

ID algorithm for discovering new identification strategies

ID algorithm (Shpitser & Pearl 2006) is an advanced algorithm for identification of causal effect. To use the ID algorithm, you can specify the method name,

```
>>> # model is an instance of CausalModel
>>> identified_estimand = model.identify_effect(method="id-algorithm")
>>> print(identified_estimand)
```

Alternatively, you can use the functional API.

```
>>> from dowhy.causal_identifier import identify_effect_id
>>> identified_estimand_id = identify_effect_id(
>>>     graph, treatment_name, outcome_name,
>>> )
>>> # Note that the return type for id_identify_effect is IDExpression and not Ide
>>> print(identified_estimand)
```

To see the ID algorithm in action, check out the example notebook, [Identifying Effect using ID Algorithm](#).

Previous

< [Natural experiments and instrumental variables](#)

Next

[Estimating average causal effect using backdoor](#) >