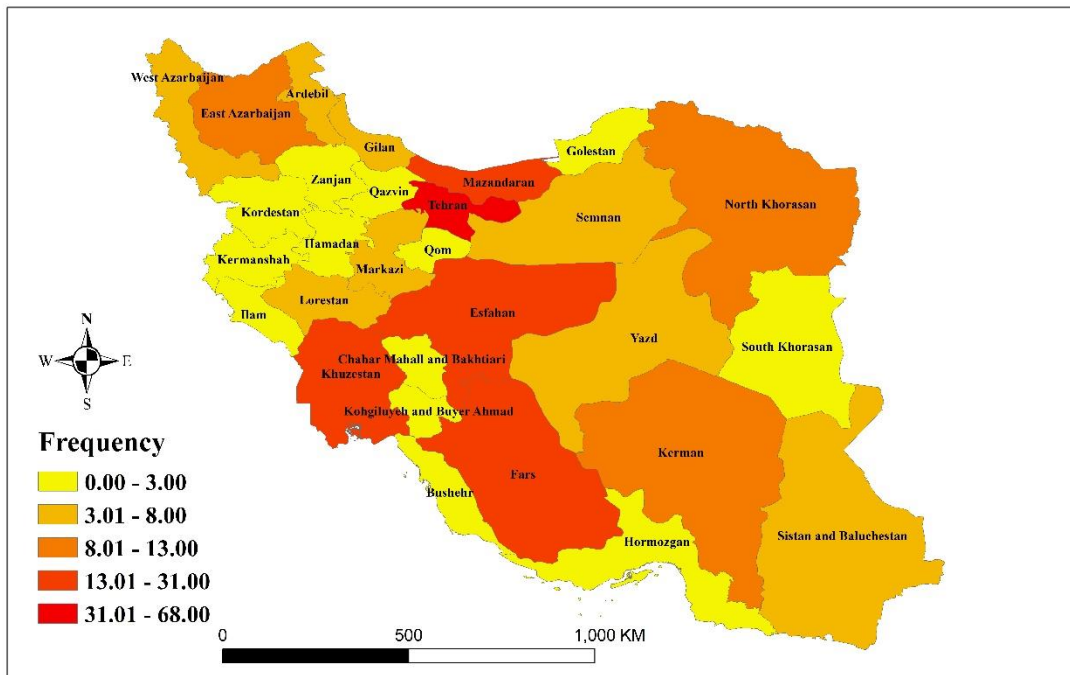


Supplementary

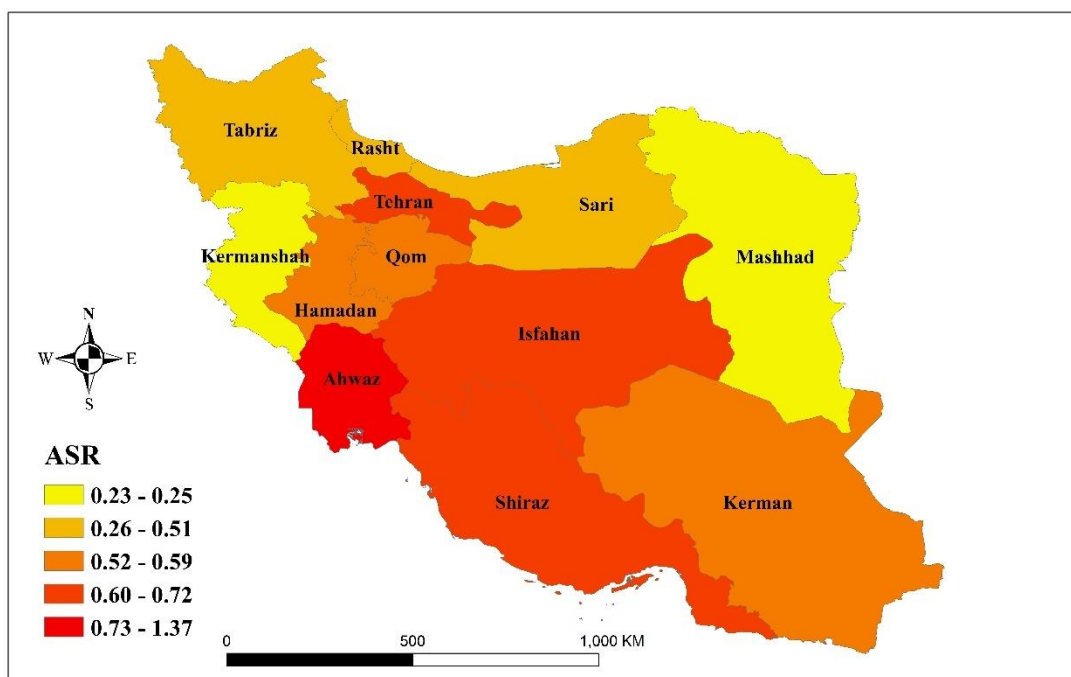
Appendix 1. The ASR (per million person-years) of breast cancer by morphology subtype

Morphology subtype	Grade 1	Grade 2	Grade 3	Grade 4	Grade 9
Phyllodes tumor malignant	0.04 (0.02-0.06)	0.00 (0.00-0.01)	0.04 (0.02-0.06)	0.01 (0.00-0.01)	0.24 (0.19-0.29)
NOS	0.00 (0.00-0.01)	0.01 (0.00-0.03)	0.03 (0.01-0.05)	0.00 (0.00-0.01)	0.10 (0.06-0.13)
Angiosarcoma	0.02 (0.01-0.03)	0.01 (0.00-0.03)	0.01 (0.00-0.02)	0.00 (0.00-0.00)	0.03 (0.01-0.04)
Fibrosarcoma	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.01)	0.00 (0.00-0.00)	0.01 (0.00-0.02)
Liposarcoma	0.00 (0.00-0.01)	0.00 (0.00-0.00)	0.00 (0.00-0.01)	0.00 (0.00-0.00)	0.01 (0.00-0.01)
Malignant fibrous histiocytoma	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.01)	0.01 (0.00-0.01)
Rhabdomyosarcoma	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.01 (0.00-0.01)
Osteosarcoma	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.01)
Leiomyosarcoma	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.00 (0.00-0.01)
Total	0.07 (0.04-0.09)	0.03 (0.01-0.05)	0.09 (0.06-0.12)	0.01 (0.00-0.02)	0.40 (0.34-0.46)

Abbreviations: ASR, age standardized incidence rate; NOS, not otherwise specified



Appendix 2. The frequency of breast cancer in different province of Iran



Appendix 3. The ASR (per million person-years) of breast cancer in different area of Iran

Appendix 4. The overall ASR (per million person-years) of breast cancer across different areas

Area	ASR (95% CI)
Tabriz	0.51 (0.31-0.71)
Rasht	0.42 (0.11-0.73)
Tehran	0.70 (0.53-0.88)
Sari	0.47 (0.28-0.67)
Mashhad	0.25 (0.10-0.39)
Kerman	0.55 (0.25-0.85)
Shiraz	0.65 (0.39-0.91)
Isfahan	0.72 (0.44-1.00)
Qom	0.58 (0.14-1.03)
Hamedan	0.59 (0.25-0.93)
Kermanshah	0.23 (0.00-0.47)
Ahwaz	1.37 (0.87-1.87)

Abbreviation: ASR, age standardized incidence rate