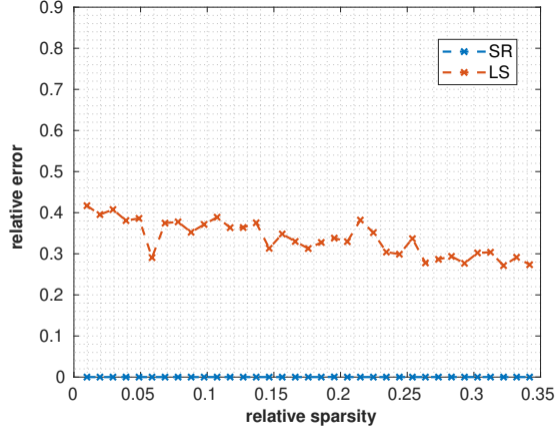


(a) $\frac{m}{n} \approx 50\%$



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