

Summary of multi-taper analysis

Table 1: Spectral slope estimates of declination records based on minimum bias (MB) and prolate (PR) tapers. Spectra are computed using 5 tapers. The well defined range of each spectrum is noted with a minimum and maximum period value.

Code	Slope MB	Slope PR	Min. period	Max. period
AAM	-1.90	-1.90	400	2000
BAM	-3.19	-3.23	350	2000
BAR	-3.00	-2.88	400	3000
BEA	-2.90	-2.90	350	1500
BEG	-1.91	-1.88	400	1500
BIR	-1.20	-1.26	300	3000
BIW	-3.48	-3.47	300	3000
CAM	-1.11	-1.08	400	2000
CHU	-1.96	-1.99	300	3000
DES	-1.18	-1.15	300	2500
EIF	-3.26	-3.18	300	2500
ERH	-2.08	-2.09	300	3000
FAN	-1.82	-1.88	900	2500
FIS	-2.77	-2.71	500	2000
FRG	-1.91	-1.85	1300	3500
GRE	-2.00	-2.14	1000	2500
HUR	-2.40	-2.41	700	3000
ICE	-2.17	-2.13	300	2500
KEI	-3.23	-3.11	1200	4000
KYL	-2.77	-2.68	400	1500
LOM	-2.52	-2.54	1000	2700
LSC	-2.38	-2.38	400	4000
MAR	-2.47	-2.44	400	2100
MEE	-2.71	-2.73	300	2000
MEZ	-2.81	-2.72	400	1500
MNT	-2.96	-2.78	800	4000
MOT	-2.58	-2.53	900	4000
NAR	-3.00	-2.95	700	3000
NAU	-3.40	-3.31	700	3500
NEM	-1.97	-1.92	500	3500
PAD	-1.90	-1.88	300	2000
POH	-1.89	-1.90	500	1500
SAG	-1.35	-1.36	350	1800
SAN	-2.04	-2.02	1000	3500
STL	-1.98	-2.03	300	3000
SUP	-2.70	-2.64	300	2000
TRE	-2.22	-2.21	1300	4000
TRI	-3.24	-3.23	300	1800
VUK	-3.07	-3.03	600	2200
WAI	-1.88	-1.72	1000	2200
WIN	-2.93	-3.03	1000	3500
MEAN	-2.40	-2.37		

Table 2: Spectral slope estimates of inclination records based on minimum bias (MB) and prolate (PR) tapers. Spectra are computed using 5 tapers. The well defined range of each spectrum is noted with a minimum and maximum period value.

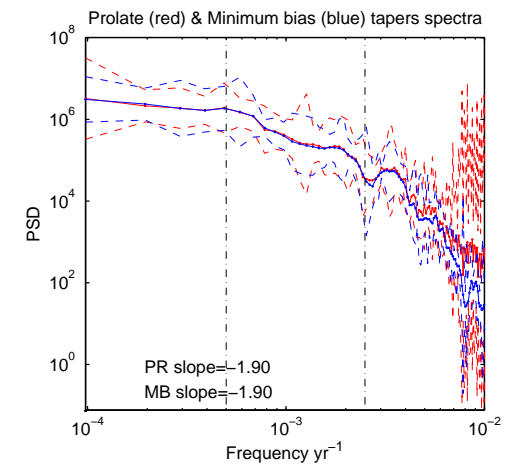
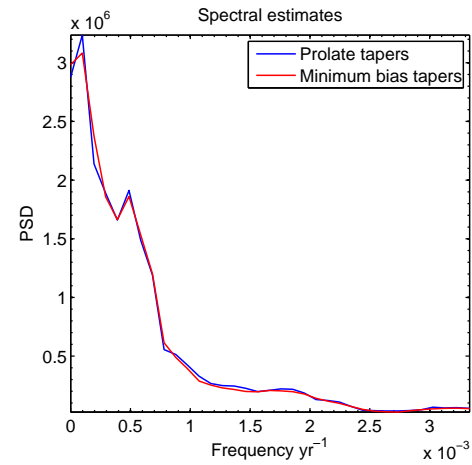
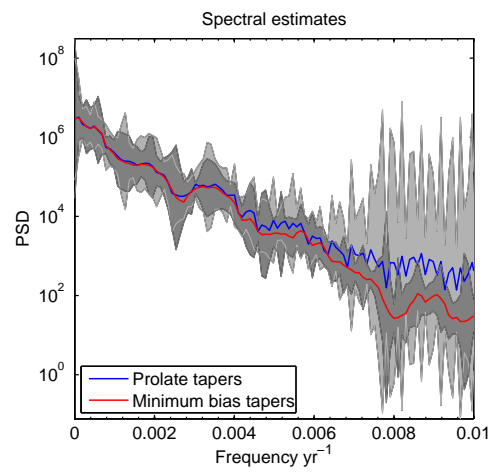
Code	Slope MB	Slope PR	Min. period	Max. period
AAM	-1.93	-1.98	300	2000
AD1	-2.06	-1.89	800	3000
BAM	-2.67	-2.72	350	2000
BAR	-2.94	-2.96	350	3000
BIR	-1.31	-1.29	300	2000
BIW	-2.74	-2.73	300	2000
BLM	-1.98	-2.04	700	4000
CAM	-3.05	-2.99	350	2000
CHU	-2.18	-2.01	300	2000
DES	-1.41	-1.47	300	1400
EAC	-1.84	-1.92	350	1500
EIF	-2.86	-2.87	300	3000
ERH	-1.99	-1.90	550	2100
ESC	-2.99	-2.94	1000	2600
FIN	-2.36	-2.48	1000	3500
FIS	-2.43	-2.45	500	3000
FRG	-2.54	-2.50	1100	3500
FUR	-2.82	-2.82	900	3500
GEI	-1.54	-1.54	1500	3500
GHI	-1.77	-1.64	800	2000
GNO	-2.50	-2.50	800	3500
GRE	-2.65	-2.59	600	2000
HUR	-3.35	-3.40	800	2500
ICE	-1.67	-1.71	500	2000
LEB	-1.79	-1.99	700	2000
LOM	-2.46	-2.37	800	2600
LSC	-2.15	-2.18	300	2300
MAR	-2.39	-2.46	550	2200
MEE	-2.15	-2.14	300	3000
MEZ	-2.93	-2.91	400	2500
MNT	-3.22	-3.11	800	4000
NAR	-2.92	-2.93	800	3500
NAU	-2.88	-2.91	800	3500
NEM	-2.15	-2.12	600	3500
PAD	-1.12	-1.13	400	2000
PEP	-2.13	-2.17	300	2000
SAG	-1.81	-1.80	300	2000
SAN	-2.90	-2.80	700	3500
SAR	-3.22	-3.28	1000	3500
SAV	-2.03	-1.98	1000	3000
SCL	-1.28	-1.28	300	1500
STL	-1.81	-1.81	300	3000
SUP	-3.12	-3.15	400	2500
TRI	-2.04	-2.07	500	3000
VUK	-2.73	-2.78	700	3000
WAI	-3.62	-3.60	600	3500
WIN	-3.59	-3.54	700	3500
WPA	-1.47	-1.52	300	2600
MEAN	-2.36	-2.36		

Table 3: Spectral slope estimates of relative paleointensity records based on minimum bias (MB) and prolate (PR) tapers. Spectra are computed using 5 tapers. The well defined range of each spectrum is noted with a minimum and maximum period value.

Code	Slope MB	Slope PR	Min. period	Max. period
AAM	-2.07	-2.09	300	3000
AD1	-2.49	-2.47	1000	3500
BAR	-2.26	-2.22	350	1500
BI2	-2.84	-2.98	800	3500
BIR	-1.27	-1.30	300	2000
EAC	-2.04	-2.00	300	2000
ESC	-2.89	-2.85	700	3500
GAR	-3.25	-3.40	1000	3500
GHI	-2.11	-2.12	900	3000
LSC	-1.59	-1.63	300	3000
MEZ	-2.38	-2.43	400	2000
NAU	-3.26	-3.18	450	3500
PAD	-1.60	-1.57	350	3000
PEP	-1.48	-1.49	300	2000
STL	-1.51	-1.47	300	2500
TRE	-2.03	-1.94	800	2500
WPA	-2.01	-1.93	300	2500
MEAN	-2.18	-2.18		

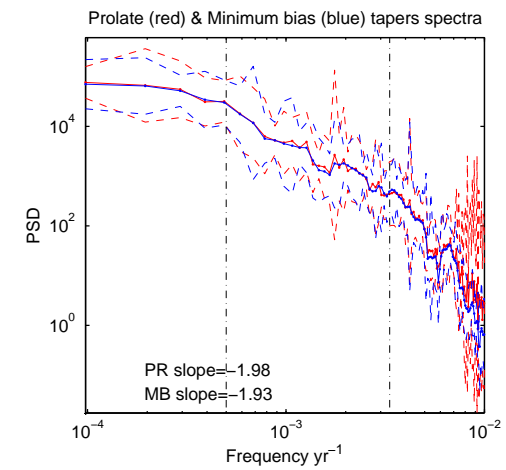
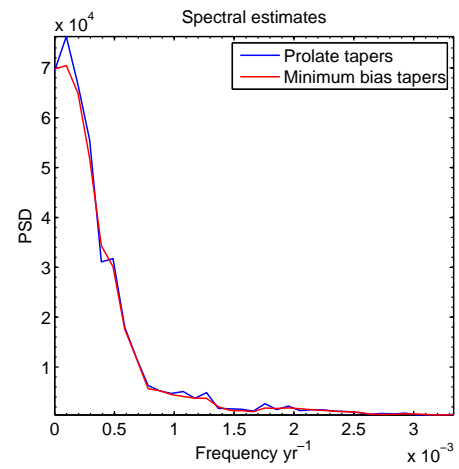
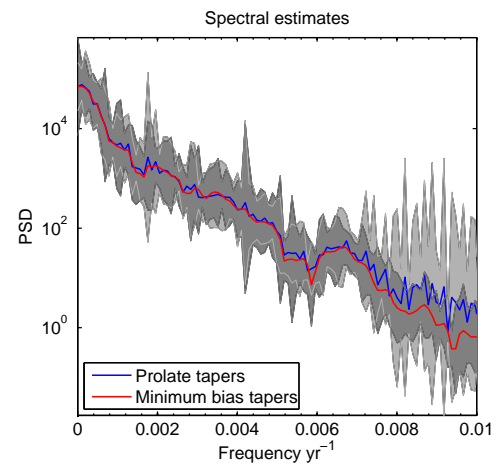
AAM – Alaskan Margin, Arctic Sea

Declination



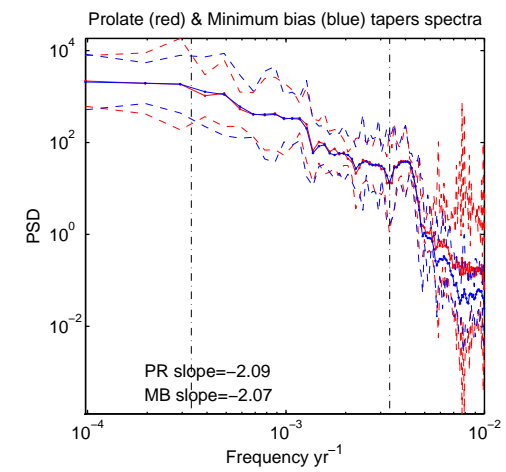
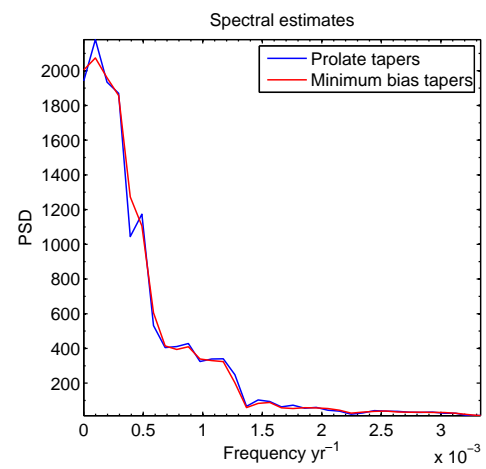
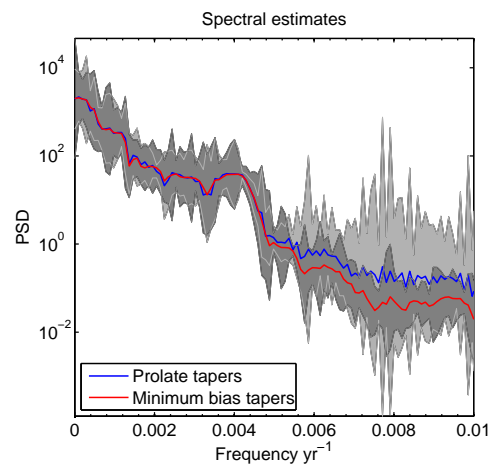
AAM – Alaskan Margin, Arctic Sea

Inclination



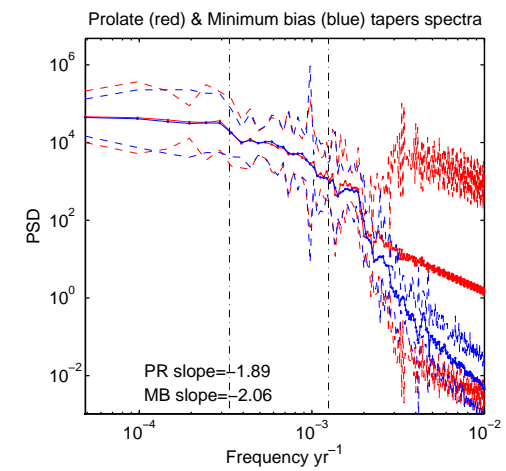
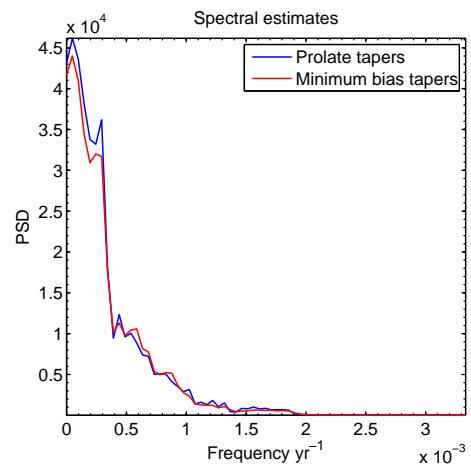
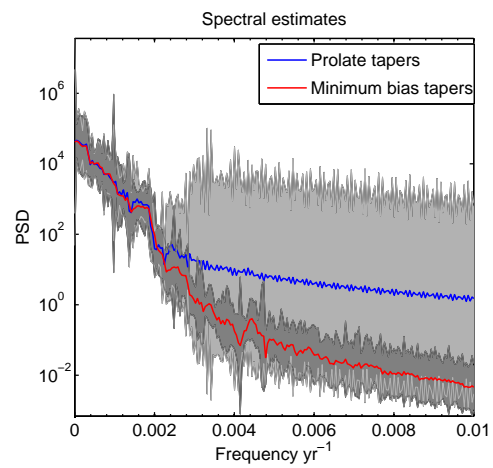
AAM – Alaskan Margin, Arctic Sea

RPI



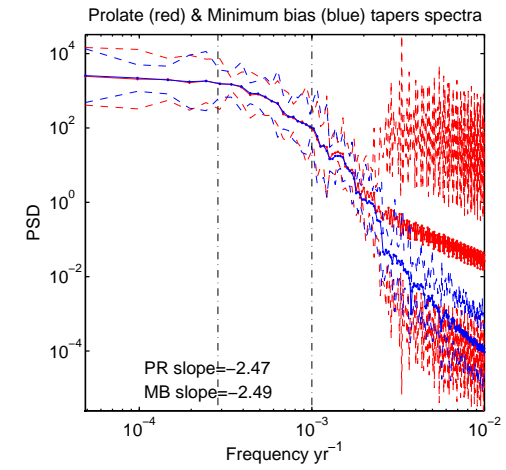
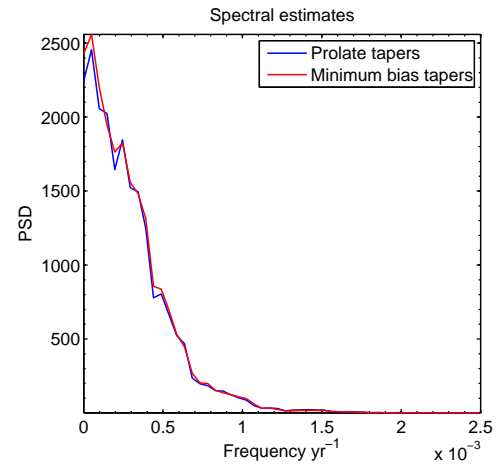
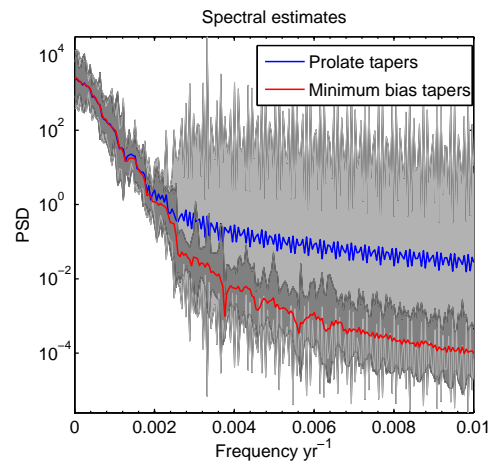
AD1 – Adriatic Sea, Italy

Inclination



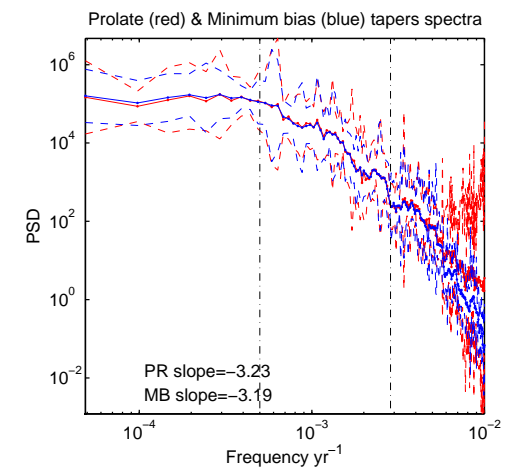
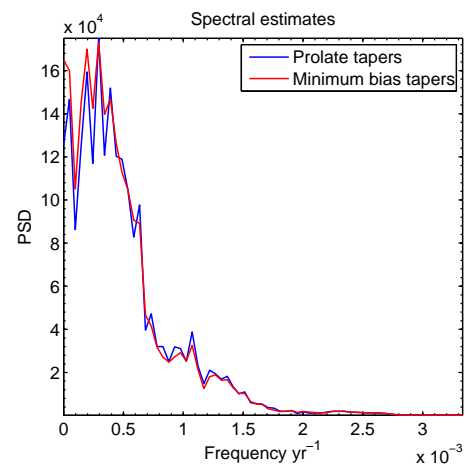
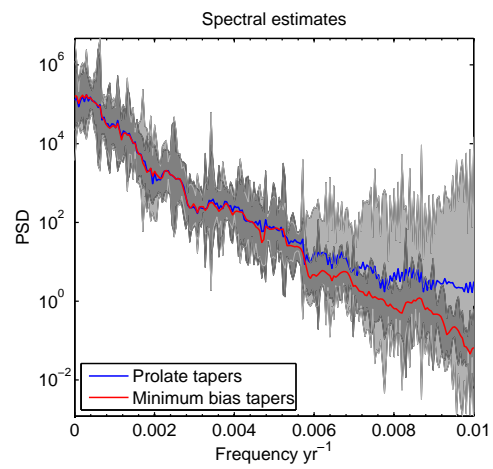
AD1 – Adriatic Sea, Italy

RPI



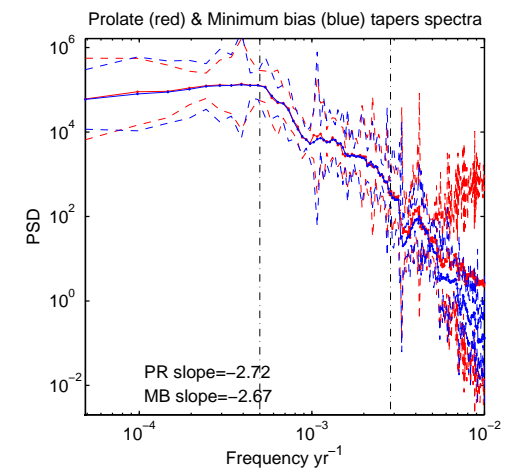
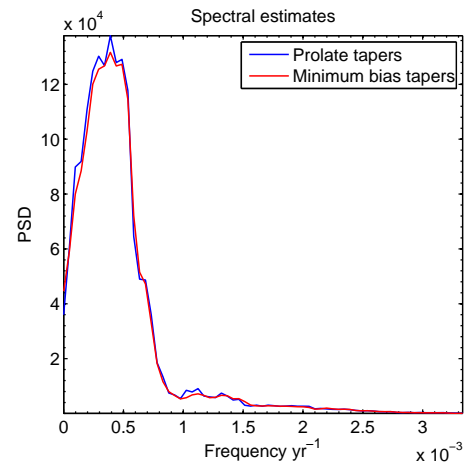
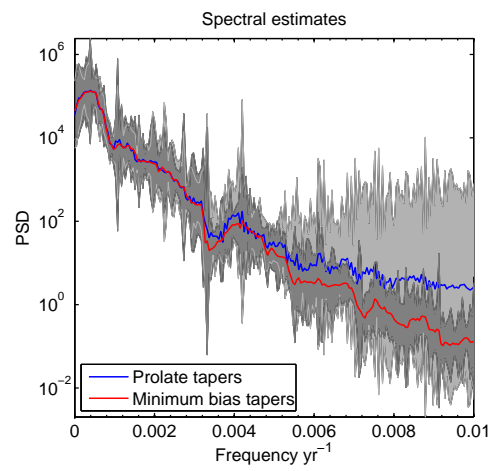
BAM – Lake Barombi Mbo, Cameroun

Declination



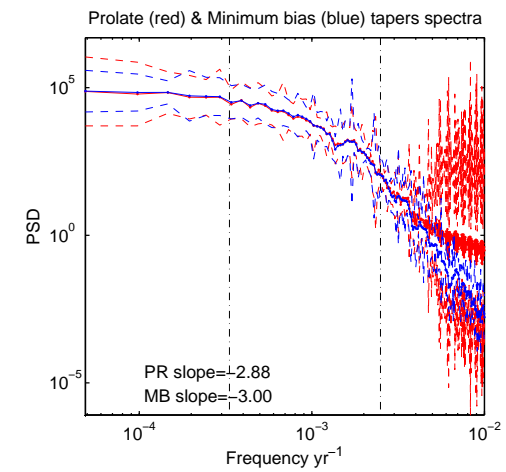
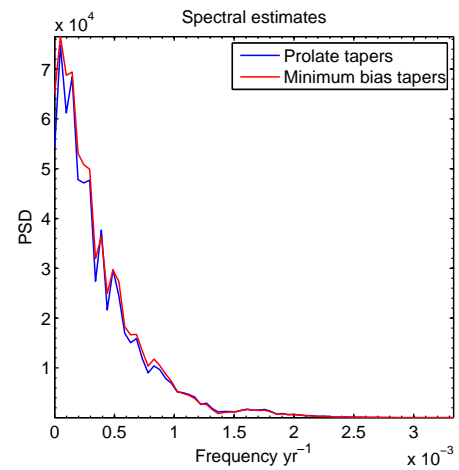
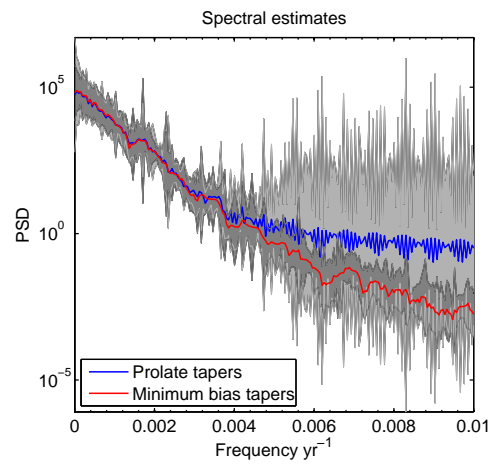
BAM – Lake Barombi Mbo, Cameroun

Inclination



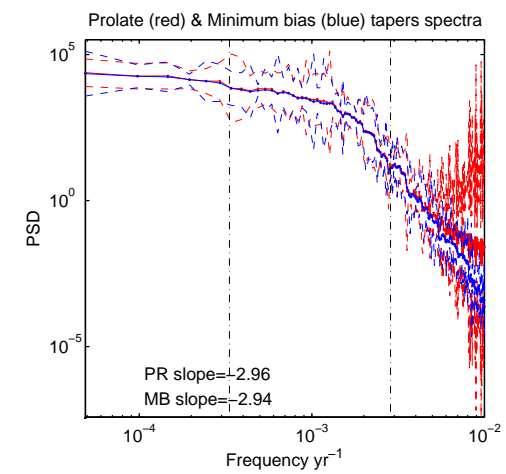
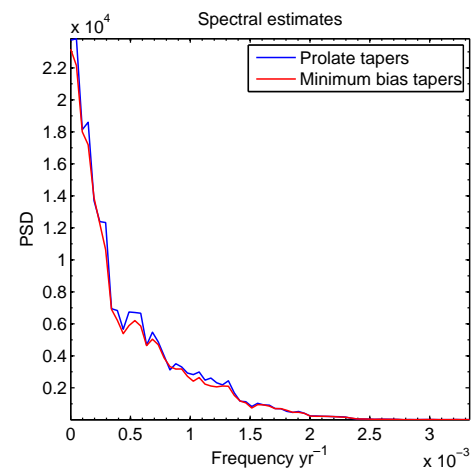
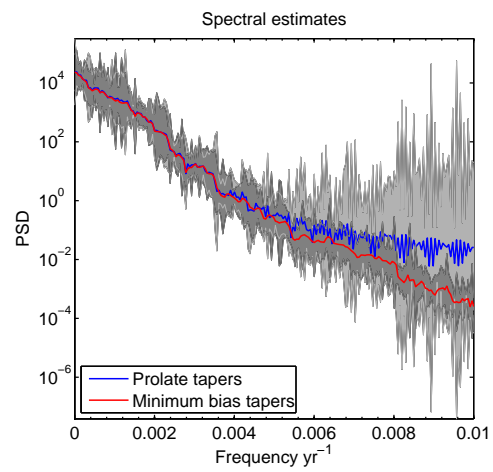
BAR – Lake Barrine, Australia

Declination



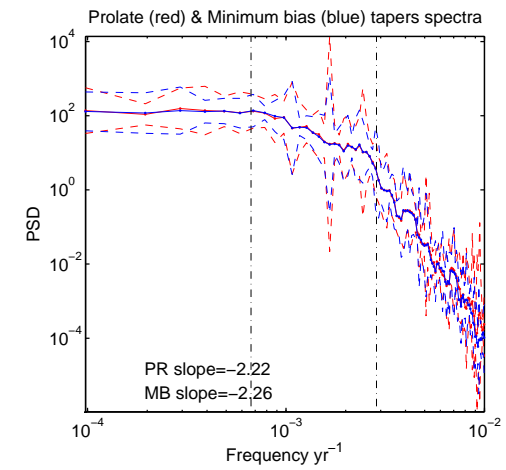
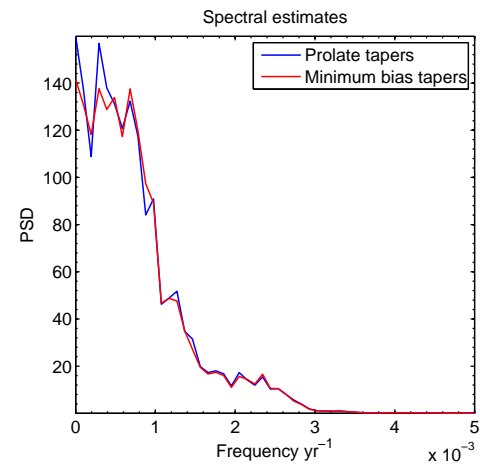
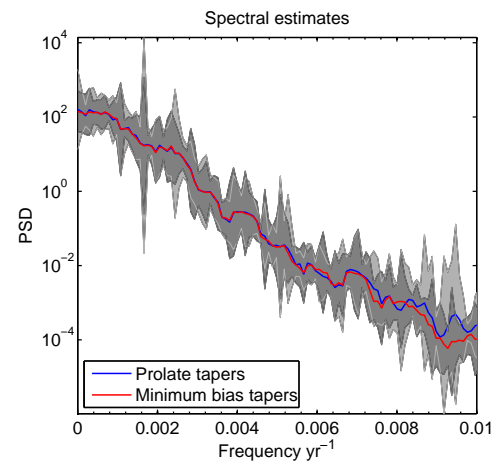
BAR – Lake Barrine, Australia

Inclination



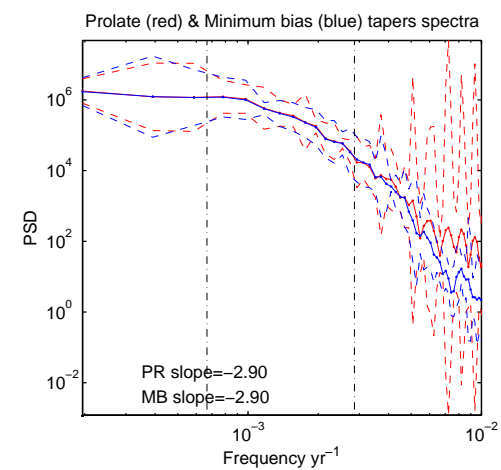
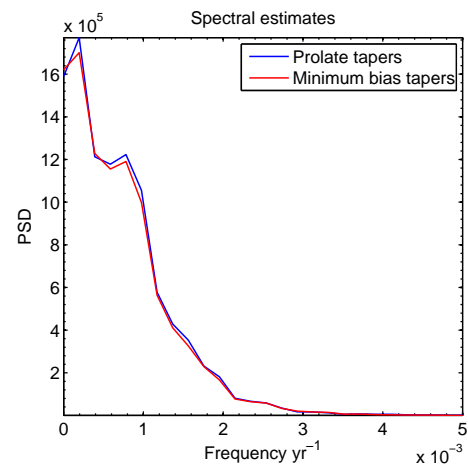
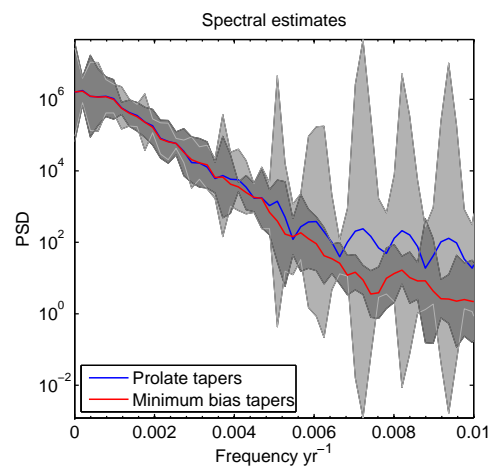
BAR – Lake Barrine, Australia

RPI



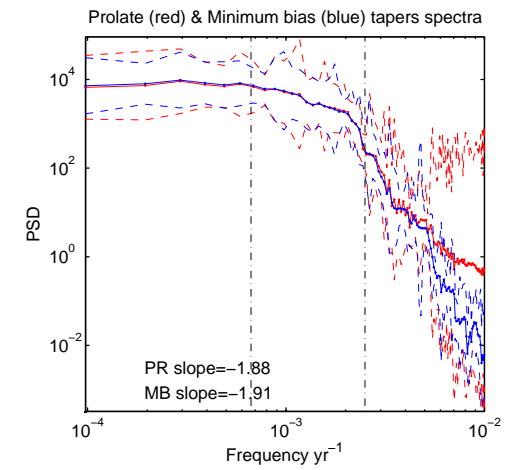
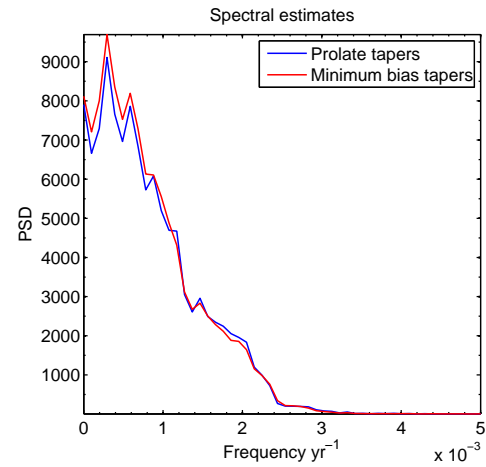
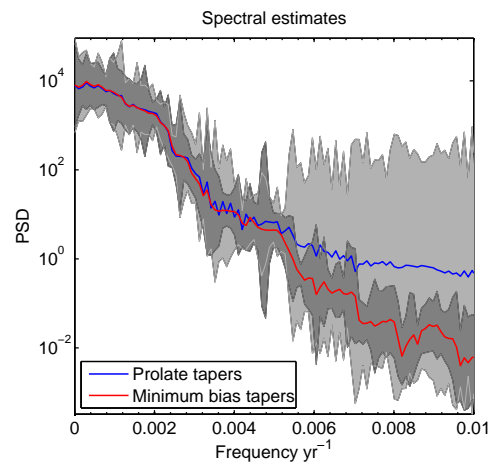
BEA – Beaufort Sea, Arctic Ocean

Declination



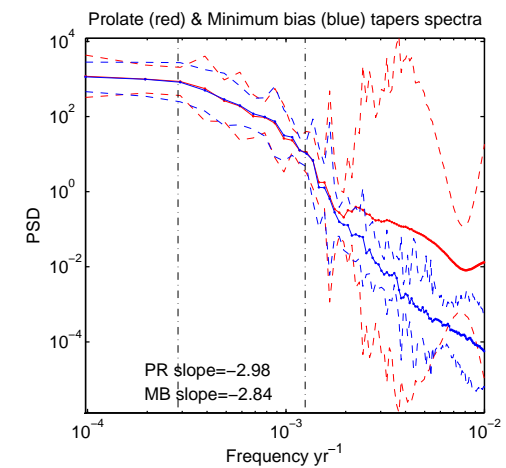
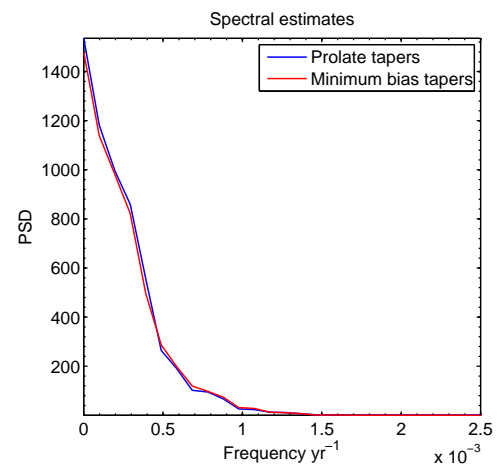
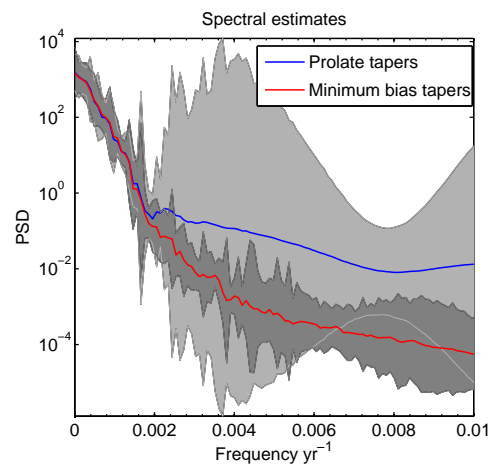
BEG – Lake Begoritis, Greece

Declination



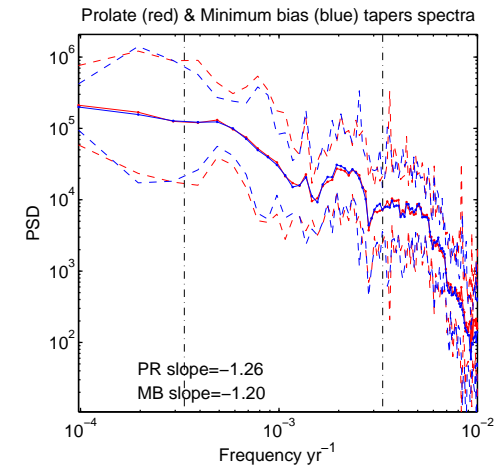
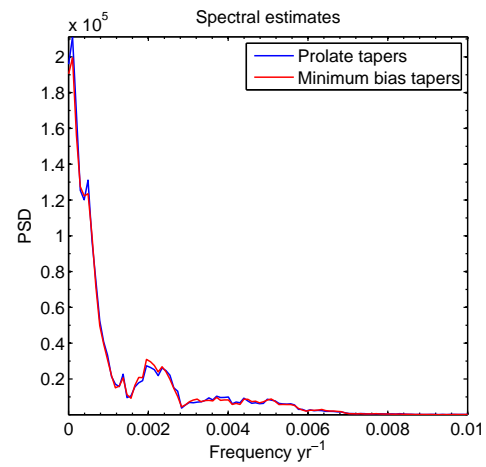
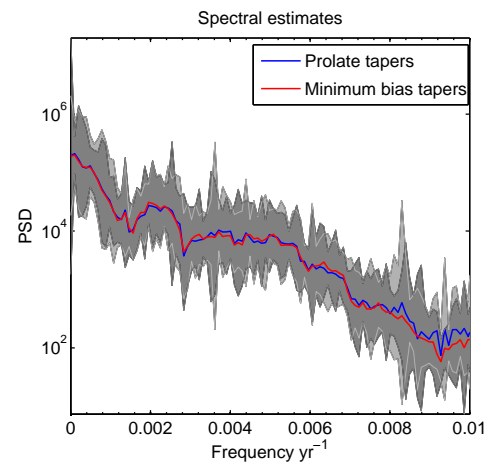
BI2 – Lake Biwa 2, Japan

RPI



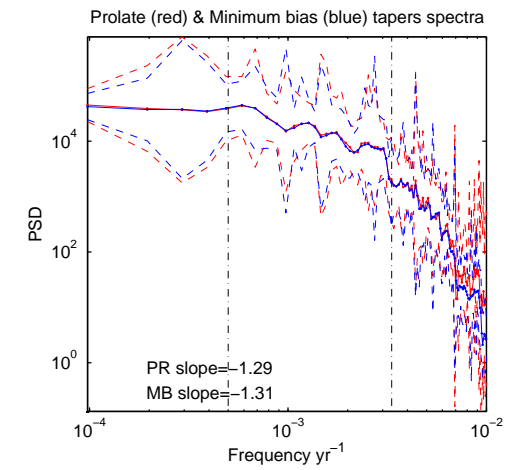
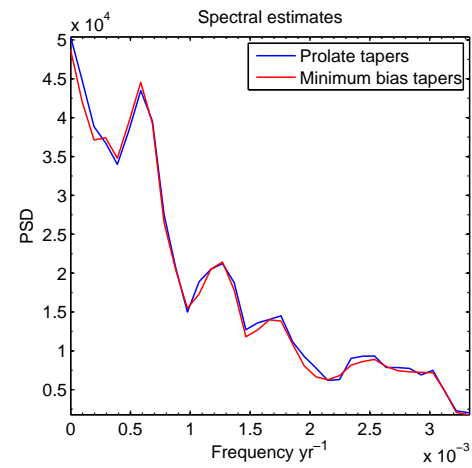
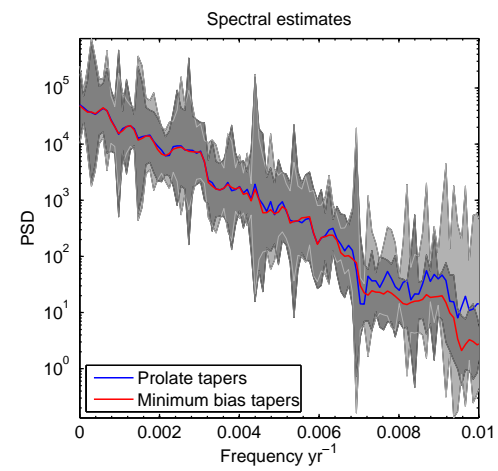
BIR – Birkat Ram, Israel

Declination



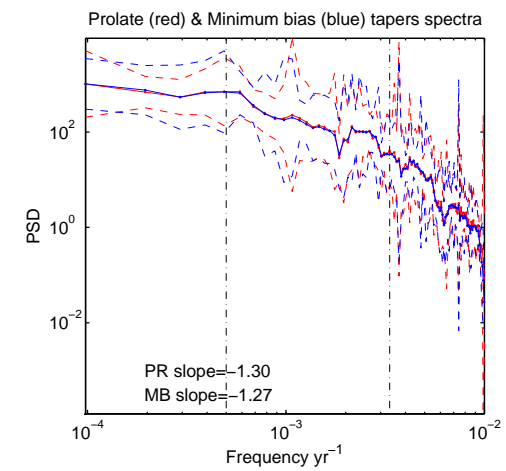
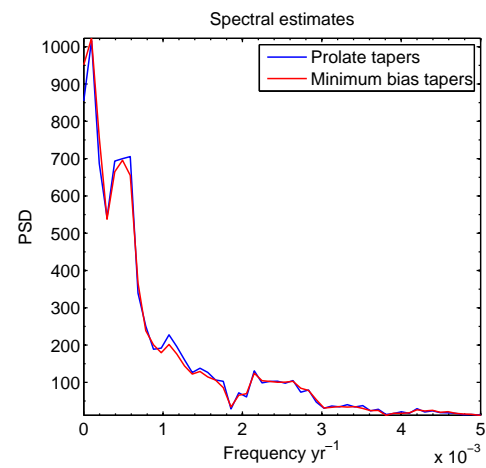
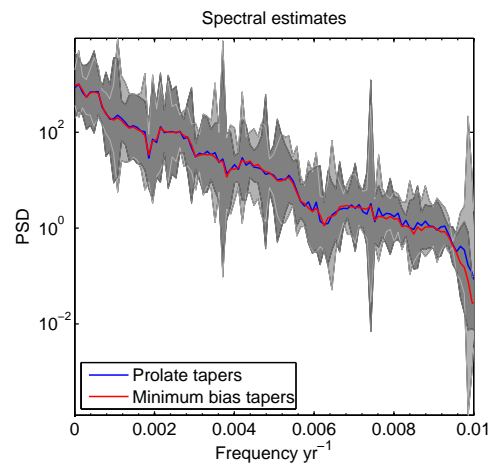
BIR – Birkat Ram, Israel

Inclination



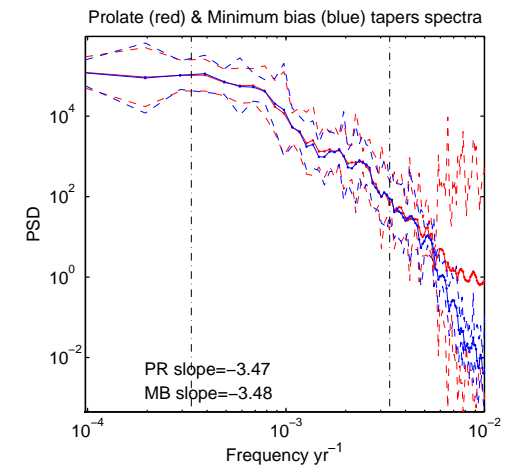
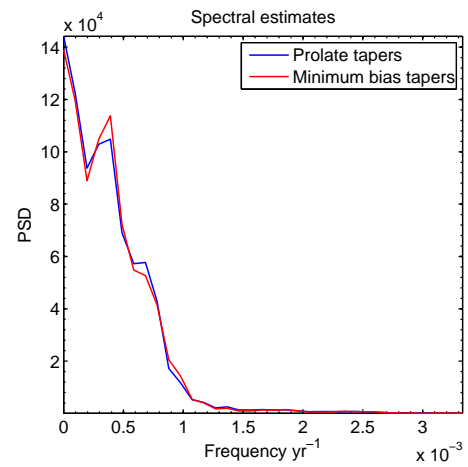
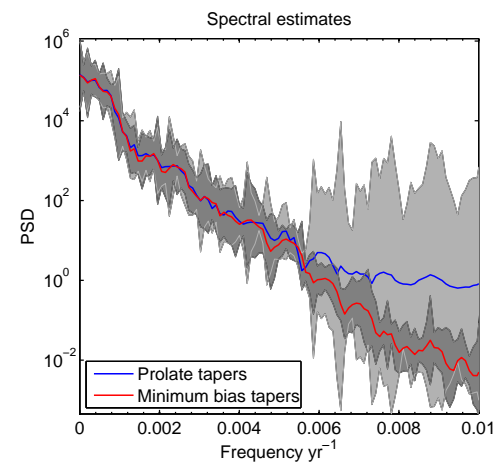
BIR – Birkat Ram, Israel

RPI



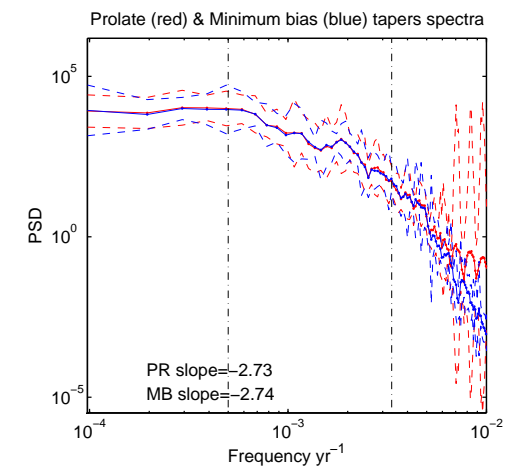
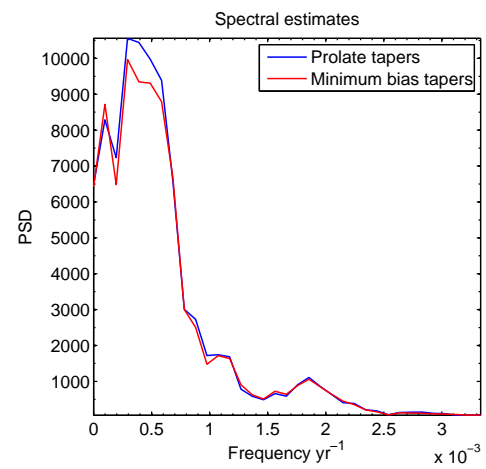
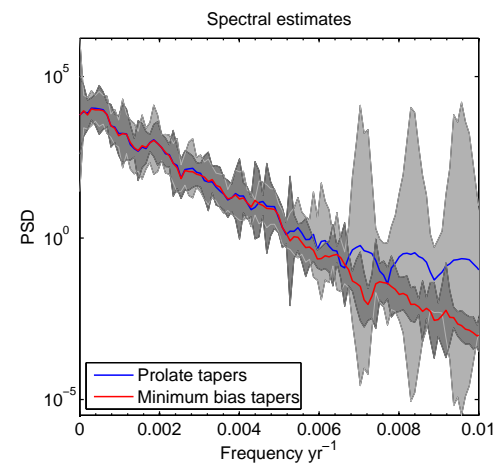
BIW – Lake Biwa, Japan

Declination



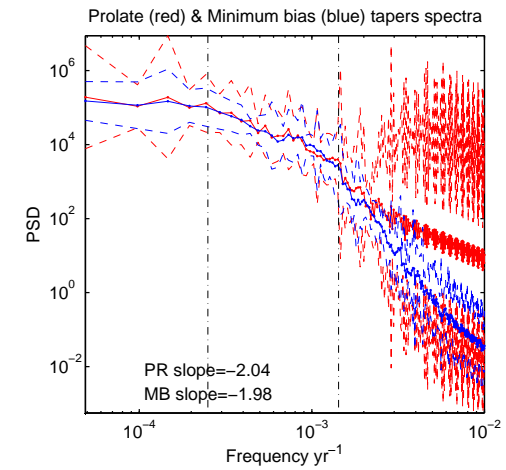
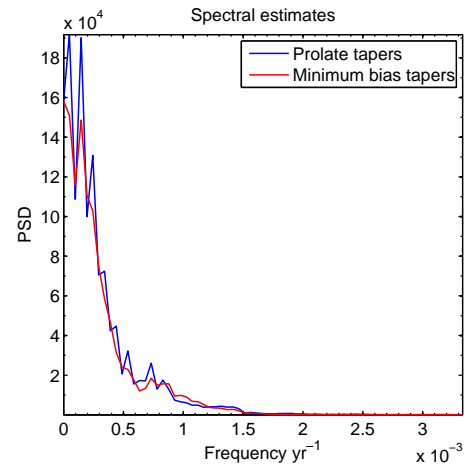
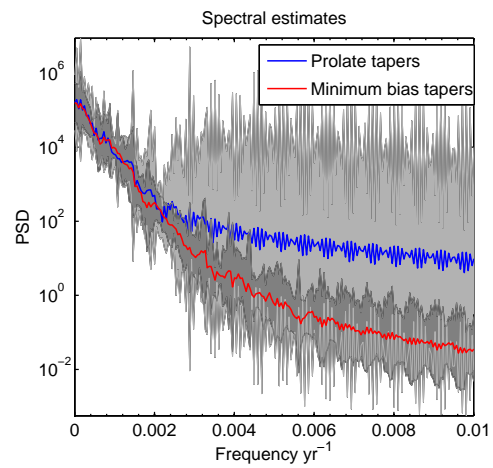
BIW – Lake Biwa, Japan

Inclination



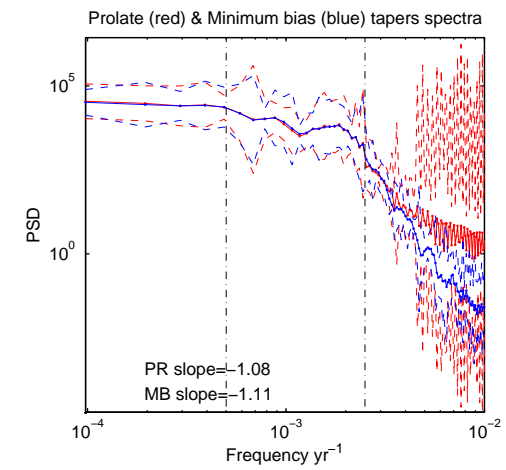
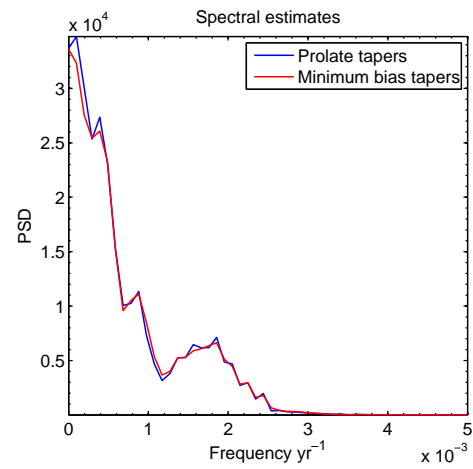
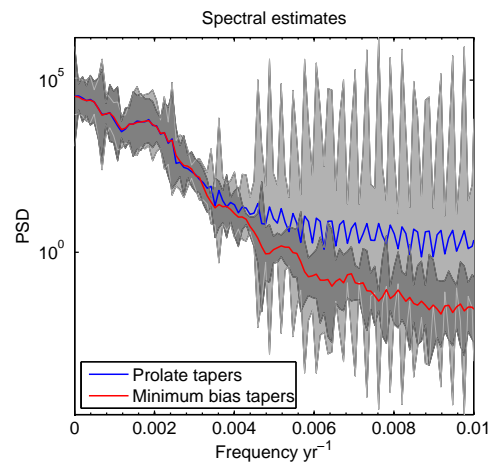
BLM – Lake Bullenmerri, Australia

Inclination



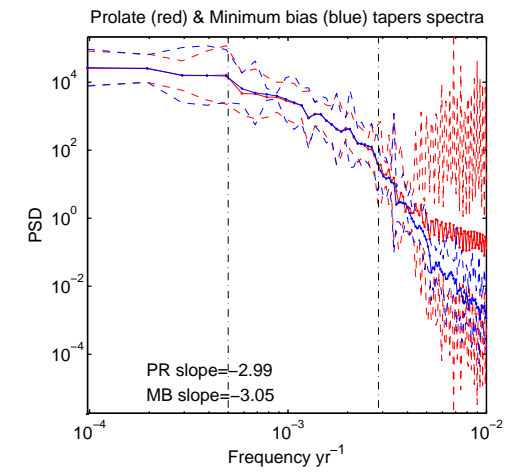
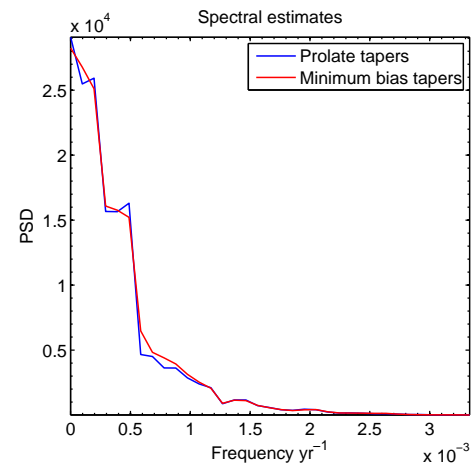
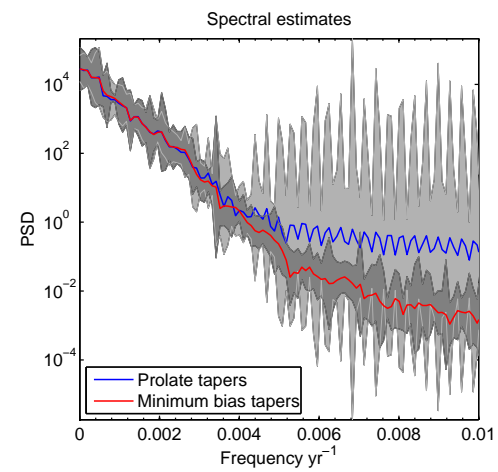
CAM - Brazo Campanario, Argentina

Declination



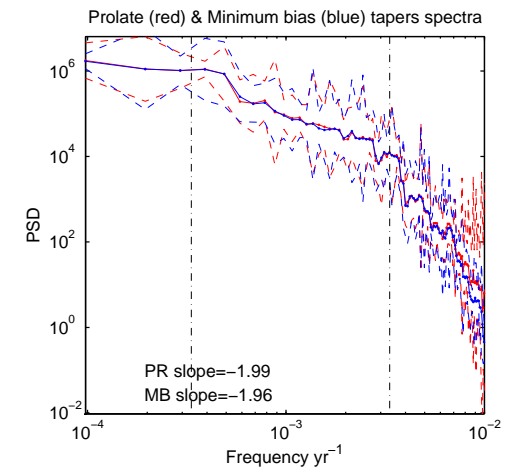
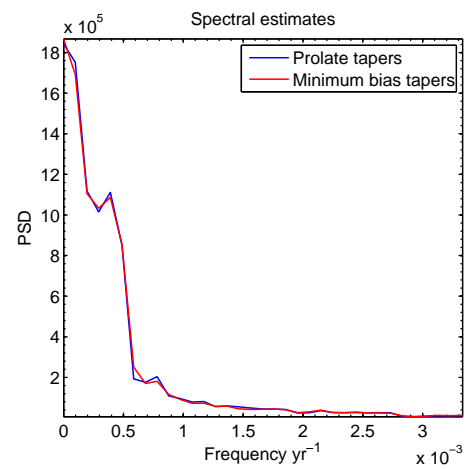
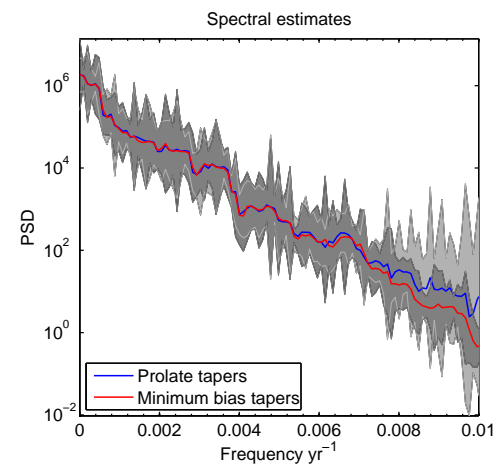
CAM - Brazo Campanario, Argentina

Inclination



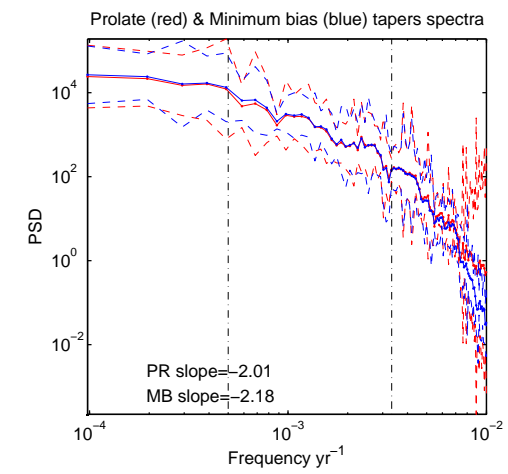
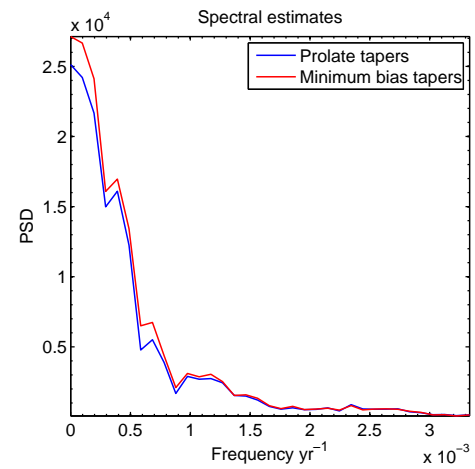
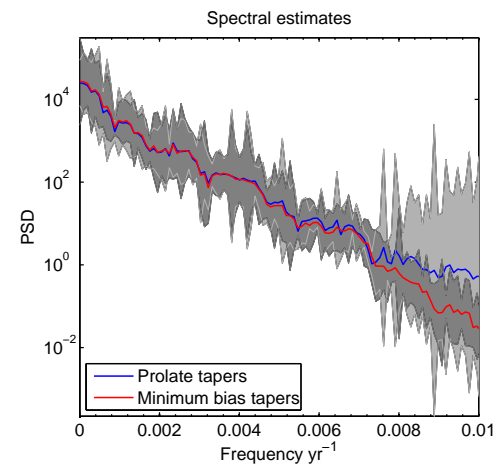
CHU – Chukchi Sea, Arctic Ocean

Declination



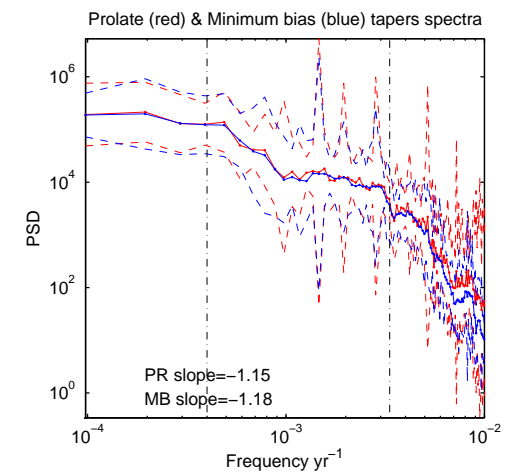
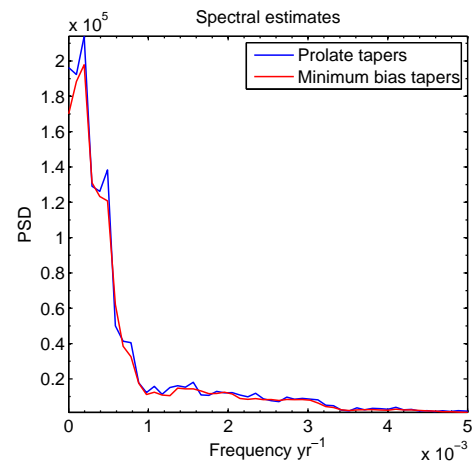
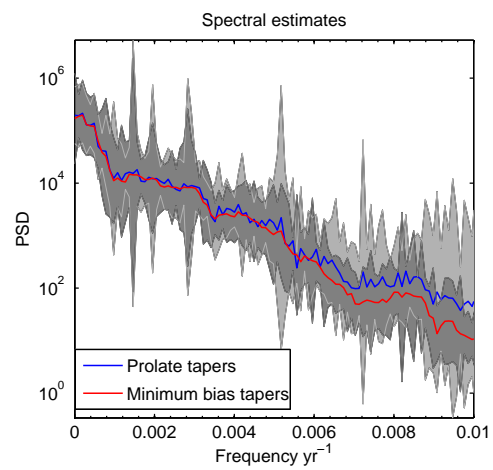
CHU – Chukchi Sea, Arctic Ocean

Inclination



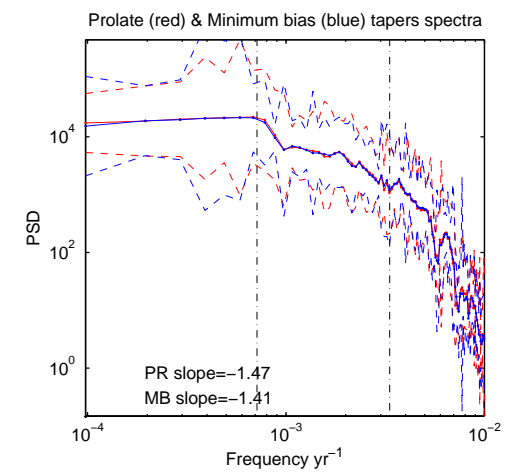
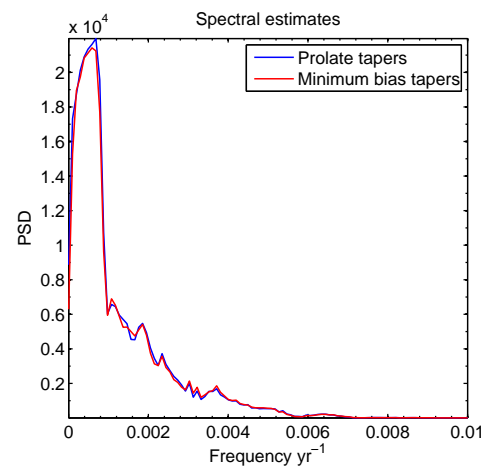
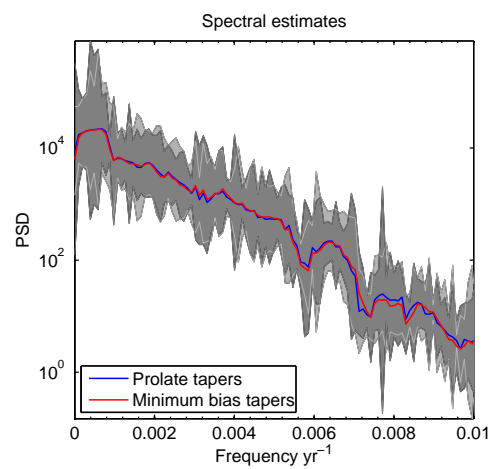
DES – Dead Sea, Israel

Declination



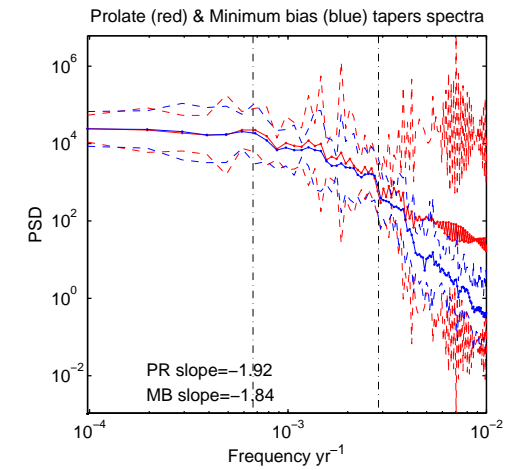
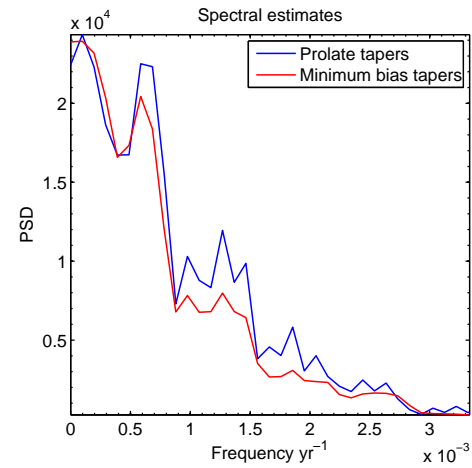
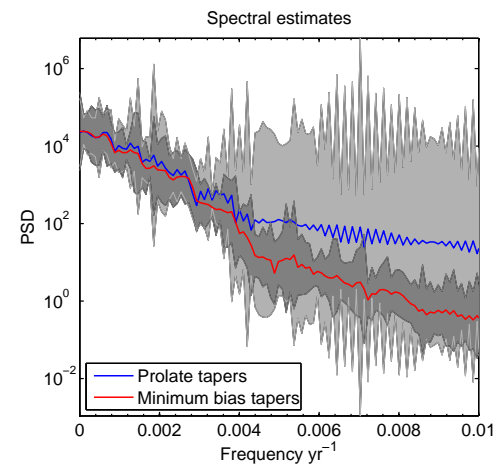
DES – Dead Sea, Israel

Inclination



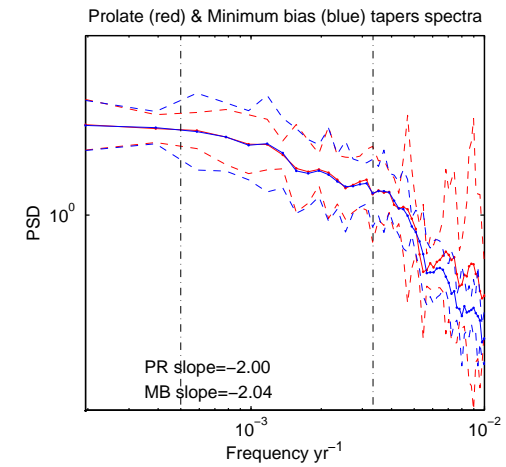
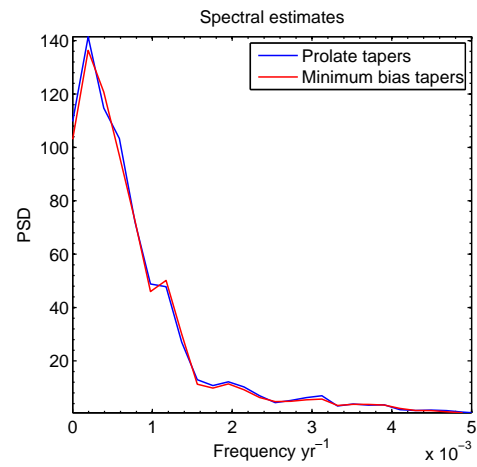
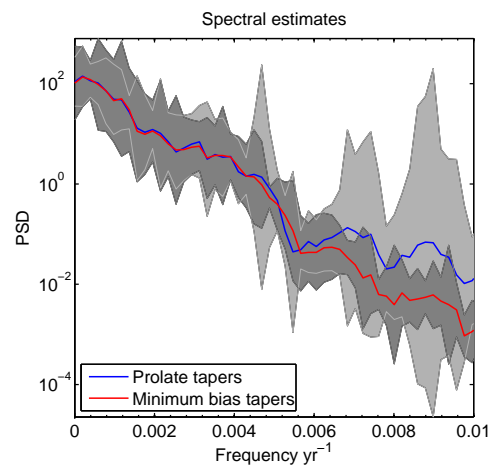
EAC – Lake Eacham, Australia

Inclination



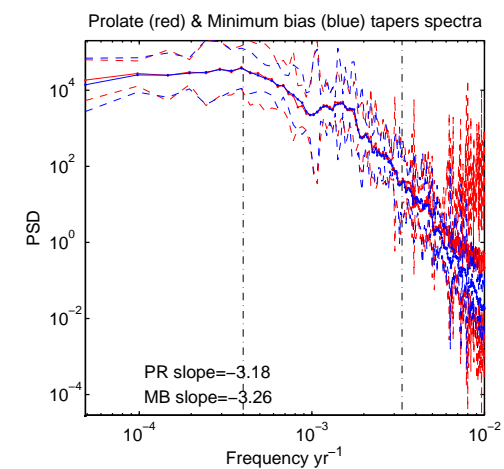
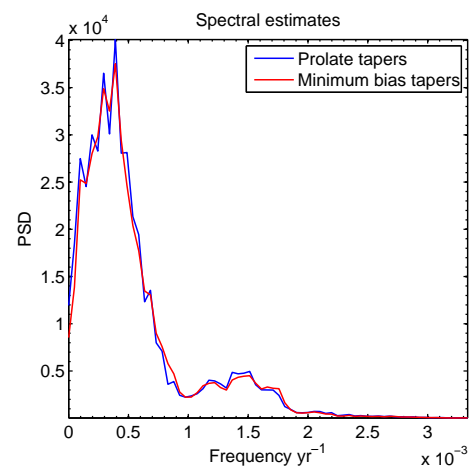
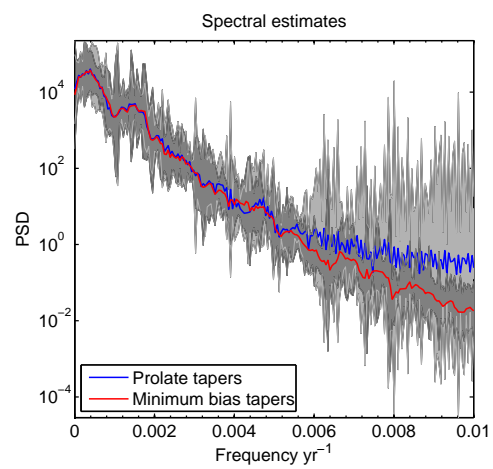
EAC – Lake Eacham, Australia

RPI



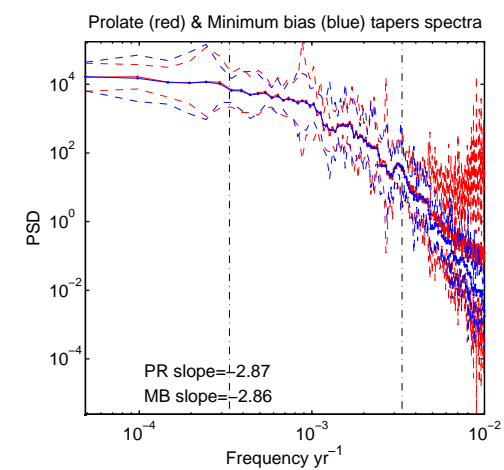
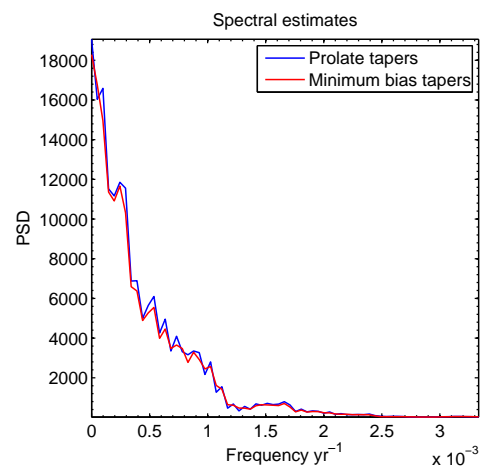
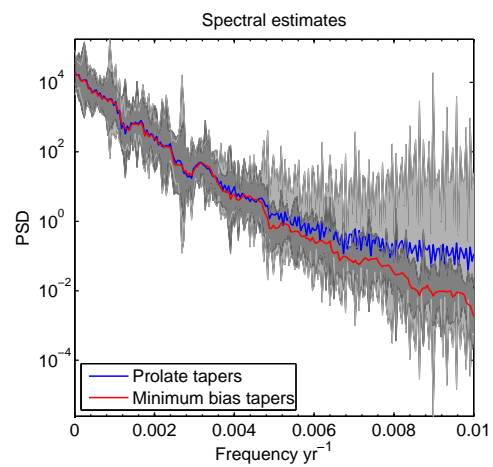
EIF – Eifel maars, Germany

Declination



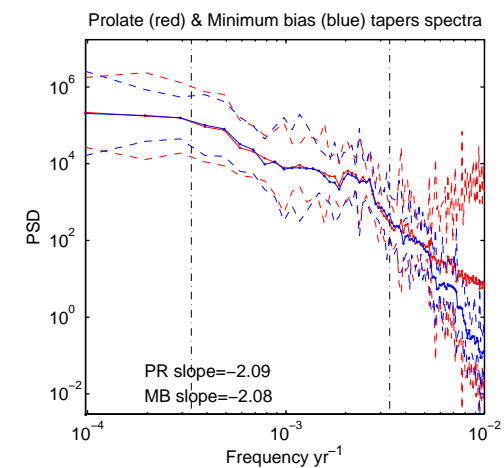
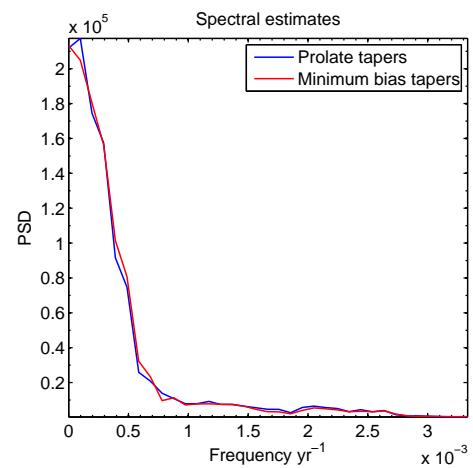
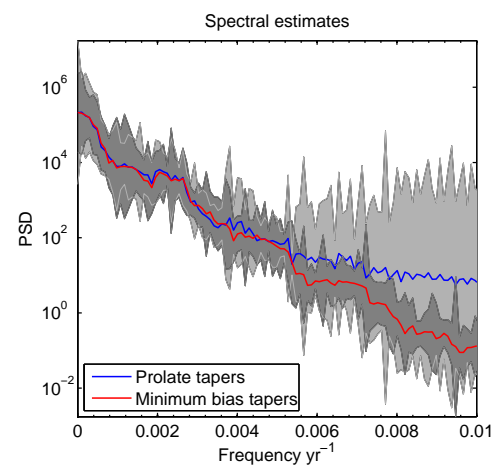
EIF – Eifel maars, Germany

Inclination



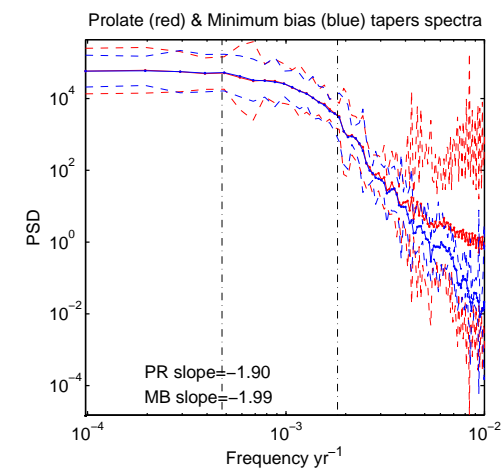
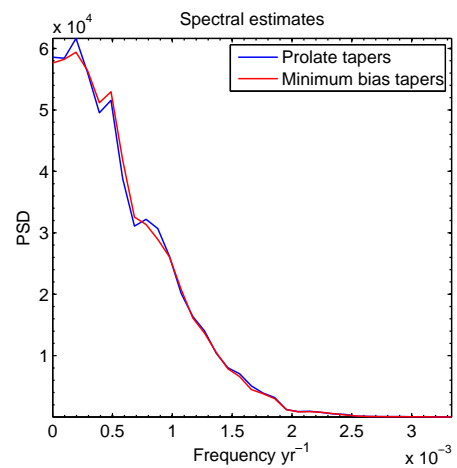
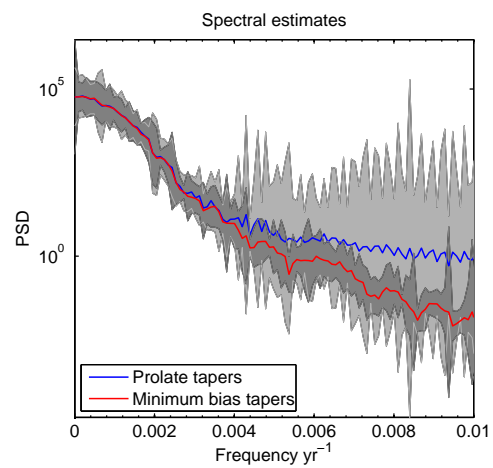
ERH – Erhai Lake, China

Declination



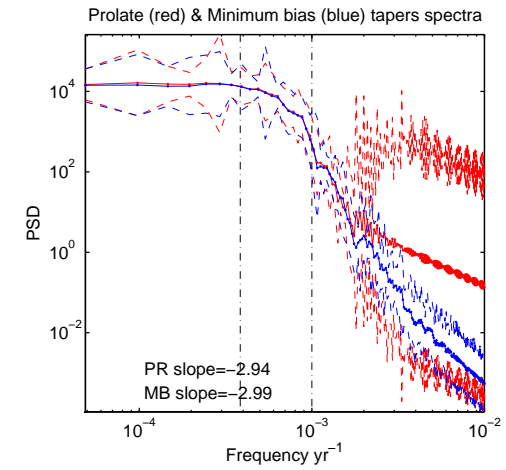
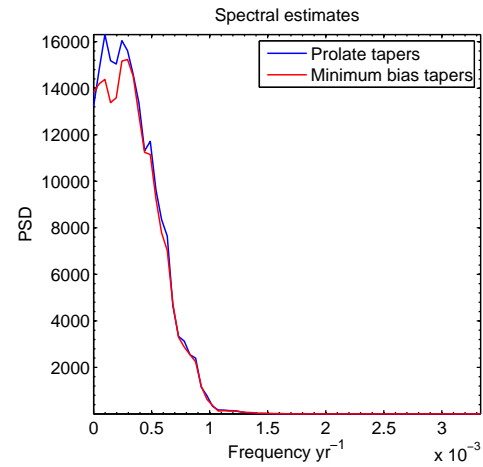
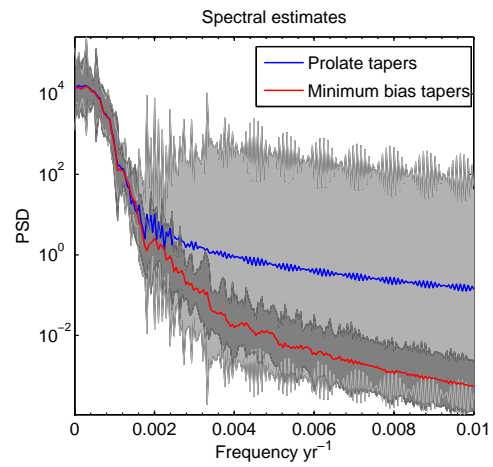
ERH – Erhai Lake, China

Inclination



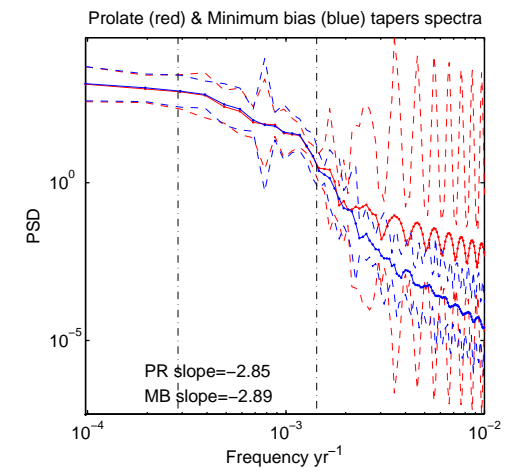
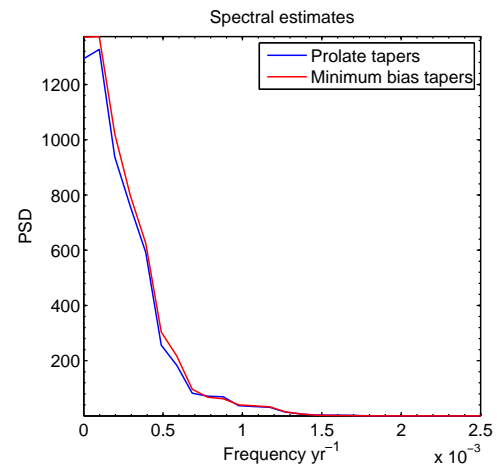
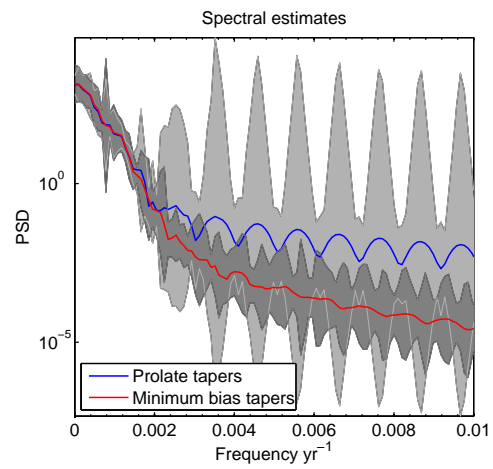
ESC – Lake Escondido, Argentina

Inclination



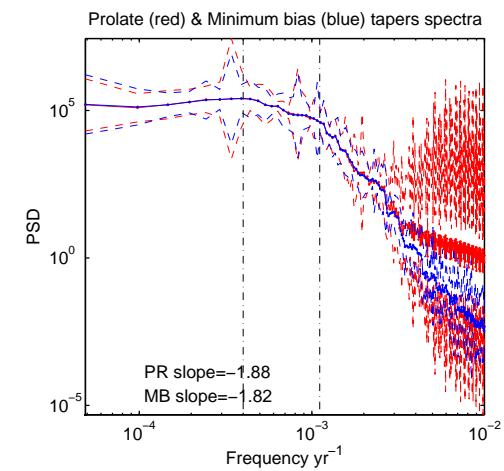
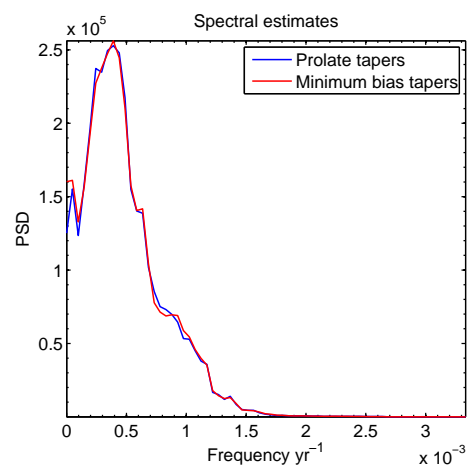
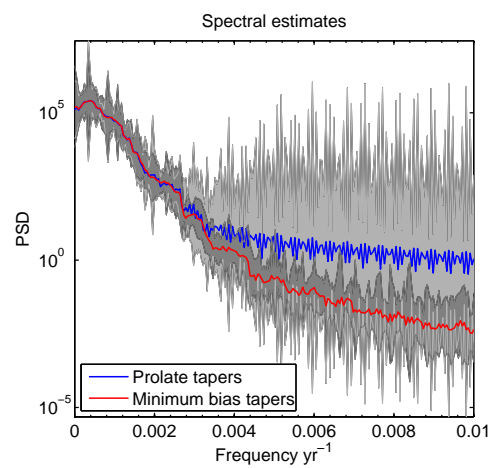
ESC – Lake Escondido, Argentina

RPI



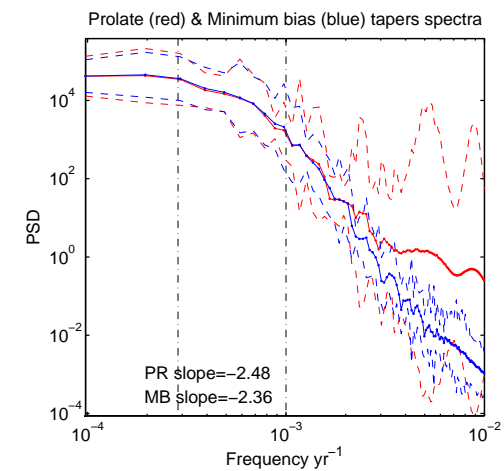
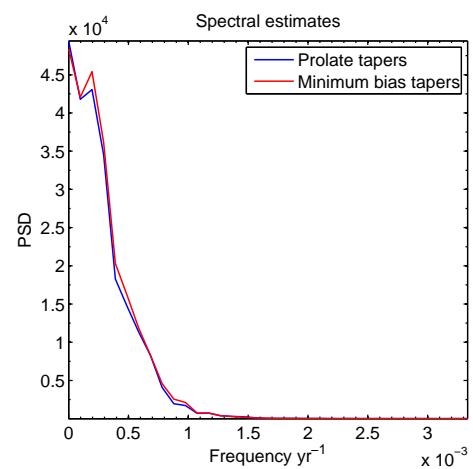
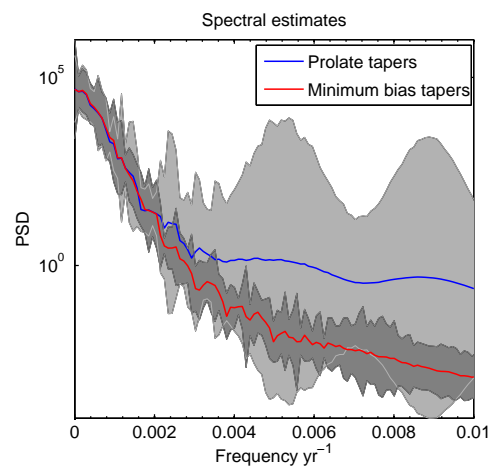
FAN – Lake Fangshan, China

Declination



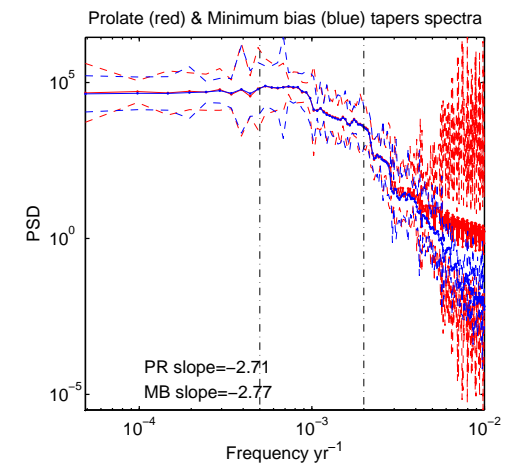
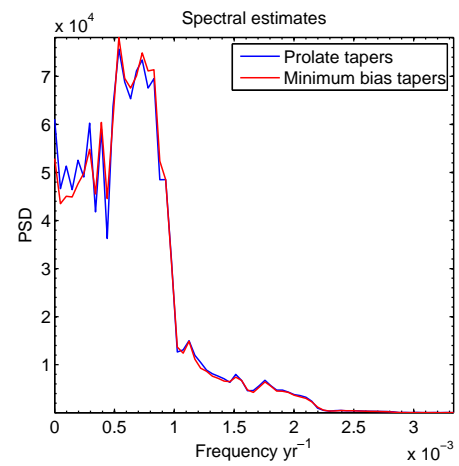
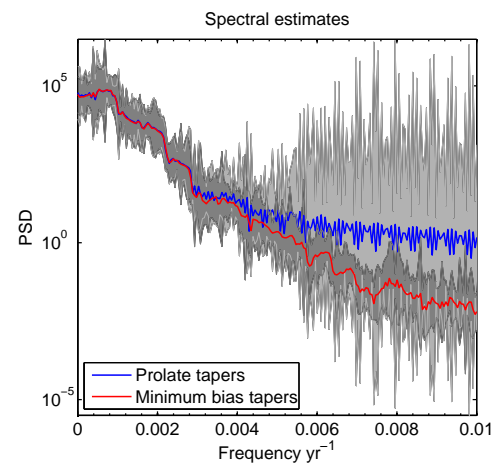
FIN – Finnish Lakes, Finland

Inclination



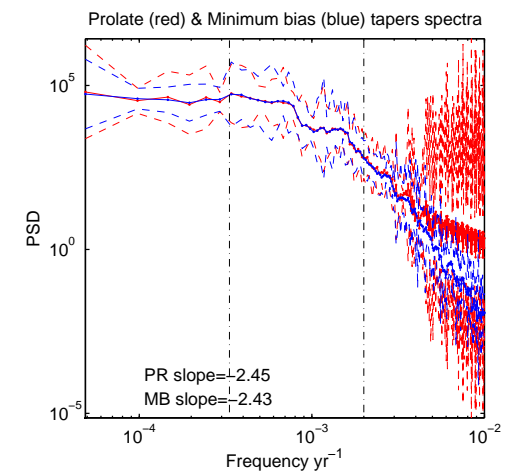
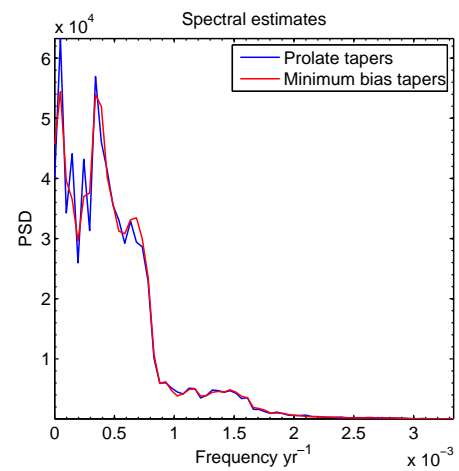
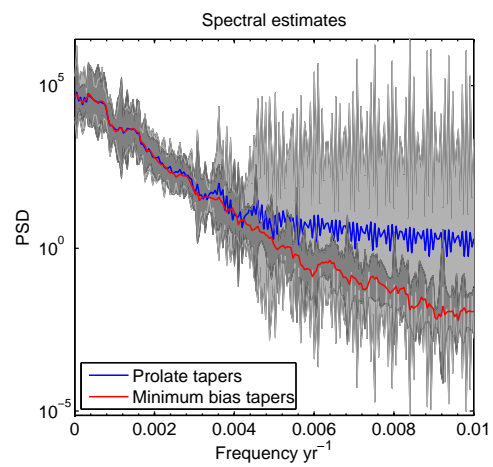
FIS – Fish Lake, USA

Declination



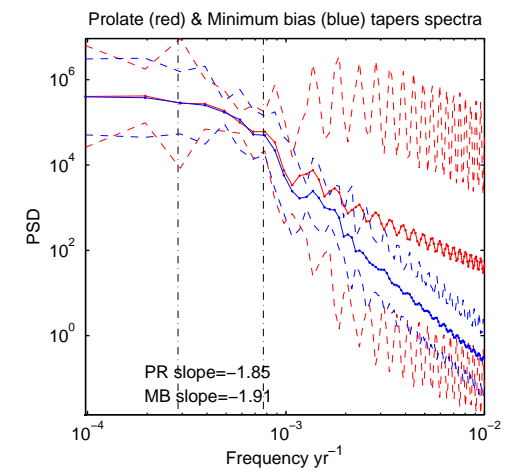
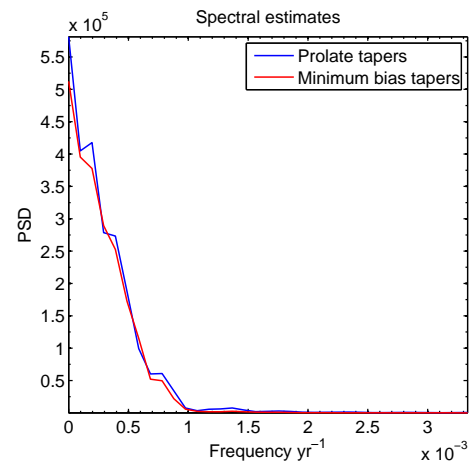
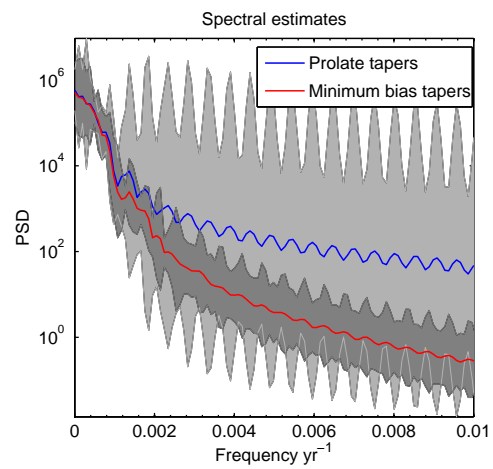
FIS – Fish Lake, USA

Inclination



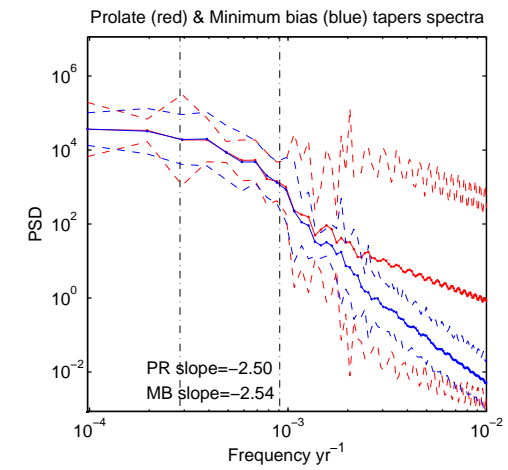
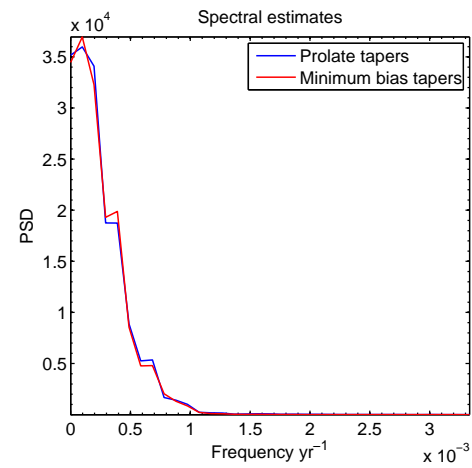
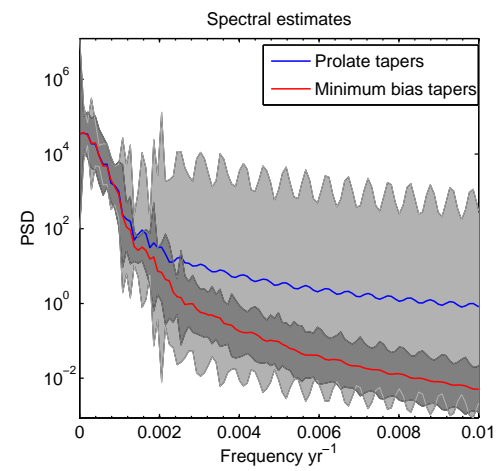
FRG – Frängsjön, Sweden

Declination



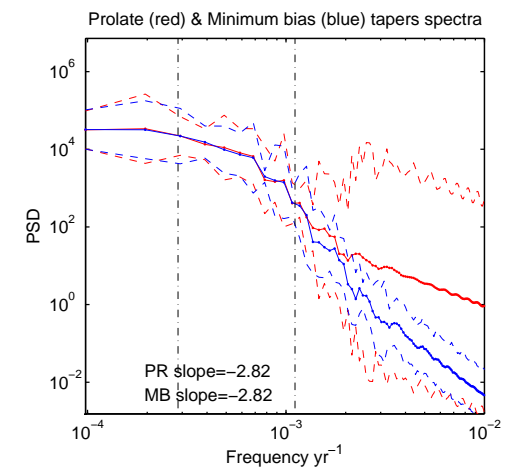
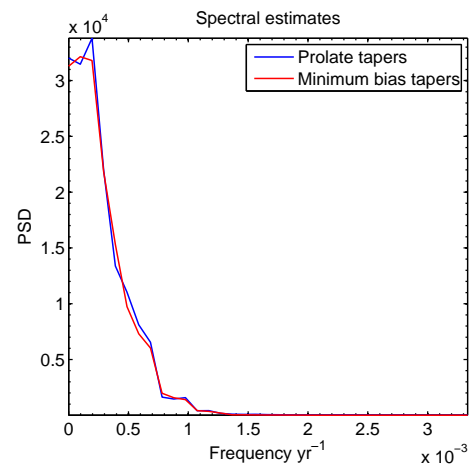
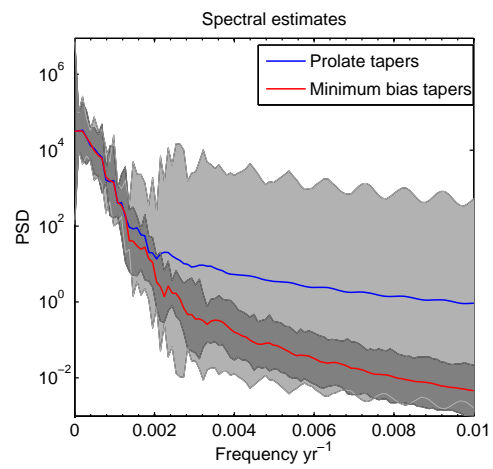
FRG – Frängsjön, Sweden

Inclination



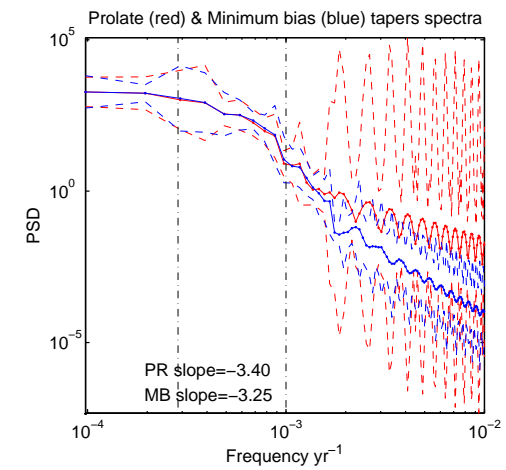
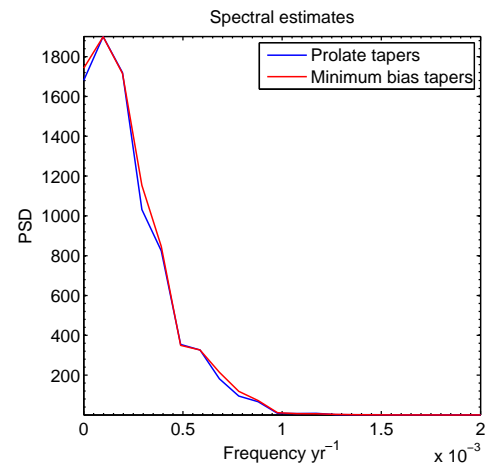
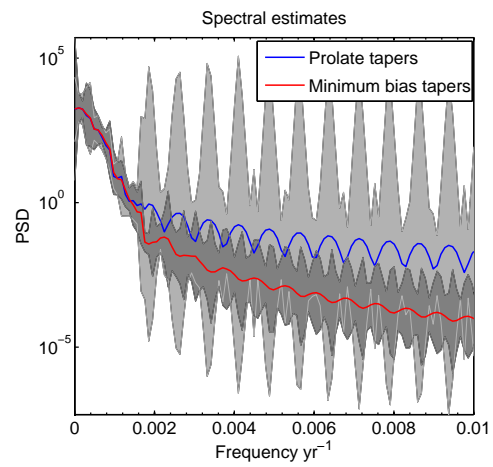
FUR – Furskogstjärnet, Sweden

Inclination



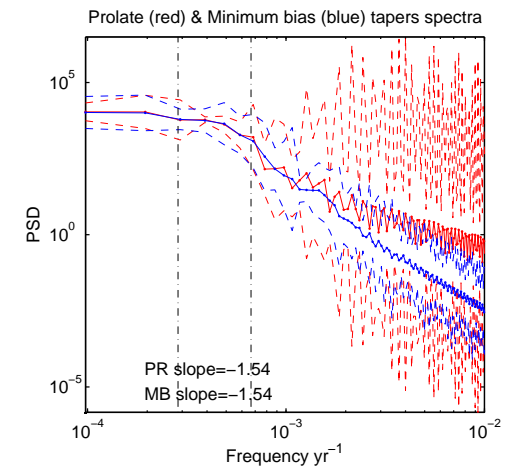
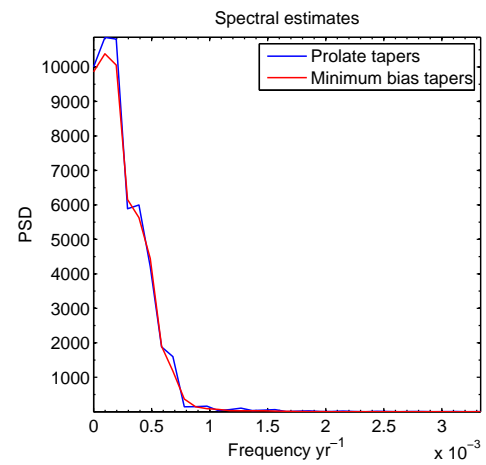
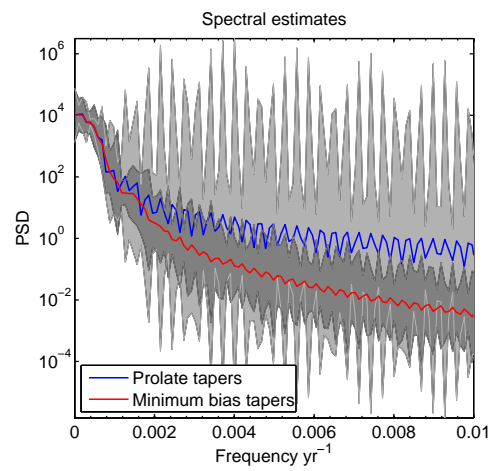
GAR – Gardar Drift, North Atlantic

RPI



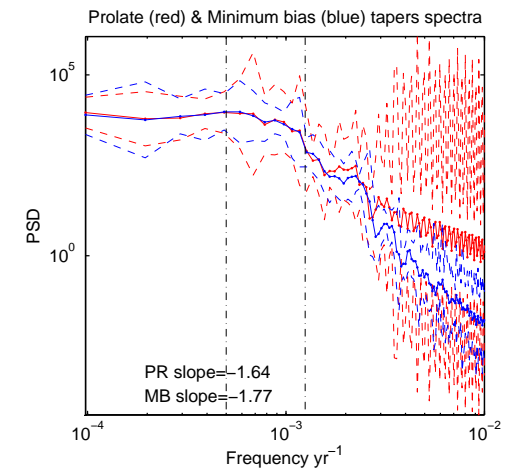
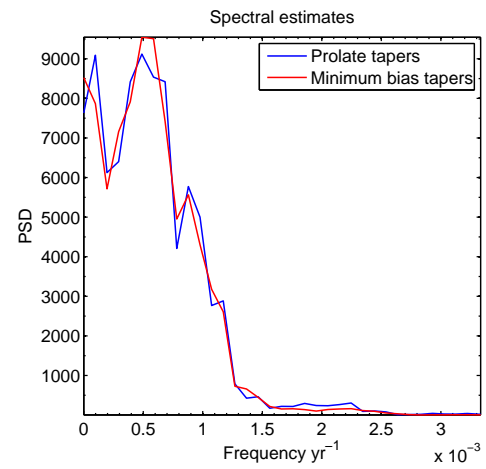
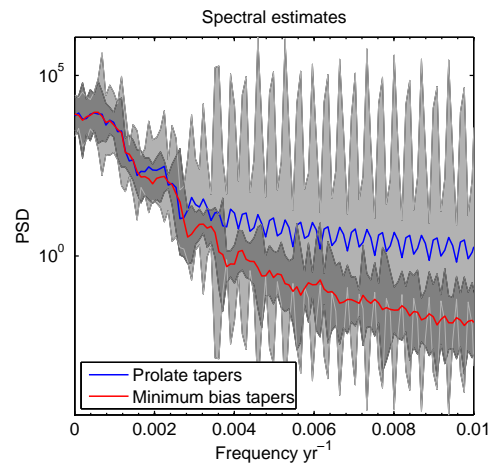
GEI – Llyn Geirionydd, UK

Inclination



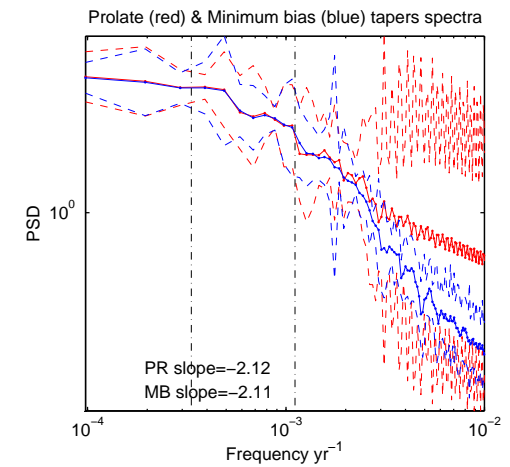
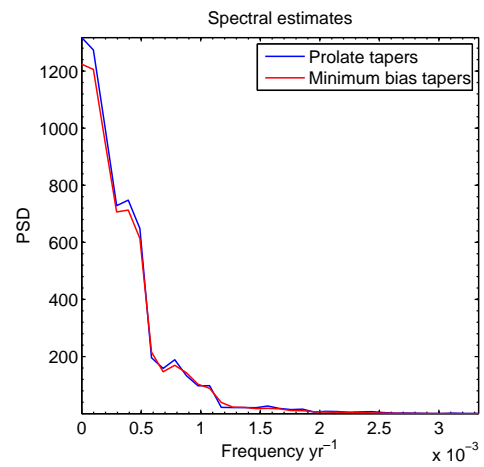
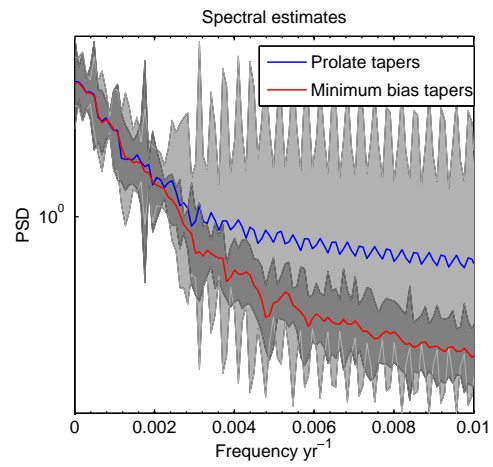
GHI – Cape Ghir, NW Afr. Margin

Inclination



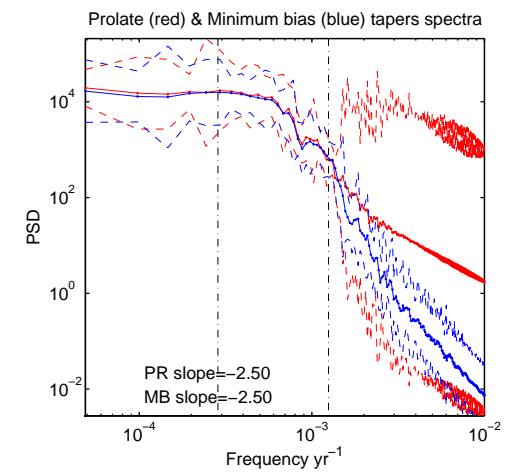
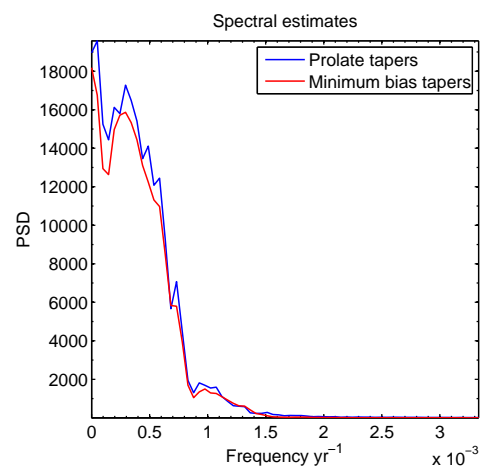
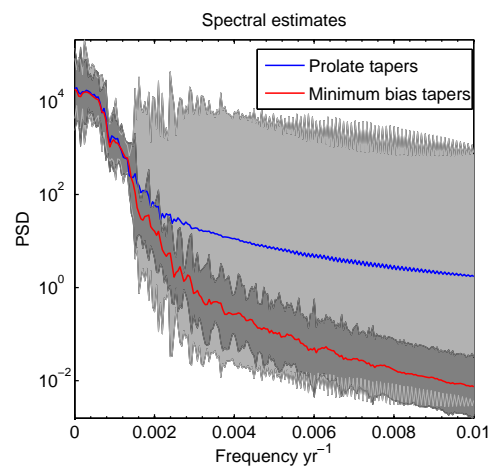
GHI – Cape Ghir, NW Afr. Margin

RPI



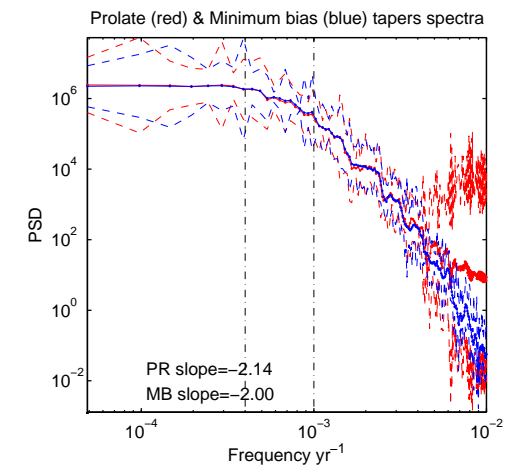
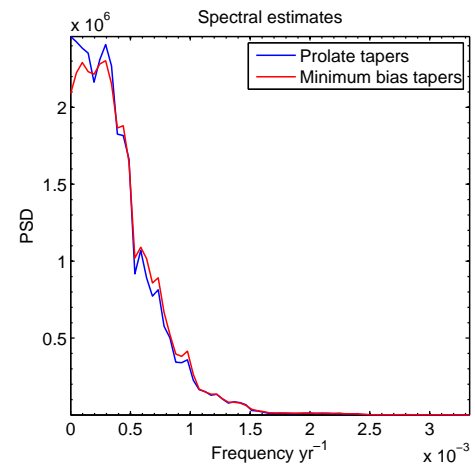
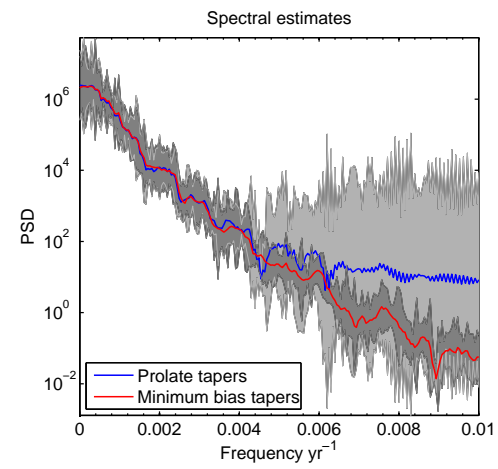
GNO – Lake Gnotuk, Australia

Inclination



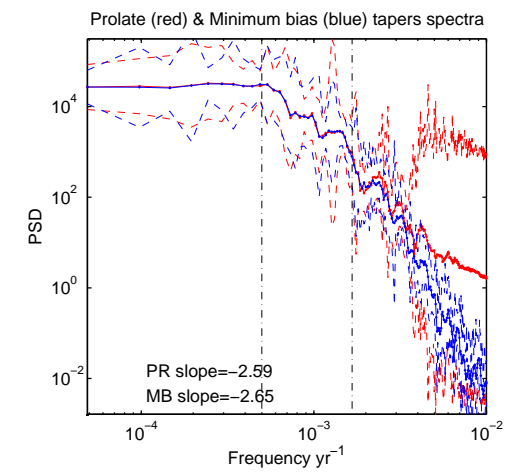
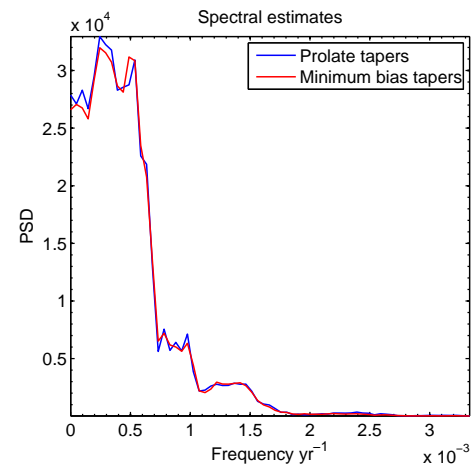
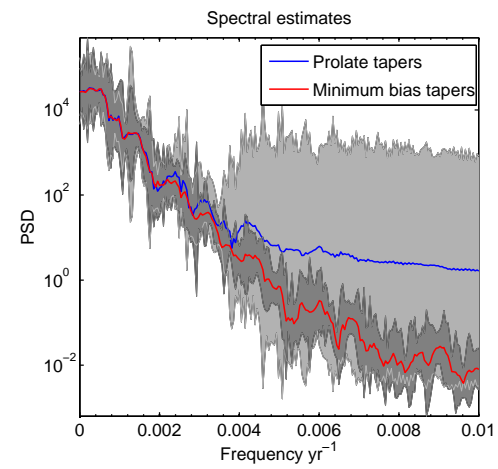
GRE – Greenland, North Atlantic

Declination



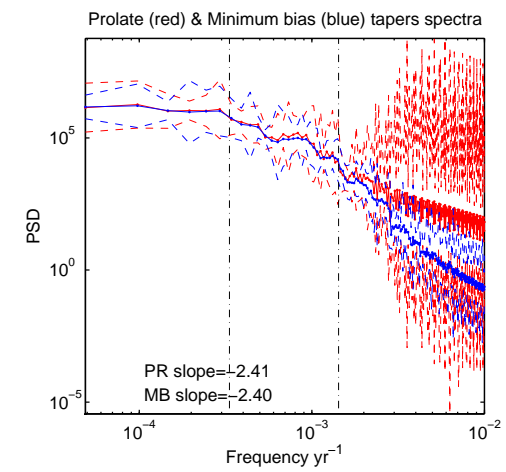
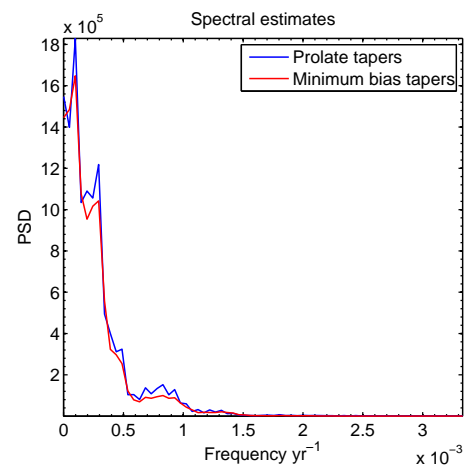
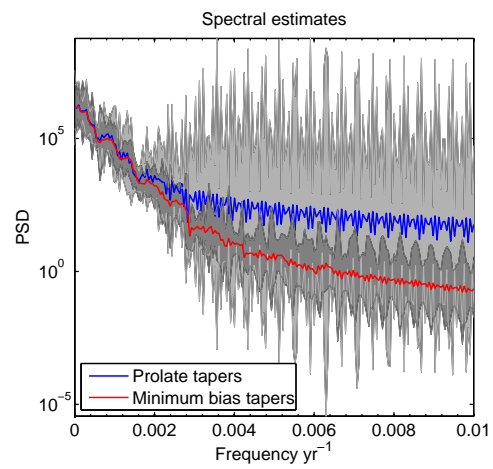
GRE – Greenland, North Atlantic

Inclination



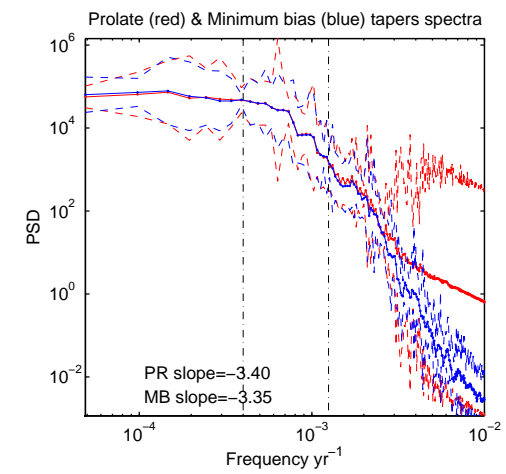
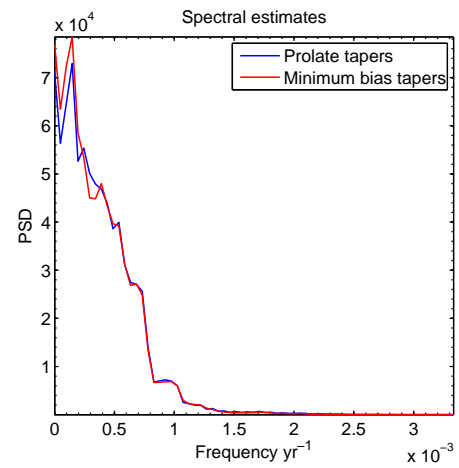
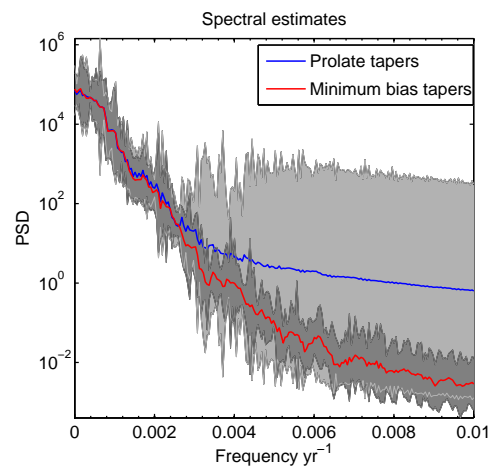
HUR – Lake Huron, USA

Declination



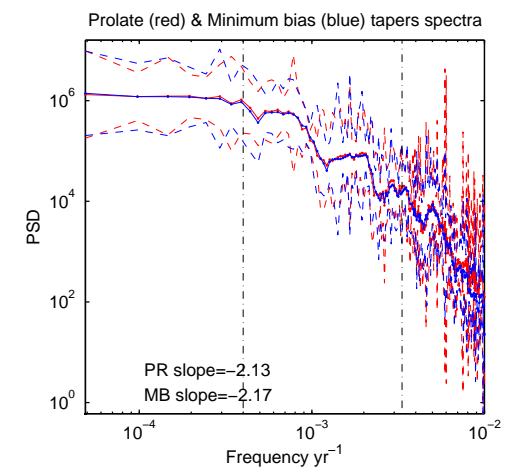
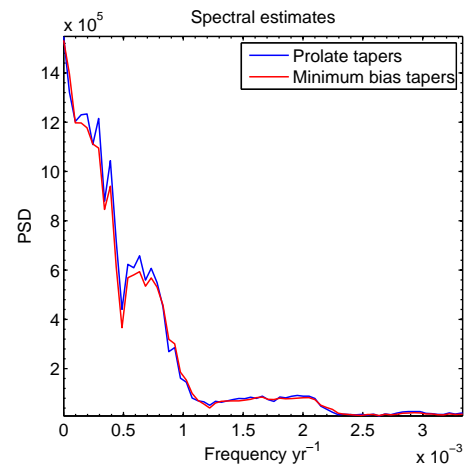
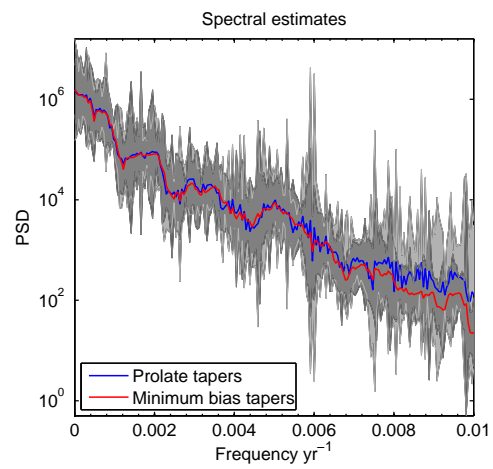
HUR – Lake Huron, USA

Inclination



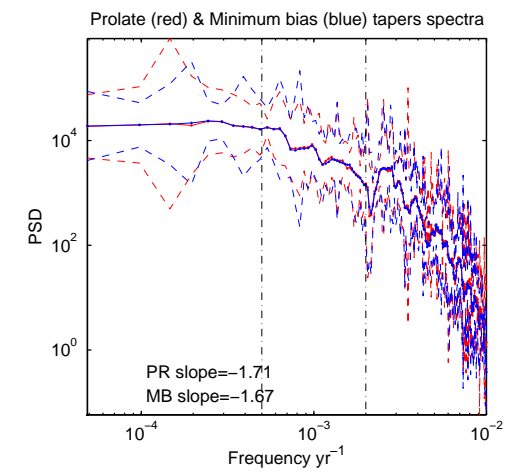
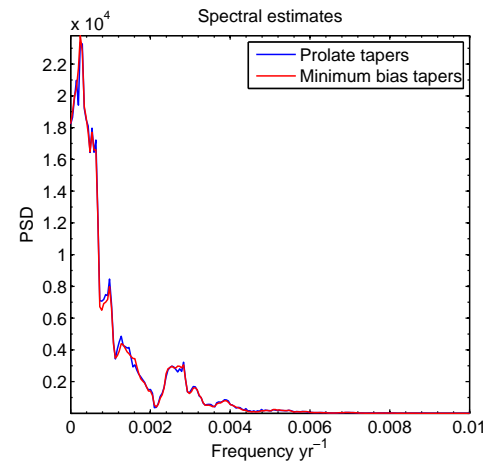
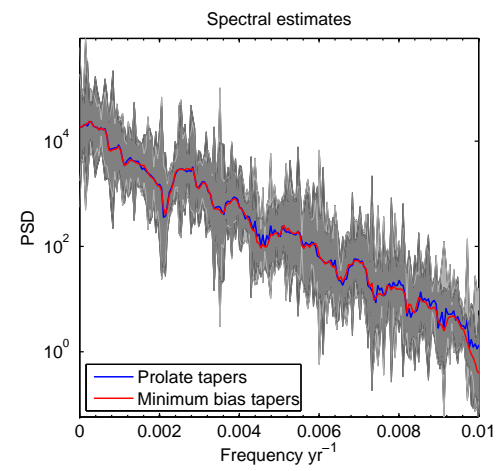
ICE – Iceland, North Atlantic

Declination



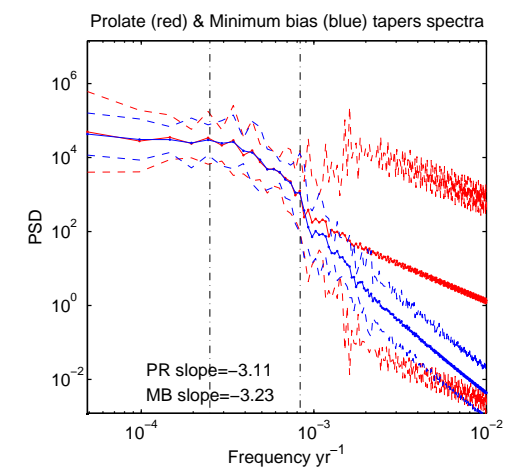
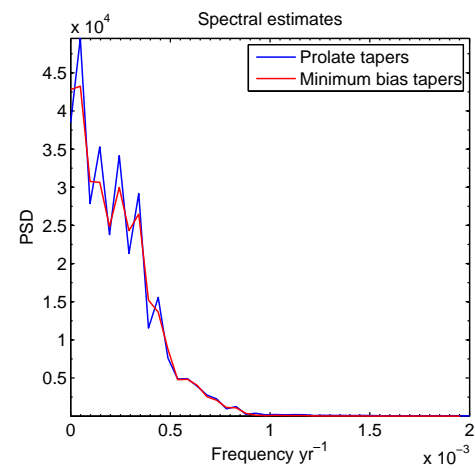
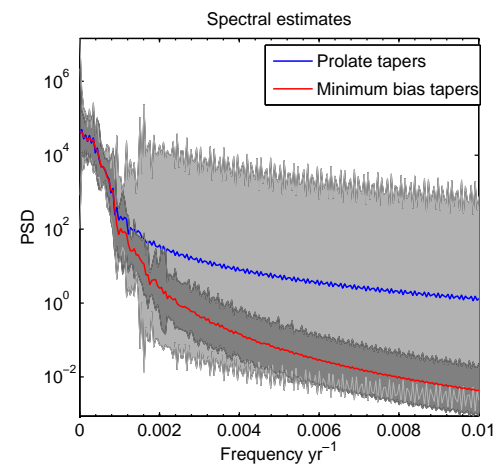
ICE – Iceland, North Atlantic

Inclination



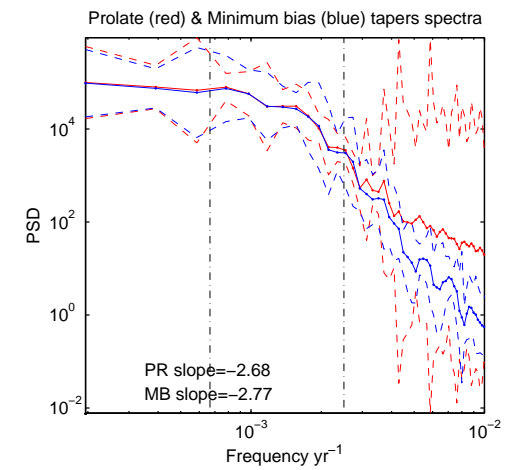
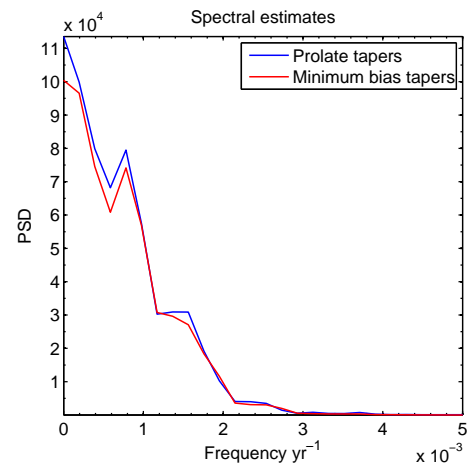
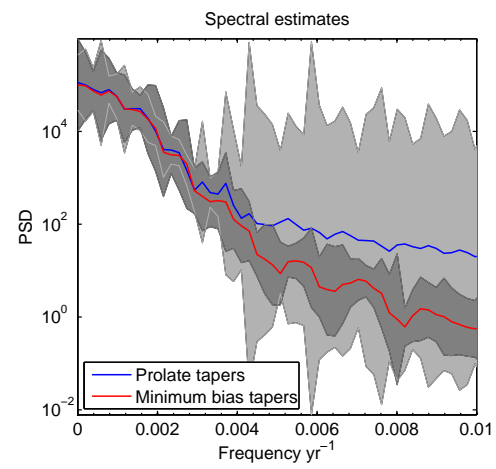
KEI – Lake Keilambete, Australia

Declination



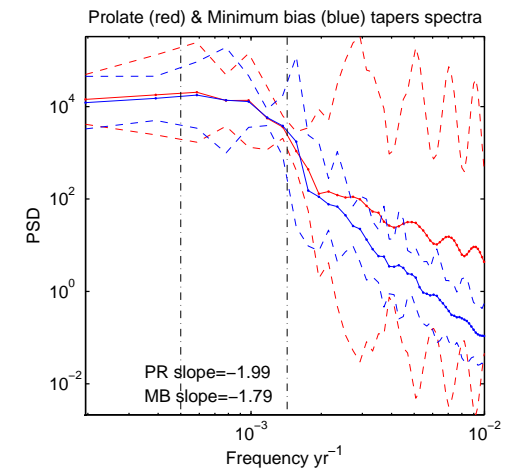
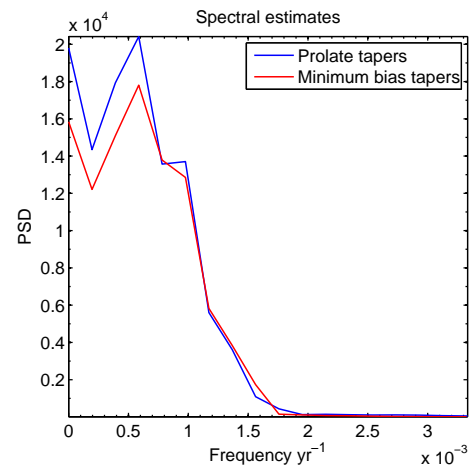
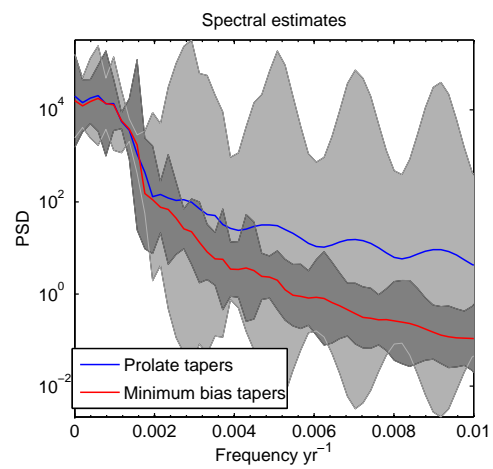
KYL – Kylen Lake, Minnesota

Declination



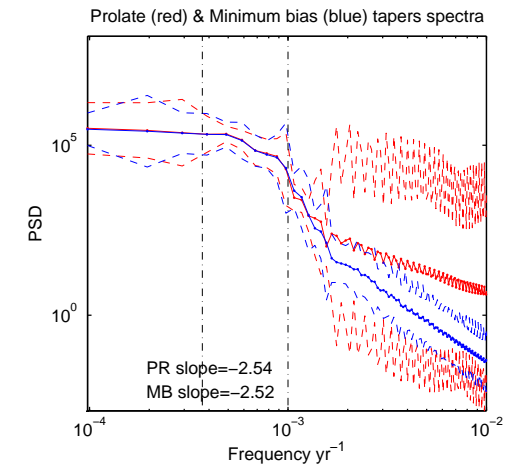
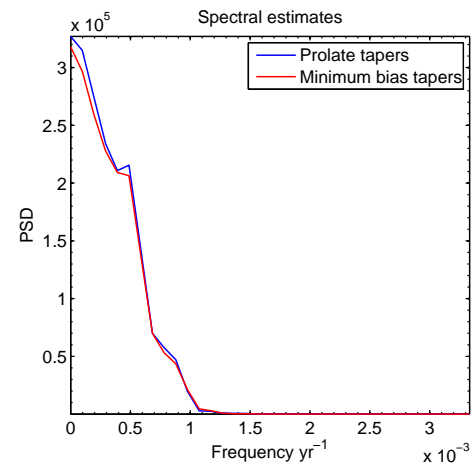
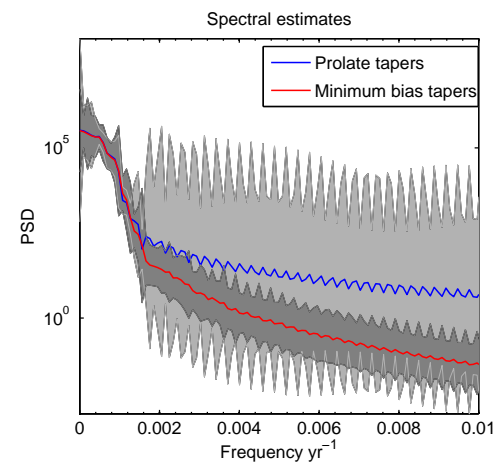
LEB – Lake LeBoeuf, USA

Inclination



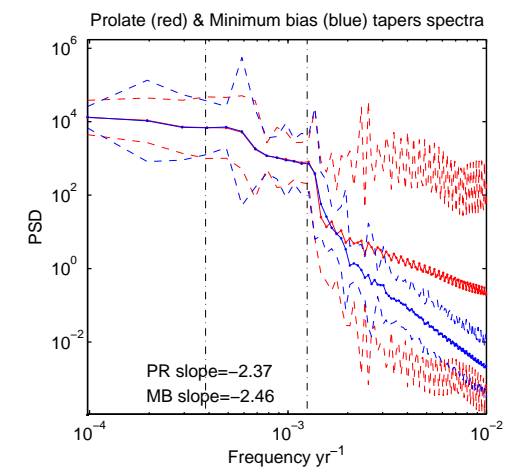
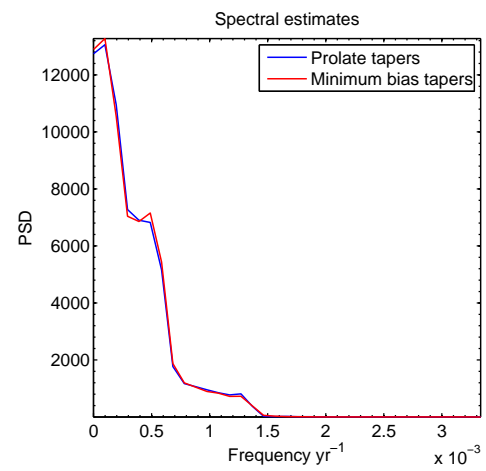
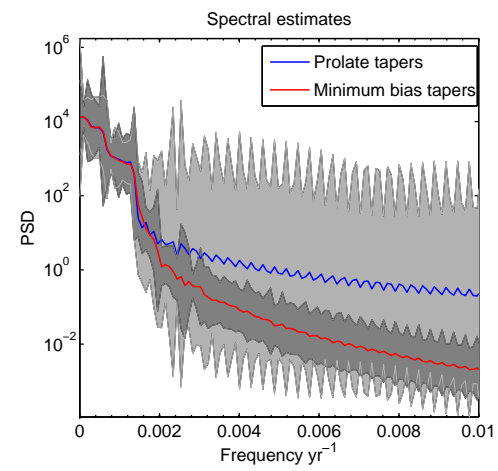
LOM – Loch Lomond, UK

Declination



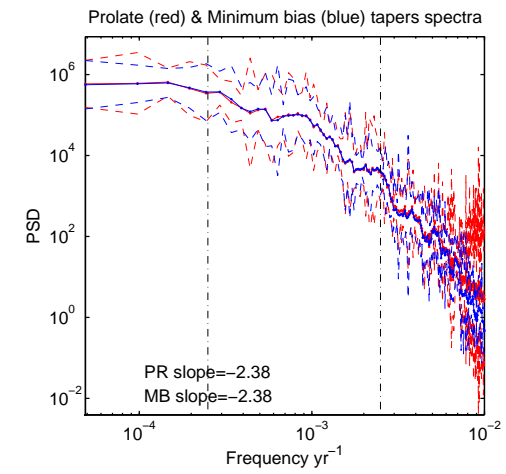
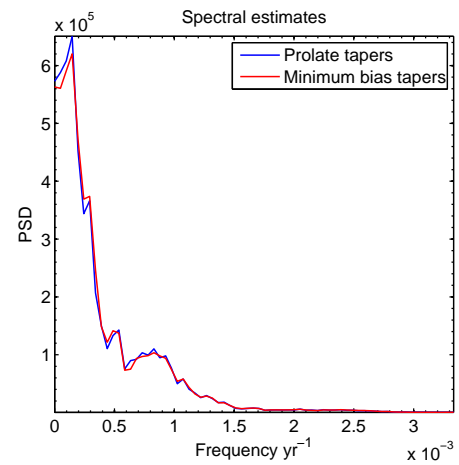
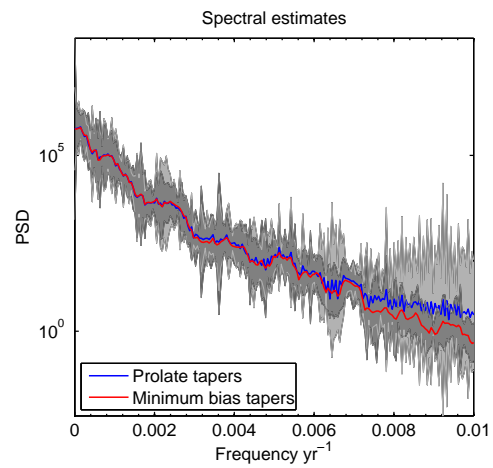
LOM – Loch Lomond, UK

Inclination



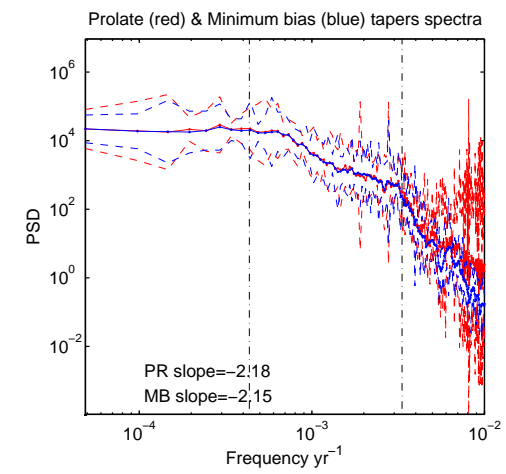
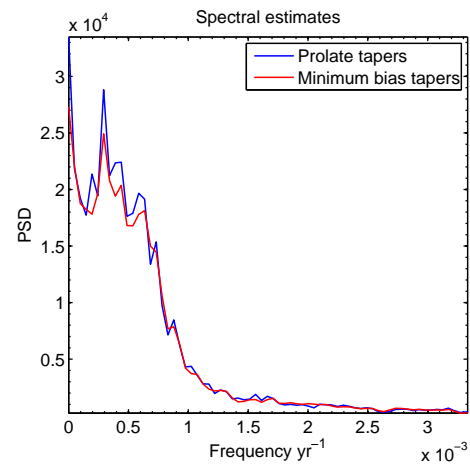
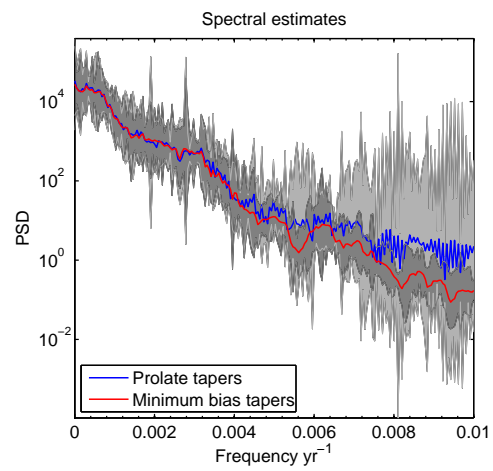
LSC – Lake St.Croix, USA

Declination



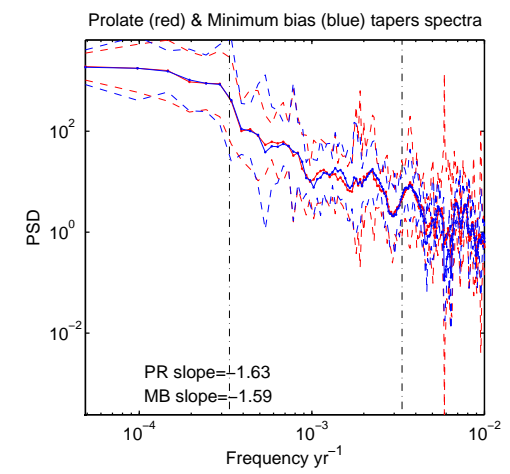
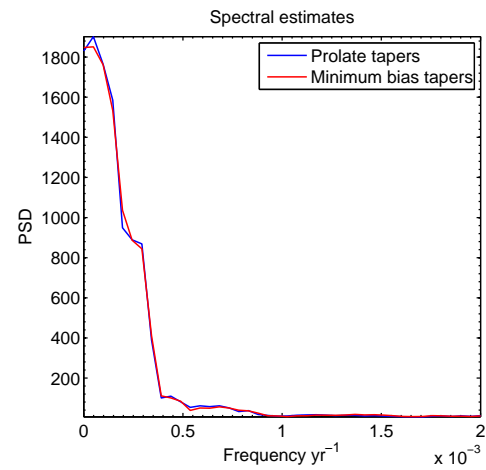
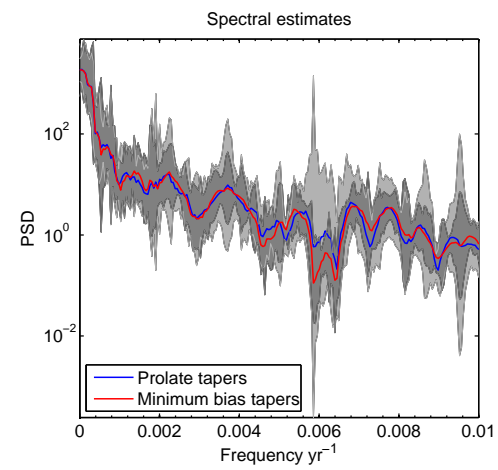
LSC – Lake St.Croix, USA

Inclination



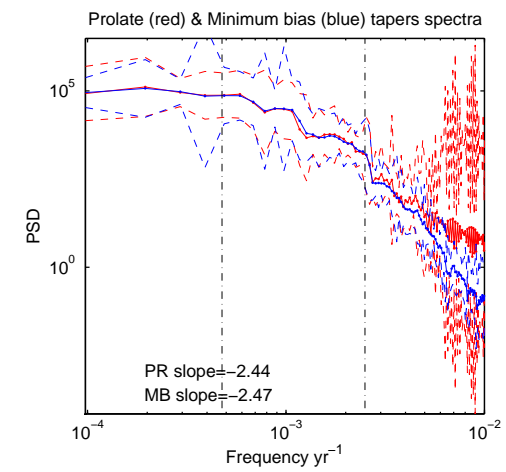
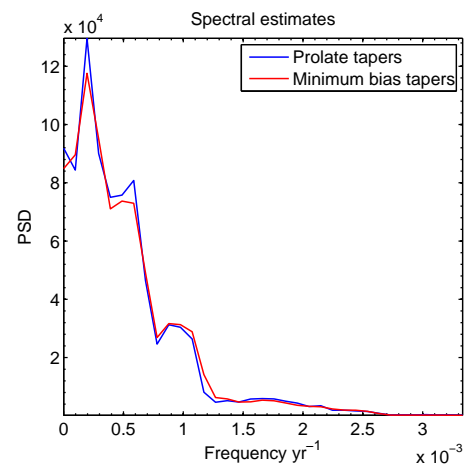
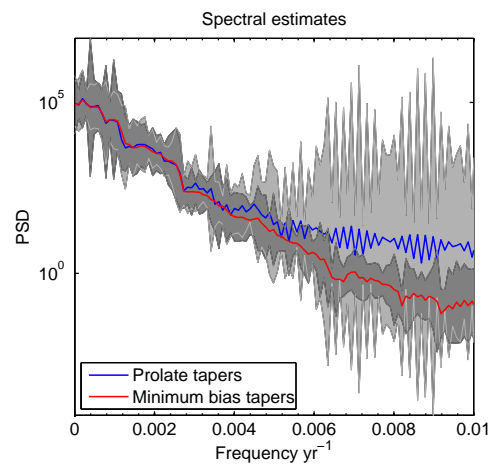
LSC – Lake St.Croix, USA

RPI



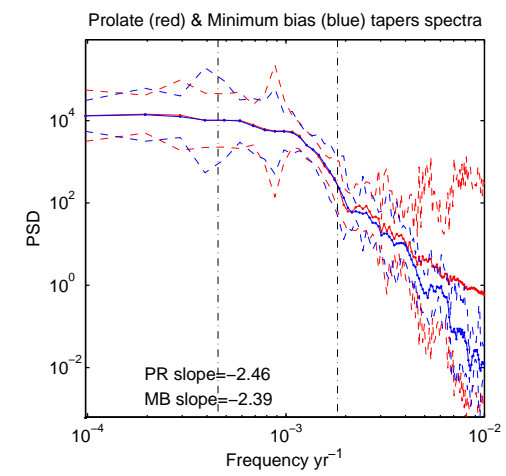
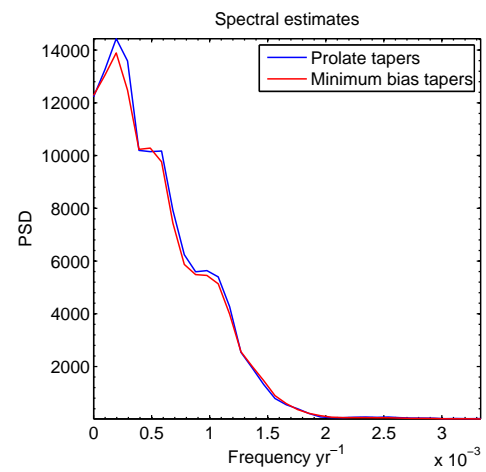
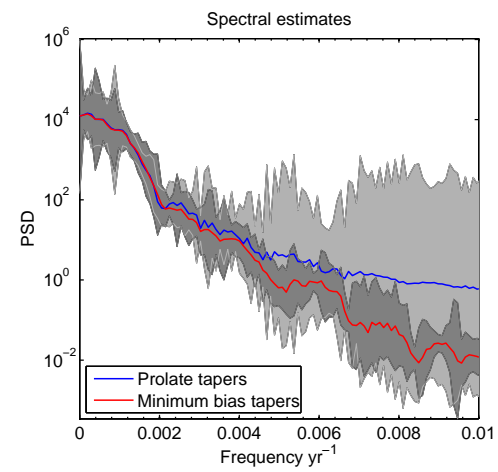
MAR – Mara Lake, Canada

Declination



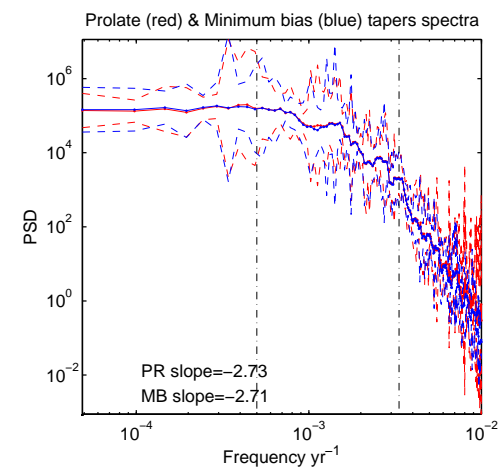
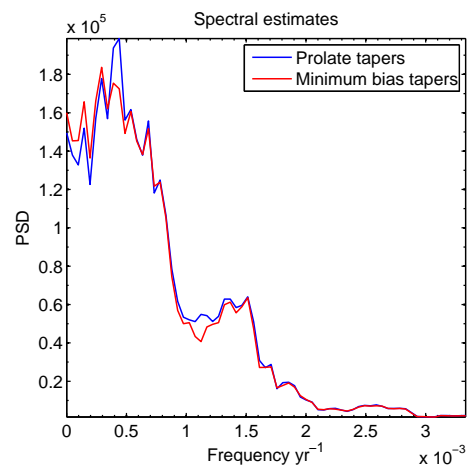
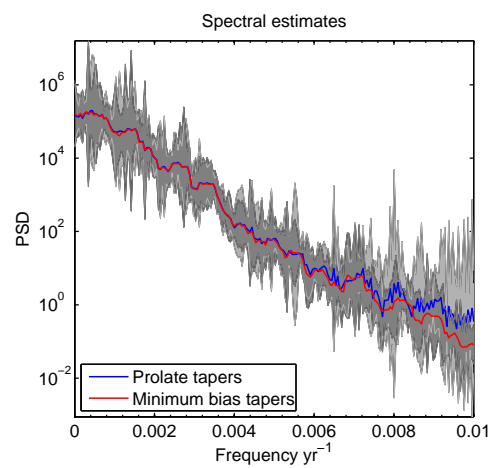
MAR – Mara Lake, Canada

Inclination



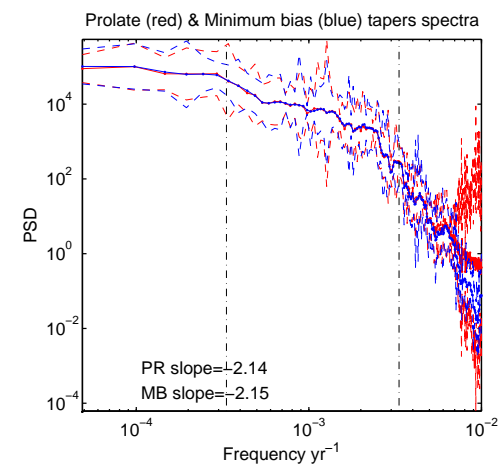
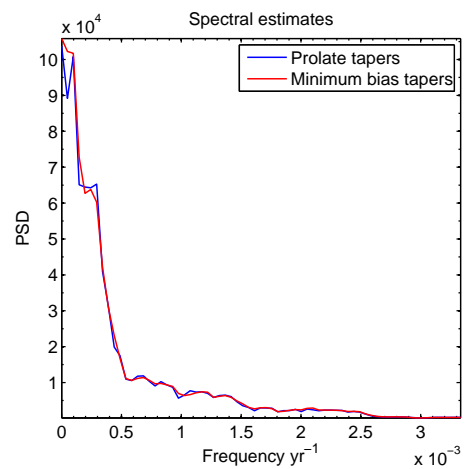
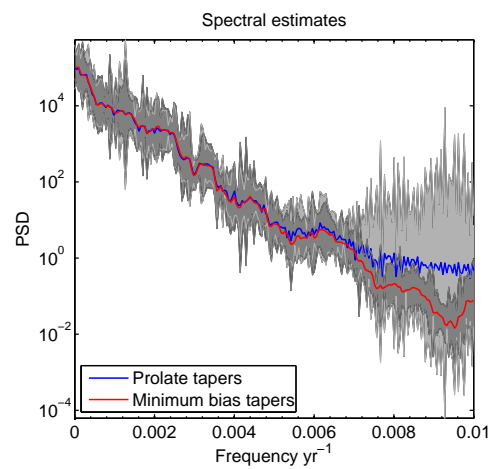
MEE – Meerfelder Maar, Germany

Declination



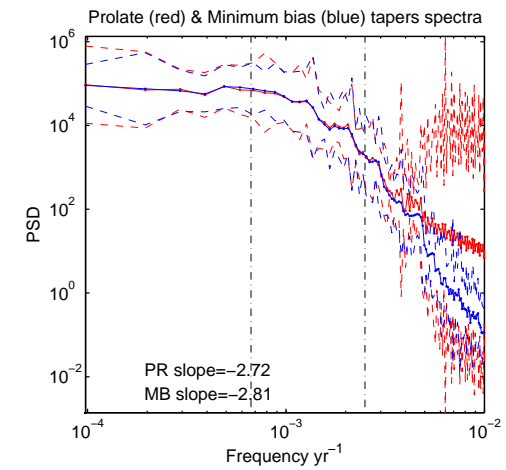
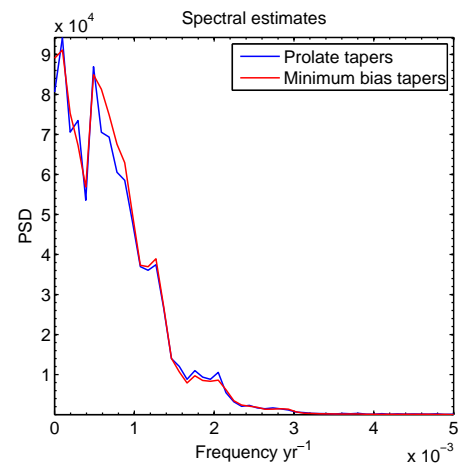
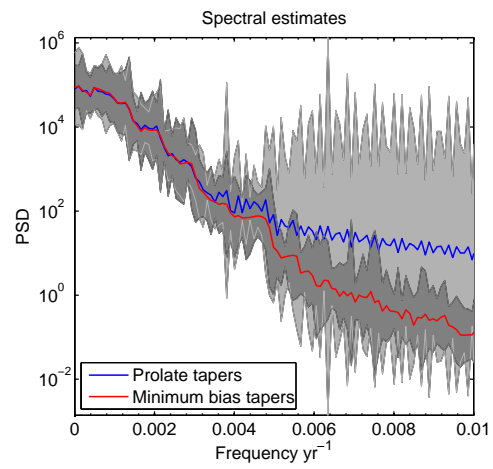
MEE – Meerfelder Maar, Germany

Inclination



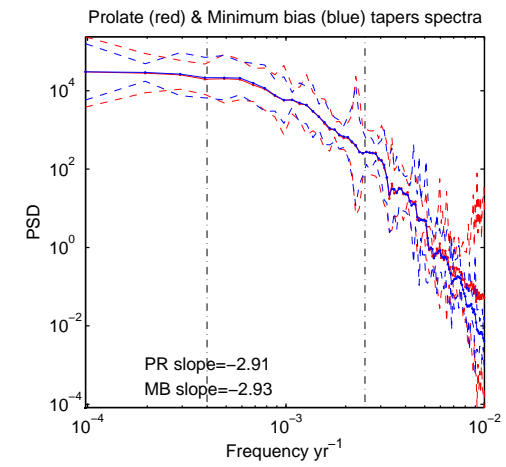
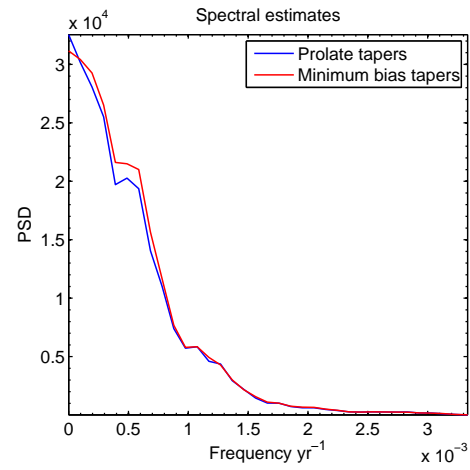
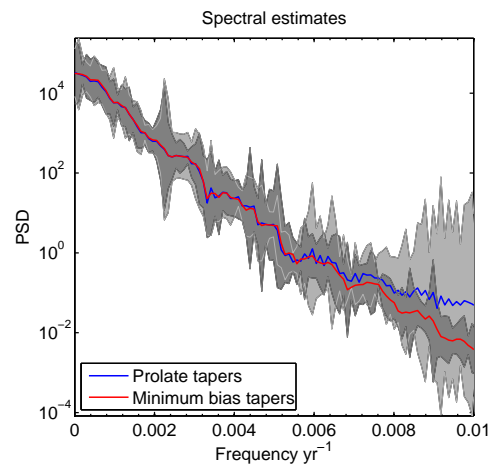
MEZ – Lago di Mezzano, Italy

Declination



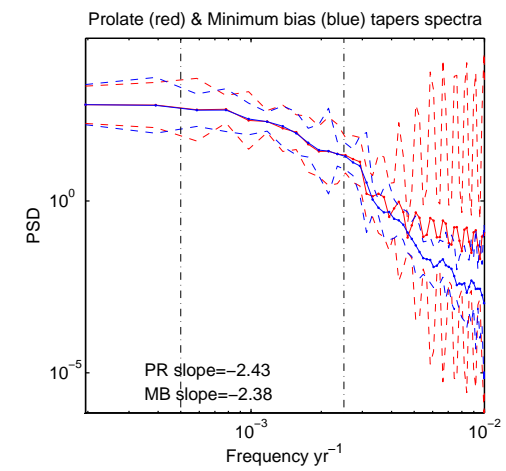
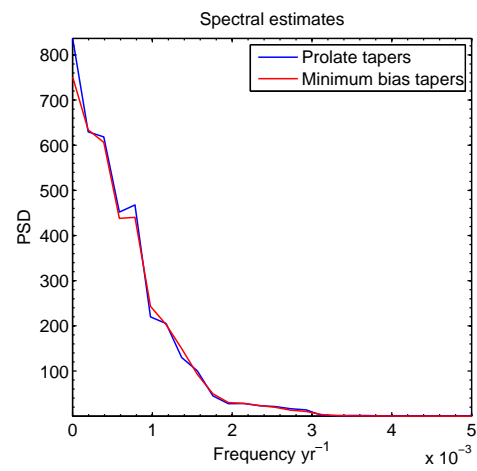
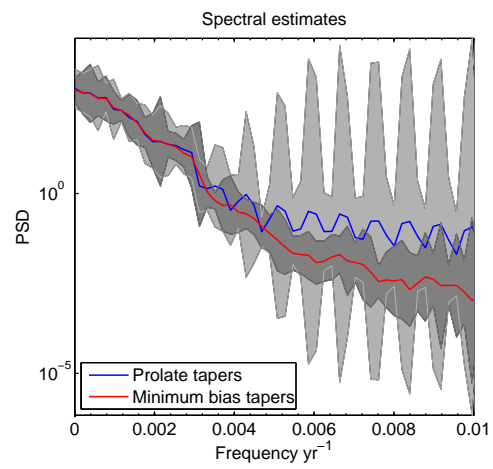
MEZ – Lago di Mezzano, Italy

Inclination



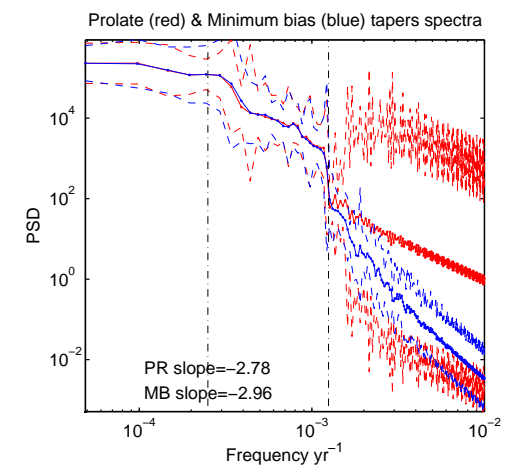
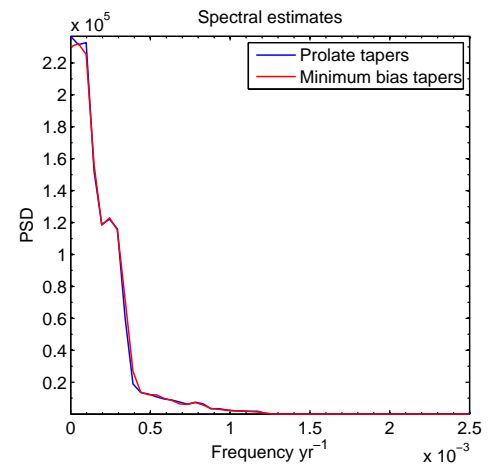
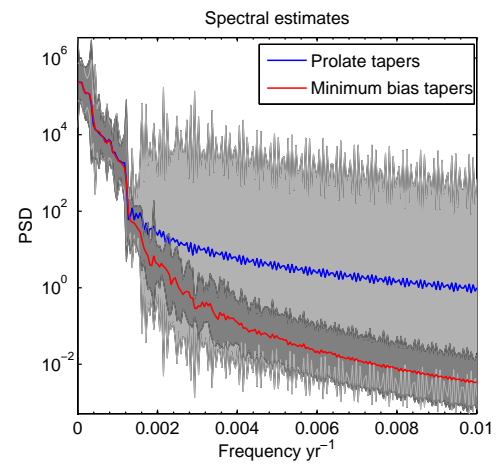
MEZ – Lago di Mezzano, Italy

RPI



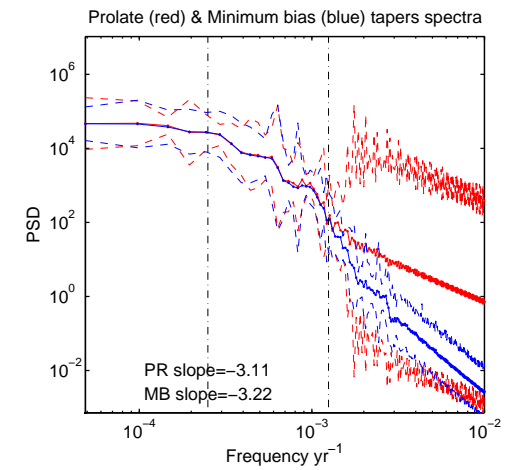
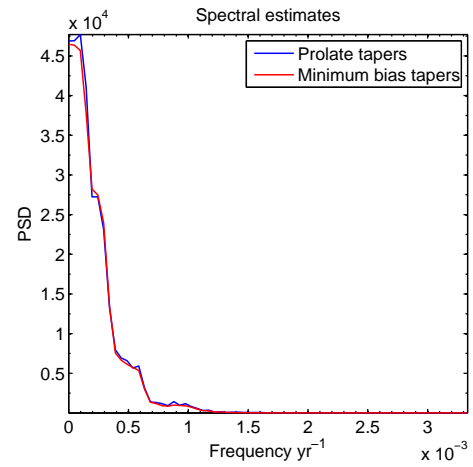
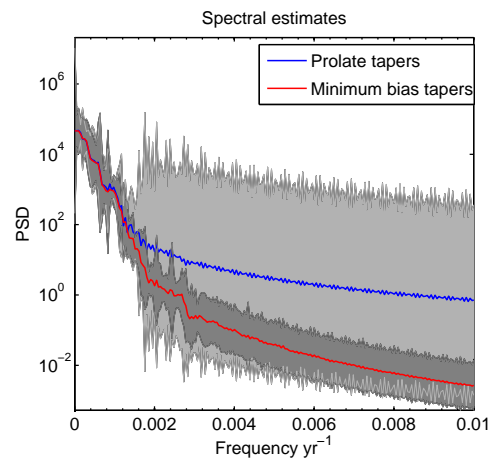
MNT – Lago Morenito, Argentina

Declination



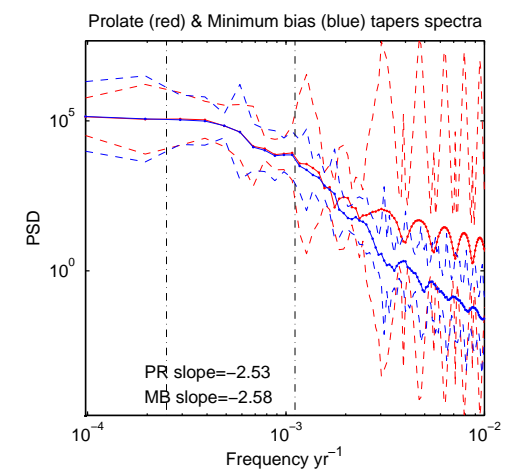
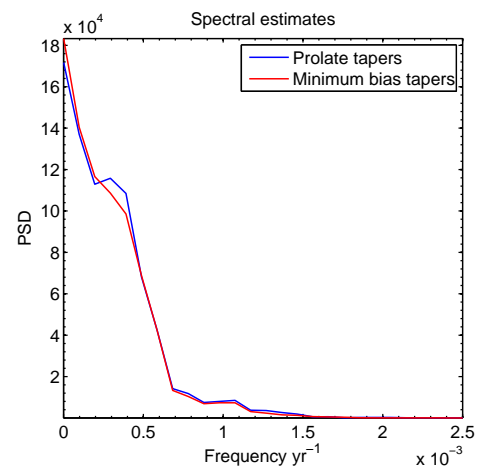
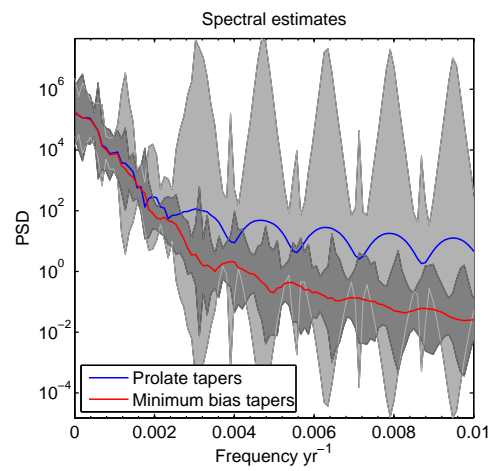
MNT – Lago Morenito, Argentina

Inclination



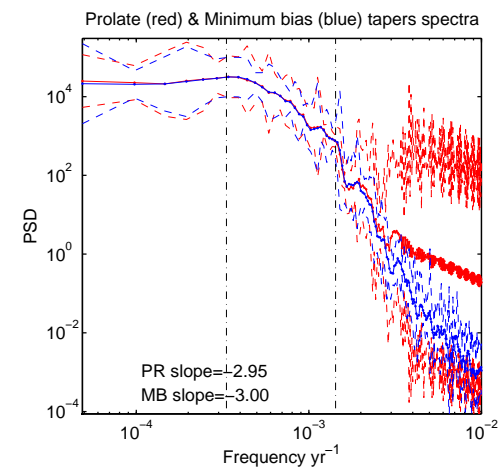
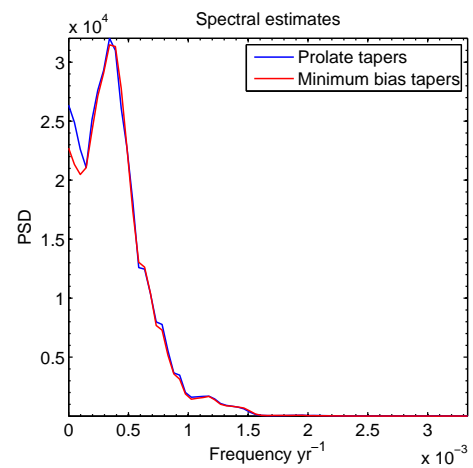
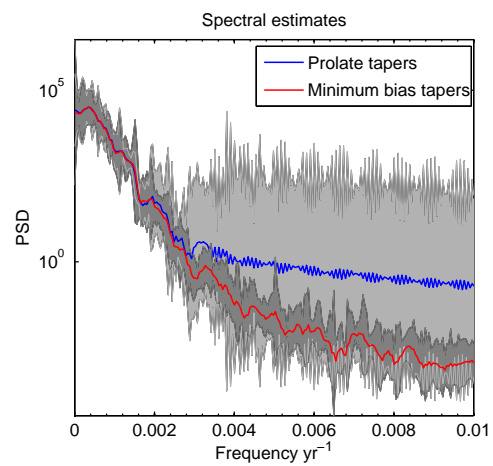
MOT – Mötterudstjärnet, Sweden

Declination



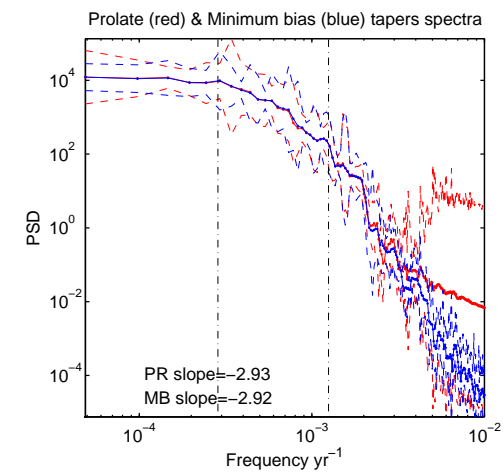
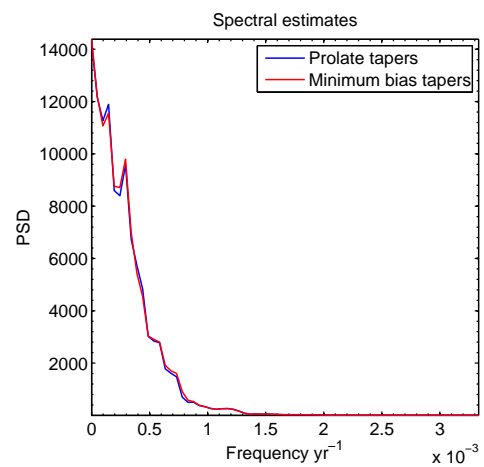
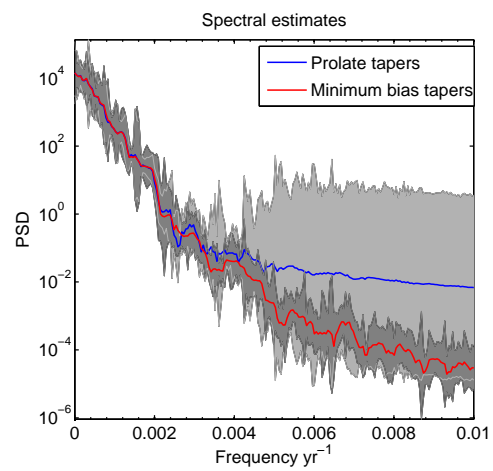
NAR – Lake Naroch, Belorussia

Declination



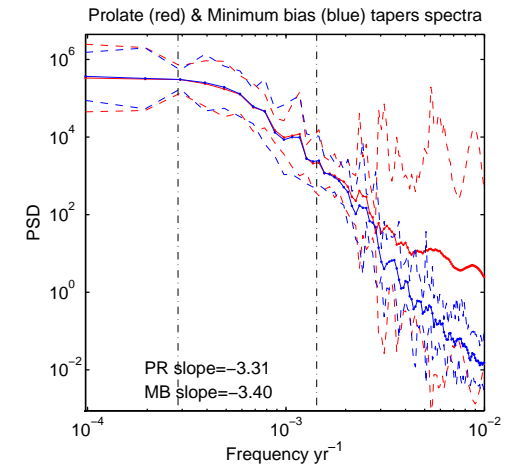
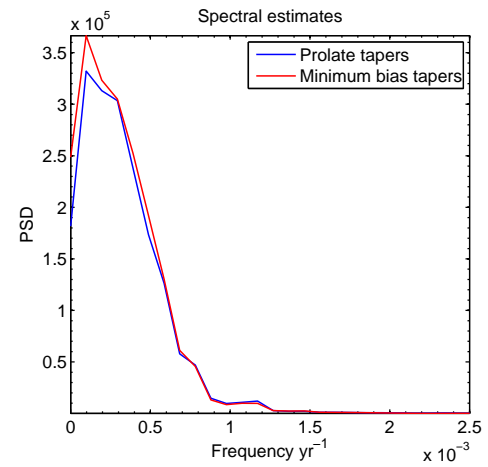
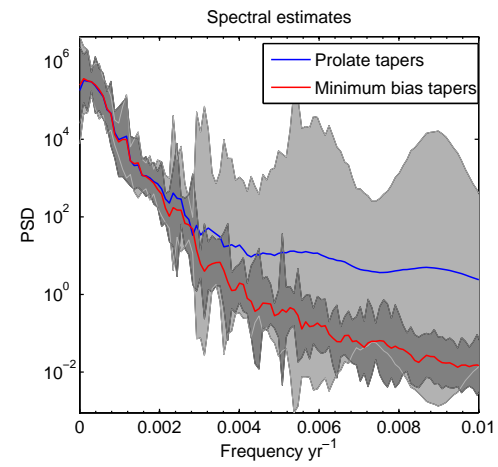
NAR – Lake Naroch, Belorussia

Inclination



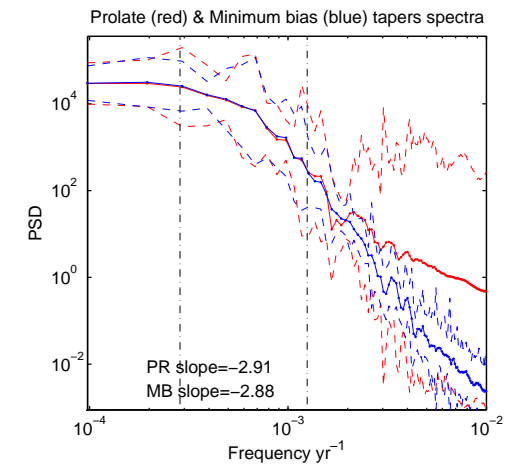
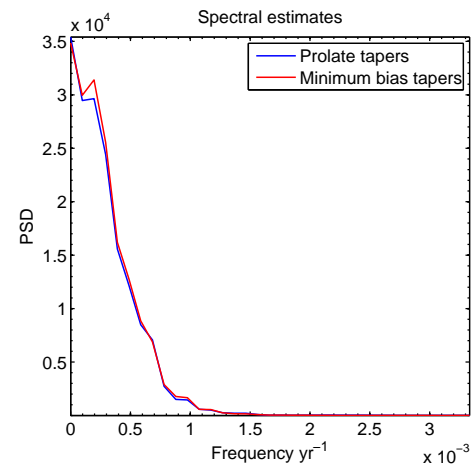
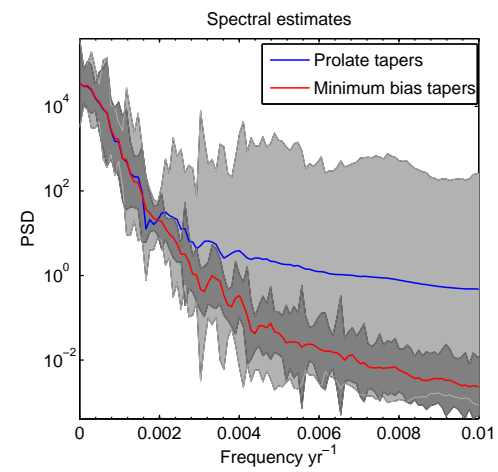
NAU – Nautajärvi, Finland

Declination



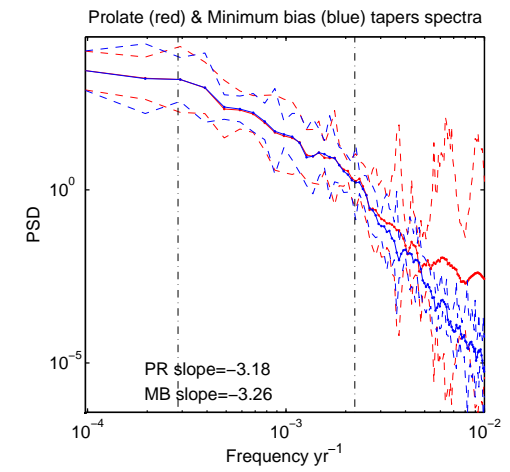
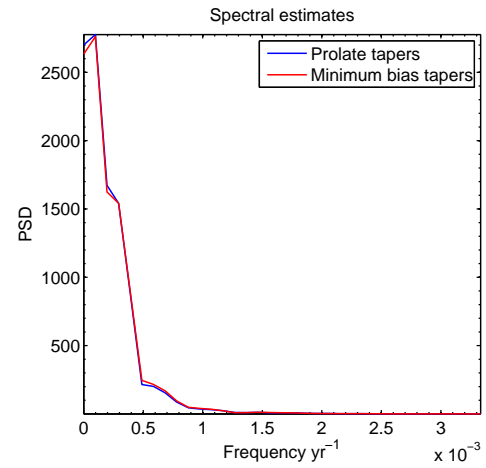
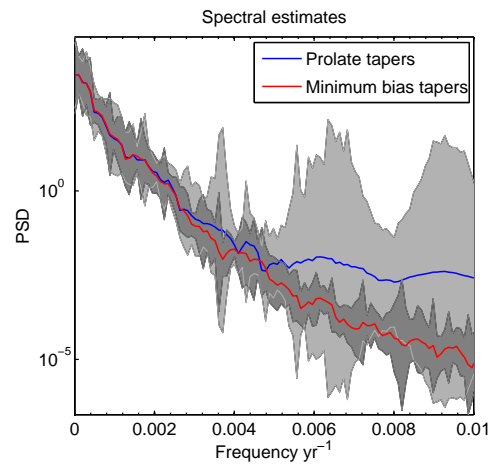
NAU – Nautajärvi, Finland

Inclination



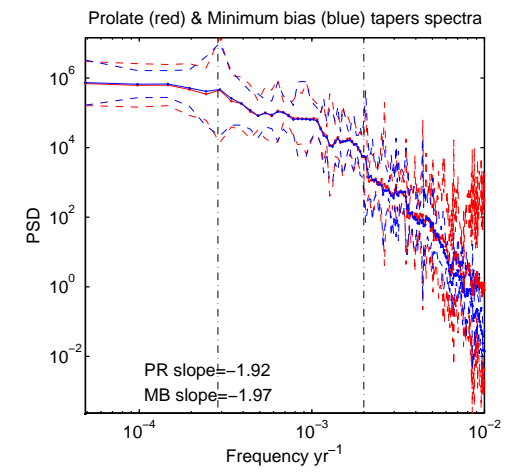
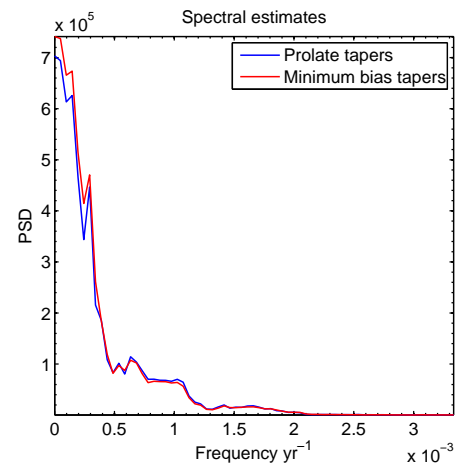
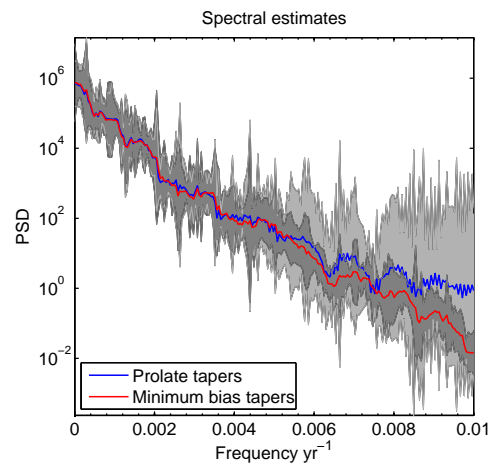
NAU – Nautajärvi, Finland

RPI



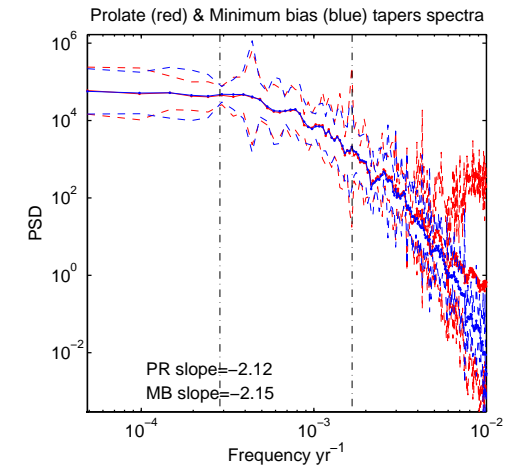
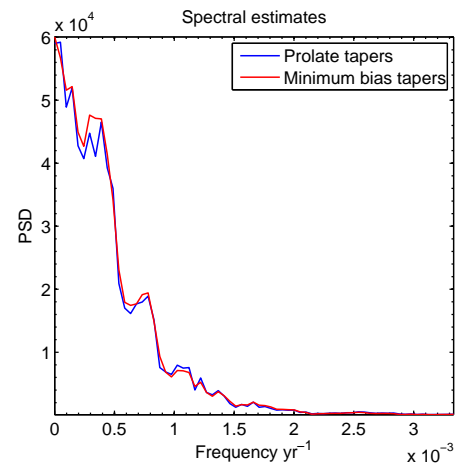
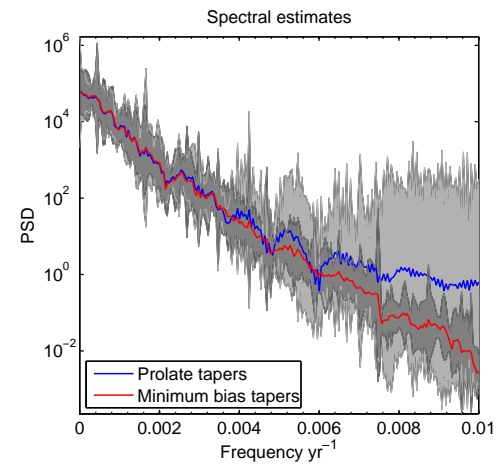
NEM – Lake Nemi, Italy

Declination



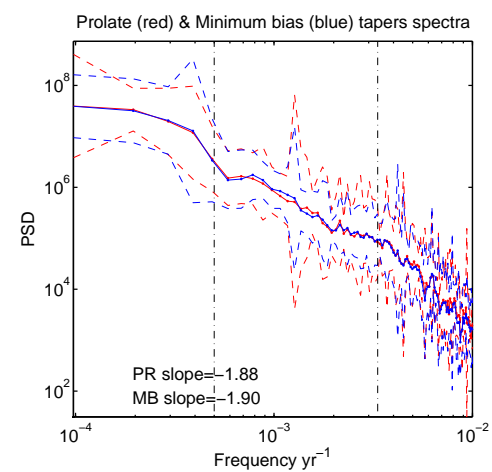
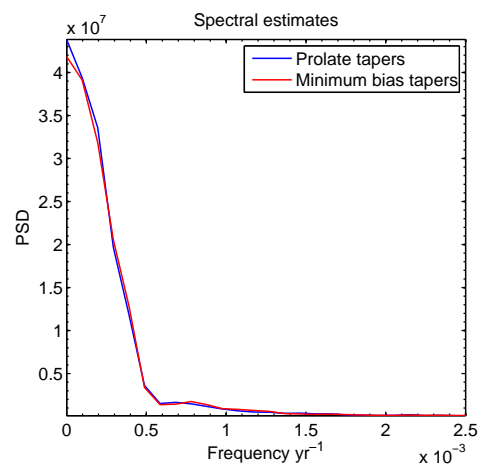
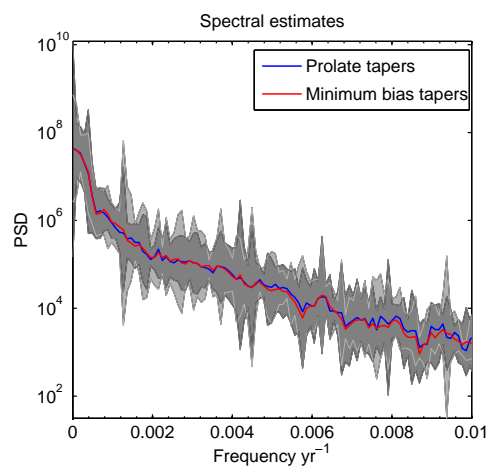
NEM – Lake Nemi, Italy

Inclination



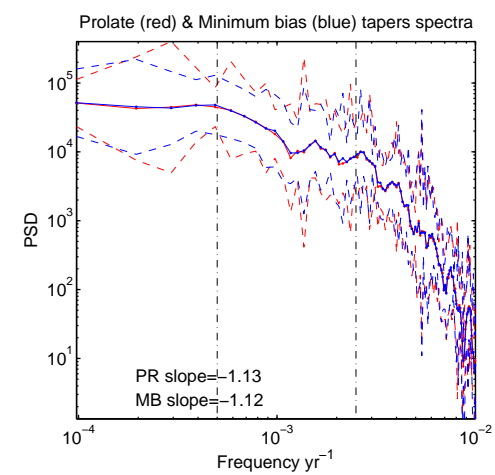
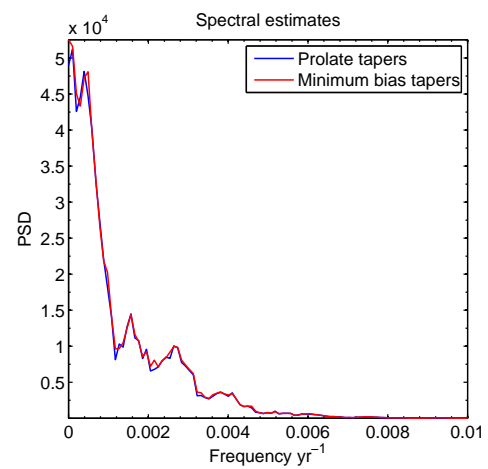
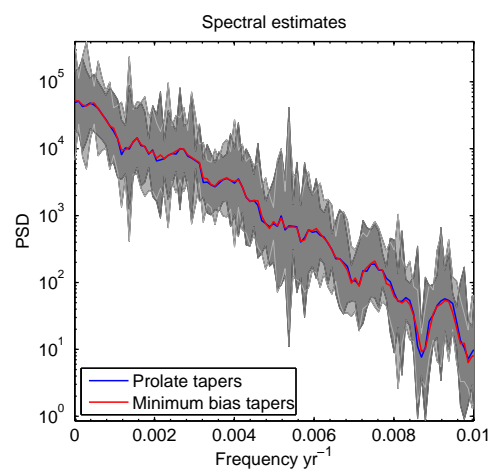
PAD – Palmer Deep, Antarctic Pen.

Declination



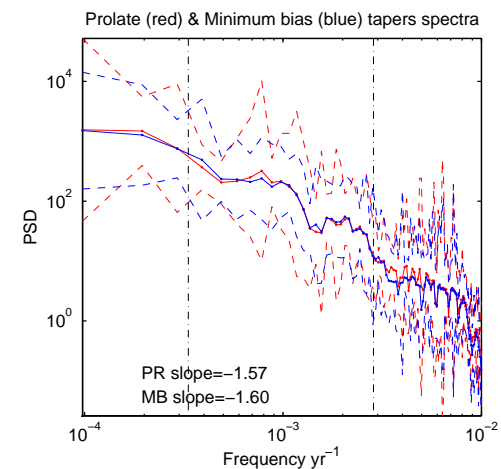
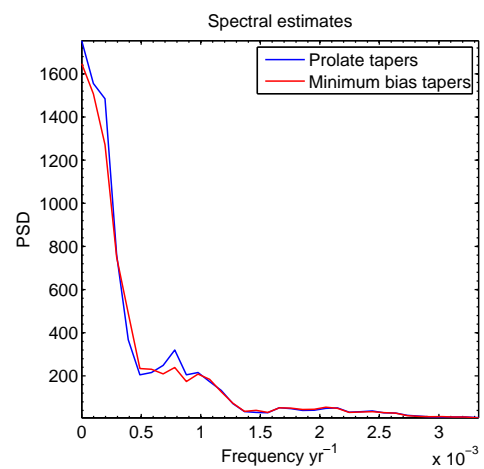
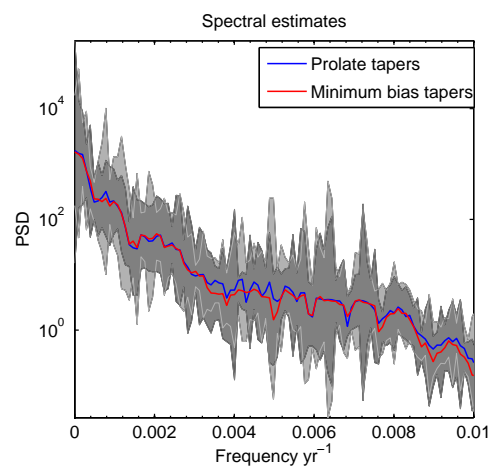
PAD – Palmer Deep, Antarctic Pen.

Inclination



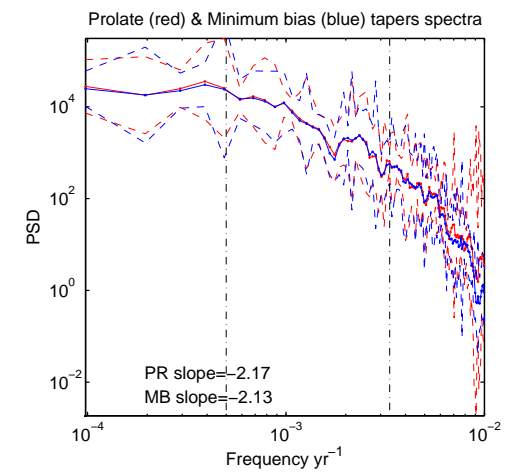
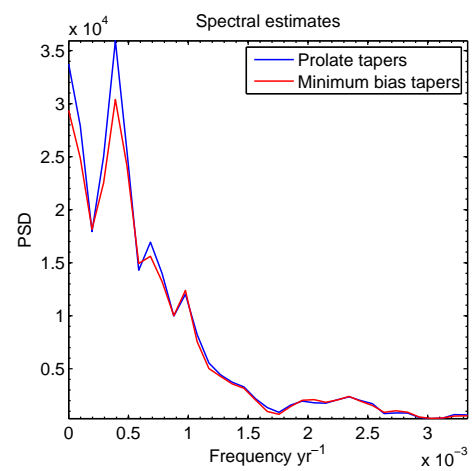
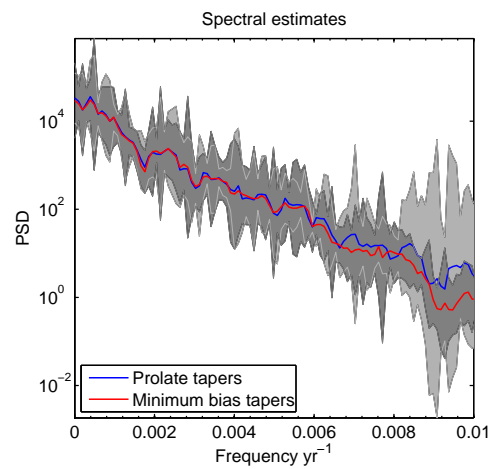
PAD – Palmer Deep, Antarctic Pen.

RPI



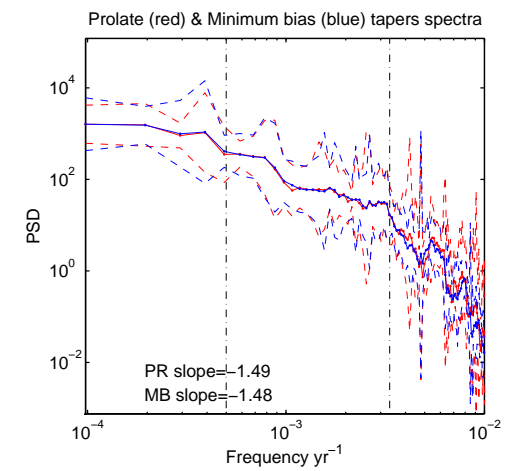
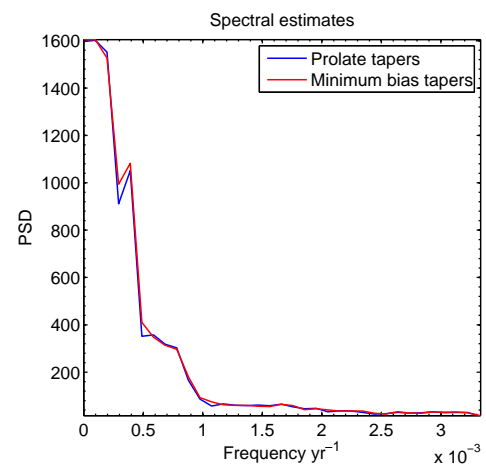
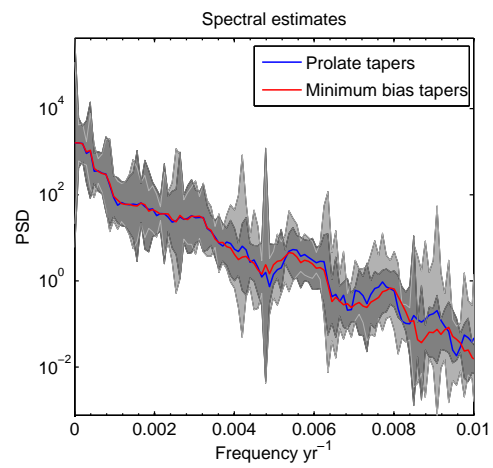
PEP – Lake Pepin, USA

Inclination



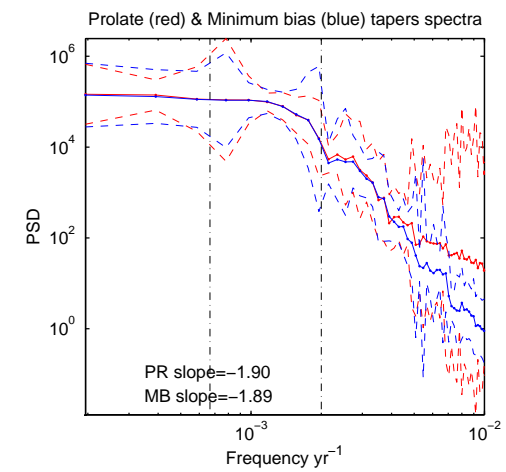
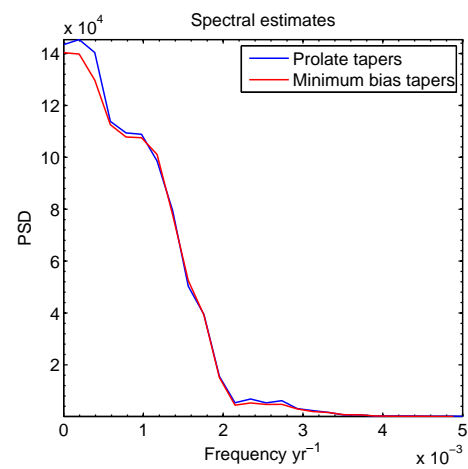
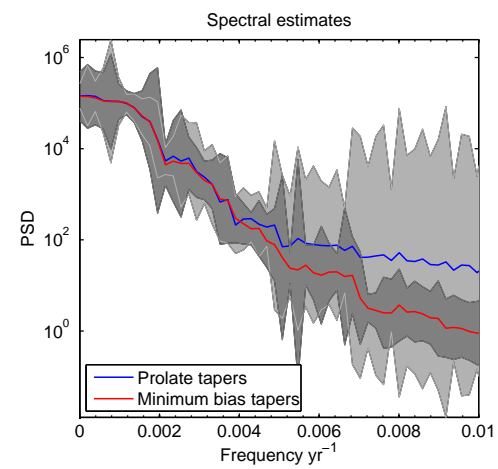
PEP – Lake Pepin, USA

RPI



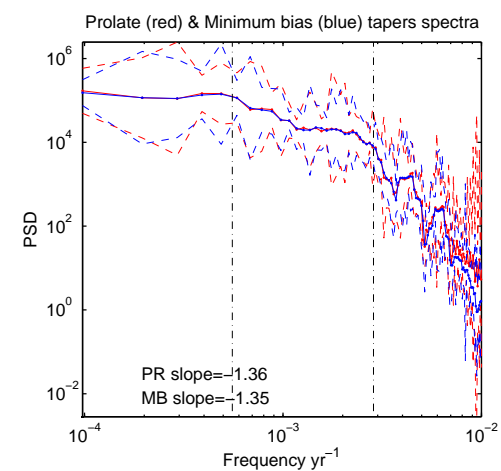
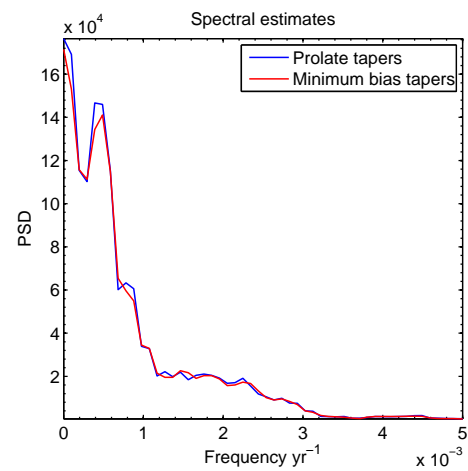
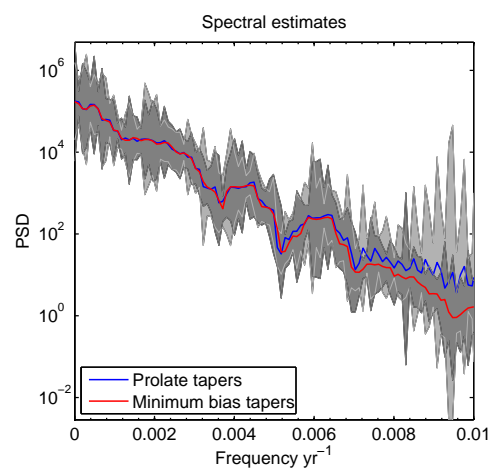
POH – Pohjajärvi, Finland

Declination



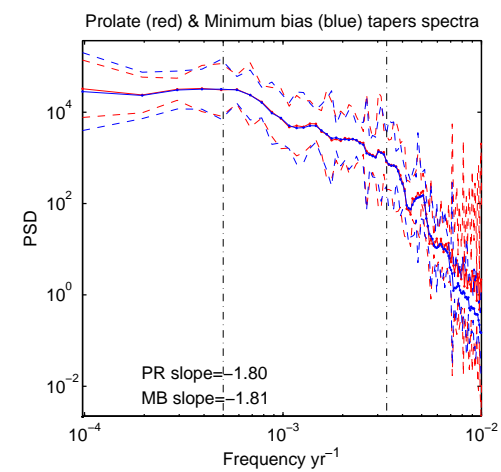
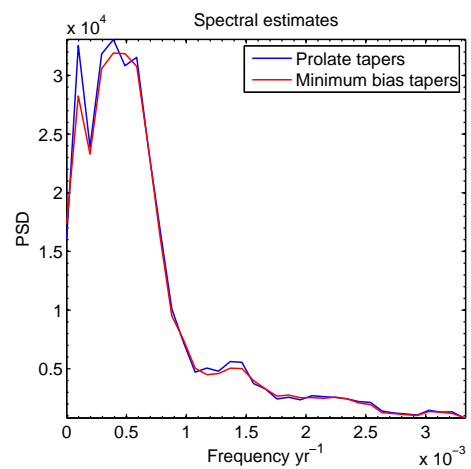
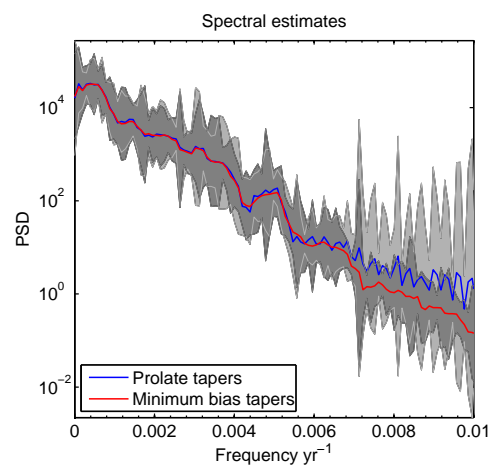
SAG – Saguenay Fjord, Canada

Declination



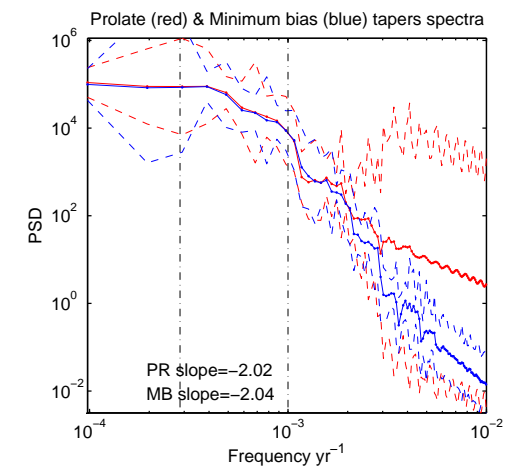
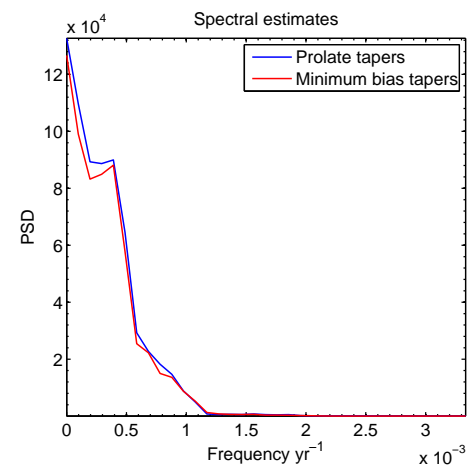
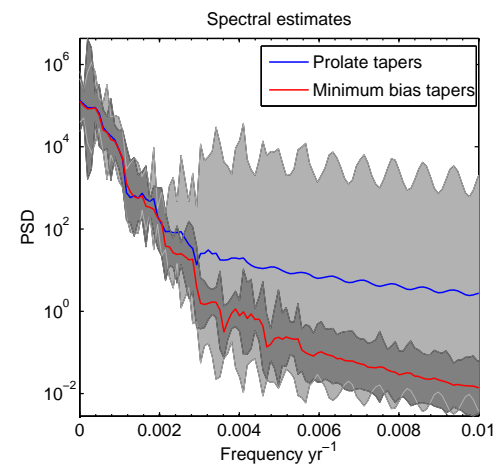
SAG – Saguenay Fjord, Canada

Inclination



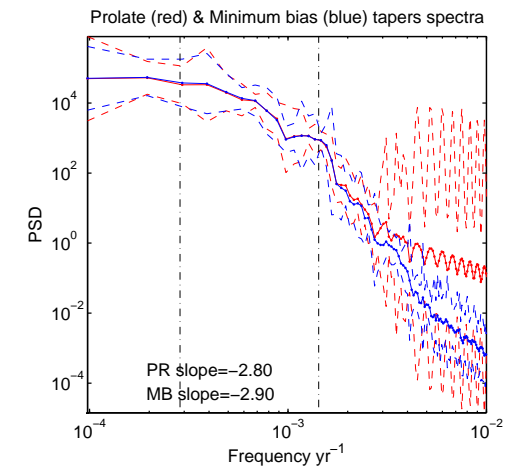
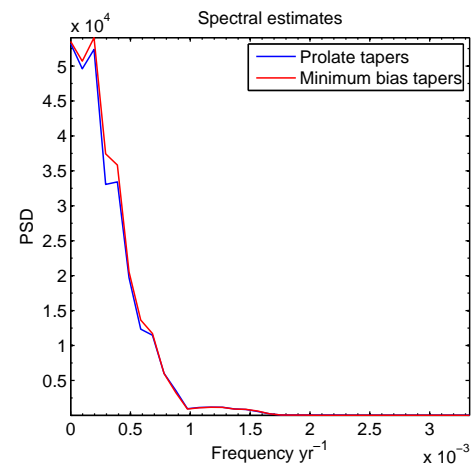
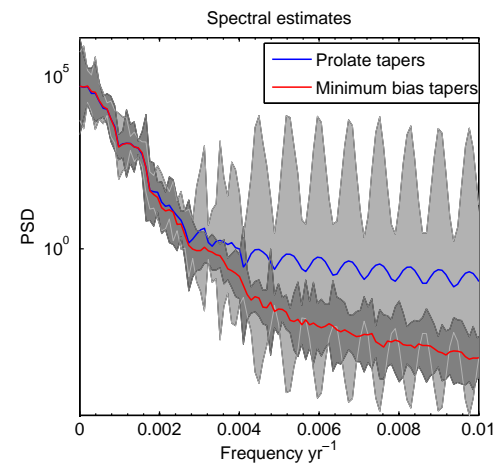
SAN – Hoya de San Nicolas, Mexico

Declination



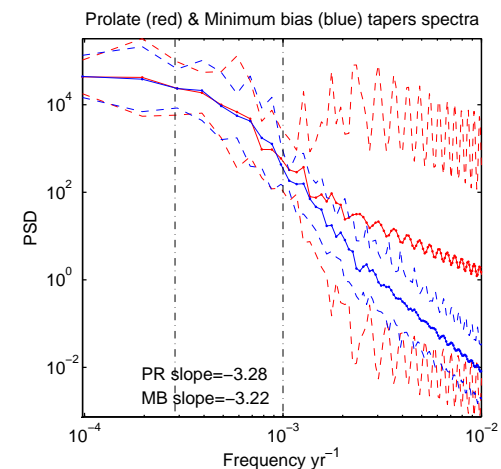
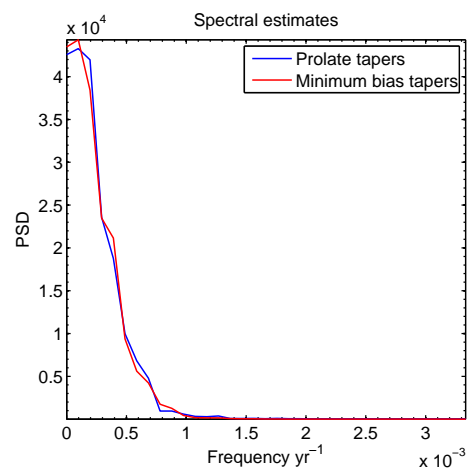
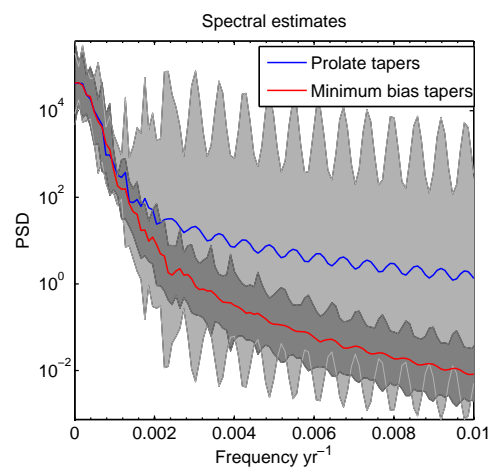
SAN – Hoya de San Nicolas, Mexico

Inclination



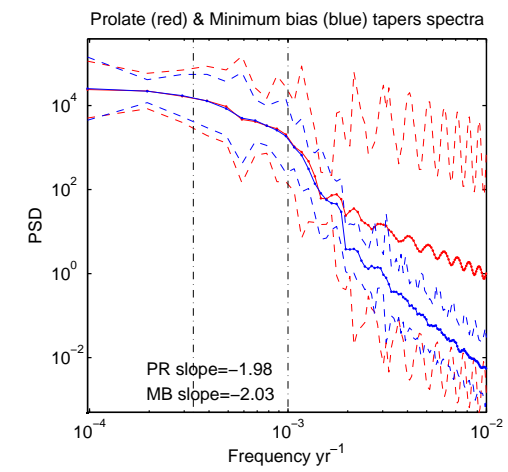
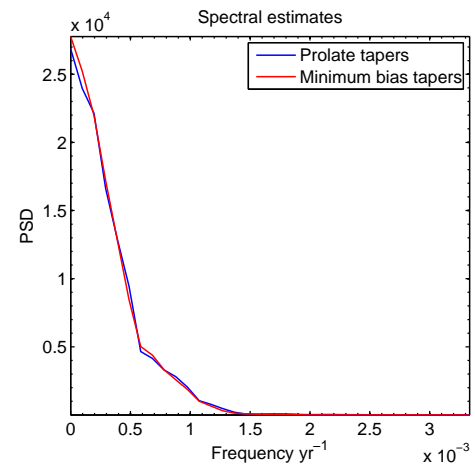
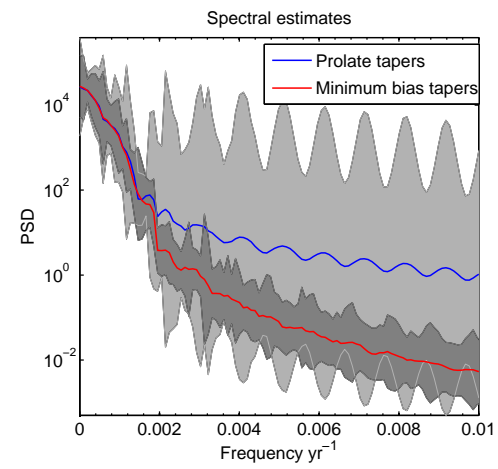
SAR – Sarsjön, Sweden

Inclination



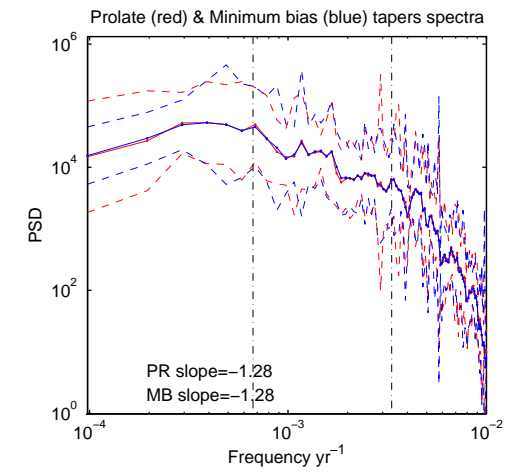
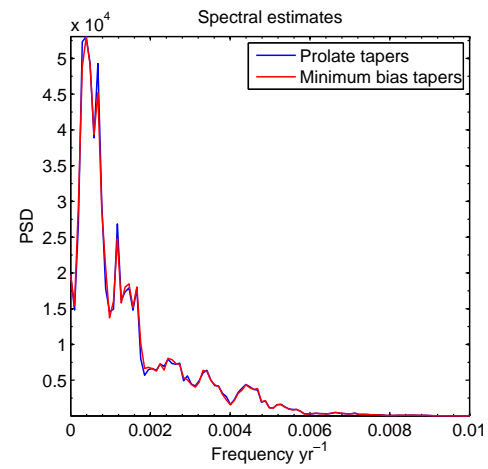
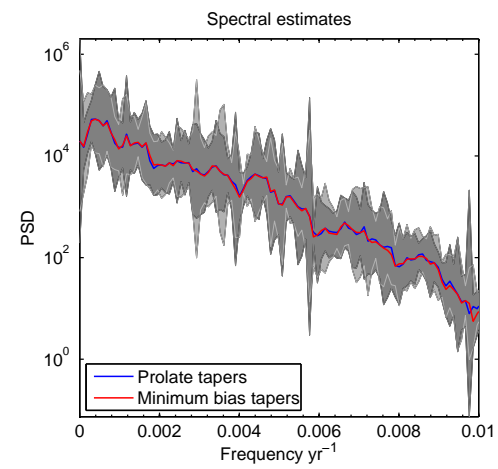
SAV – Savijärvi, Finland

Inclination



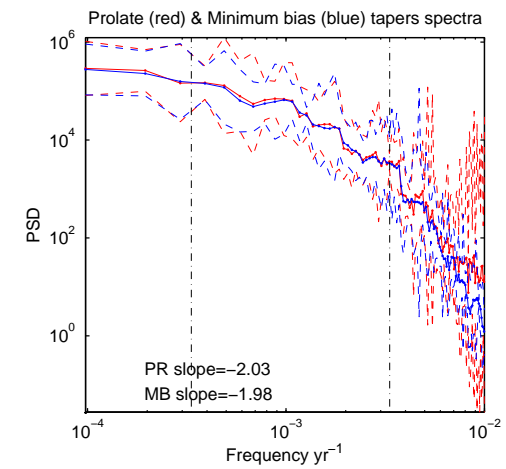
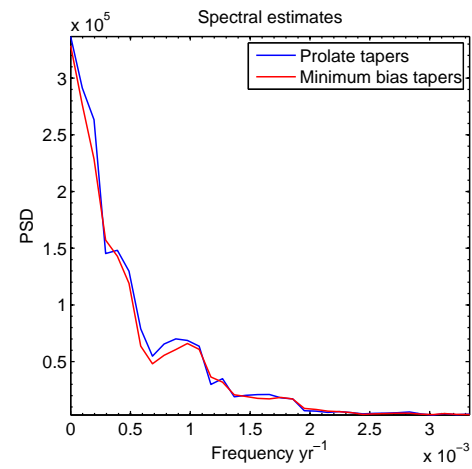
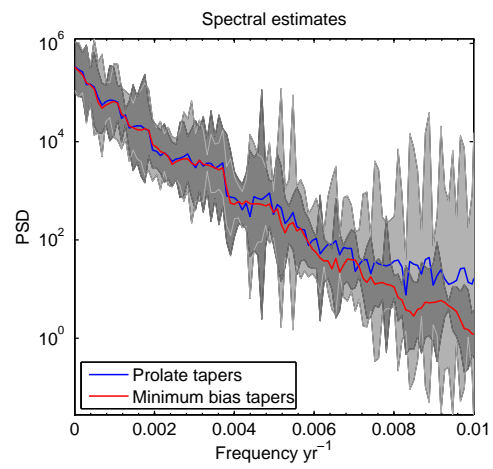
SCL – Lake Shuangchiling, China

Inclination



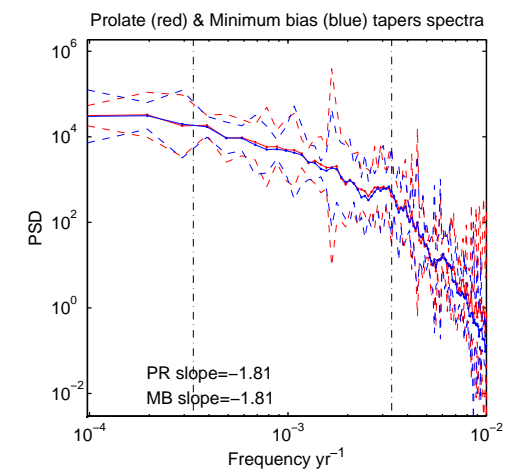
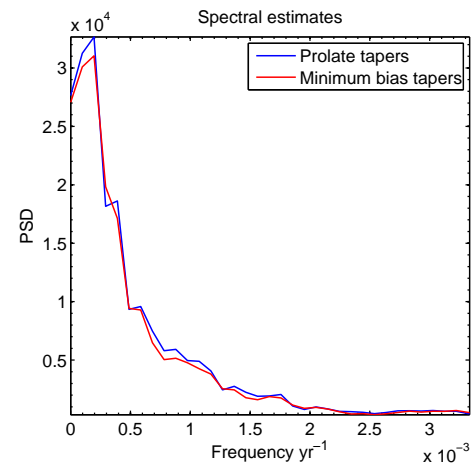
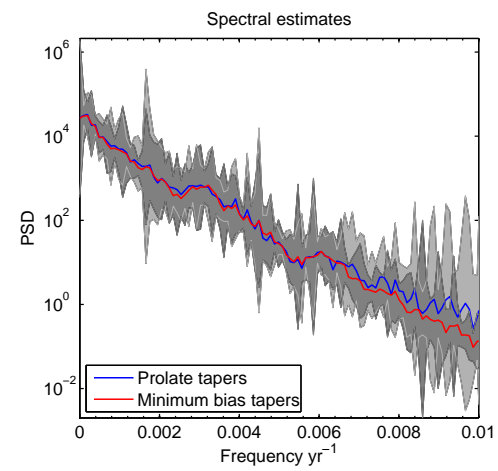
STL – St. Lawrence Est., Canada

Declination



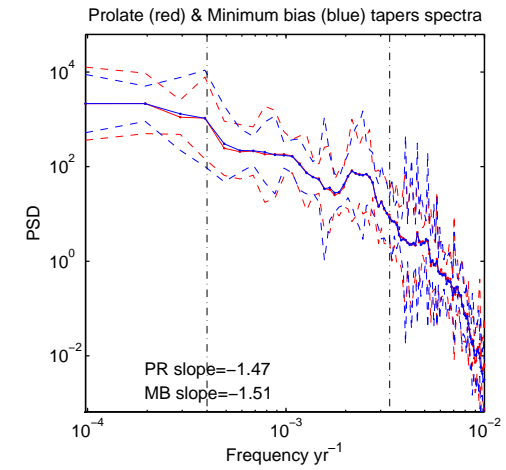
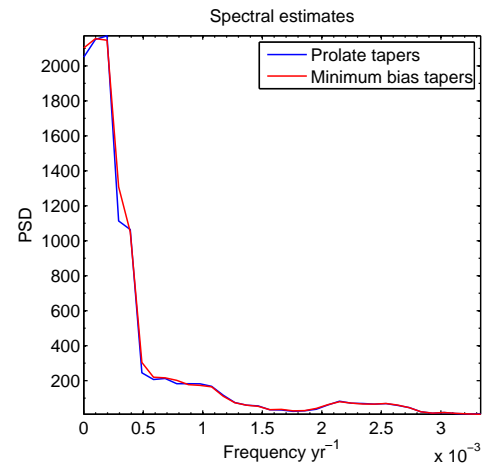
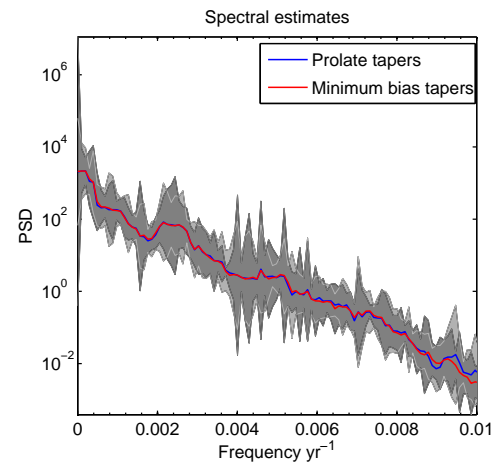
STL – St. Lawrence Est., Canada

Inclination



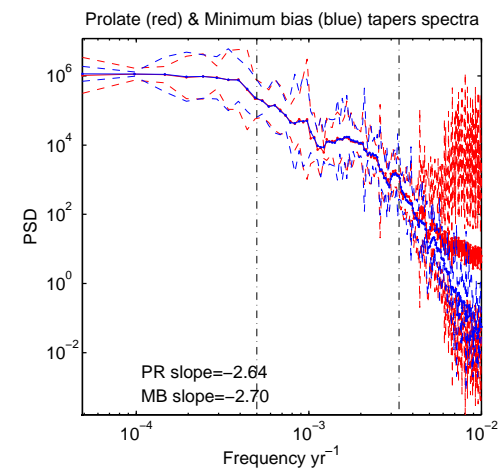
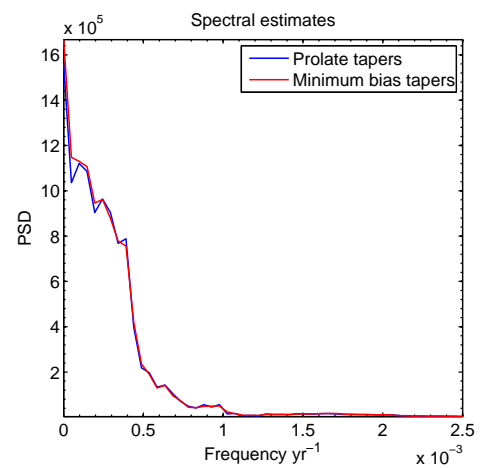
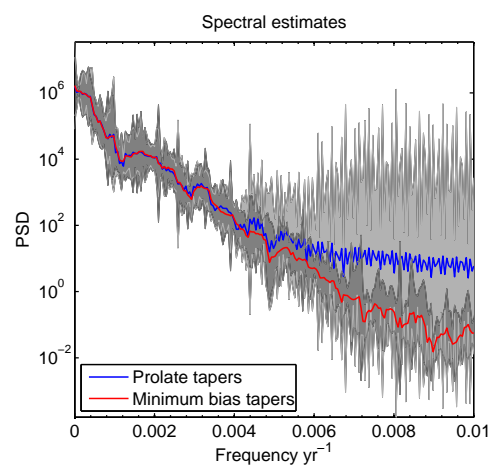
STL – St. Lawrence Est., Canada

RPI



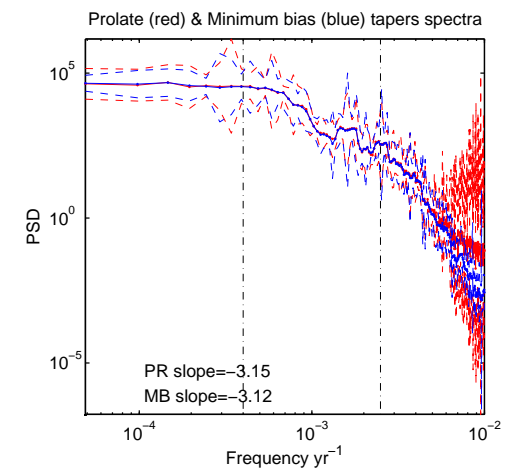
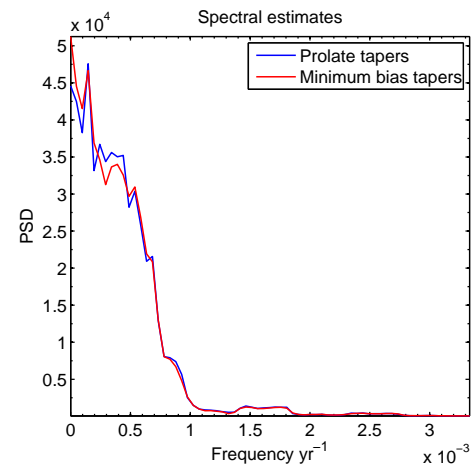
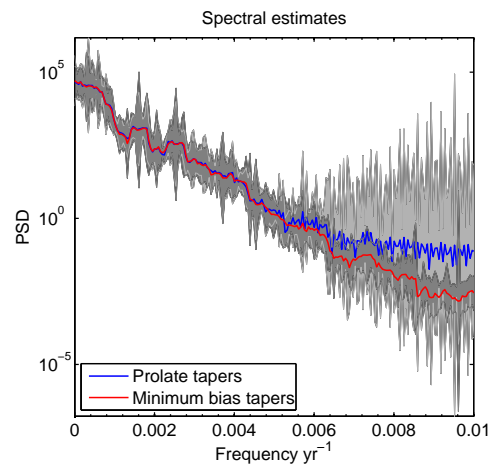
SUP – Lake Superior, USA

Declination



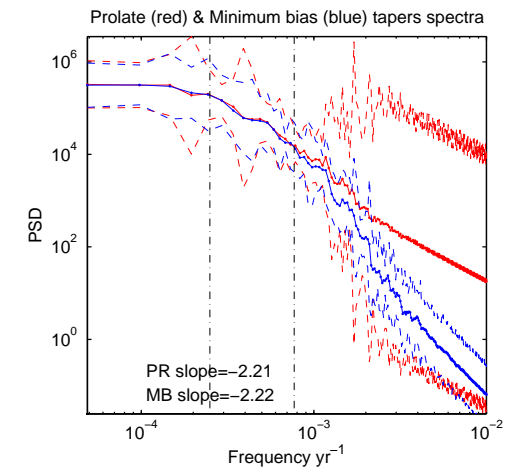
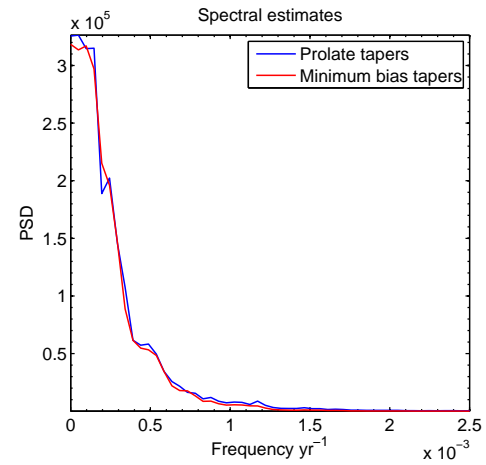
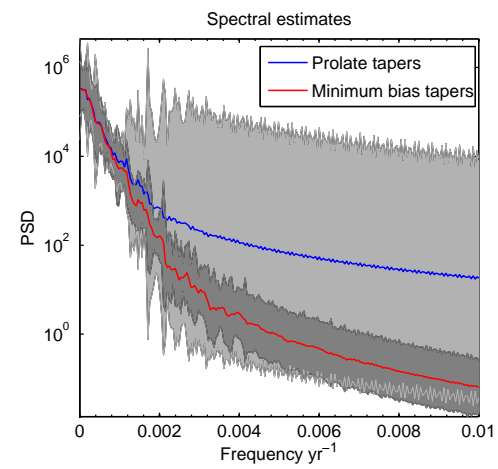
SUP – Lake Superior, USA

Inclination



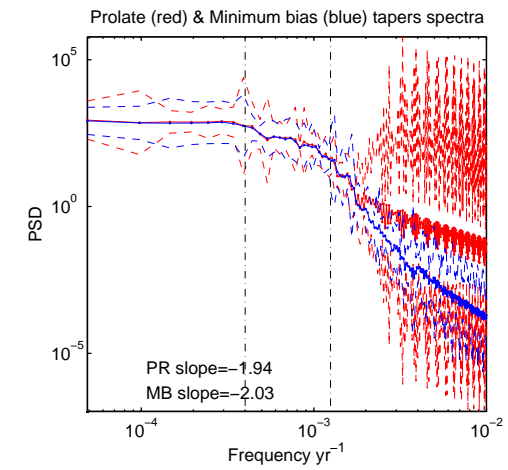
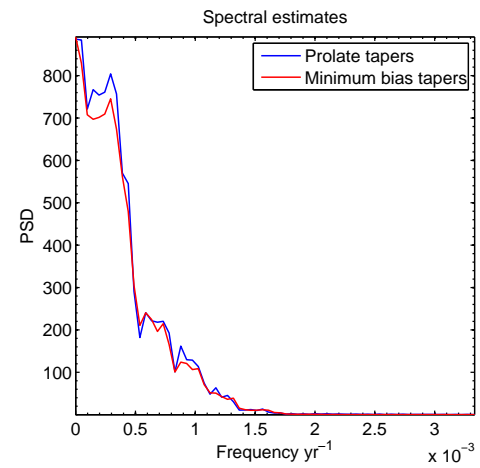
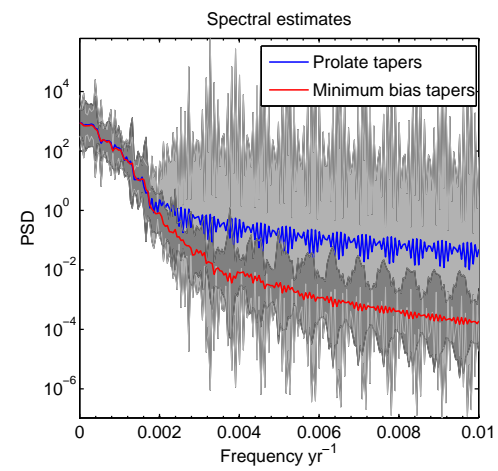
TRE – Laguna El Trébol, Argentina

Declination



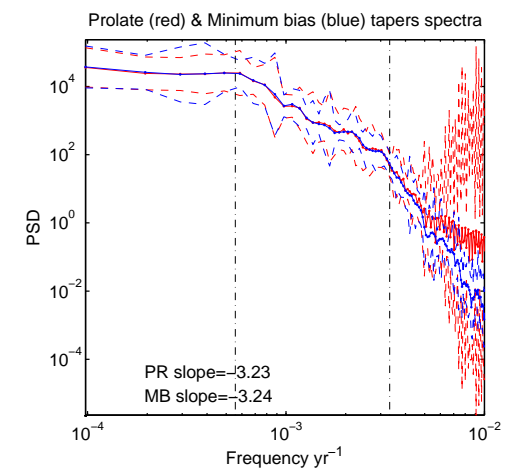
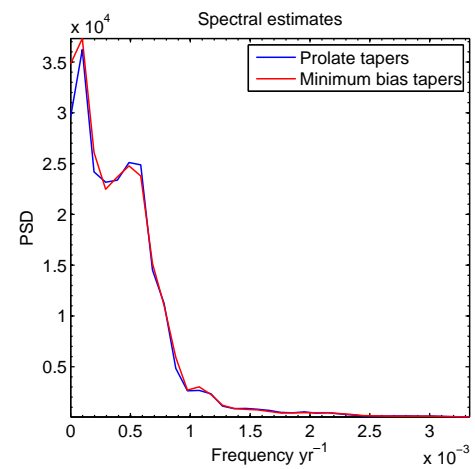
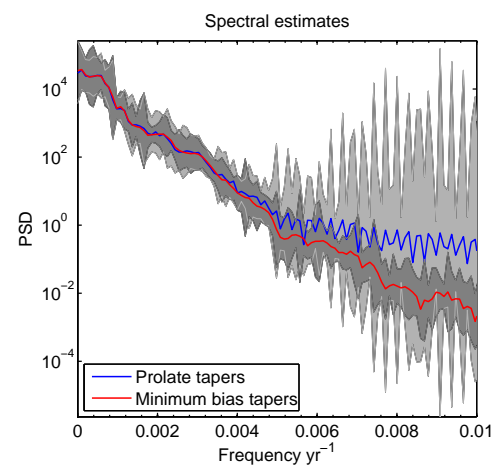
TRE – Laguna El Trébol, Argentina

RPI



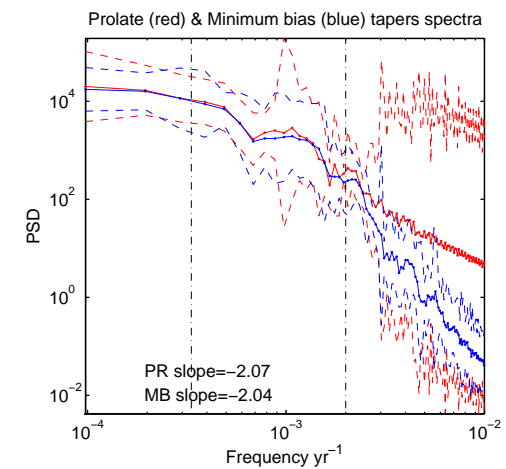
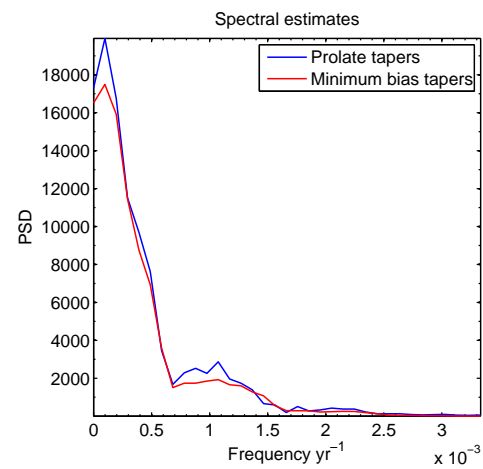
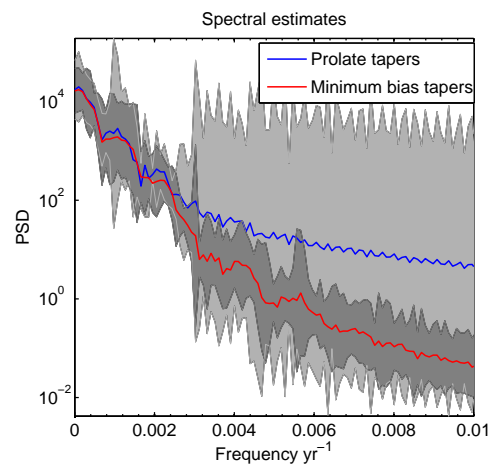
TRI – Lake Trikhonis, Greece

Declination



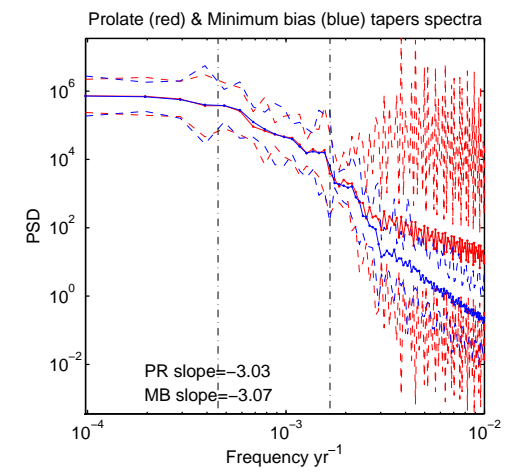
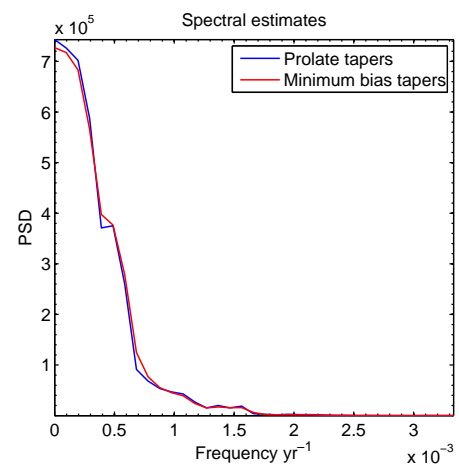
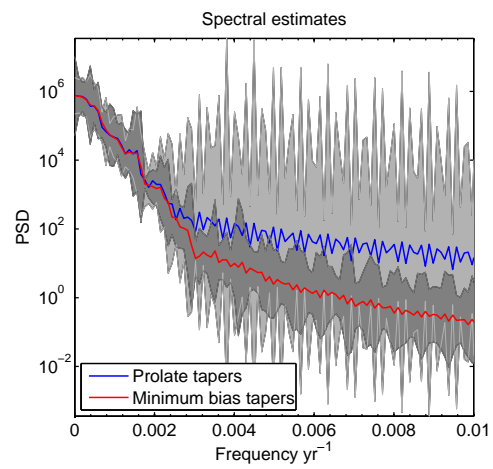
TRI – Lake Trikhonis, Greece

Inclination



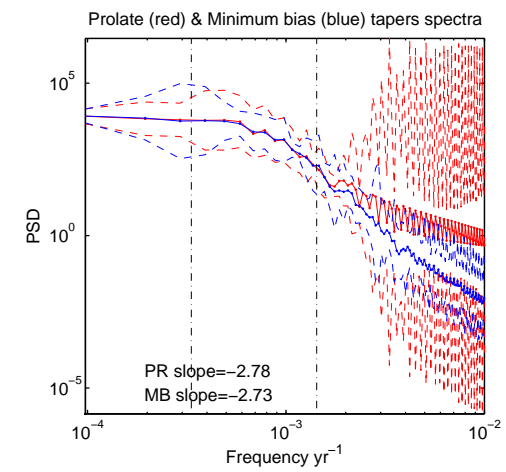
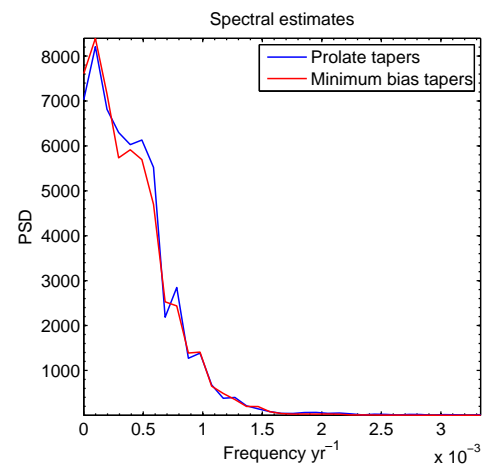
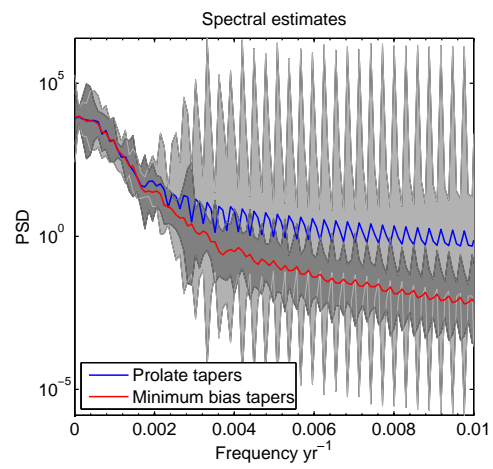
VUK – Vukonjärvi, Finland

Declination



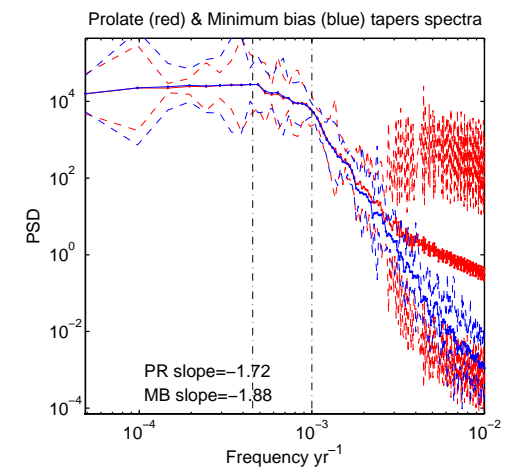
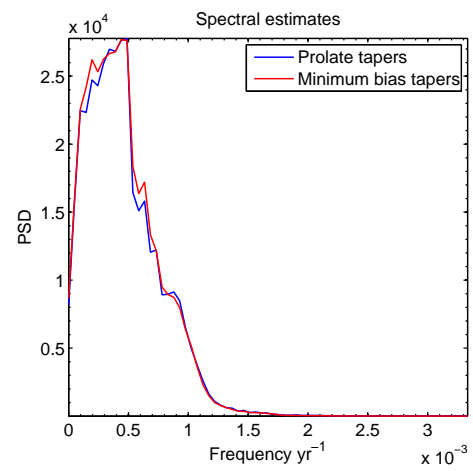
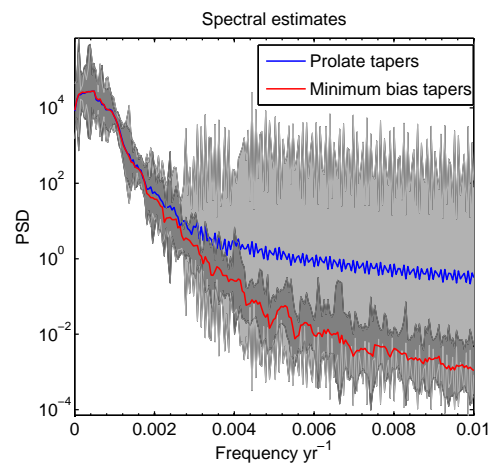
VUK – Vukonjärvi, Finland

Inclination



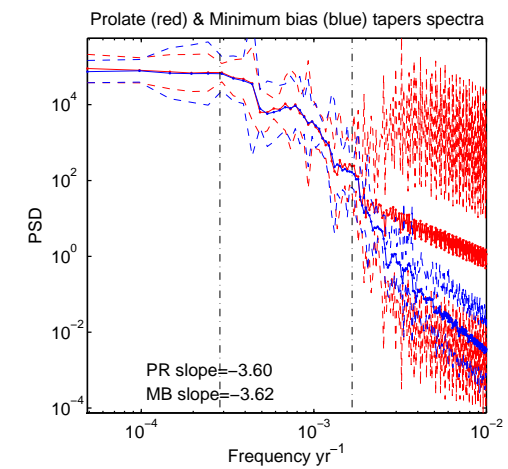
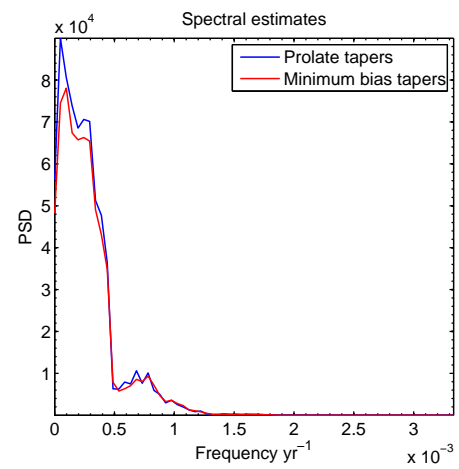
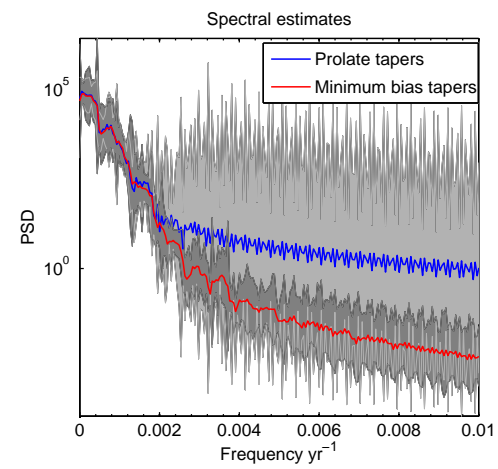
WAI – Lake Waiau, Hawaii

Declination



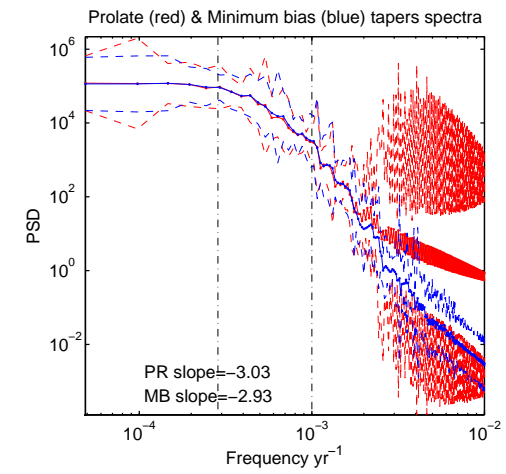
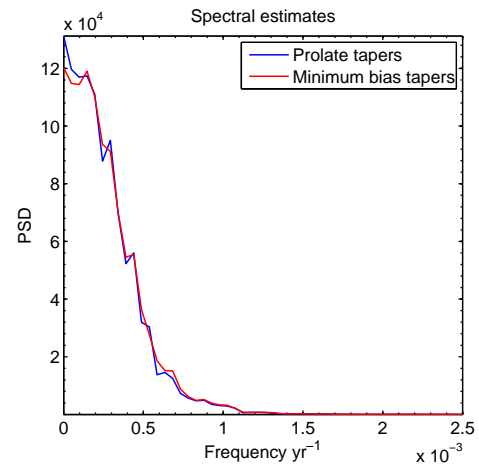
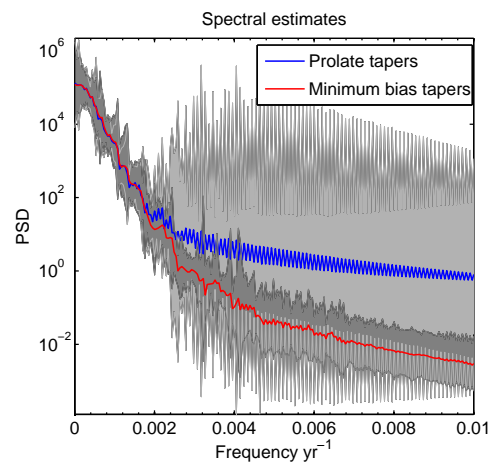
WAI – Lake Waiau, Hawaii

Inclination



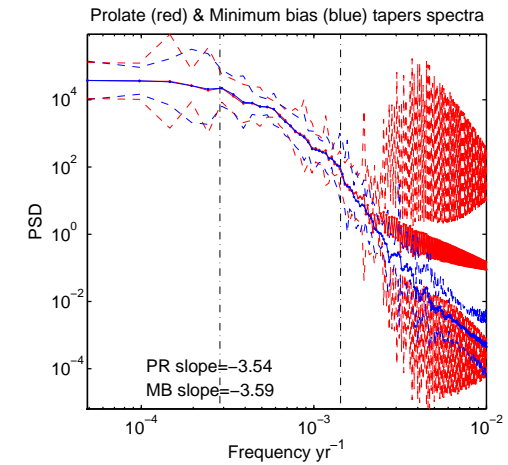
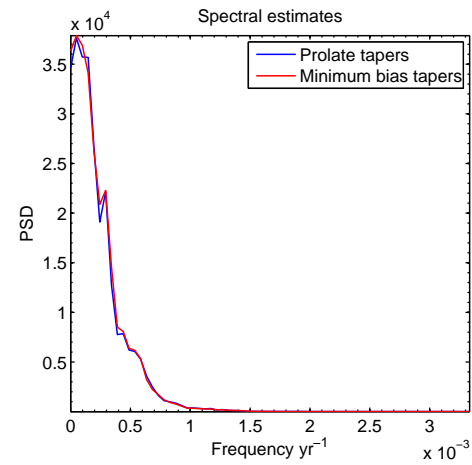
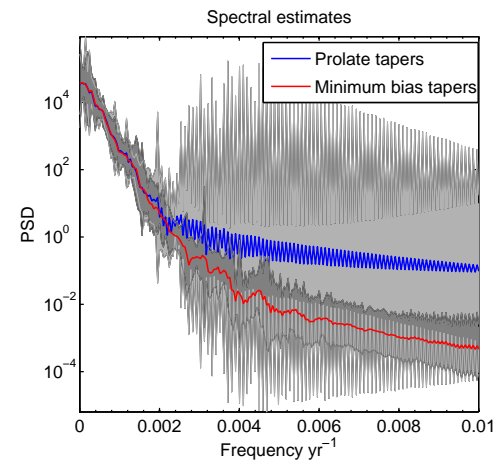
WIN – Lake Windermere, UK

Declination



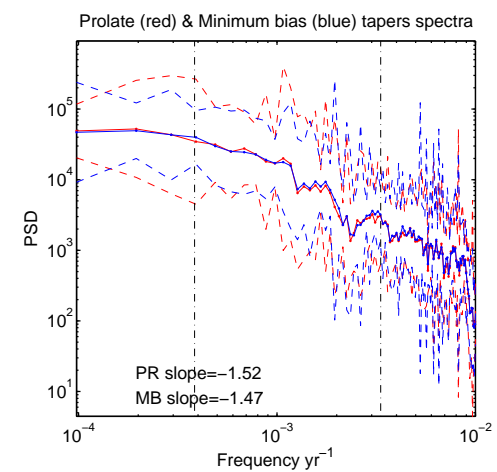
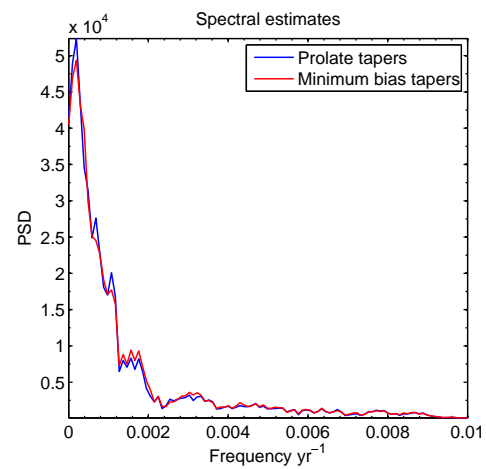
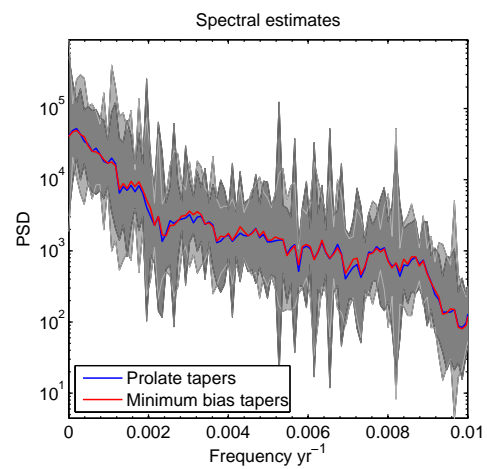
WIN – Lake Windermere, UK

Inclination



WPA – West Pacific

Inclination



WPA – West Pacific

RPI

