

**Did investigator
assign exposures?**

Yes

Experimental Study

No

Random Allocation?

Yes

No

**Randomized
Controlled
Trials**

**Non-
Randomized
Controlled
Trials**

Comparison group?

Yes

No

**Analytical
Study**

**Descriptive
Study**

Direction?

Exposure ➤ Outcome

Exposure ↔ Outcome

**Cohort
Study**

**Case-
Control
Study**

Exposure and
Outcome at
the same time

**Cross-
sectional
Study**