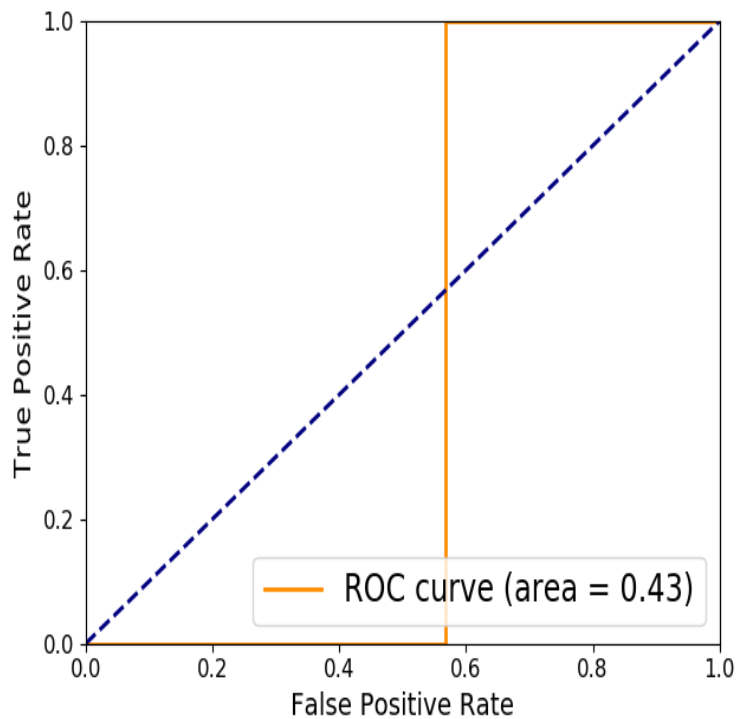
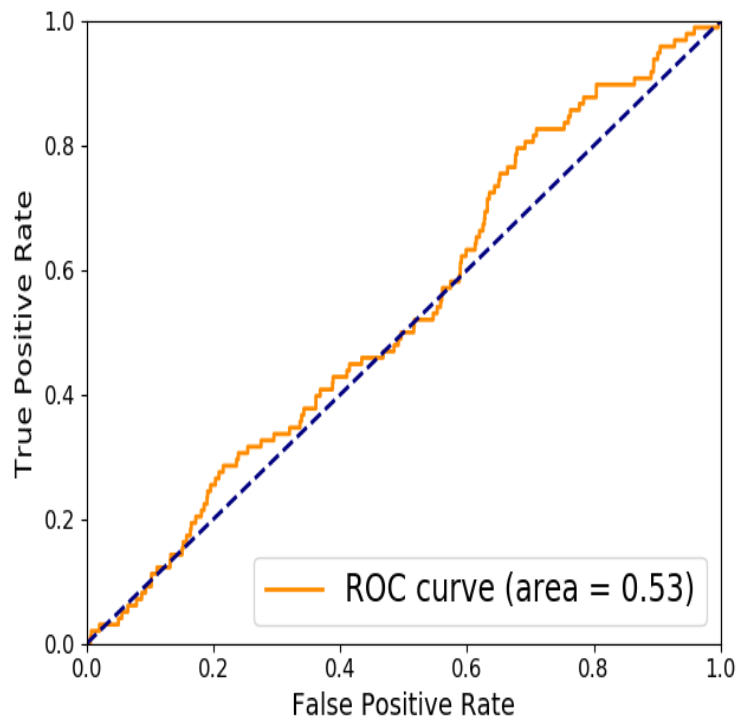


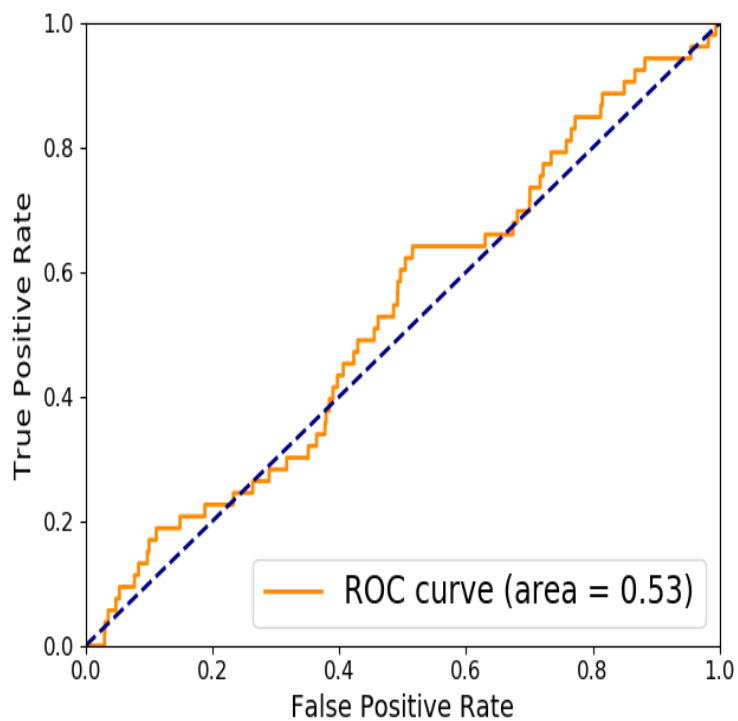
# Diffusion ROC from ADSP Only to Overlapped STRING10\_combined.png



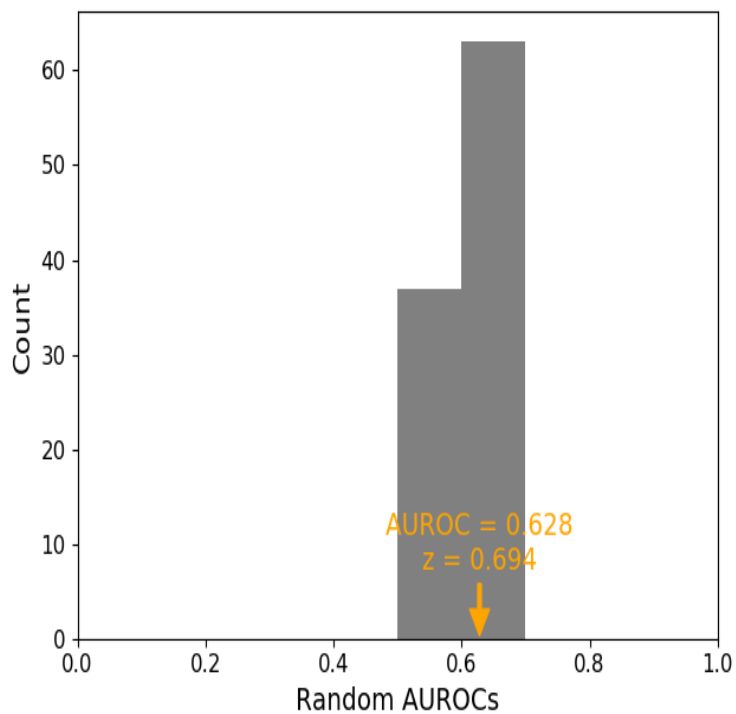
# Diffusion ROC from Overlapped to Non-overlapped in both groups STRING



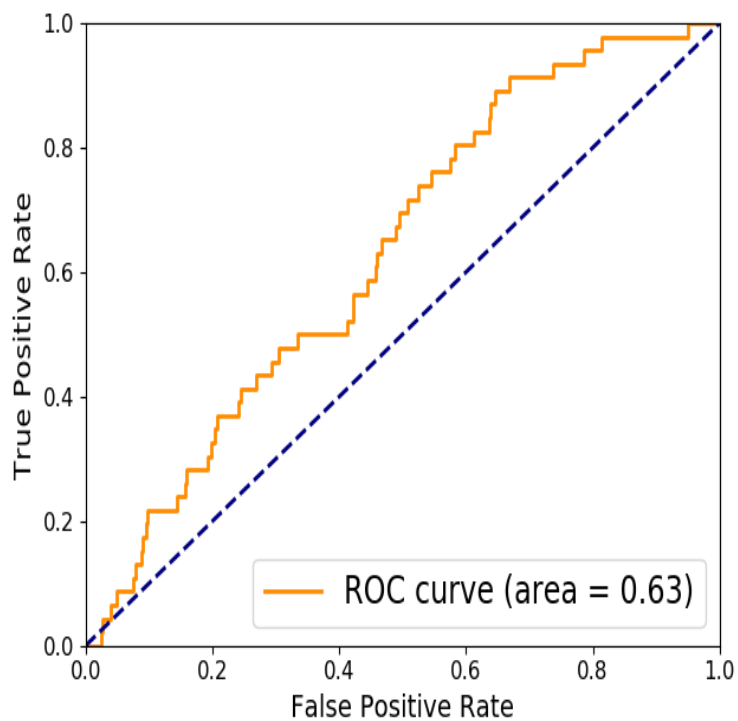
## show\_2\_Diffusion ROC from Marttinen\_topProtein Only to ADSP STRING1



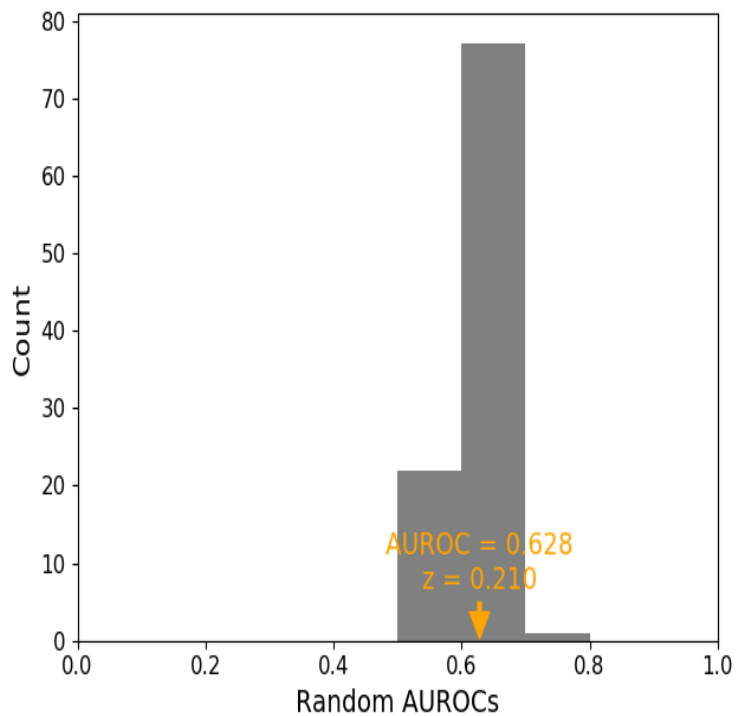
# show\_11\_Zt\_degree-matched\_from ADSP Only to Marttinen\_topProtein.pn



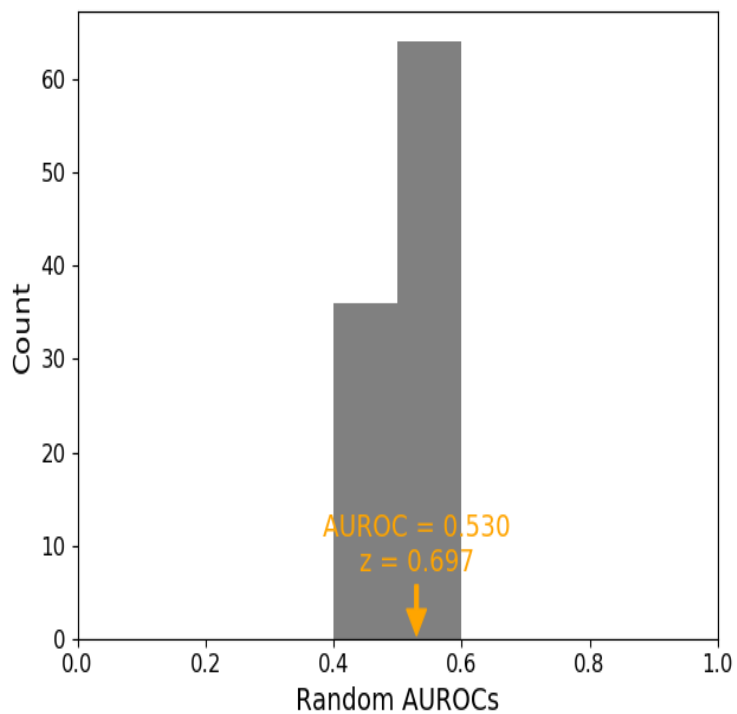
# Diffusion ROC from ADSP Only to Marttinen\_topProtein Only STRING10\_c



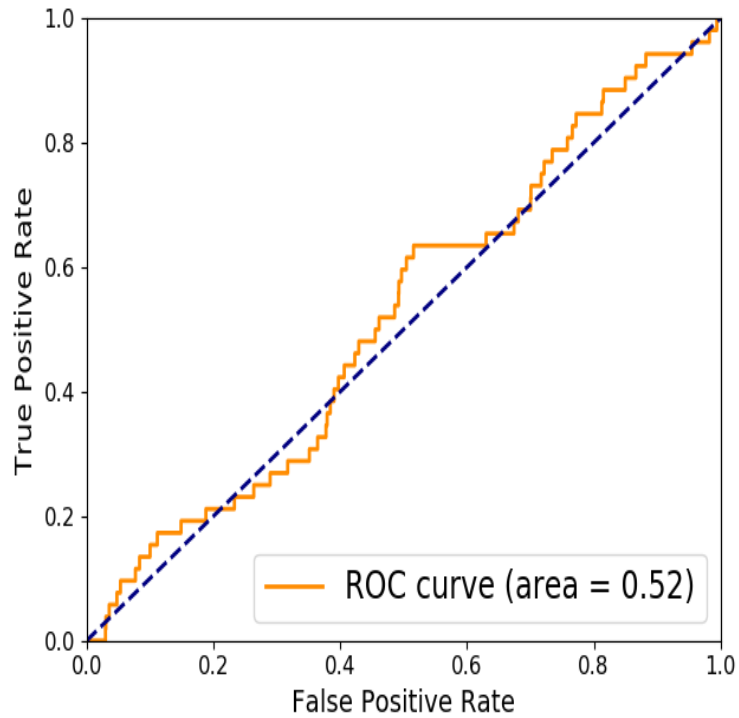
# show\_12\_Zf\_degree-matched\_from ADSP Only to Marttinen\_topProtein.pn



show\_21\_Zt\_degree-matched\_from Marttinen\_topProtein Only to ADSP.pn

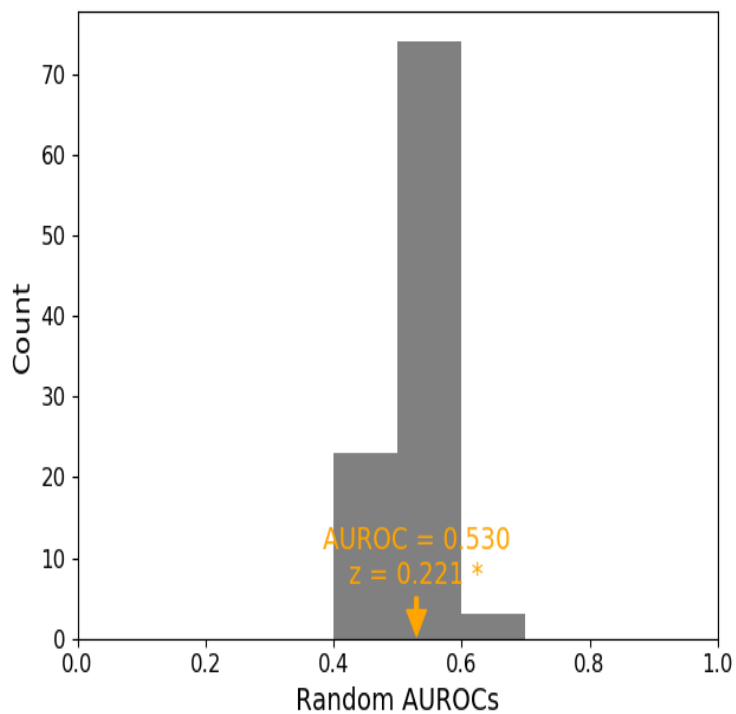


# Diffusion ROC from Marttinen\_topProtein Only to ADSP Only STRING10\_c

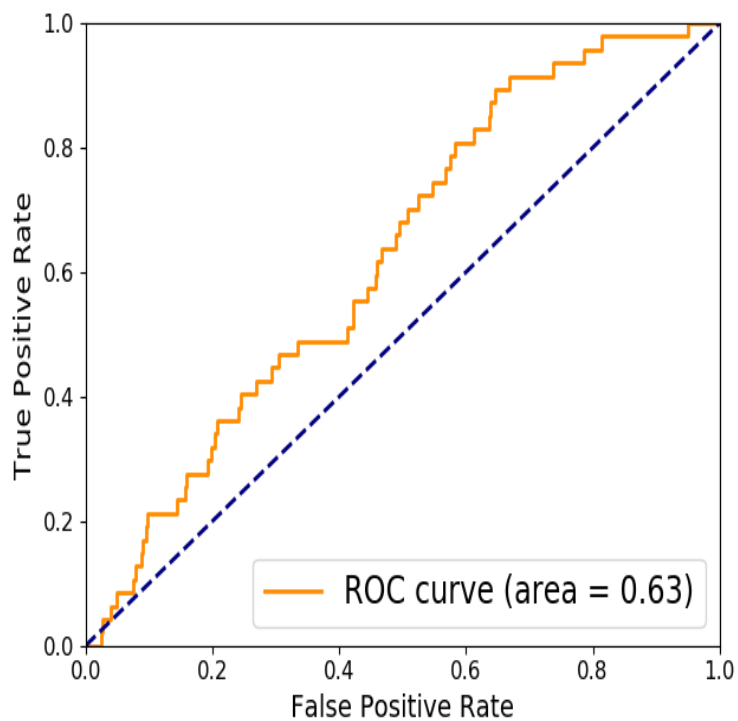




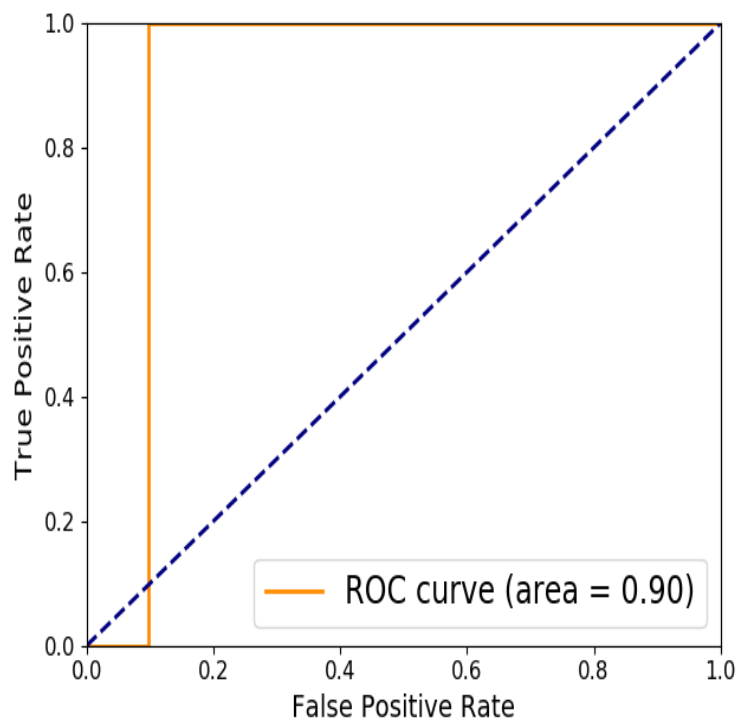
show\_22\_Zf\_degree-matched\_from Marttinen\_topProtein Only to ADSP.pn



# show\_1\_Diffusion ROC from ADSP Only to Marttinen\_topProtein STRING1



## Diffusion ROC from Marttinen\_topProtein Only to Overlapped STRING10\_c



Diffusion FROM	Diffusion TO	AUROC	Zt (degree-matched)	Zt (uniform)	Zf (degree-matched)	Zf (uniform)
ADSP only	Marttinen	0.628	0.694	2.962	0.210	0.299
ADSP only	Marttinen	0.632	0.802	3.425	0.055	0.427
Marttinen	ADSP only	0.522	0.287	0.565	0.357	0.723
ADSP only	Overlapped	0.432	-1.594 *	-0.449 *	-1.949 *	-1.766 *
Marttinen	Overlapped	0.902	1.308 *	1.322 *	0.661 *	1.055 *
Overlapped	Non-overlapped	0.534	-0.415	1.083	-0.656 *	-0.808

Z-scores are computed for the experimental AUROC based on distributions of the random AUROCs  
Zf : when randomizing source genes (Diffusion FROM)  
Zf : when randomizing recipient genes (Diffusion TO)  
Random genes are selected either uniformly or degree matched  
\* : Distribution of random AUROC is not Gaussian

**	#Mapped	#Total	Not mapped genes
ADSP Only	52	53	IQCF6
Marttinen_topProtein Only	46	47	cDNA FLJ60385
Overlapped	1	1	NOP56

(end of file)