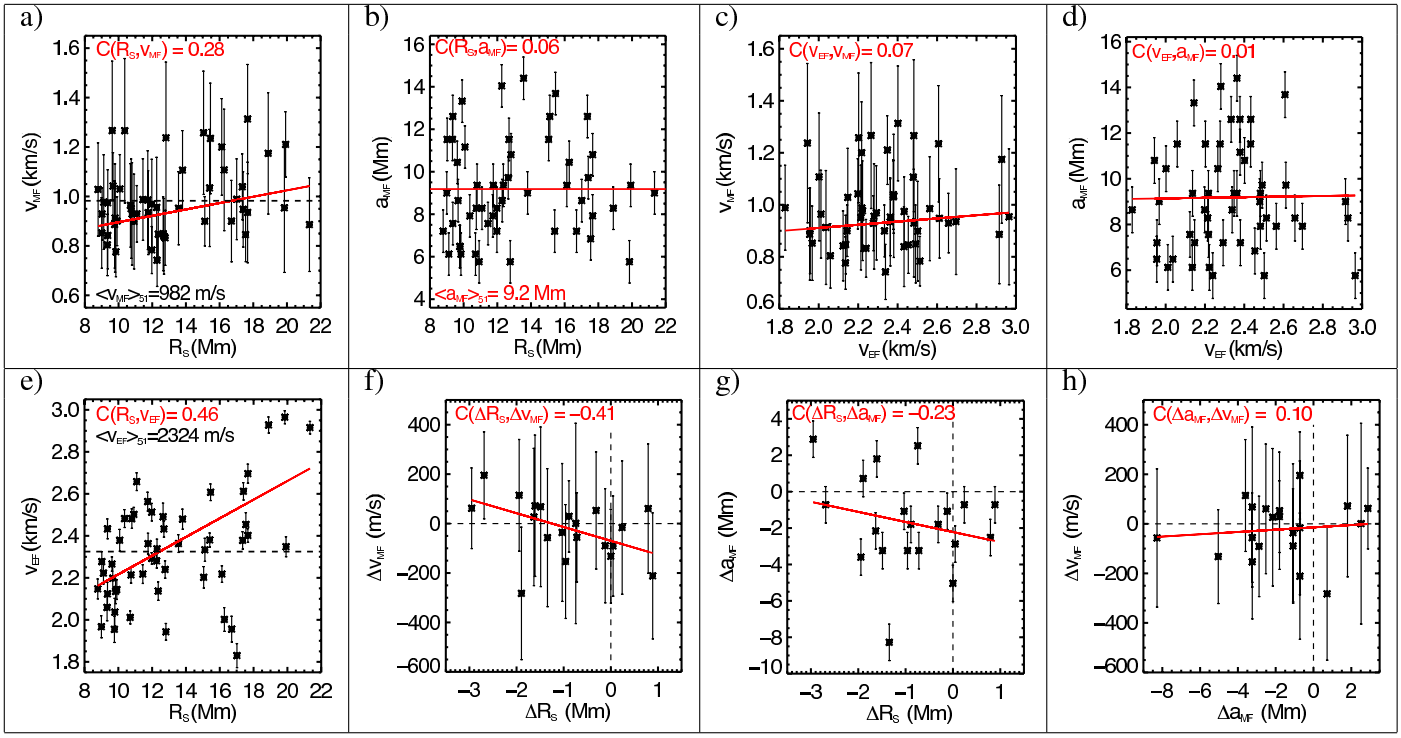
a)
C(R_S,v_MF) = 0.28
<v_MF>_SI=982 m/s
v_MF (km/s)
R_S (Mm)
b)
C(R_S,a_MF)= 0.06
<a_MF>_SI= 9.2 Mm
a_MF (Mm)
R_S (Mm)
c)
C(v_EF,v_MF)= 0.07
v_MF (km/s)
v_EF (km/s)
d)
C(v_EF,a_MF)= 0.01
a_MF (Mm)
v_EF (km/s)
e)
C(R_S,v_EF)= 0.46
<v_EF>_SI=2324 m/s
v_EF (km/s)
R_S (Mm)
f)
C(ΔR_S,Δv_MF) = –0.41
Δv_MF (m/s)
ΔR_S (Mm)
g)
C(ΔR_S,Δa_MF) = –0.23
Δa_MF (Mm)
ΔR_S (Mm)
h)
C(Δa_MF,Δv_MF) = 0.10
Δv_MF (m/s)
Δa_MF (Mm)