We attempt to find a formula for the number $T(m, n)$ of strip arrangements on an $m \times n$ chessboard with at most one horizontal strip in each row and at most one vertical strip in each column; the author has previously called such objects $(1, 1)$-restricted StArrs. Previous work has used the transfer matrix method for fixed values of $m$, which shows that the corresponding generating functions must be rational and therefore the formula for $T(m, n)$ must be of the form

$$\sum \lambda(m)^n P_{\lambda(m)}(n),$$

where the $\lambda(m)$ are complex numbers depending on $m$, and the associated factor $P_{\lambda(m)}$ is a polynomial in $n$. Determining a general exact formula, however, has proven elusive, as the transfer matrices grow exponentially with $m$, so we have resolved to a general asymptotic formula for $T(m, n)$ for fixed $m$ as $n \to \infty$. In particular, we will give an expression for the dominant term in the sum, and therefore deduce that, as $n \to \infty$,

$$T(m, n) \sim \frac{1}{(m!)^2} \prod_{j=1}^{m} \left[ 1 + \frac{j}{2} + \binom{m+1}{2} - j \right] n^m \left( 1 + \frac{m+1}{2} \right)^n$$

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