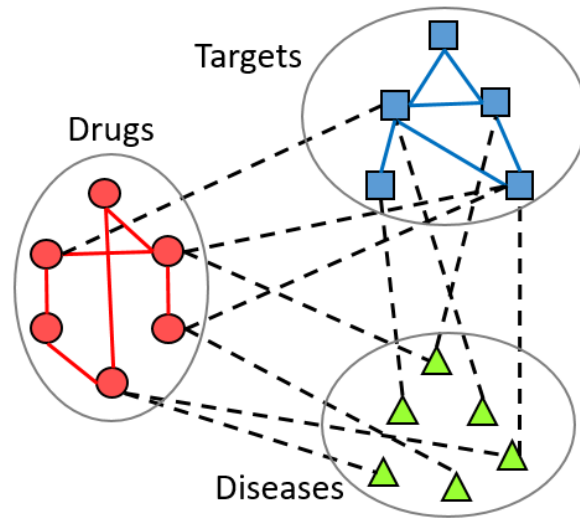


A



B

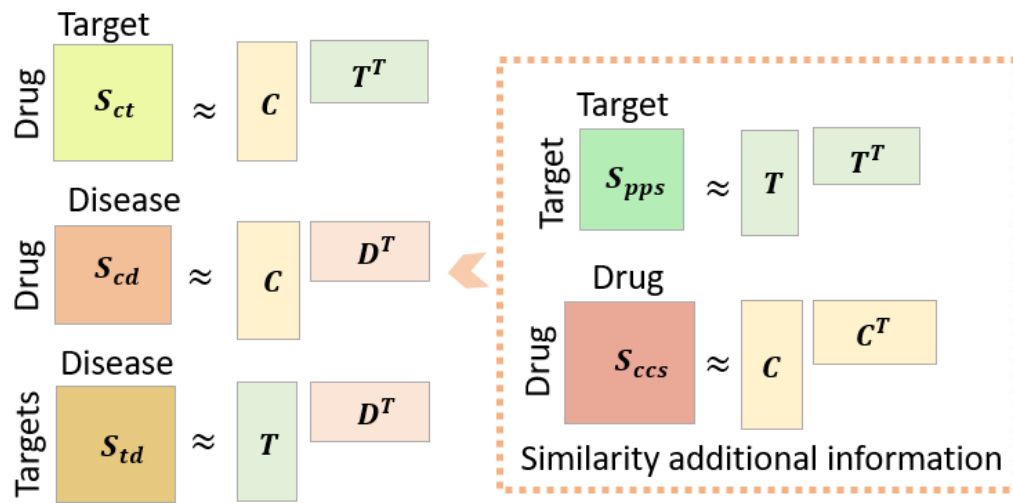


Figure S9. Illustration of the baseline methods. **a** Example heterogeneous network constructed for Network-based Random Walk with Restart on Heterogeneous network (NRWRH). **b** Demonstration of Collective Matrix Factorization (CMF).