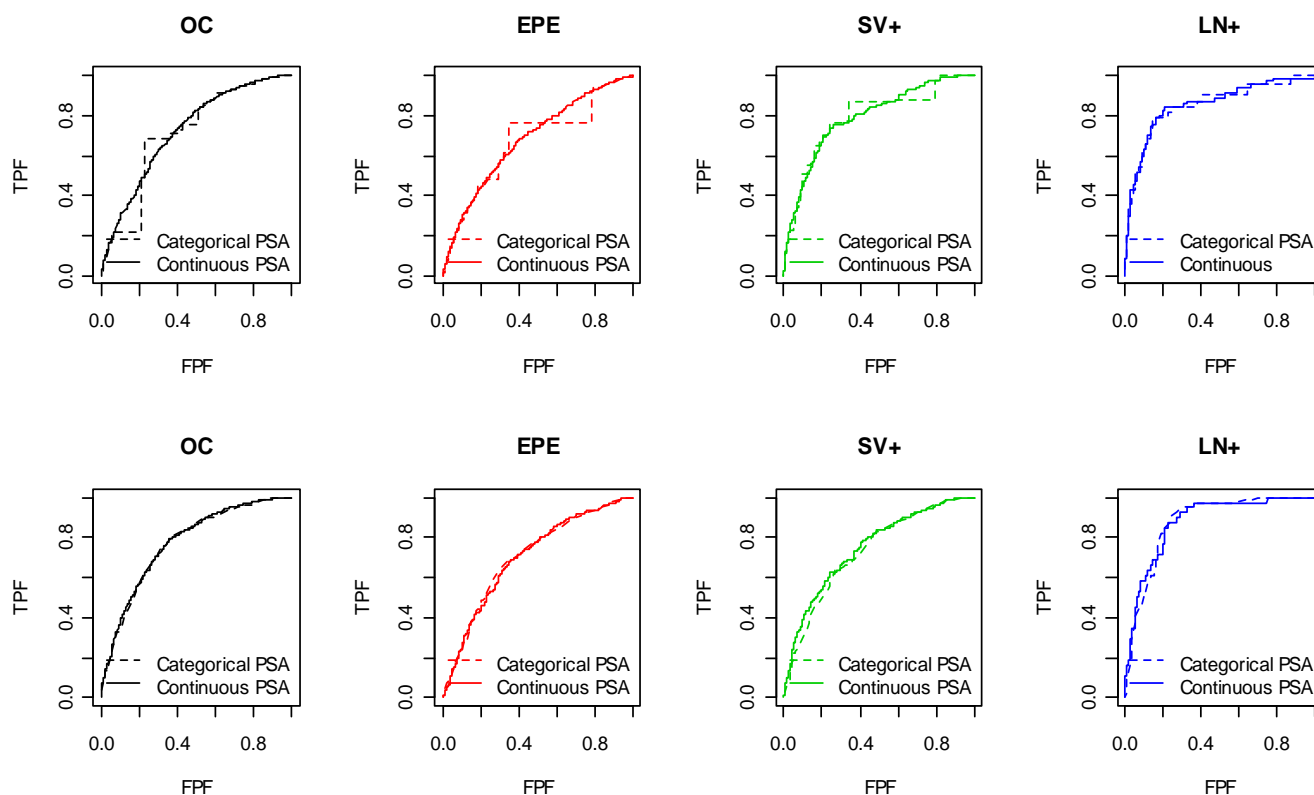


Supplementary Figure 1: ROC curves for OC, EPE, SV+, LN+ for the model with categorical PSA and the model with continuous PSA. The first row is based on JHH data and the second row is based on UCHE data.



	Area under ROC Curves-JHH Cohort			Area under ROC Curves-UCHE Cohort		
	Categorical PSA	Continuous PSA	P Value	Categorical PSA	Continuous PSA	P Value
OC	0.718 (0.678-0.755)	0.723 (0.707-0.738)	0.800	0.770 (0.752-0.788)	0.773 (0.755-0.790)	0.183
EPE	0.691 (0.654-0.726)	0.680 (0.663-0.696)	0.471	0.703 (0.680-0.725)	0.700 (0.677-0.722)	0.242
SV+	0.789 (0.745-0.826)	0.791 (0.752-0.825)	0.835	0.731 (0.701-0.760)	0.748 (0.718-0.776)	<0.001
LN+	0.849 (0.793-0.893)	0.855 (0.799-0.898)	0.617	0.876 (0.835-0.908)	0.877 (0.837-0.908)	0.949