

Fermions
and
bosons

Fermi and Bose partons
 $c = f b^\dagger$

f_α : Fermi liquid
 b : superfluid

Fermi liquid
with heavy quasiparticles

f_α : Spinon band
 b : normal liquid

Model for
pseudogap metal ?

f : Fermi liquid
 b_α : Paired superfluid

Z_2 holon metal