

Figure 1: Left panel: Annual numbers of PCI, annual numbers of CTO-PCI, and percentage of total PCI represented by CTO-PCI in England and Wales 2006-2014; Right panel: CTO-PCI as a percentage of stable angina PCI in England and Wales 2006-2014.

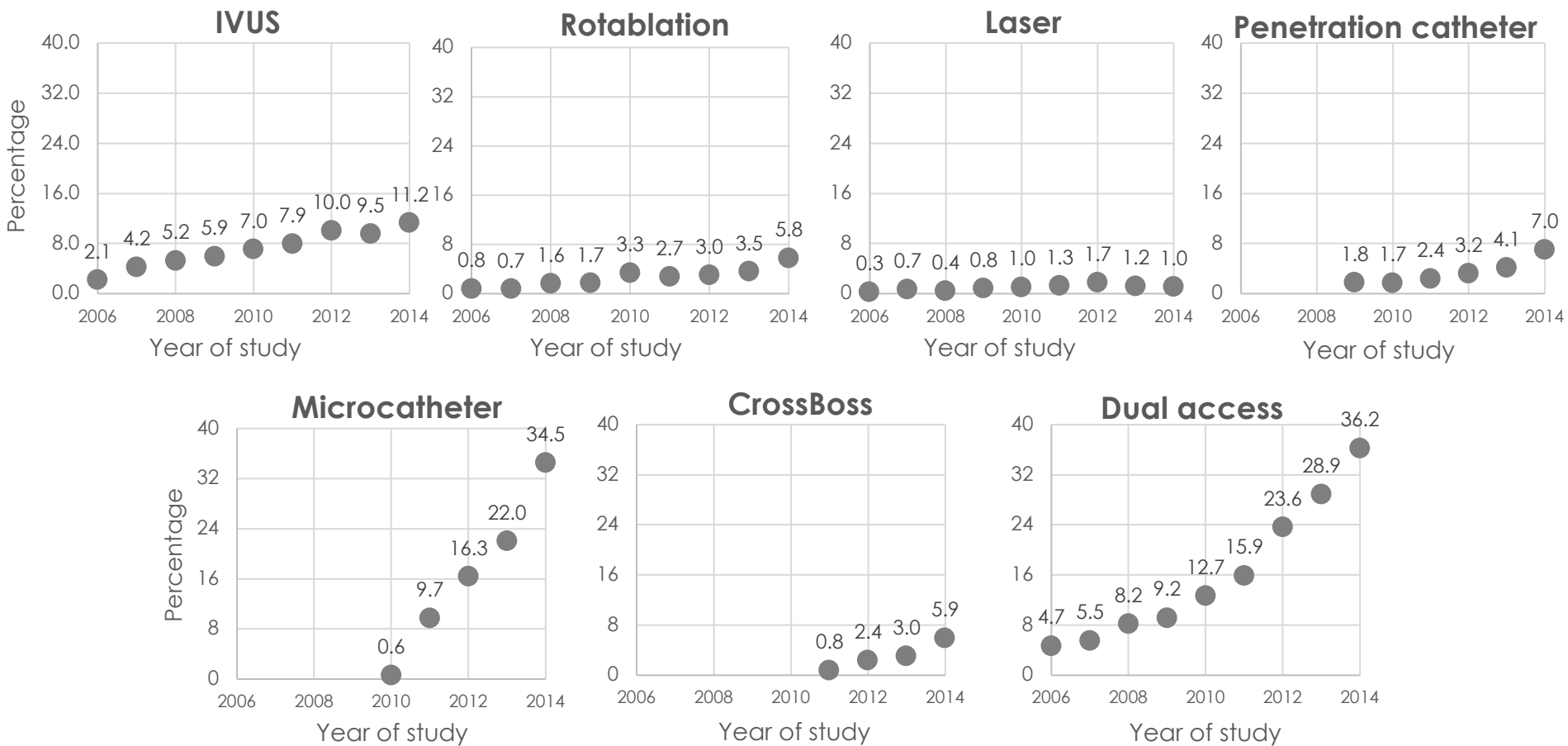


Figure 2: Percentage use per case of enabling strategies during CTO-PCI between 2006 and 2014. The p-value for the testing the slope of the linear regression line is significant for all variables ($p < 0.001$).

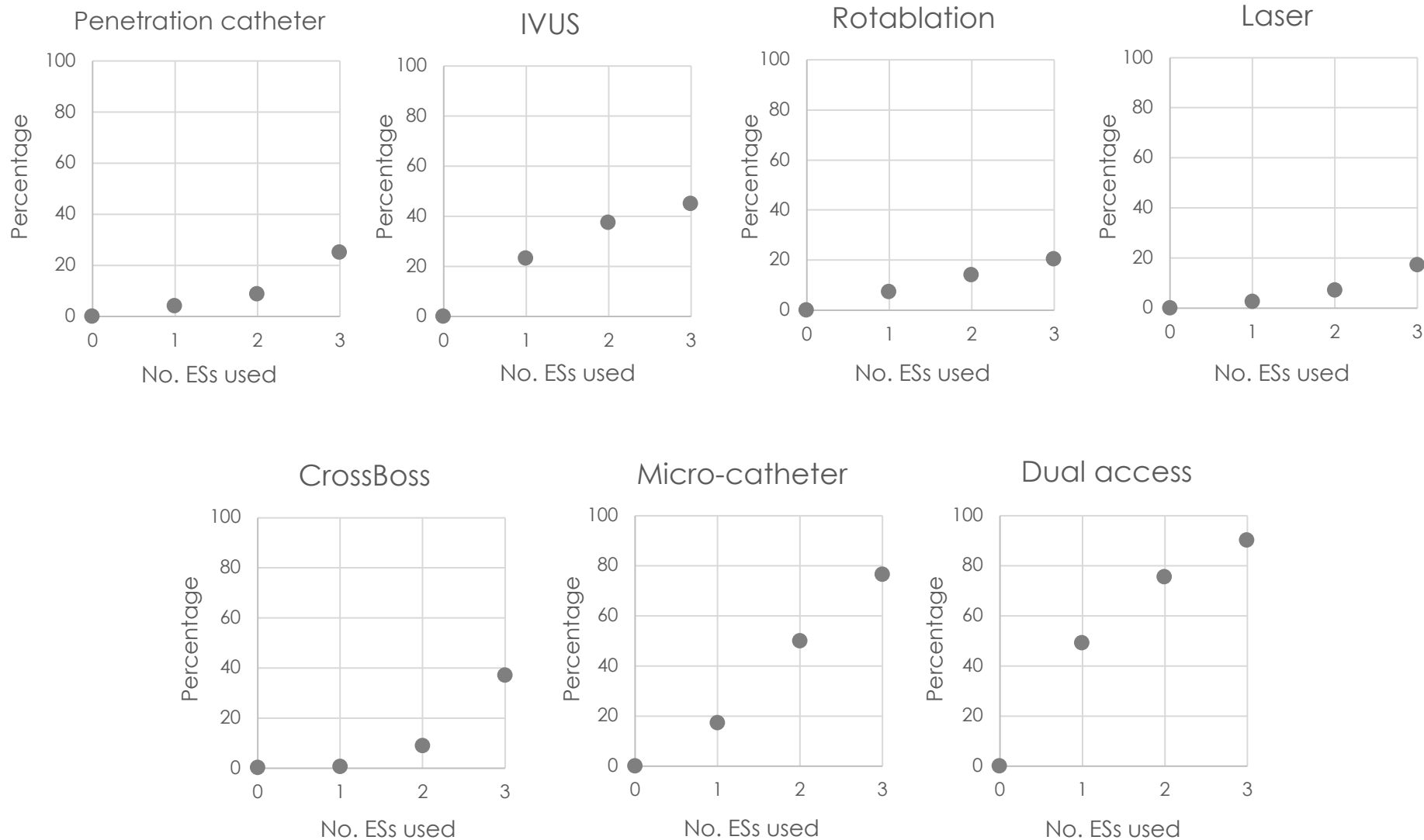


Figure 3: Plots of the individual components of the ES score. The p-value for the testing the slope of the linear regression line is significant for all factors ($p < 0.001$).

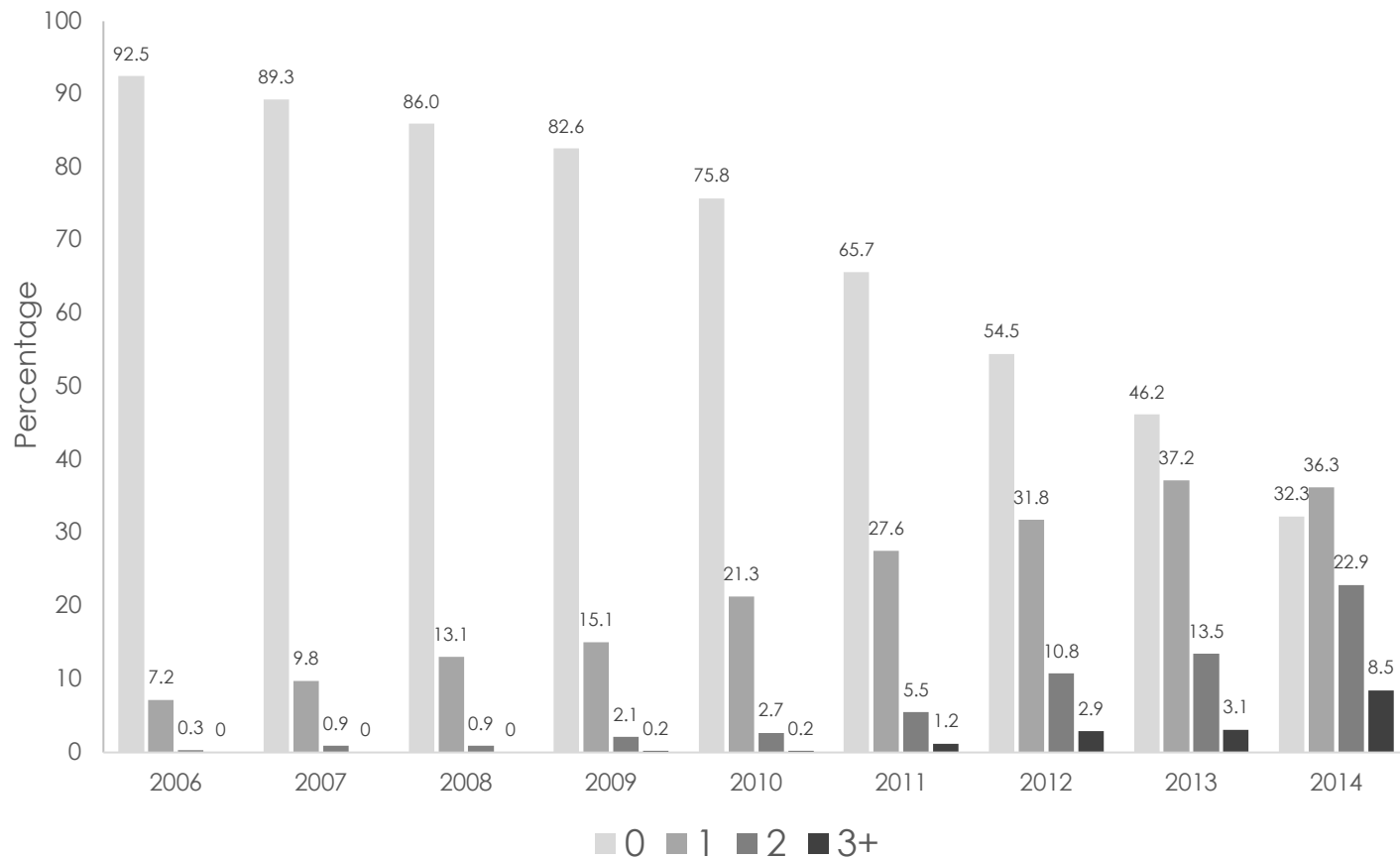


Figure 4: Temporal change in annual percentages of CTO enabling strategy use (zero to 3 or more per case) during CTO-PCI between 2006 and 2014 ($p < 0.001$ for all trends)

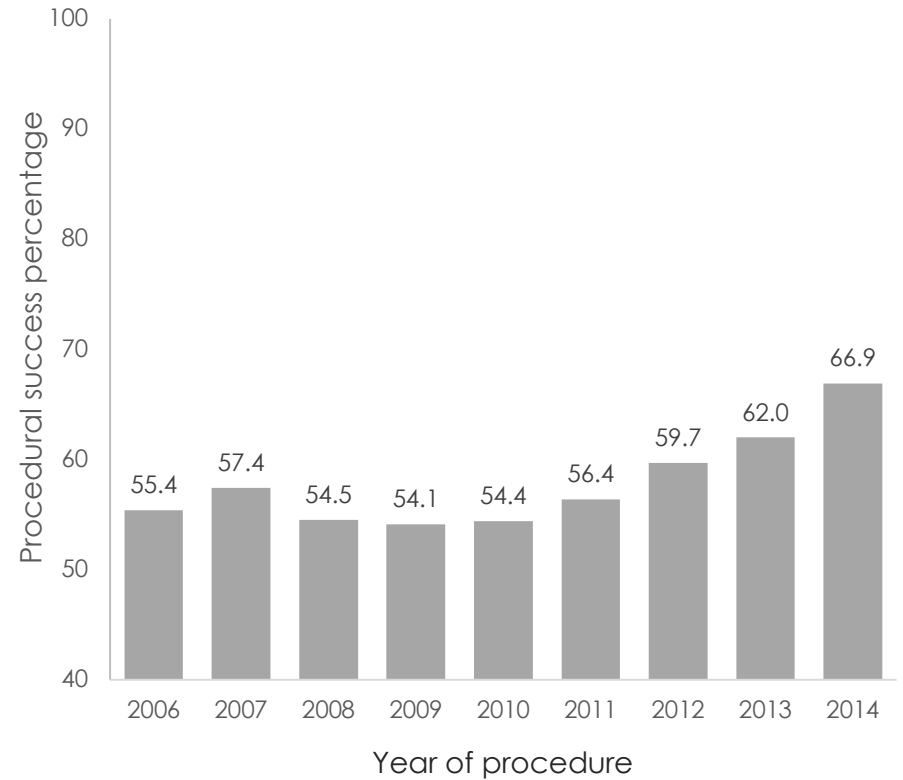
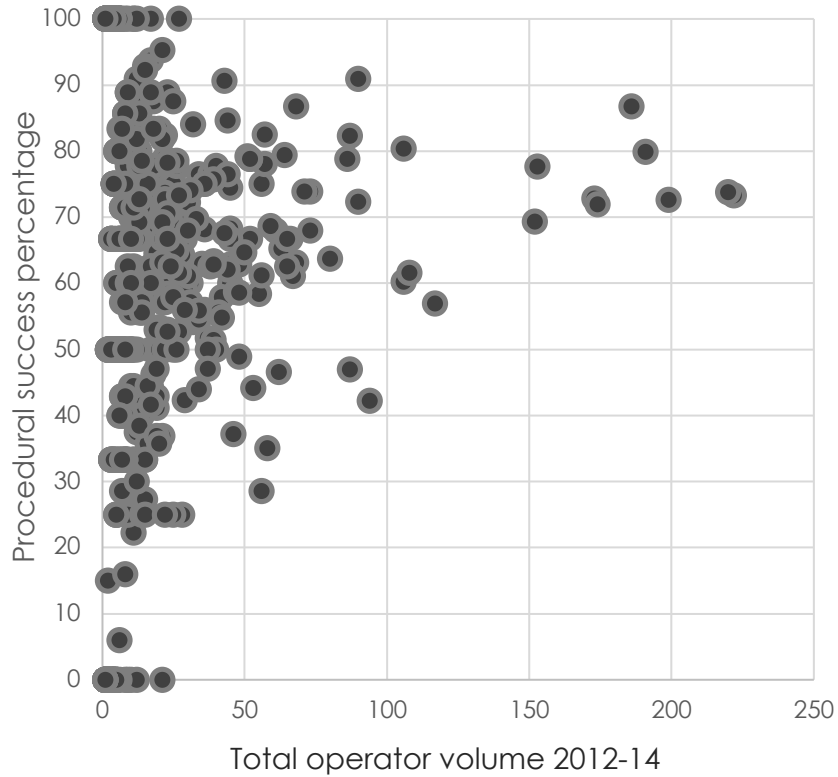


Figure 5: Left Panel - procedural success by operator volume, $p < 0.0001$ for trend); Right panel - temporal change in procedural success for all CTO-PCI procedures performed between 2006 and 2014 ($p < 0.001$ trend).

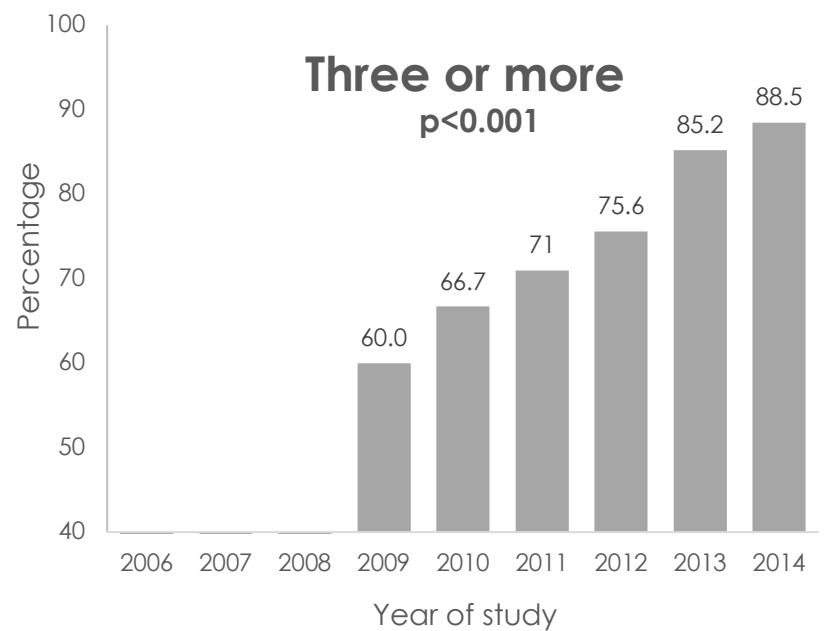
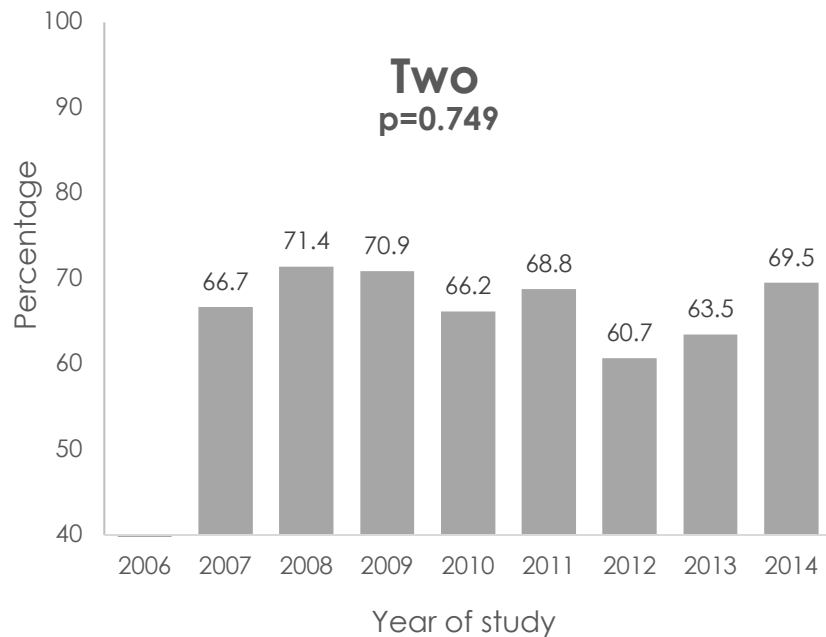
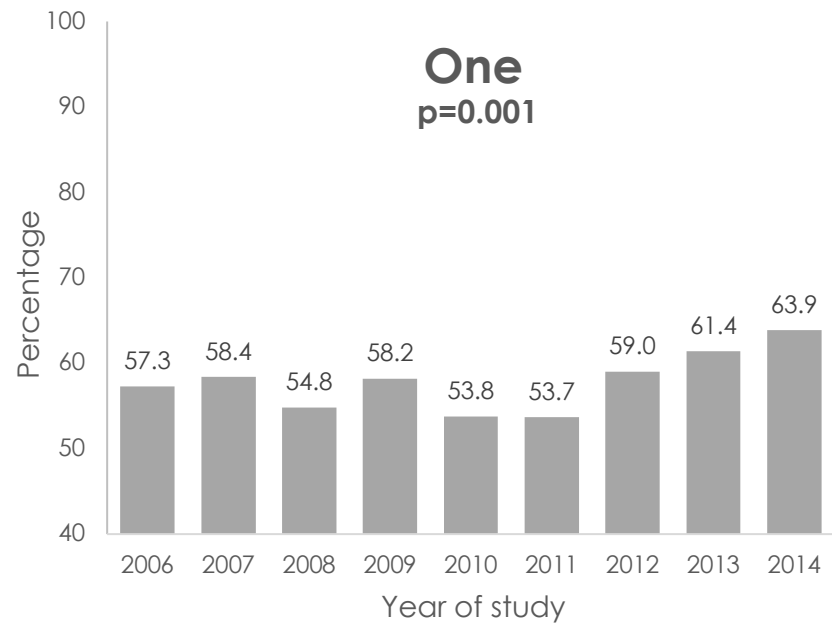
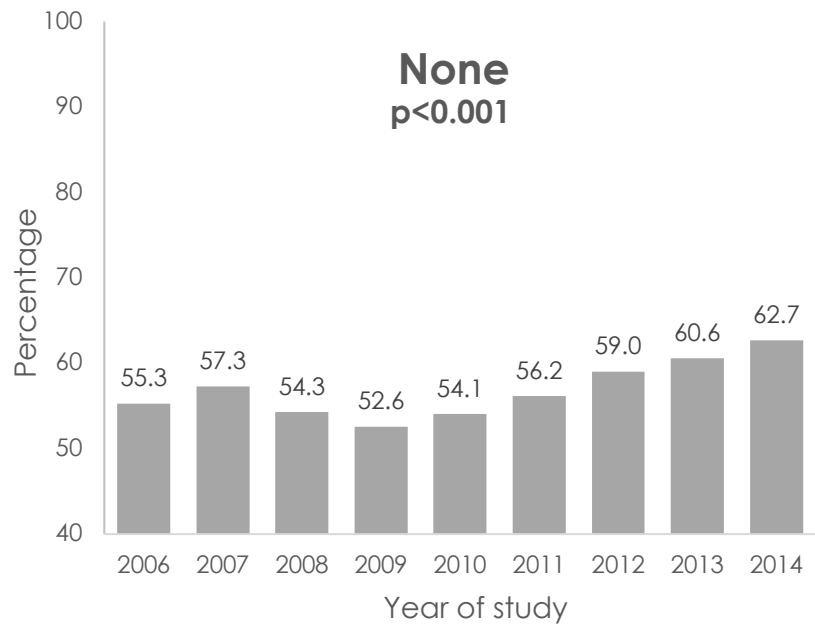


Figure 6: Temporal change in procedural success by the number of CTO enabling strategies used for CTO-PCI procedures performed between 2006 and 2014.

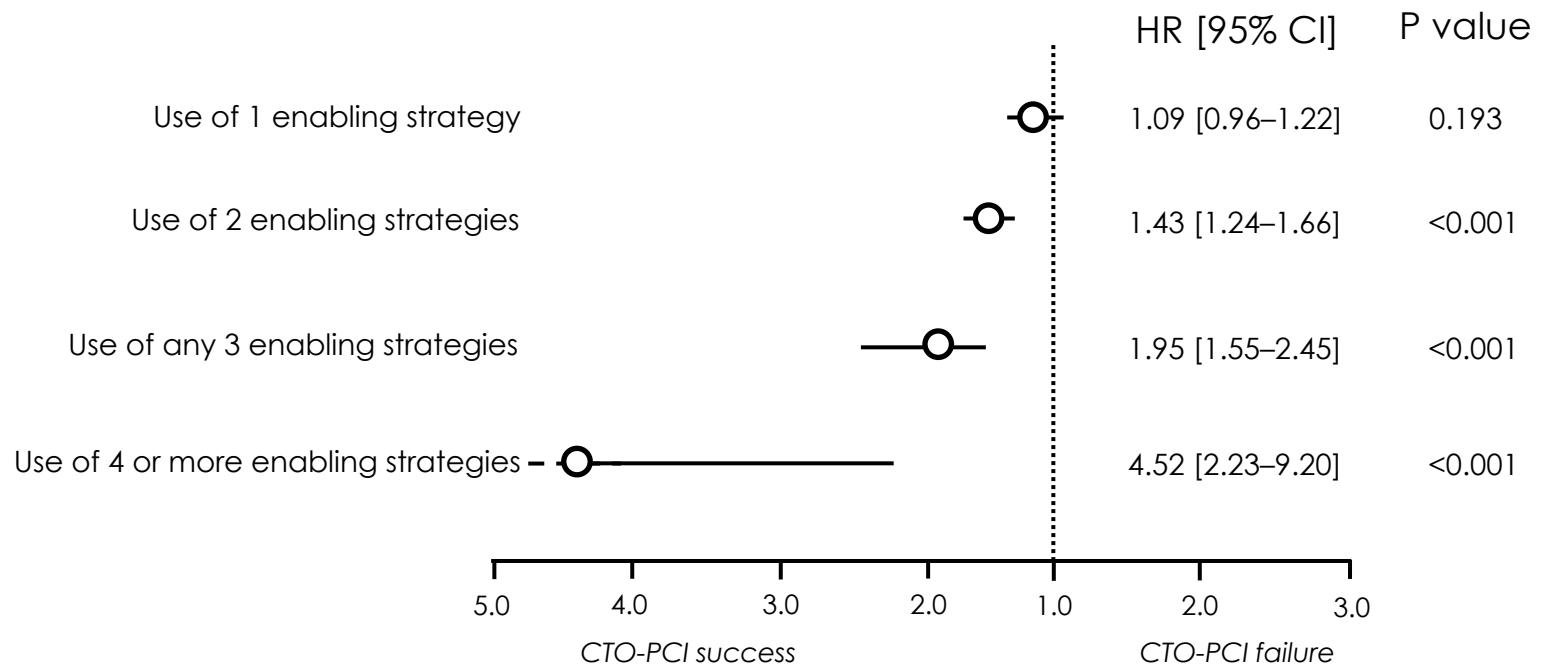


Figure 7: Association between enabling strategy use and likelihood of procedural success during CTO-PCI performed between 2006 and 2014. Odds ratios are compared to no enabling strategy use.