In addition to CDCL solvers and pseudo-Boolean solvers, we explored other promising tools like Gurobi, SageMath, and Unidom for solving the queen domination problem. Solving the problem using SageMath and Unidom is straightforward, each requiring only a single line of code. Therefore, the code for SageMath and Unidom is not included here. However, the code for solving the problem using Gurobi is available in the code/ folder.

Beyond these tools, I also experimented with Z3 and OR-Tools. Since these were not part of the main experiments, their results are not reported here. However, I have included the code for solving the queen domination problem with OR-Tools for reference. Unfortunately, I misplaced my Z3 code, but it should be easy to adapt one of the available scripts, such as those for SAT solvers, Gurobi, or OR-Tools, to work with Z3.

Below is a summary of the results.

n	Unidom	SageMath	Gurobi
10	**0.2109**	0.3620	0.8300
11	**0.1774**	3.9500	2.3700
12	**0.2723**	38.9000	5.3000
13	**1.4959**	135	7.3900
14	**31.1642**	Time Out	34.59
15	1080.22	Time Out	**485.40**