

1.8, 0.3, 3.0, 1.5, 5.3, -1.7, 0.1, 4.3, -0.4, 5.0, 1.2, 4.2, 2.4

rearrange \Rightarrow

~~Min~~

\downarrow

-4.2	-1.7	-0.4	0.1	0.3	1.2	1.5	1.8	2.4	3.0	4.3	5.0	5.3
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\checkmark
 $R_1 = -0.15$

\uparrow median
 $R_3 = 3.65$

$R_1, x_{.125} = -0.15$

Med, $x_{.5} = 1.5$

$R_3, x_{.875} = 3.65$

$IOR = R_3, x_{.75} - R_1, x_{.25} = 3.8$

$R_1 - 1.5 IOR = -5.85 < -4.2$

$R_3 + 1.5 IOR = 9.35 > 5.3$

~~R_1~~

R_1

Med

R_3

R_3

