K–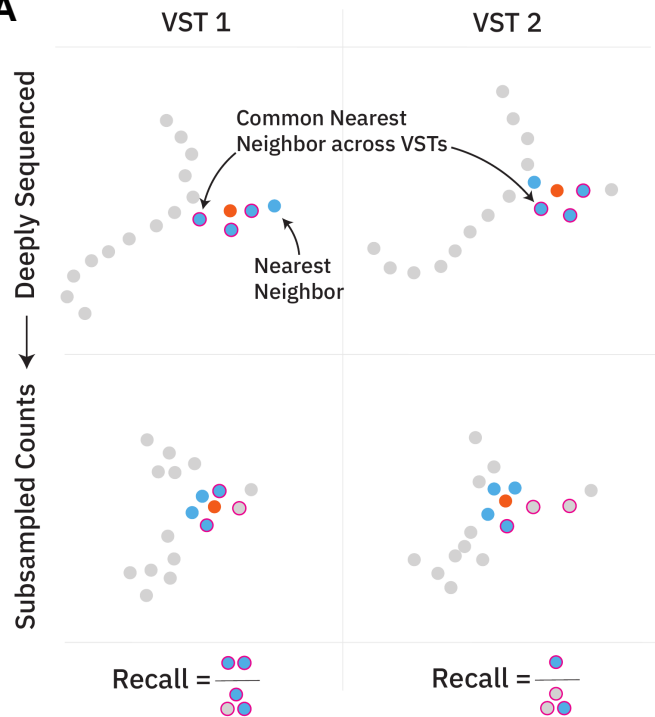nearest neighbor recall on real data