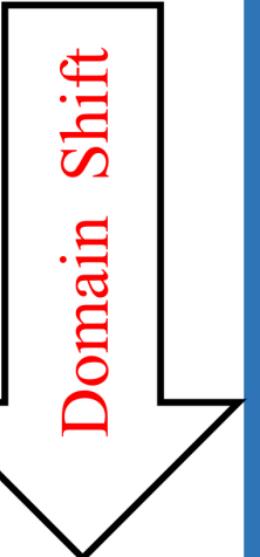Source Domain

Domain Shift

Target Domain

Covariate Shift

NEV   MEL   BKL   BCC

Hair   Dark corner

$P(x) \neq Q(x)$

Feature Distribution

Source
Target

$P(z) \neq Q(z)$

Label Shift

NEV
MEL
BKL
BCC

0.0   0.2   0.4   0.6

NEV
MEL
BKL
BCC

0.0   0.2   0.4   0.6

$P(y) \neq Q(y), P(x \mid y) \neq Q(x \mid y)$