PA with GSA / **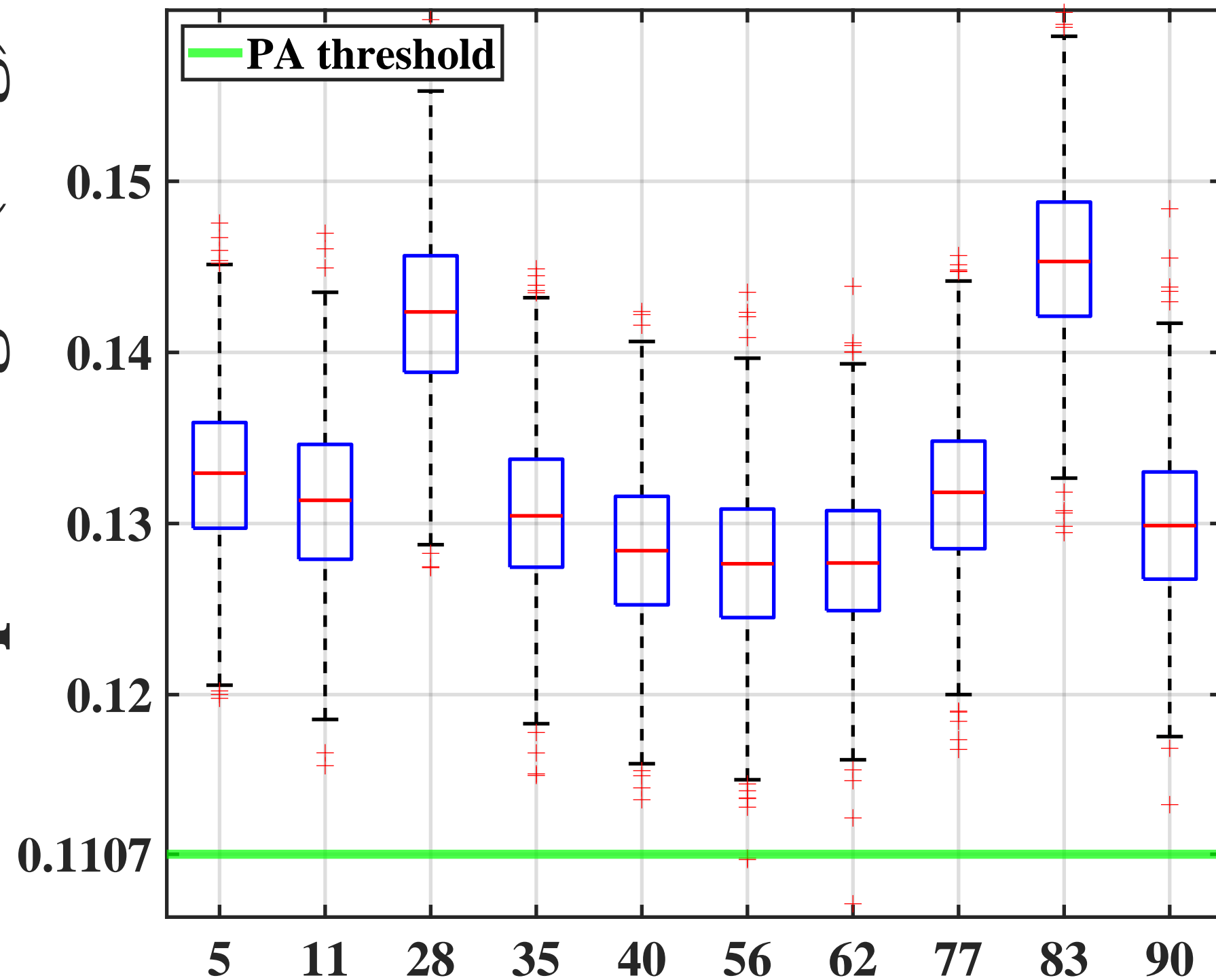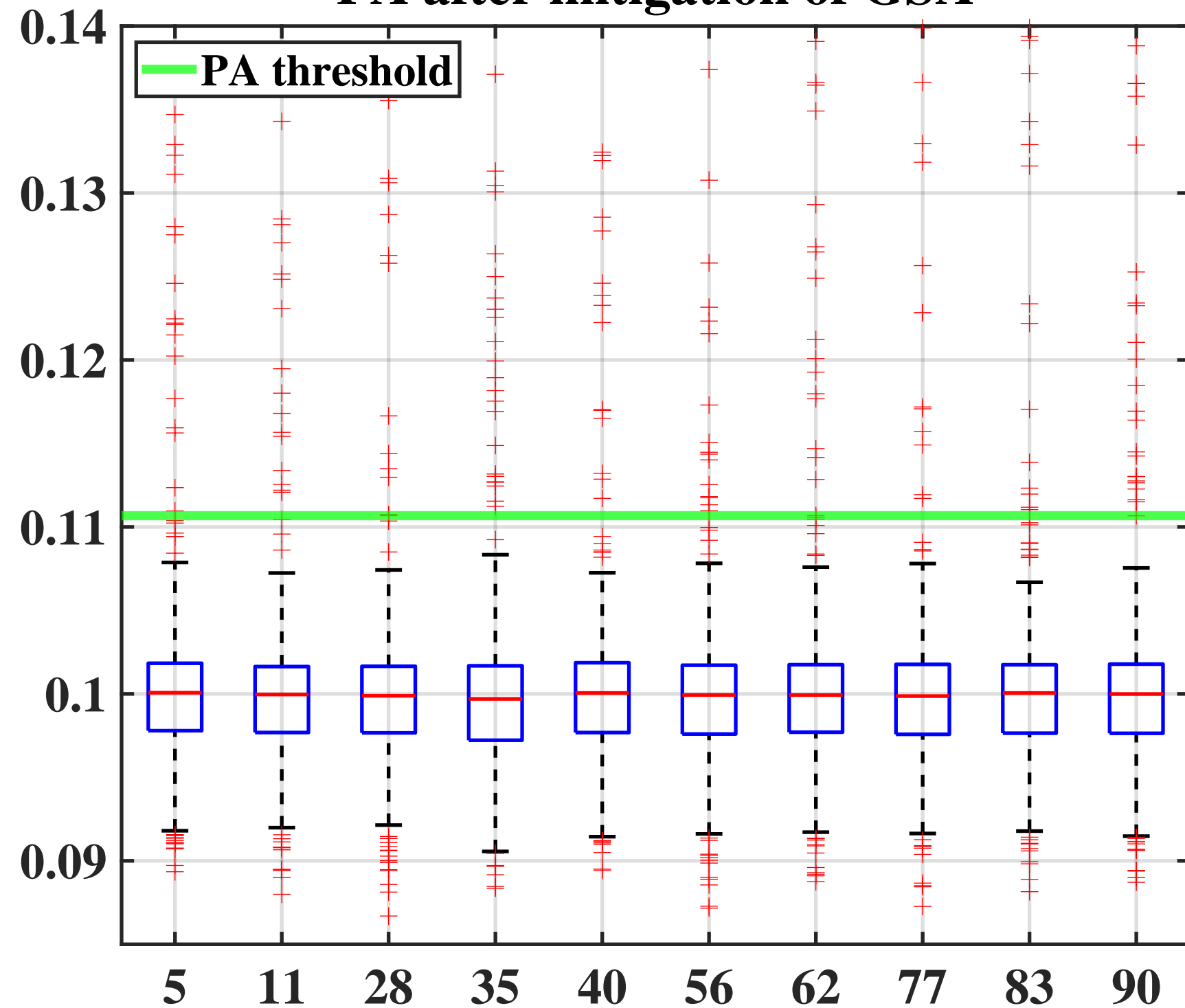PA after mitigation of GSA**