

## Experimental Result

1. Check the performance of CDNK in cases of using discrete label or continuous labels

Disease	Dataset	Diffusion source	Discrete	Continuous
6	BioGPS	HPRD	0.65	0.66
		BioGPS		0.66
		Pathways		0.66

2. Performance of CDNK on union graph for each disease

Disease	0	1	2	3	4	5	6	7	8	9	10	11	Over all
AUC	0.81	0.64	0.83	0.64	0.62	0.71	<b>0.94</b>	<b>0.90</b>	0.70	0.72	0.80	0.84	<b>0.79</b>