1120-05-209   **Sara L Solhjem*** (`sara.solhjem@ndsu.edu`) and **Jessica Striker** (`jessica.striker@ndsu.edu`). *Semistandard Young tableaux polytopes.*

We define a new family of polytopes as the convex hull of certain $\{0, 1, -1\}$ matrices in bijection with semistandard Young tableaux. We investigate various properties of these polytopes, including their inequality descriptions, vertices, and facets. (Received February 22, 2016)