



Spitzer: 8 (feps)
+ 20 (Beichman)
+ 1 (Sun) stars
with GP and no
observed DD
(maybe they went
through LHB?)

GP: 12% of stars have
GP inside 20 AU
(extrapolating from
surveys; Marcy et al.
2005) This would mean
that about 12% of stars
are **“similar” to
the SS** (wrt GP).

6 (Beichman)
+ 1 (feps)

Observed DD (>100KB in SS): 10-20% of
all stars; fractional luminosities similar to
Kenyon's models - no need to have GP

8 stars? (feps) they are
included in RV surveys and not
listed as having planets but we
don't have upper limits

Dust **at the SS level**
could be “normal” (100%
of stars?)

- Bryden et al. 2006: the
sun is consistent with
having 10x more or less
KB dust than other solar-
type stars
- Metallicity studies: GP
are correlated with high
metallicities (Fischer &
Valenti, 2005) but debris
disks are not correlated
with high metallicities
(Greaves et al. 2006) ->
the formation of
planetesimals/debris disks
required less strict
conditions than the
formation of close-in giant
planets.

The dashed line is what our
analysis rejects: that the GP
and observed (=bright DD)
are correlated.