

Figure 3: Scatter-plots where the x-axis corresponds to the time (s) for the BFA to decipher whereas the y-axis corresponds to the time (s) of the OBA to decipher. Each dot corresponds to a random text. For both methods, the same random text needs to be deciphered. Here we study the impact of the value of  $p$  on the different run times.

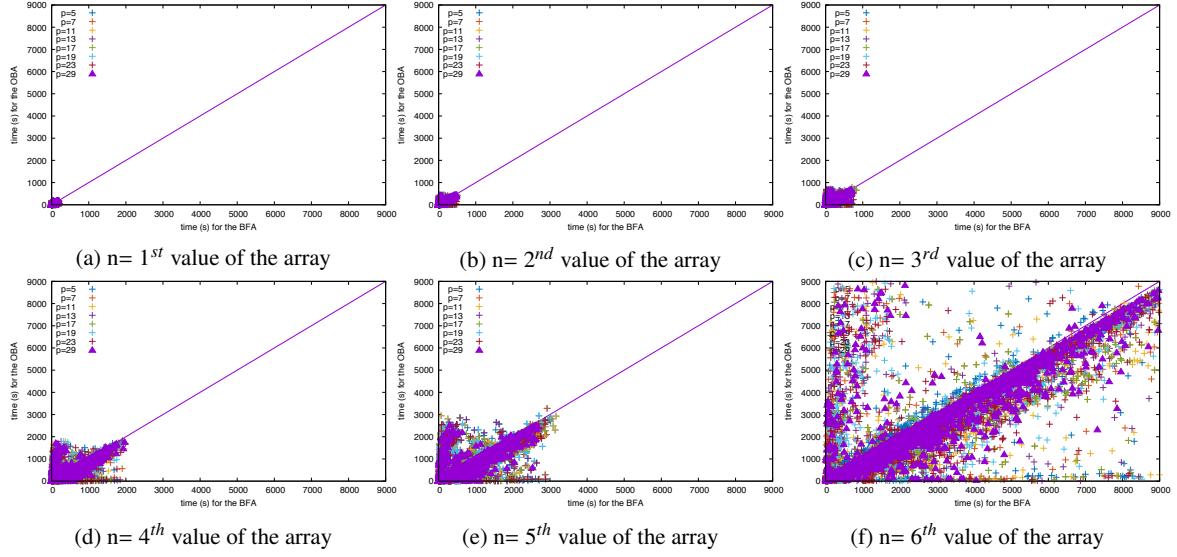


Figure 4: Scatter-plots where the x-axis correspond to the time (s) for the BFA to decipher whereas the y-axis correspond to the time (s) for the OBA to decipher. Each dot corresponds to a random text. For both methods, the same random text needs to be deciphered. Here we study the impact of the value of  $n$  and  $p$  on the different run times.