

8.2 Location - Median Voter Theorem - Formal

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Location, Median Voter Theorem
- Rationalizable Platforms

A & B, max share

FL L CL C CR R FR

A chooses FL, B chooses FL $VA = VB = .5$

B chooses L $VA = 1/7, VB = 6/7$

A chooses L, B chooses FL $VA = , VB = 1/7$

L
CL
CL
L
CL
CL

A chooses CL, B chooses FL
L
CL

$.5$
 $11/14$
 $3/14$
 $2/7$
 $1/2$

FL is dom for B \rightarrow and also FR
FL is dom for A

IF there are even positions, any combo of 2 middle
are rationalizable