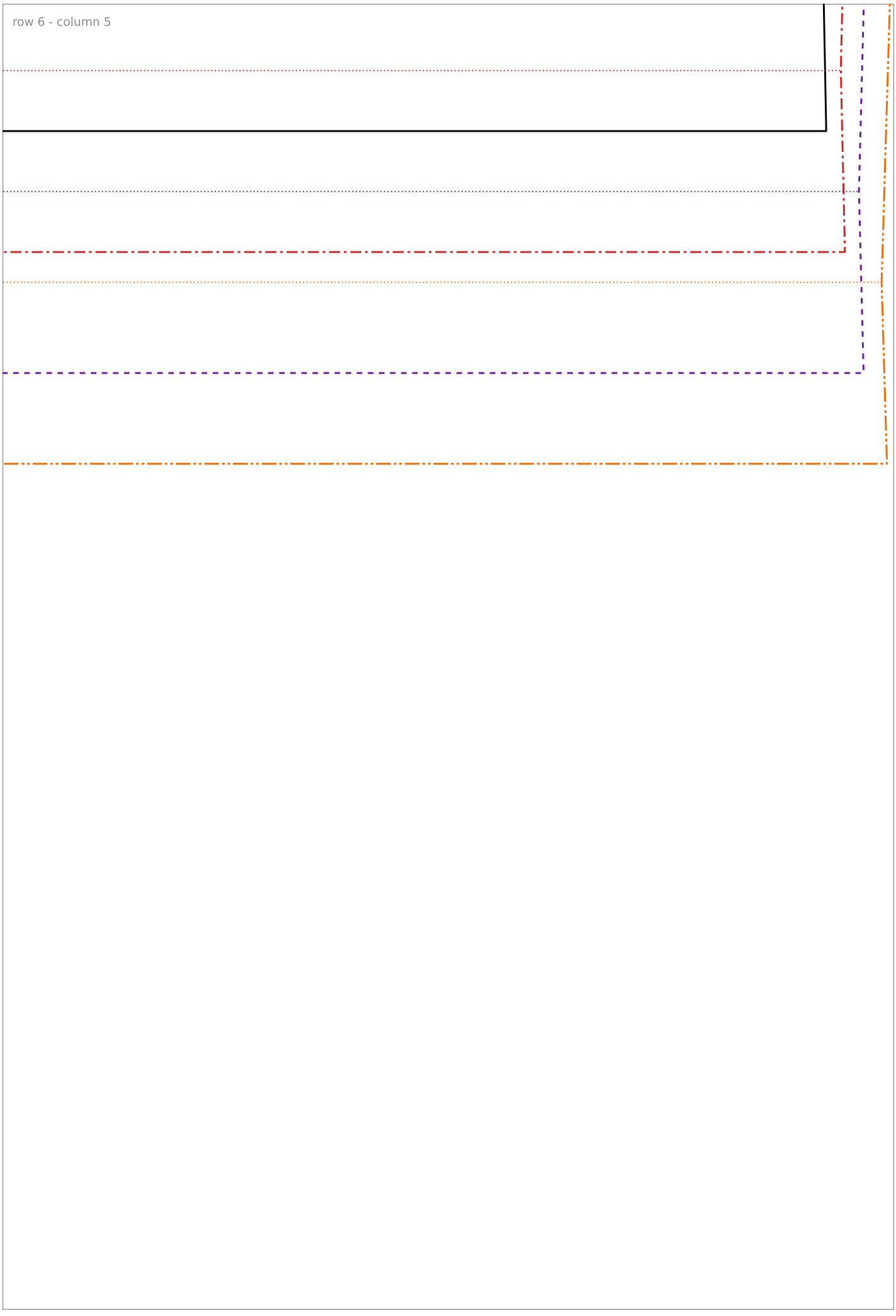
row 6 - column 1




row 6 - column 2


row 6 - column 3


row 6 - column 4


row 6 - column 5

row 6 - column 6