The homogeneous universe is well-described by a flat FRW background.

\[-0.0181 < \Omega_k < 0.0071\]
The homogeneous universe is well-described by a \textit{flat FRW} background.

(Primordial) density \textit{fluctuations} are:

\begin{itemize}
  \item \textit{small}
\end{itemize}

\[
\frac{\Delta T}{T} \sim 10^{-4}
\]
The homogeneous universe is well-described by a \textit{flat FRW} background.

(Primordial) density \textit{fluctuations} are:

- \textit{small}
- \textit{scale-invariant}

Peiris and Verde (2010)
(Primordial) density fluctuations are:

- small
- scale-invariant
- Gaussian

The homogeneous universe is well-described by a \textbf{flat FRW} background.
The homogeneous universe is well-described by a *flat FRW* background.

(Primordial) density *fluctuations* are:

- *small*
- *scale-invariant*
- *Gaussian*
- *adiabatic*
The homogeneous universe is well-described by a **flat FRW** background.

(Primordial) density **fluctuations** are:

- small
- scale-invariant
- Gaussian
- adiabatic
- superhorizon

\[ \langle TE \rangle \]
Inflation is an elegant explanation for the data:

Guth (1980)

Inflation is...