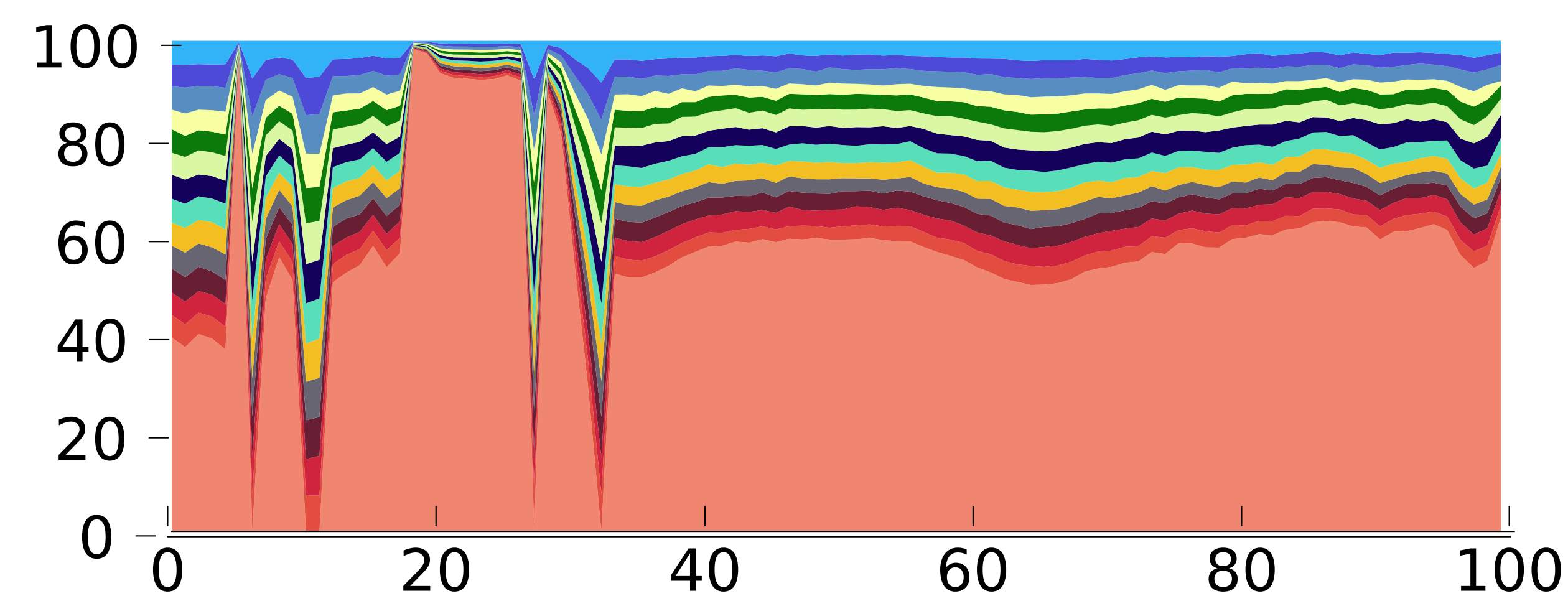


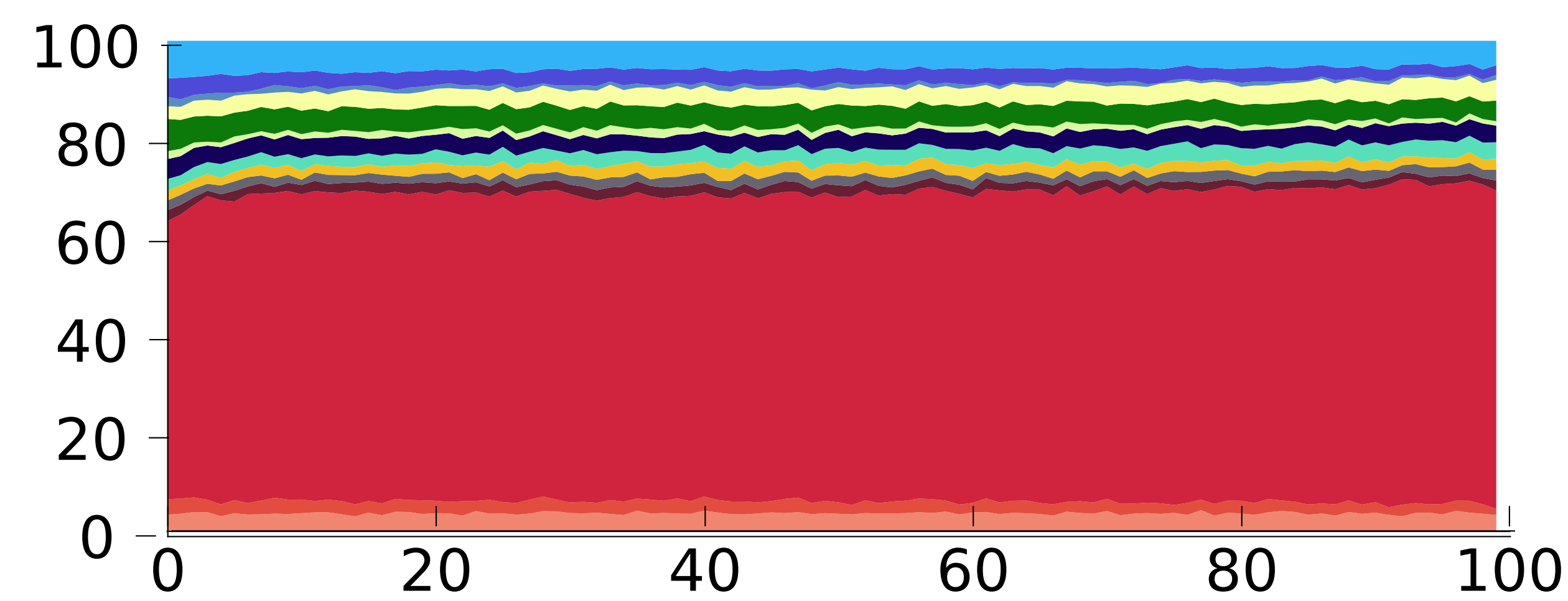
# High-decree irrigation user

(a) *Delta indices*



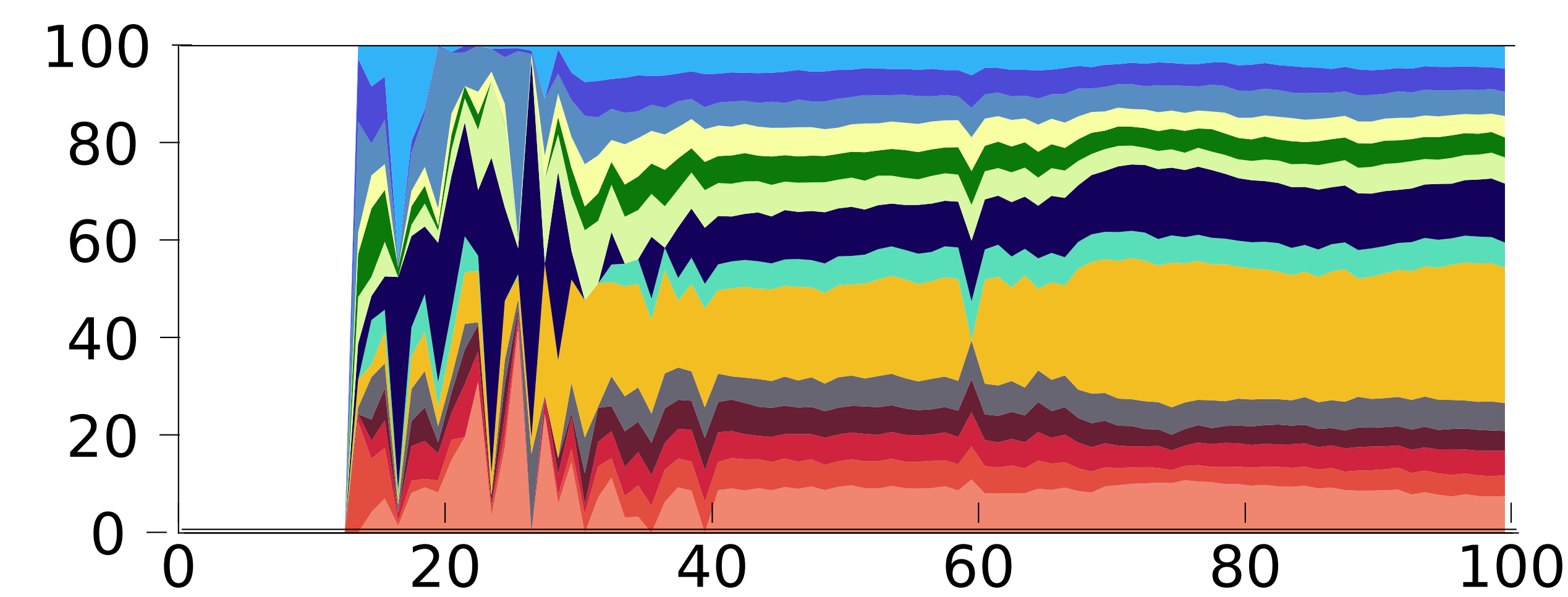
# Transbasin diversion

(b) *Delta indices*

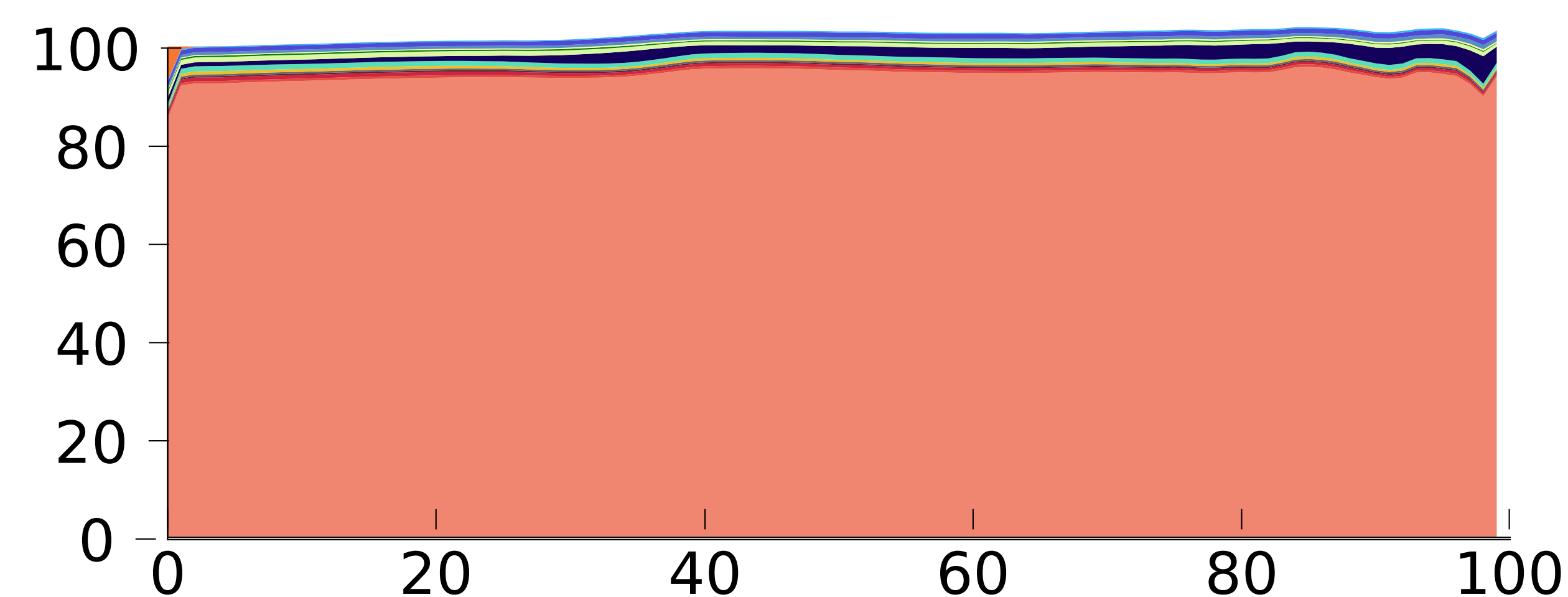


# 15-mile reach

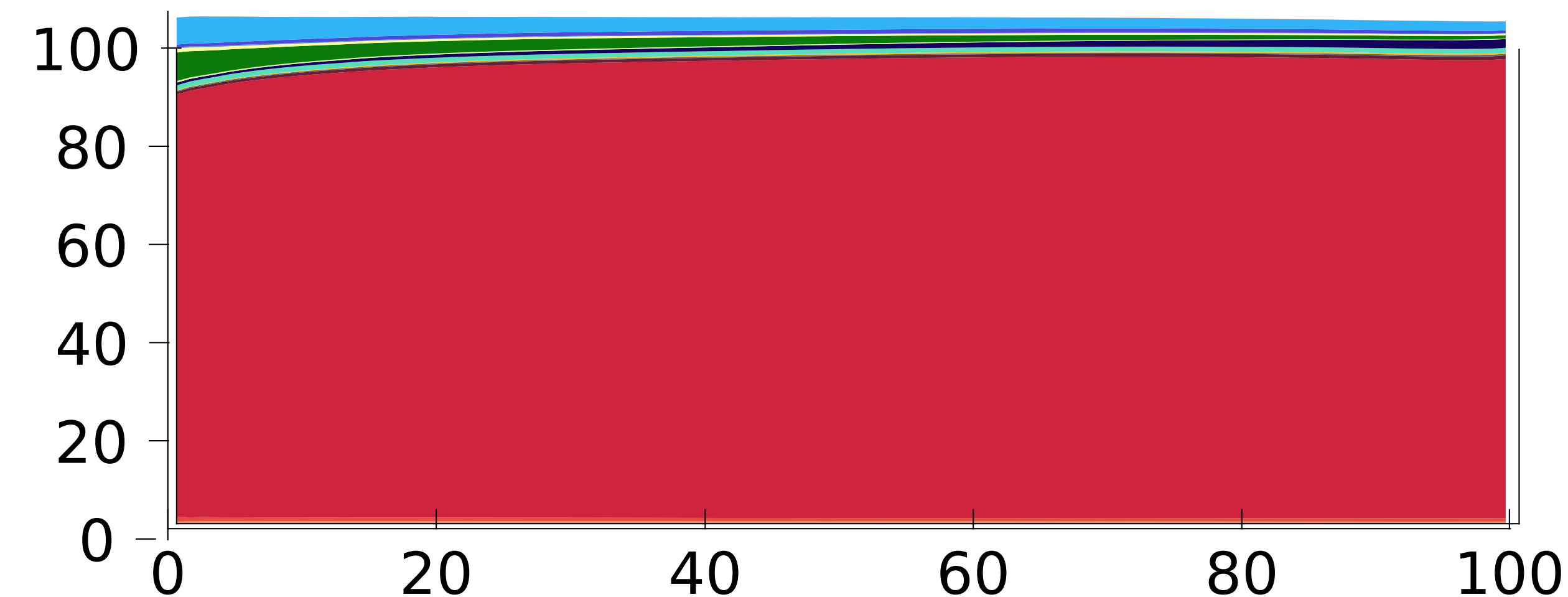
(c) *Delta indices*



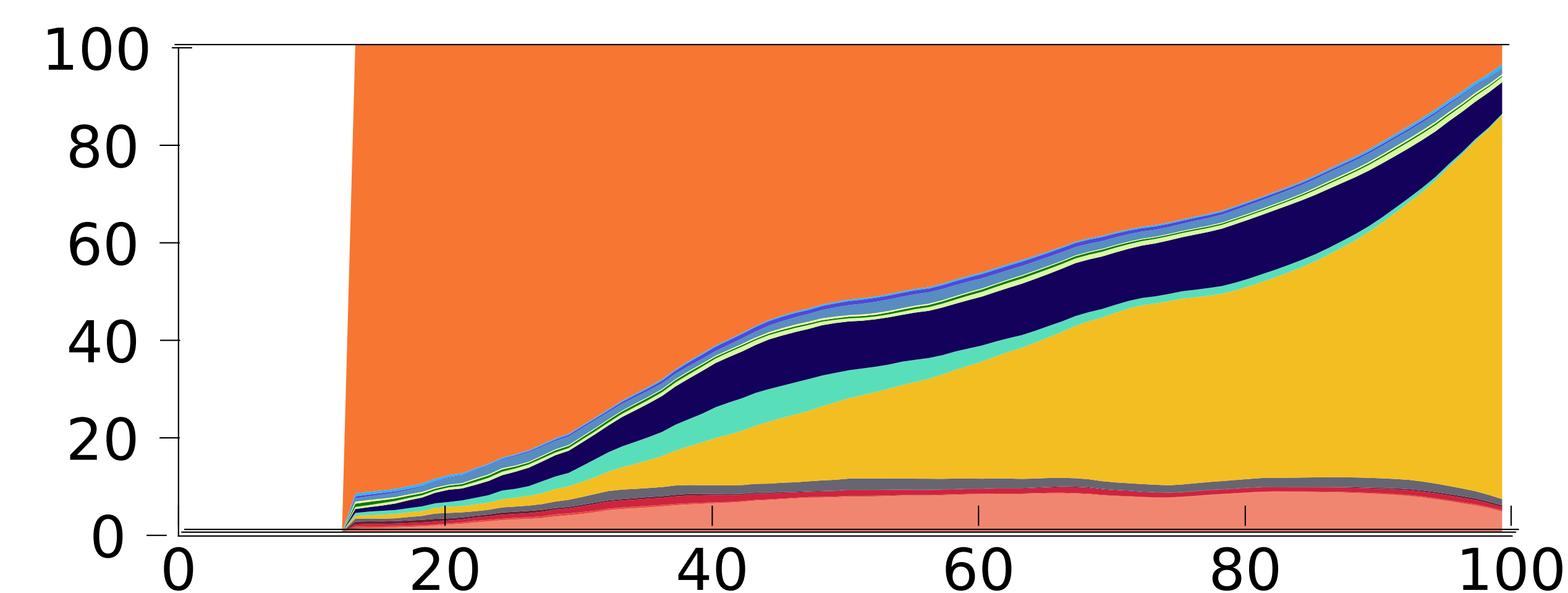
(d) *1<sup>st</sup> order Sobol indices*



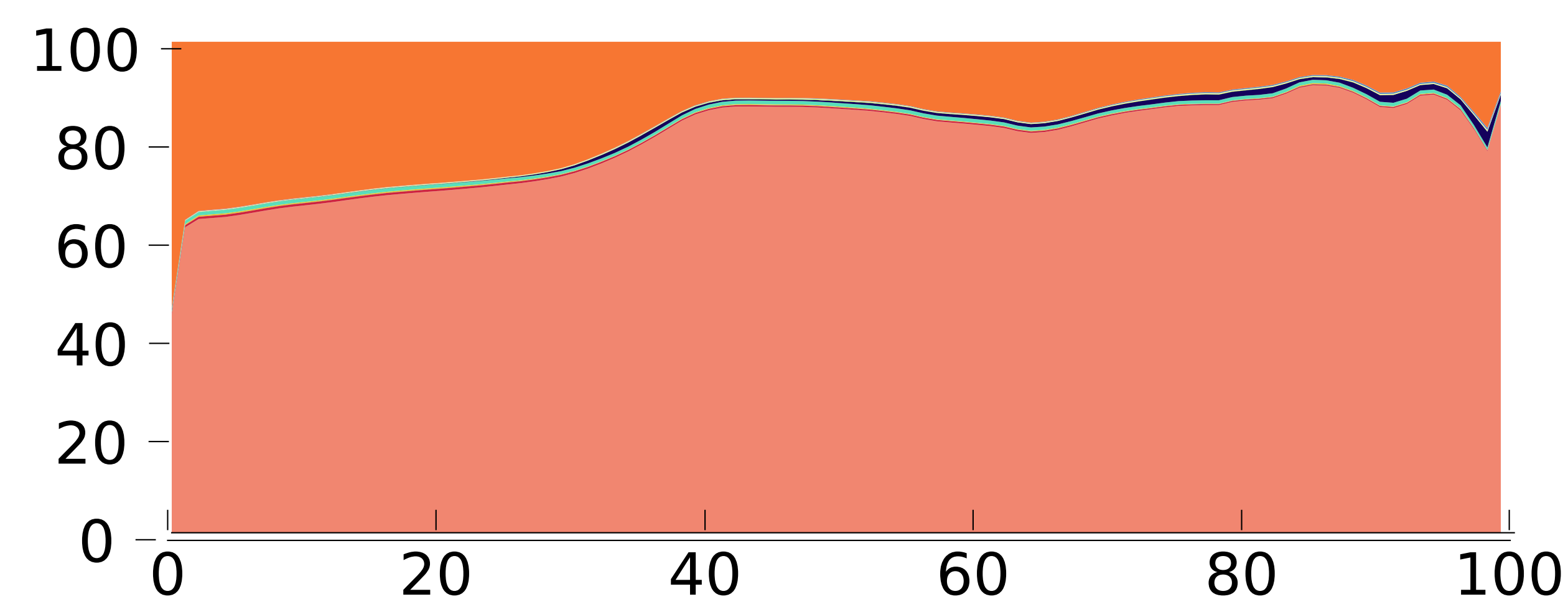
(e) *1<sup>st</sup> order Sobol indices*



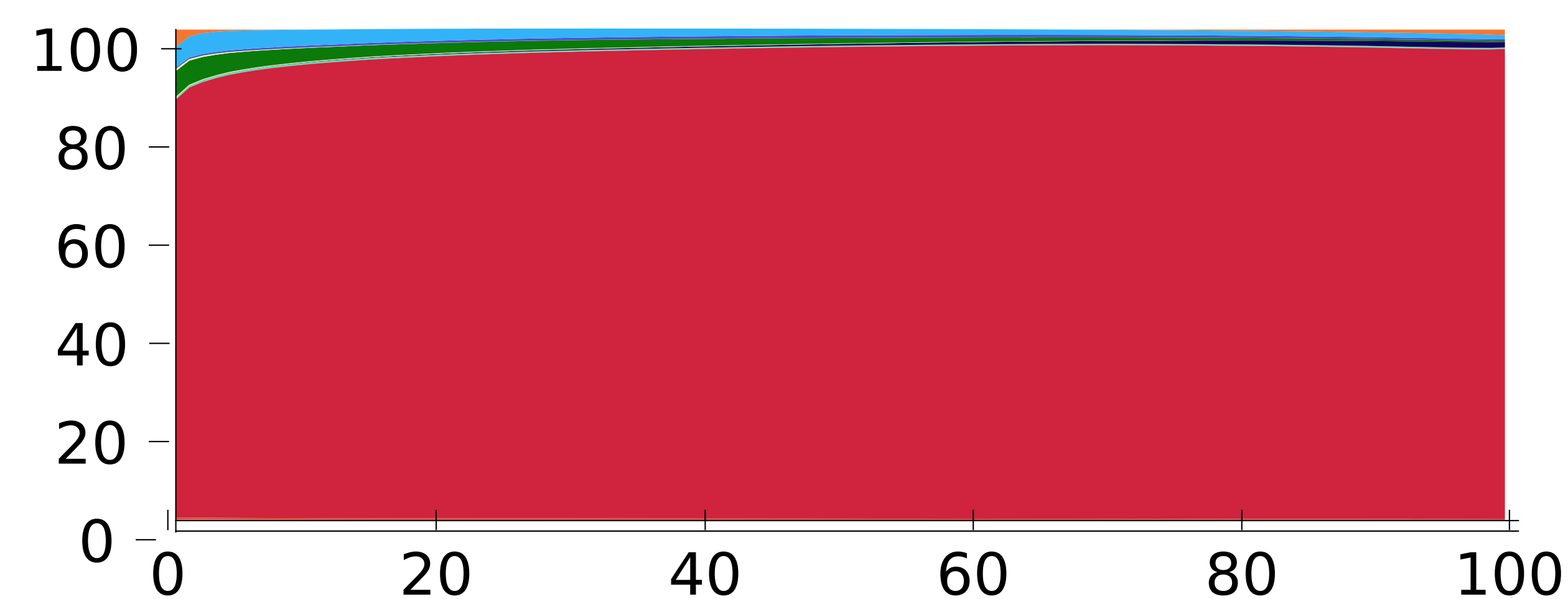
(f) *1<sup>st</sup> order Sobol indices*



(g) *R<sup>2</sup> values*



(h) *R<sup>2</sup> values*



(i) *R<sup>2</sup> values*

