Greta Panova* (panova@math.upenn.edu), 1 Einstein Drive, IAS Mathematics, Princeton, NJ 08540. Asymptotics and bounds of skew SYTs, Kronecker and Littlewood-Richardson coefficients.

We will discuss various known results and approaches to estimating the number of skew standard Young tableaux, structure constants (Kronecker and Littlewood-Richardson coefficients).

The methods range from Naruse hook-length formula to character identities.

Based on several joint works with Alejandro Morales and Igor Pak. (Received February 12, 2018)