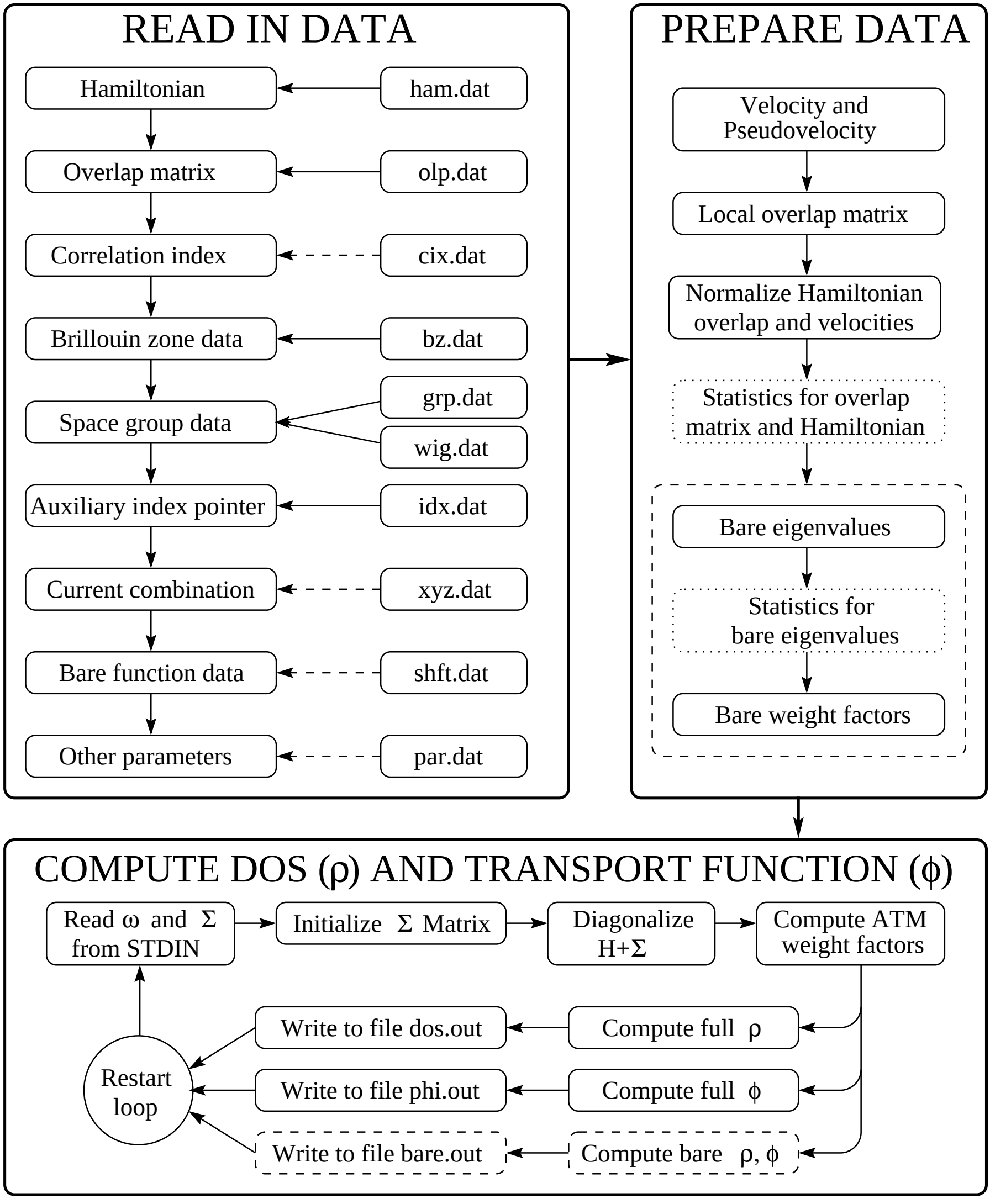
READ IN DATA
Hamiltonian
ham.dat
Overlap matrix
olp.dat
Correlation index
cix.dat
Brillouin zone data
bz.dat
Space group data
grp.dat
wig.dat
Auxiliary index pointer
idx.dat
Current combination
xyz.dat
Bare function data
shft.dat
Other parameters
par.dat
PREPARE DATA
Velocity and Pseudovelocity
Local overlap matrix
Normalize Hamiltonian overlap and velocities
Statistics for overlap matrix and Hamiltonian
Bare eigenvalues
Statistics for bare eigenvalues
Bare weight factors
COMPUTE DOS (ρ) AND TRANSPORT FUNCTION (ϕ)
Read ω and Σ from STDIN
Initialize Σ Matrix
Diagonalize H+Σ
Compute ATM weight factors
Write to file dos.out
Compute full ρ
Restart loop
Write to file phi.out
Compute full ϕ
Write to file bare.out
Compute bare ρ, ϕ