

# 健保資料庫研究與分析- propensity score (補充)

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# PS-課程補充-1

```
proc logistic data=ps plots(only)=(roc(id=obs) effect);  
class index_class (ref='FGA') ID_S (ref='1');  
model index_class =  
age ID_S
```

Schizophrenia

Depression

Dyslipidemia

IHD

HTN

COPD

antidiabete

Statin

diuretic

betablocker

CCB

```
/link=glogit selection=stepwise lackfit
```

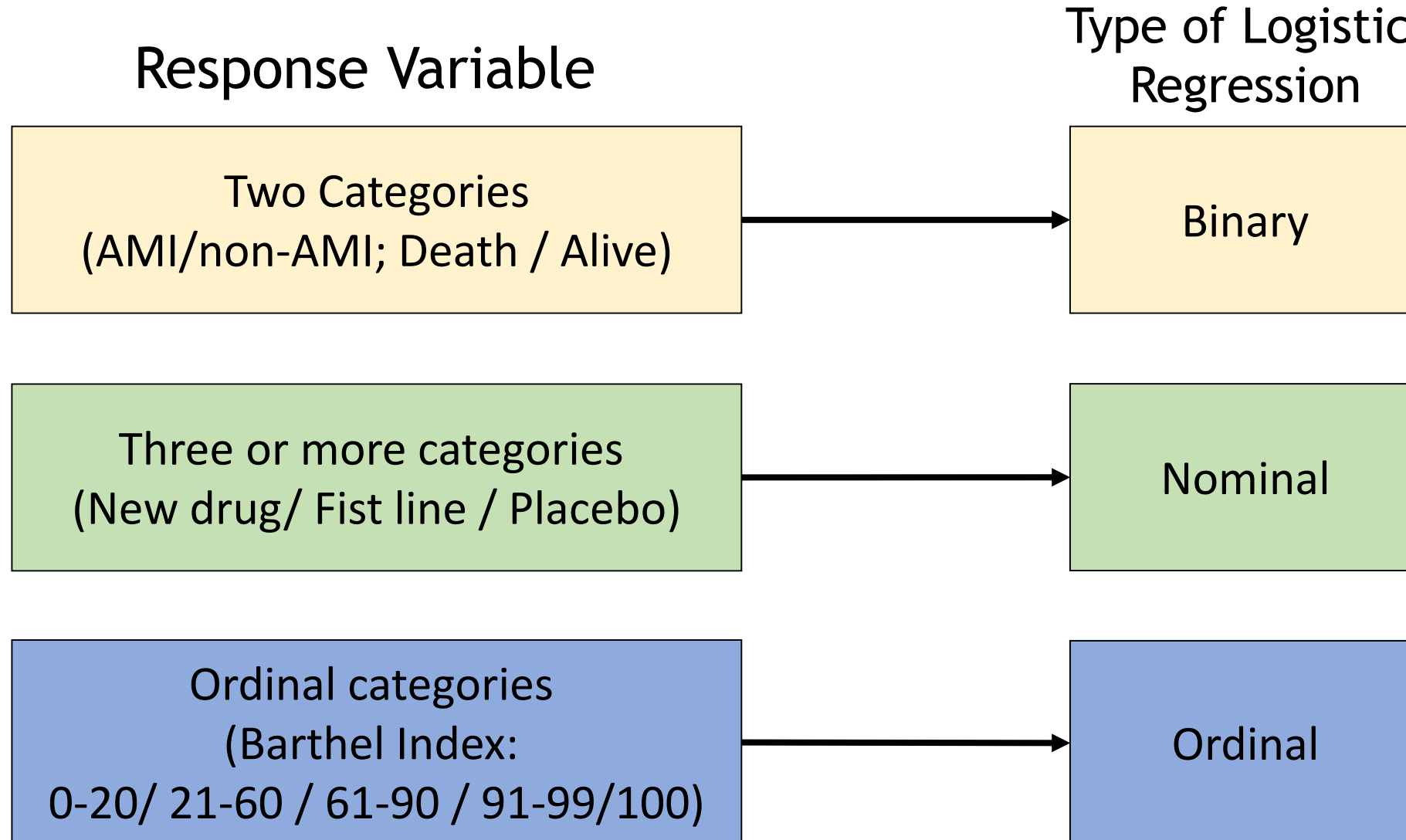
```
scale=none clparm=wald clodds=pl rsquare;
```

```
run;
```

## Propensity score model:

- **glogit**: generalized logit function.
- **selection**: specifies the method used to select the variables in the model (變數選擇).
- **clparm**: computes confidence intervals for parameters
- **clodds**: computes confidence intervals for odds ratios

# Generalized logit function.



# PS-課程補充-2 (修正)

```
proc logistic data=ps plots(only)=(roc(id=obs) effect);  
class index_class (ref='FGA') ID_S (ref='1');  
model index_class =  
age ID_S  
  
Schizophrenia  
Depression  
Dyslipidemia  
IHD  
HTN  
COPD  
  
antidiabete  
Statin  
diuretic  
betablocker  
CCB  
/ lackfit rsquare;  
run;
```

Propensity score model:

# 感謝您的聆聽

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