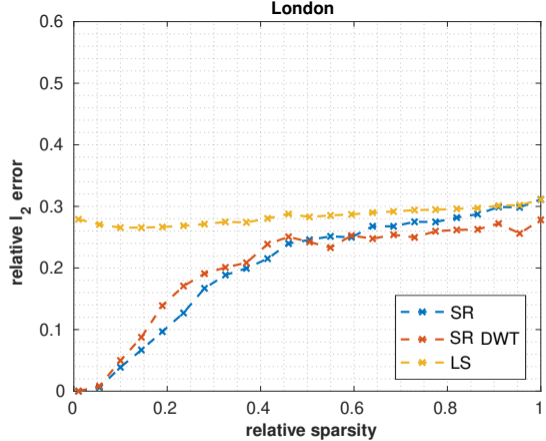


(a)  $\frac{m}{n} \approx 50\%$



(b)  $\frac{m}{n} \approx 75\%$