Symbols	Description
\overline{GP}	Total grain production Index
AT	Regional Average Temperature Index
WPA	Per capita water resource Index
RH	Rain height Index
GY	Grain Yield Index
GS	Grain stock Index
GE	Grain Export Index
GI	Grain Import Index
GU	Food utilization Index
FC	Forest Cover Index
CE	CO2 emission per capita Index

Table 1: Notations