PRIOR TO ANALYSIS

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unless there is some variable is normally need to try first one
that produces skew-

ations, the results of
when some variables differently prior to
the same moderate

ormal. Figure 4.7
are likely to render
the square root trans-
a log transformation
According to Bradley
ped distributions, but
arture from normality
 to try dichotomizing
en distributions have
ight. When they have
ive skewness, the best
ropriate transformation
core in the distribution
rre in the distribution.
constant. In this way,
itive skewness prior
ing them. If a variable is
ot transformation may
no advantage to trans-
fore you find the most

Figure 4.7 Distributions and common transformations to produce normality.

Control language for transforming variables in the four packages we consider
is given in Table 4.2. Notice that a constant is also added if the distribution contains
a value less than 1. A constant (to bring the smallest value to at least 1) is added
to each score to avoid taking the log, square root, or inverse of zero, a fraction, or a
negative number.

FROM
TABACHNIK & FIDEL