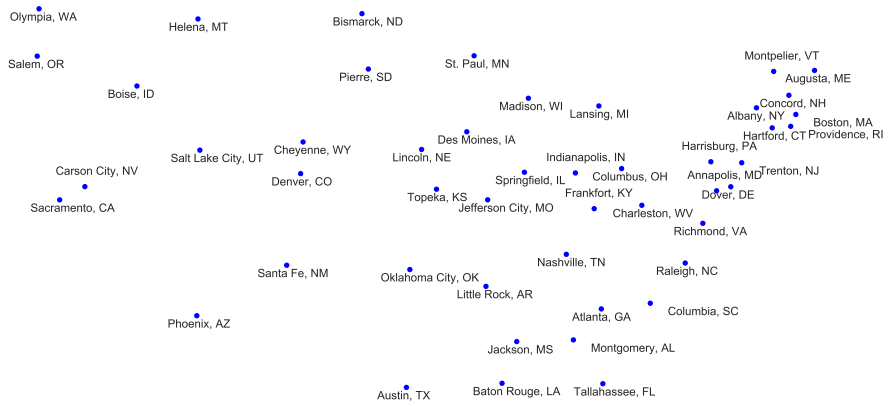
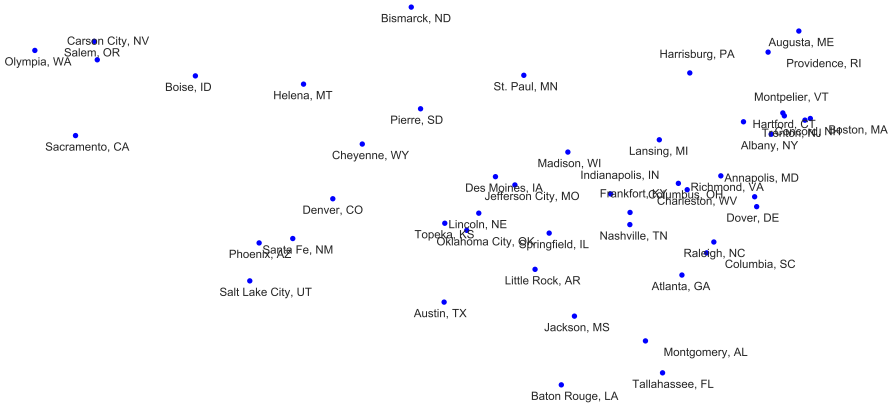
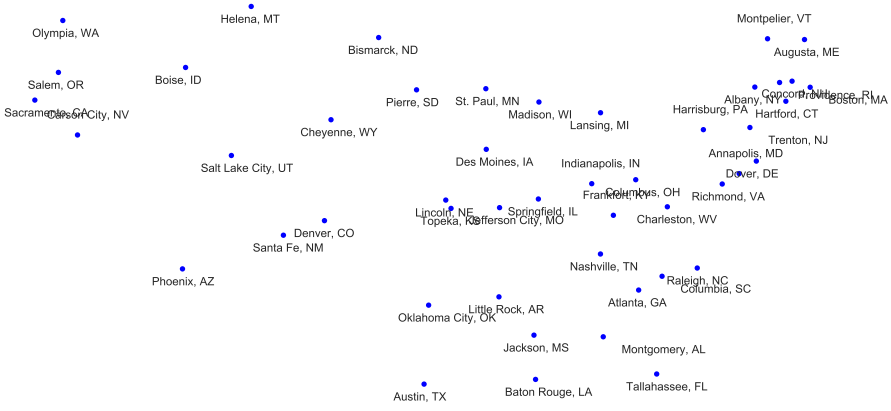
True map



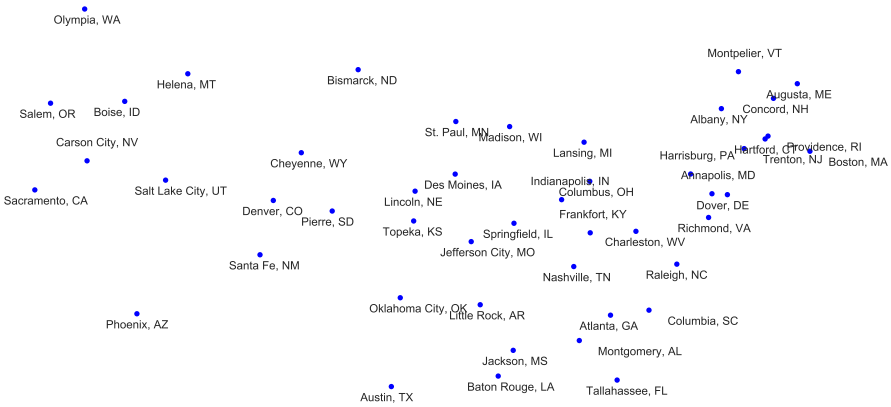
Learned embedding using 5*48*2*log(48) samples



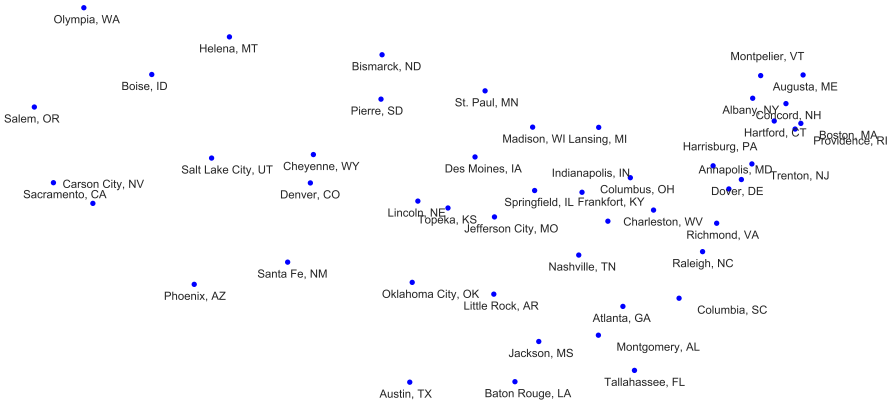
Learned embedding using 10*48*2*log(48) samples



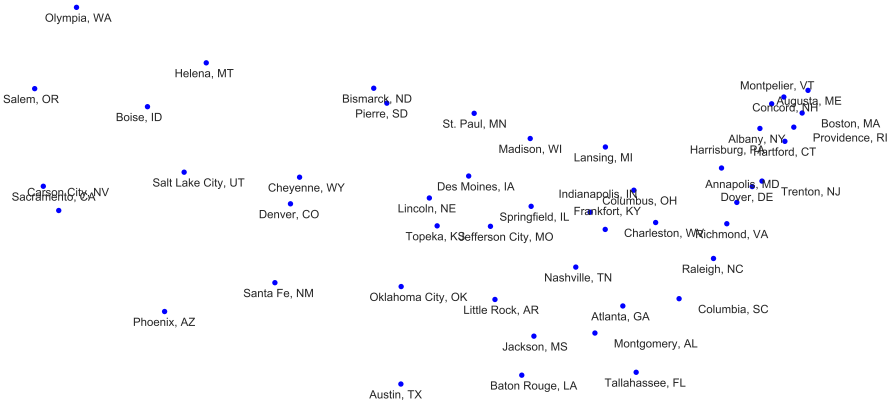
Learned embedding using 15*48*2*log(48) samples



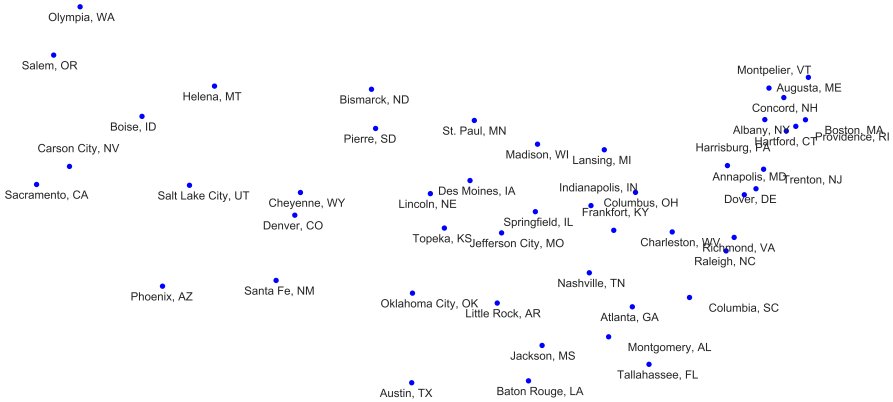
Learned embedding using 20*48*2*log(48) samples



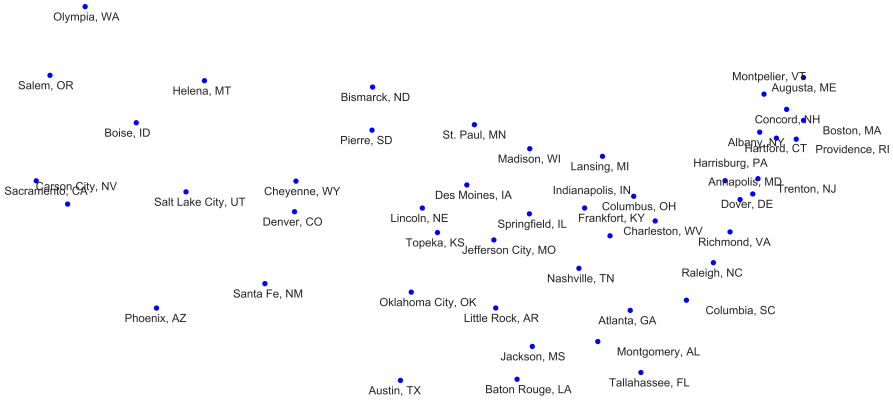
Learned embedding using 25*48*2*log(48) samples



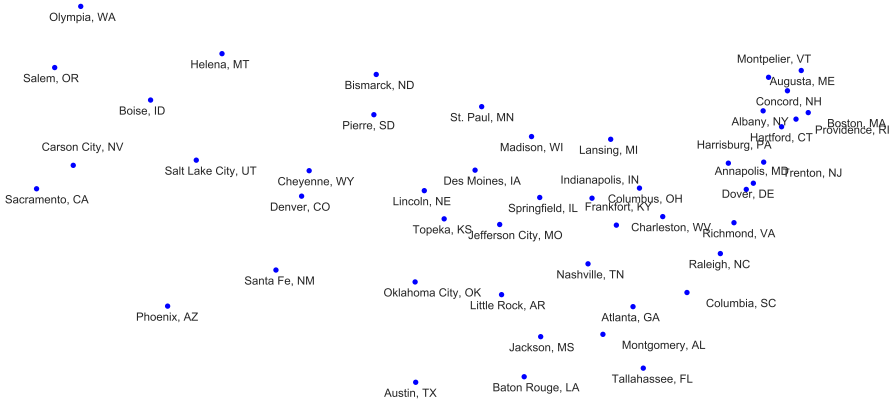
Learned embedding using 30*48*2*log(48) samples



Learned embedding using 35*48*2*log(48) samples



Learned embedding using 40*48*2*log(48) samples



samples	% of correct triplets on train set	% of correct triplets	$\|W_{\text{pro}} - W_{\text{true}}\|_{\text{fro}}$
$5 * 48 * 2 \log(48)$	1	.934	24.75
$10 * 48 * 2 \log(48)$	1	.971	18.2
$15 * 48 * 2 \log(48)$	1	.97	16.3
$20 * 48 * 2 \log(48)$	1	.987	13.69
$25 * 48 * 2 \log(48)$	1	.987	15.65
$30 * 48 * 2 \log(48)$	1	.99	17.74
$35 * 48 * 2 \log(48)$	1	.992	17.64
$40 * 48 * 2 \log(48)$	1	.993	16.74
$45 * 48 * 2 \log(48)$	1	.993	16.74

Table 1: Caption