| Reference | Det./Rand. | Space | Graph $G$ | Running Time |
|---|---|---|---|---|
| Prieto et al. | *det* | *poly* | Undirected | $O^*(2^{O(k \log k)})$ |
| Gutin al. | *det* | *exp* | Directed | $O^*(2^{O(k \log k)})$ |
| Cohen et al. | *det* | *exp* | Directed | $O^*(55.8^k)$ |
| | *rand* | *poly* | Directed | $O^*(49.4^k)$ |
| Fomin et al. | *det* | *exp* | Directed | $O^*(16^{k+o(k)})$ |
| | *rand* | *poly* | Directed | $O^*(16^{k+o(k)})$ |
| Fomin et al. | *det* | *poly* | Undirected | $O^*(8^k)$ |
| Shachnai et al. | *det* | *exp* | Directed | $O^*(6.855^k)$ |
| Daligault , Zehavi | *rand* | *poly* | Directed | $O^*(4^k)$ |
| Li et al. | *det* | *poly* | Undirected | $O^*(4^k)$ |
| Zehavi | *det* | *exp* | Directed | $O^*(5.139^k)$ |
| | *rand* | *exp* | Directed | $O^*(3.617^k)$ |
| **This paper** | **rand** | **poly** | **Undirected** | $\mathbf{O^*(3.455^k)}$ |