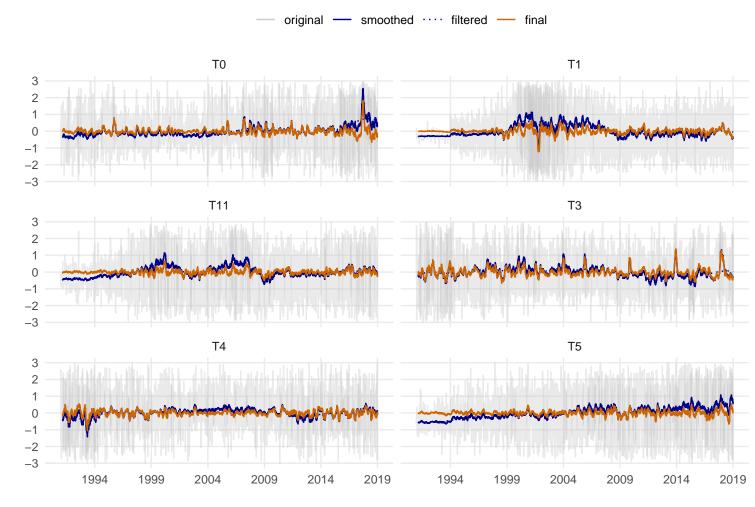# Transformation of topics series

smoothed = 60 day trailing moving average, filtered = biweight filter with bandwidth 600, final = smoothed minus filtered series.
Note that the range of the y−axes is restricted to [−3, 3] for better visibility of the smoothed and detrended series.