S3 framework, 14–15, 22	structural vector error correction
S4 framework, 14–19, 21–22, 25	(SVEC) models, 285,
Schwarz information criterion, 279,	288-289, 306-307
302-303	Student's <i>t</i> distribution
SDE see Stahel-Donoho estimator	dependence, 140, 142, 148,
second-order cone program (SOCP),	153-154
173, 179–180, 190–195	return distributions, 70–71
seemingly unrelated regression (SUR),	risk measures, 40–41, 41
303	robust portfolio optimization, 176
selectMethods function, 27	volatility, 117, 122–123
S-estimator, 166–167, 178, 180–190	stylized facts
setAs function, 14, 19	dependence, 148–149
setClass function, 14–16, 19	multivariate series, 32–35, <b>33</b> , <i>34</i> ,
setGeneric function, 14, 18–19	35
setMethods function, 14–15, 17–19,	return distributions, 80–82
26	univariate series, 29–32, <b>30</b> , <i>31</i> , <i>32</i>
setRefClass function, 20–22	sub-additivity, 43–44
setValidity function, 14–16	SUR <i>see</i> seemingly unrelated
shape parameter, 93	regression
shape plots, 63, 63, 80–82, <b>81</b> , 82,	SVAR <i>see</i> structural vector
84–86, <b>85</b> , 86	autoregressive
Sharpe ratios, 48–50, 203, 311–312,	SVEC <i>see</i> structural vector error
316–317, 323–326	correction
showMethods function, 26–27	correction
skewed distribution	tectical asset allocation (TAA)
return distributions, 62, 69–71,	tactical asset allocation (TAA), 274–338
80–82, 84–86	
	ARMA time series process,
risk measures, 40–41, 41	279–281, 297–302
robust portfolio optimization, 187	autoregressive time series process,
volatility, 117, 122–123	275–277, 300–302
SkewHyperbolic package, 70–71	Black–Litterman model, 274,
skew Laplace distribution, 69	289–292, 295–297, 307–313
slam package, 246	
S language, 6–7	concepts and definitions, 274
SMEM see structural multiple	copula opinion pooling model,
equation models	292–297, 313–318, <i>314</i> ,
SOCP see second-order cone program	315, 317–318
Stahel–Donoho estimator (SDE), 167,	empirical applications, 307–334
177–178, 180–190	entropy pooling model, 292,
standardized residuals, 151, 154–155	293–295, 304, 318–324,
structural multiple equation models	320-322
(SMEM), 281-284	moving average time series process
structural vector autoregressive	277-278, 300-302
(SVAR) models, 284–287,	multivariate time series models,
303-304	281-289