0. Embedding Descriptions/Comparisons

	LLM Mean 2016 d64
type	LLM
year	2016
n_samples	16399474
dimensions	64

1. Distance Distributions by Hop

Full Network Distance Distributions:
LLM Mean 2016 d64 Embeddings
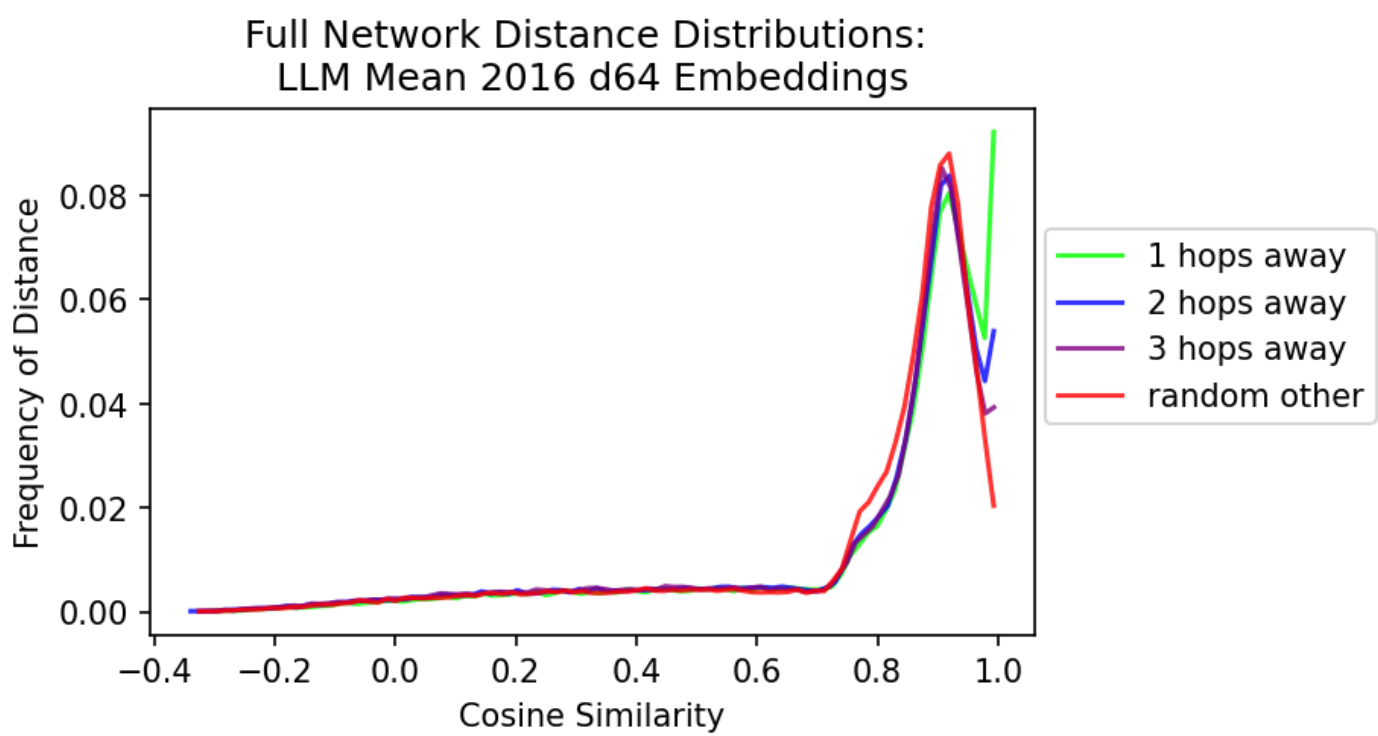
2. Distance Distributions: Real vs Fake Connections

Full Network Real vs Random Distances:
LLM Mean 2016 d64 Embeddings
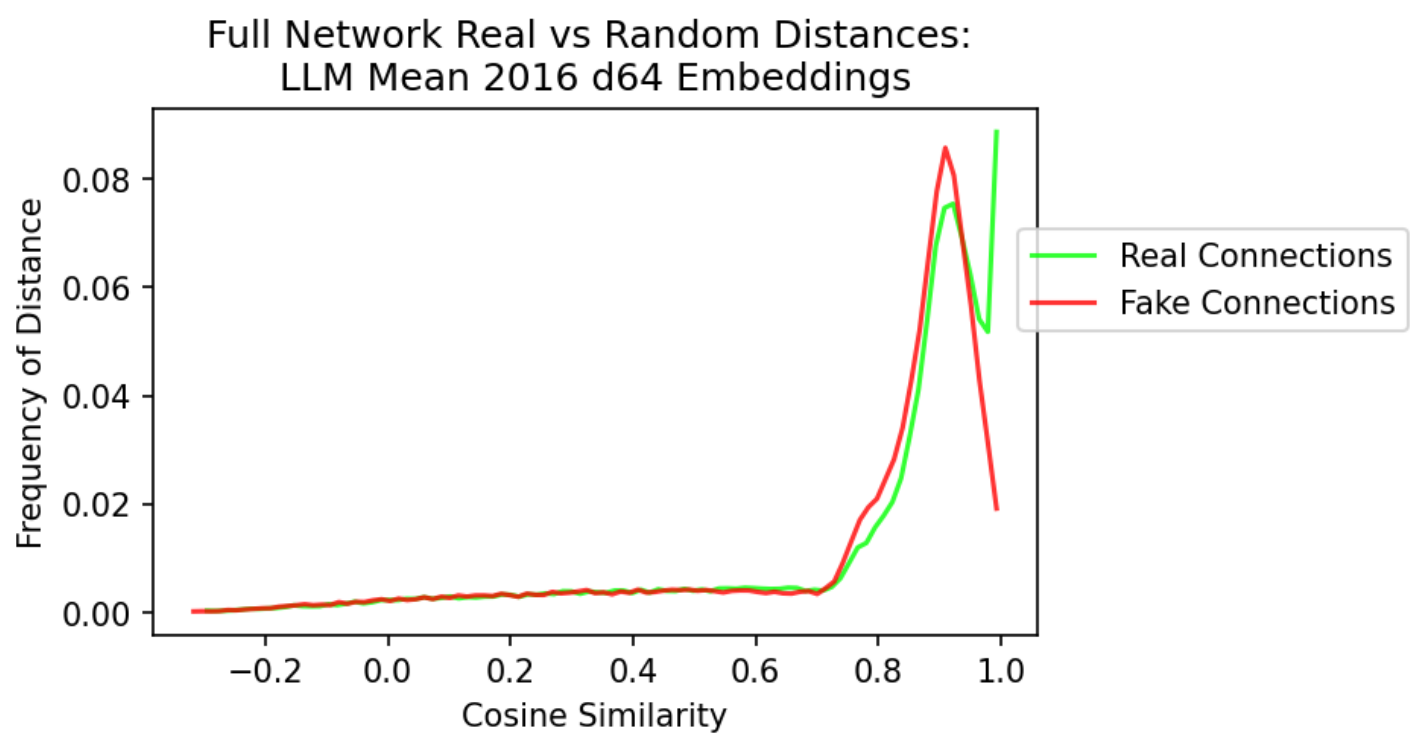
3. Prediction - Income at Age 30 (R^2)

	Baseline	LLM Mean 2016 d64	LLM Mean 2016 d64 + Base
2011	-0.015	0.342	**0.785**
2012	-0.009	0.494	**0.629**
2013	-0.001	**0.418**	0.108
2014	-0.007	0.515	**0.52**
2015	-0.007	**0.498**	0.457
2016	-0.005	0.443	**0.485**
2017	-0.003	**0.388**	0.333
2018	-0.001	0.255	**0.277**
2019	-0.0	0.169	**0.207**
2020	-0.001	0.153	**0.182**
2021	-0.004	0.06	**0.138**
OVERALL	0.164	0.248	**0.278**

Test Counts

	LLM Mean 2016 d64	LLM Mean 2016 d64 + Base
2011	38785	35612
2012	38259	34239
2013	38413	33776
2014	39649	34505
2015	40327	34957
2016	41297	35811
2017	41095	35926
2018	40521	35616
2019	40512	36015
2020	41560	37522
2021	41156	37483
OVERALL	441574	391462

5. Prediction - Marriage (Mean Accuracy)

5.1 Binary Prediction (Real vs. Fake Pairs)

	Baseline	LLM Mean 2016 d64	LLM Mean 2016 d64 + Base
2011	-0.0	0.605	0.015
2012	-0.0	0.597	0.015
2013	-0.001	0.583	0.015
2014	-0.001	0.57	0.013
2015	-0.001	0.556	0.01
2016	-0.001	0.544	0.007
2017	-0.0	0.53	0.003
2018	-0.0	0.515	0.0
2019	-0.0	0.506	-0.004
2020	-0.002	0.491	-0.009
2021	-0.005	0.476	-0.017
OVERALL	-0.001	0.527	0.003

Test Counts

	LLM Mean 2016 d64	LLM Mean 2016 d64 + Base
2011	24541	5117
2012	24765	5936
2013	21627	5712
2014	22333	6347
2015	22010	6201
2016	21970	6118
2017	21489	5828
2018	20917	5408
2019	19557	4729
2020	15157	3074
2021	16434	3186
OVERALL	278123	66239

6. Prediction - Partnerships (Mean Accuracy)

6.1 Binary Prediction (Real vs. Fake Pairs)

	Baseline	LLM Mean 2016 d64	LLM Mean 2016 d64 + Base
2011	-0.0	**0.483**	-0.061
2012	-0.0	**0.496**	-0.054
2013	-0.001	**0.523**	-0.04
2014	-0.0	**0.548**	-0.016
2015	-0.0	**0.569**	-0.0
2016	-0.0	**0.585**	0.013
2017	-0.0	**0.596**	0.021
2018	-0.0	**0.61**	0.032
2019	-0.0	**0.622**	0.043
2020	-0.0	**0.629**	0.053
2021	-0.0	**0.646**	0.06
OVERALL	0.002	**0.585**	0.01

Test Counts

	LLM Mean 2016 d64	LLM Mean 2016 d64 + Base
2011	3513	3335
2012	3334	3155
2013	3361	3173
2014	3777	3605
2015	4703	4497
2016	5753	5500
2017	6535	6264
2018	7210	6929
2019	7782	7499
2020	8593	8255
2021	9226	8755
OVERALL	76531	73053