The following supplement accompanies the article

Forcings and projections of past and future wind speed over the Czech Republic

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Table S1. Pearson correlation coefficients between series of MDWS for the Czech Republic and series of individual explanatory variables in the 1961–2015 period: (a) winter, (b) spring, (c) summer, (d) autumn. Values statistically significant at the 95% level are highlighted in bold

a) DJF	MDWS	CO2EQ	SOLAR	VOLC	NAOI	AOI	EA/WRPI	SOI	PDOI	AMOI	CEZI
MDWS		**-0.23**	-0.04	**0.24**	**0.36**	**0.30**	-0.03	-0.01	-0.05	-0.12	**0.48**
CO2EQ			0.16	-0.26	0.16	0.17	-0.05	0.07	0.13	0.43	**0.20**
SOLAR				-0.13	**0.19**	0.17	0.02	-0.03	0.12	0.11	**0.22**
VOLC					0.09	0.08	0.08	**-0.30**	0.15	-0.28	0.09
NAOI						**0.79**	**0.19**	0.03	-0.03	-0.05	**0.82**
AOI							**0.28**	0.16	-0.18	-0.09	**0.74**
EAWRPI								**-0.20**	0.03	-0.07	**0.20**
SOI									**-0.48**	0.06	0.03
PDOI										0.09	-0.04
AMOI											-0.03
CEZI											

b) MAM	MDWS	CO2EQ	SOLAR	VOLC	NAOI	AOI	EA/WRPI	SOI	PDOI	AMOI	CEZI
MDWS		**-0.38**	-0.01	**0.18**	0.06	0.09	-0.12	**-0.20**	0.04	**-0.20**	**0.24**
CO2EQ			0.12	-0.23	0.01	0.11	-0.03	-0.02	0.30	0.42	0.13
SOLAR				0.01	0.03	0.09	-0.05	-0.12	0.12	0.00	0.12
VOLC					0.04	-0.10	-0.05	-0.22	0.21	-0.16	-0.01
NAOI						**0.62**	0.06	**-0.21**	0.03	-0.05	**0.67**
AOI							0.08	0.02	-0.12	-0.16	**0.50**
EAWRPI								0.03	-0.09	-0.02	-0.08
SOI									**-0.42**	-0.15	**-0.27**
PDOI										**0.30**	0.13
AMOI											0.11
CEZI											

c) JJA	MDWS	CO2EQ	SOLAR	VOLC	NAOI	AOI	EA/WRPI	SOI	PDOI	AMOI	CEZI
MDWS		**-0.35**	-0.08	0.13	-0.04	-0.11	0.09	-0.02	0.06	**-0.28**	**0.22**
CO2EQ			0.09	-0.21	**-0.18**	-0.08	**-0.37**	-0.10	0.10	**0.66**	-0.03
SOLAR				0.00	0.13	0.11	**-0.18**	0.01	-0.02	0.07	0.12
VOLC					0.15	0.12	**0.23**	-0.12	**0.36**	-0.31	0.06
NAOI						**0.55**	0.05	0.11	-0.01	**-0.27**	**0.57**
AOI							-0.11	**0.21**	0.03	-0.11	**0.31**
EAWRPI								0.03	-0.10	**-0.40**	-0.09
SOI									**-0.35**	0.01	0.05
PDOI										0.06	0.03
AMOI											-0.14
CEZI											

Table S1. continued

d) SON	MDWS	CO2EQ	SOLAR	VOLC	NAOI	AOI	EAWRPI	SOI	PDOI	AMOI	CEZI
MDWS		**-0.34**	-0.06	**0.22**	-0.03	-0.13	-0.15	0.06	0.03	**-0.29**	**0.17**
CO2EQ			0.09	-0.24	**-0.16**	0.06	**-0.18**	0.04	-0.01	**0.68**	-0.11
SOLAR				-0.08	0.12	-0.01	-0.05	-0.04	0.01	0.10	0.12
VOLC					0.09	0.00	0.14	-0.14	0.23	**-0.42**	0.09
NAOI						**0.58**	-0.02	0.07	-0.04	**-0.21**	**0.70**
AOI							0.04	0.11	**-0.21**	-0.04	**0.52**
EA/WRPI								-0.15	0.13	**-0.17**	-0.10
SOI									**-0.52**	0.07	0.05
PDOI										-0.18	-0.01
AMOI											**-0.19**
CEZI											

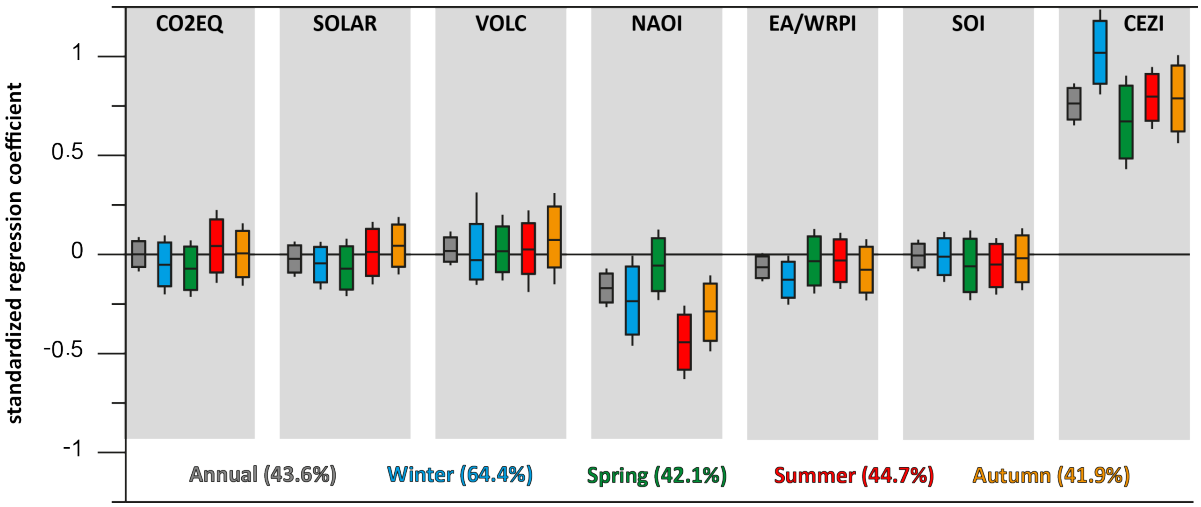

Fig. S1. Standardized regression coefficients resulting from multiple linear regression of monthly wind speed in the grid point 50°N, 15°E of the NCEP/NCAR reanalysis dataset, 850 hPa level, and the sets of seven predictors identical to the configuration in Fig. 3c. Columns and whiskers express 95% and 99% confidence intervals of standardised coefficients, respectively. Annual and seasonal explained variances are given as percentages below the figure

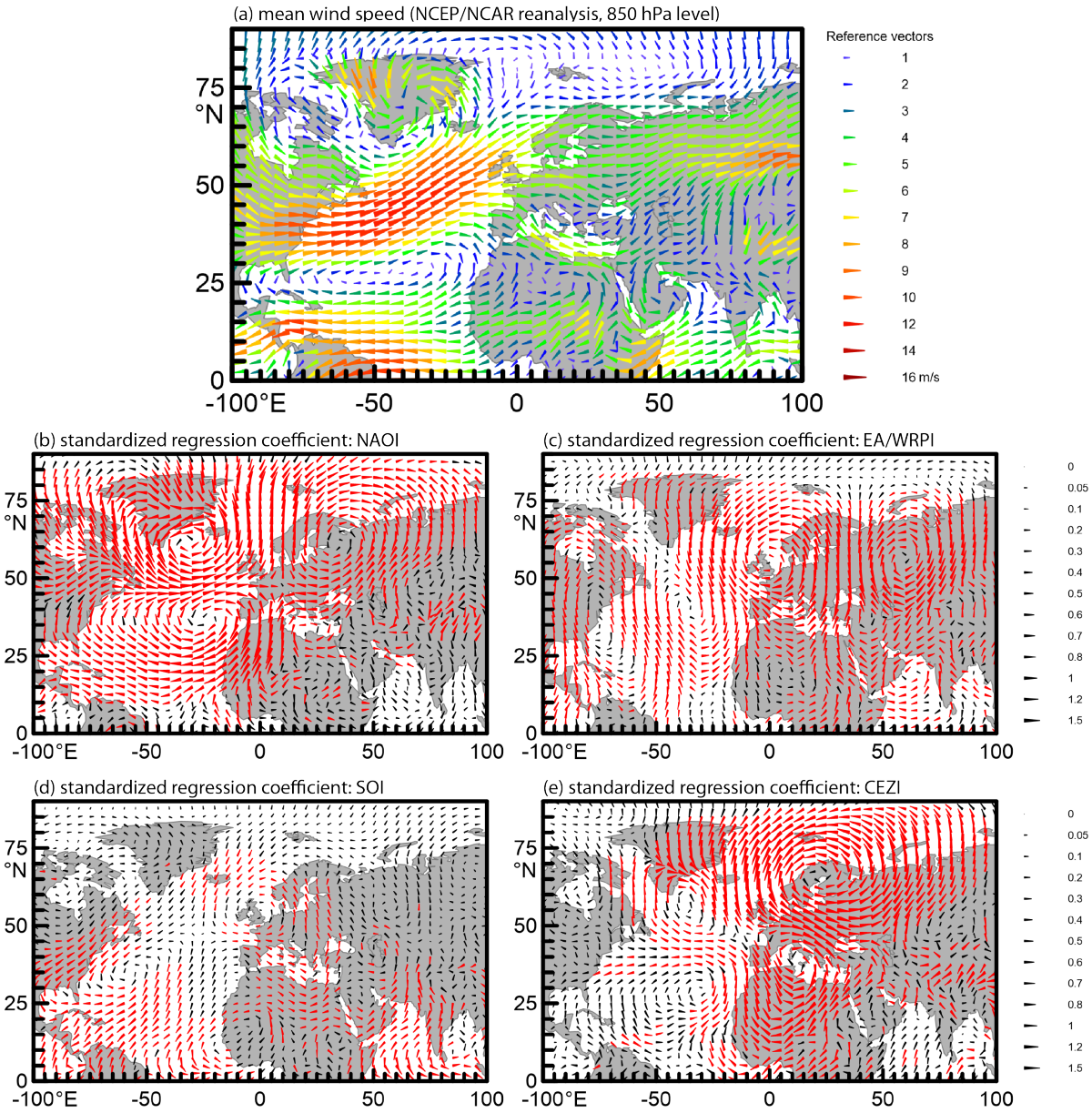

Fig. S2. As Fig. 6, for the winter season

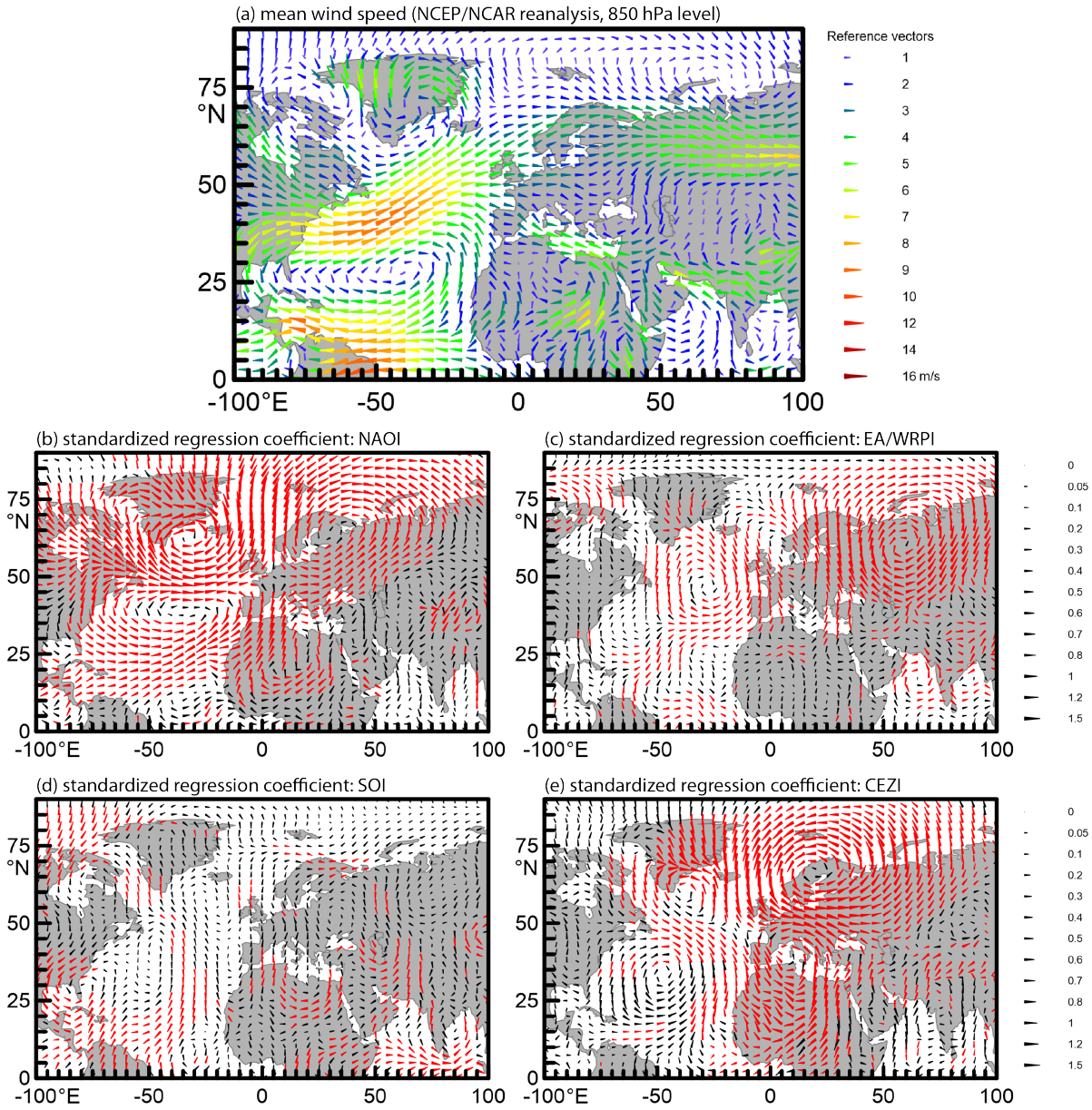

Fig. S3. As Fig. 6, for the spring season

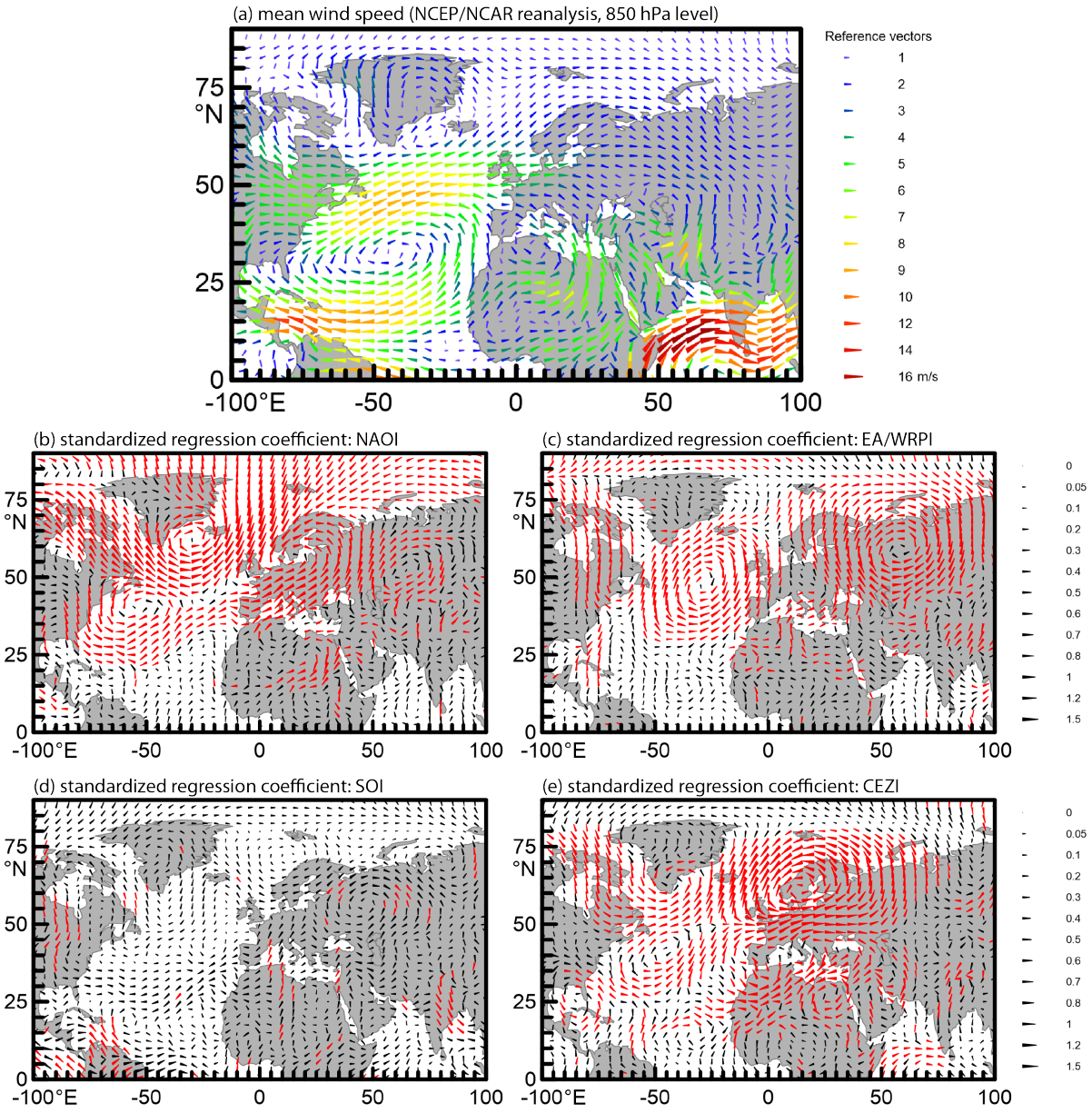

Fig. S4. As Fig. 6, for the summer season

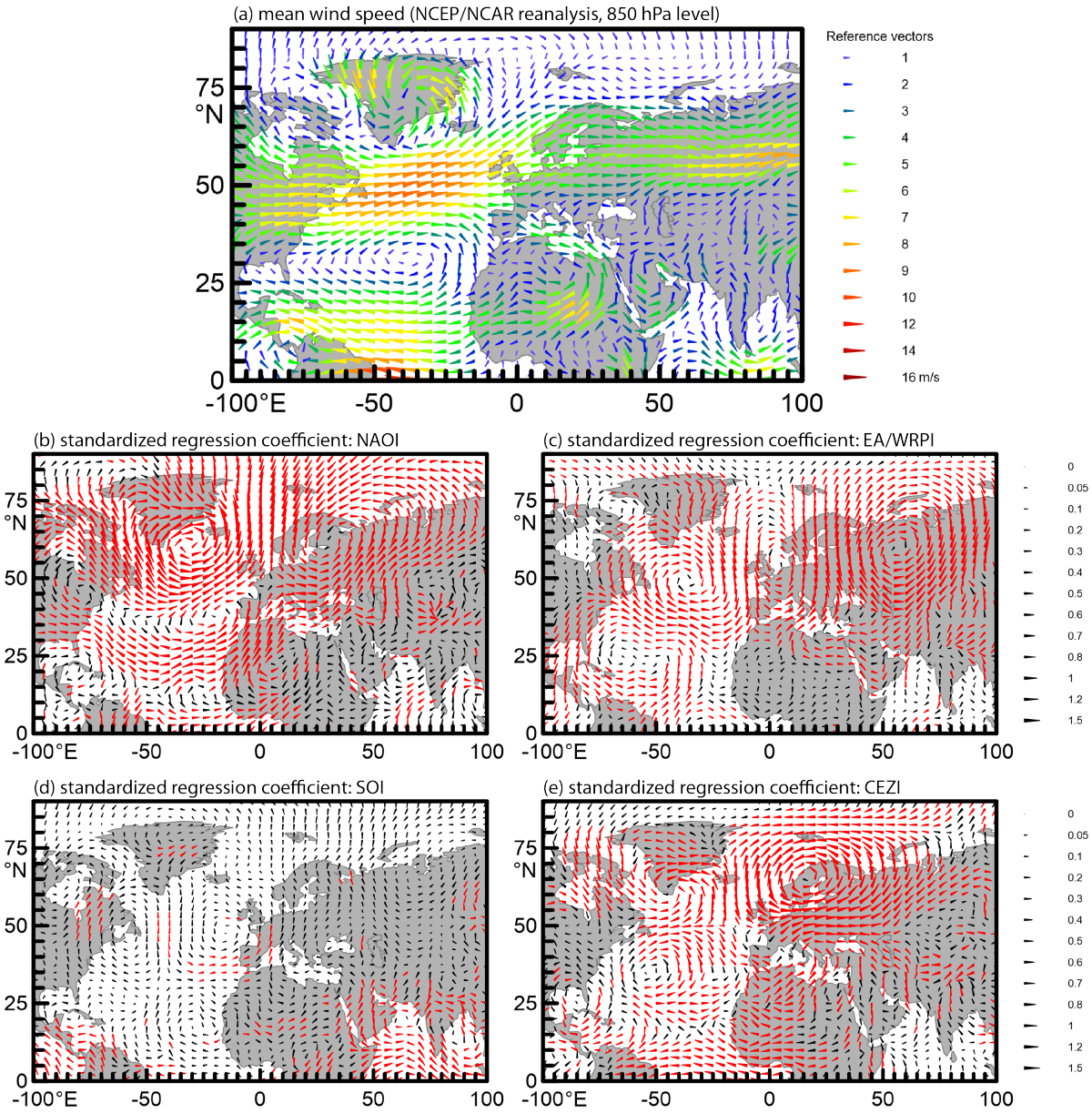

Fig. S5. As Fig. 6, for the autumn season

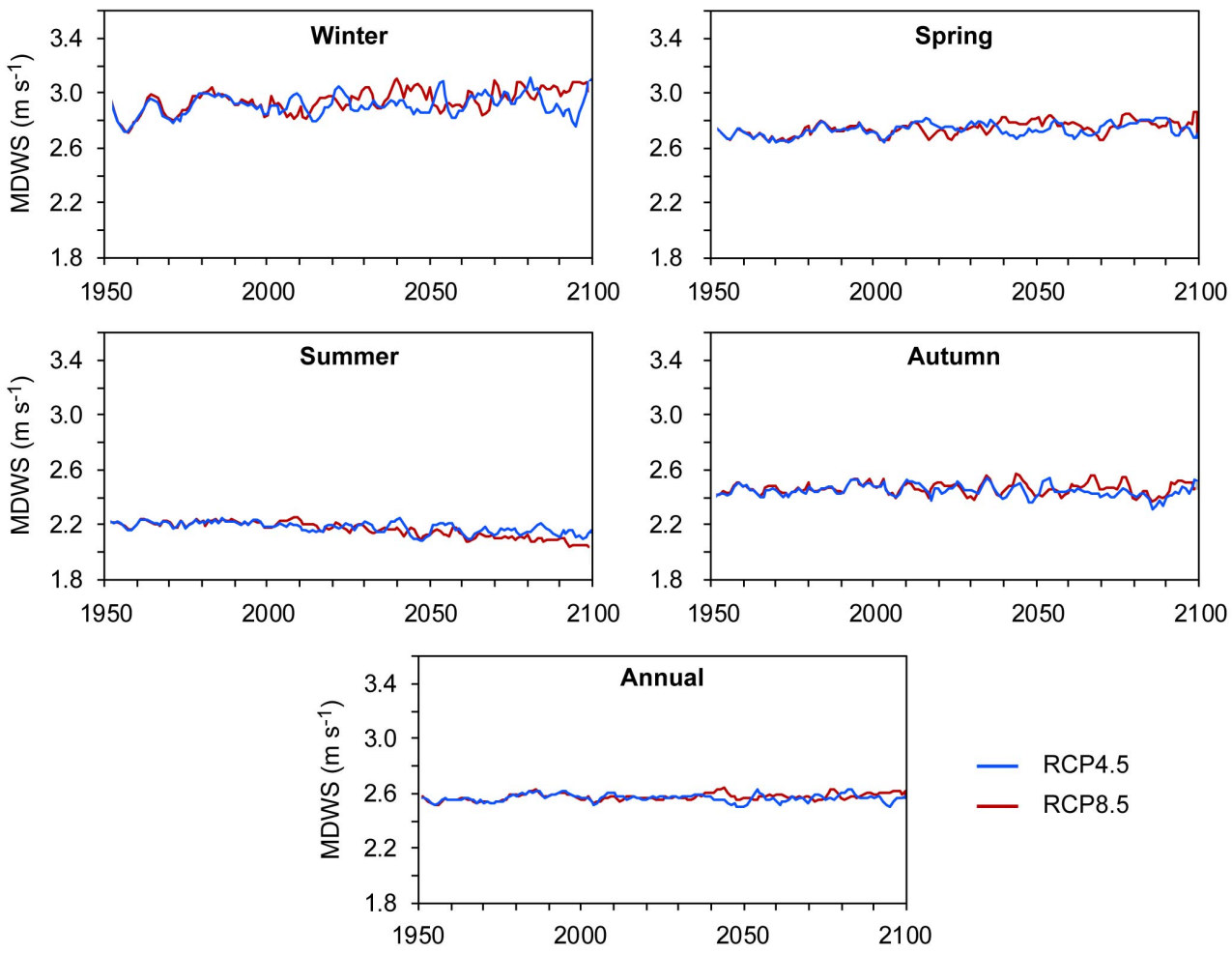

Fig. S6. Comparison of fluctuations in seasonal and annual MDWSs (m s^{-1}) for the Czech Republic in the 1951–2100 period after RCP4.5 and RCP8.5 scenarios expressed as ensemble mean of all 11 RCM corrected experiments. Smoothed by 10-year Gaussian filter