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*Bijections for lattice paths between two boundaries*

We prove that on the set of lattice paths with north and east (unit) steps that lie between two boundaries $B$ and $T$, the statistics 'number of east steps shared with $B$' and 'number of east steps shared with $T$' have a symmetric joint distribution. We give an involution that switches these statistics, and a generalization to paths that contain south steps. We show that a similar result relates to the Tutte polynomial of a matroid. Finally, we extend our main theorem to $k$-tuples of paths, providing connections to flagged SSYT and $k$-triangulations. This is joint work with Martin Rubey.