

# Analiza hidroloških pokazatelja rijeka

*„Na temelju priloženih mjerenih vodostaja na nekoliko pozicija duže rijeke Albany (Kanada) napraviti korelacijsku analizu faznog pomaka i SVD/PCA analizu danih podataka”*

Borna Sila

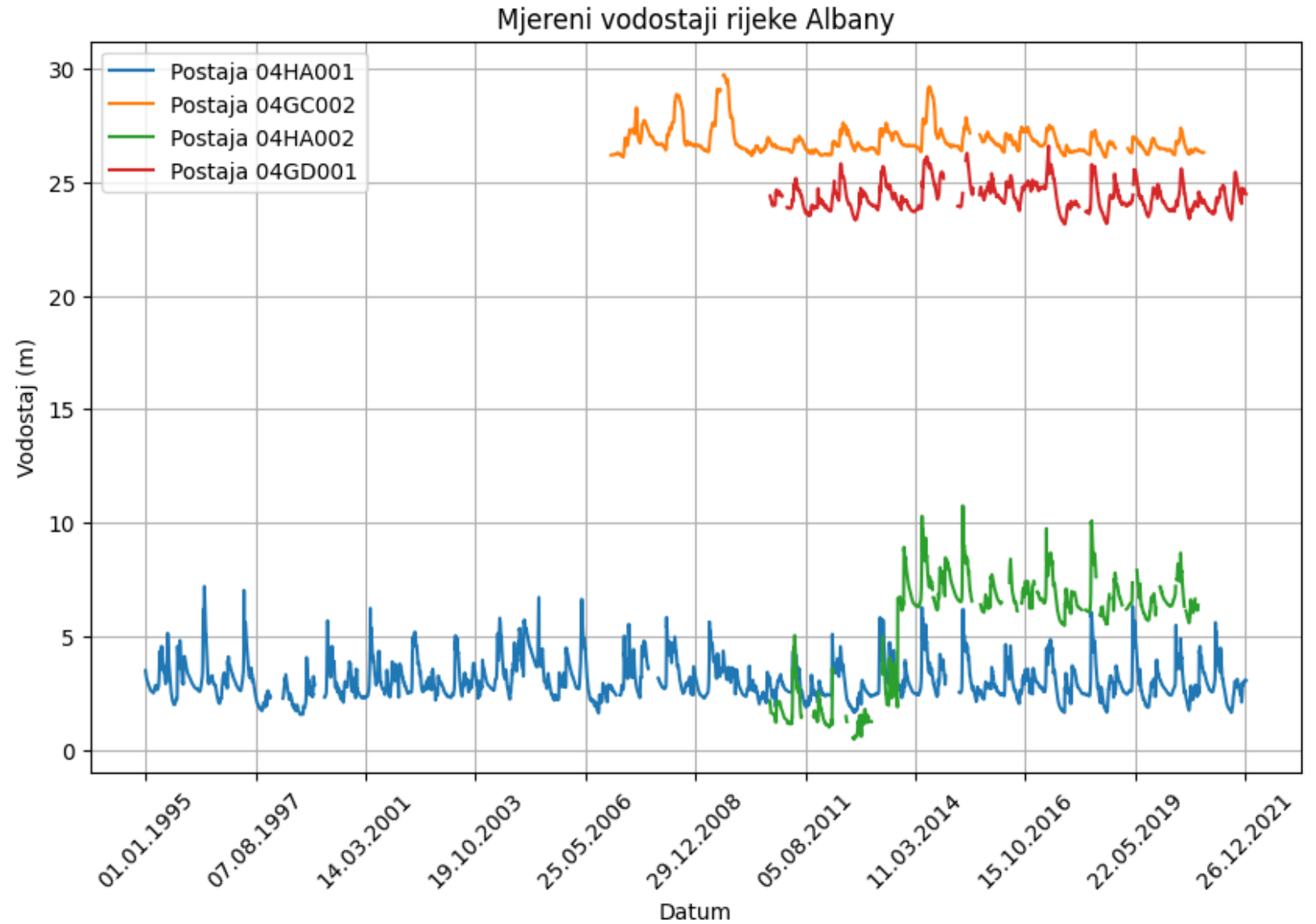
# Pregled mjernih postaja

Check All	Station Name	Years	Province	Station Number	Data Availability	Latitude	Longitude	Gross Drainage Area (km <sup>2</sup> )
<input type="checkbox"/>								
<input type="checkbox"/>	ALBANY RIVER ABOVE FISHING CREEK ISLAND	2010-2021	ON	04HA002	<a href="#">Flow and Level</a>	51°51'13" N	82°58'31" W	
<input type="checkbox"/>	ALBANY RIVER ABOVE NOTTIK ISLAND	1966-2021	ON	04GD001	<a href="#">Flow and Level</a>	51°38'29" N	86°23'27" W	32,400
<input type="checkbox"/>	ALBANY RIVER BELOW ACHAPI LAKE	1970-2021	ON	04GC002	<a href="#">Flow and Level</a>	51°21'59" N	89°25'20" W	16,300
<input type="checkbox"/>	ALBANY RIVER NEAR HAT ISLAND	1964-2021	ON	04HA001	<a href="#">Flow and Level</a>	51°19'50" N	83°50'00" W	118,000

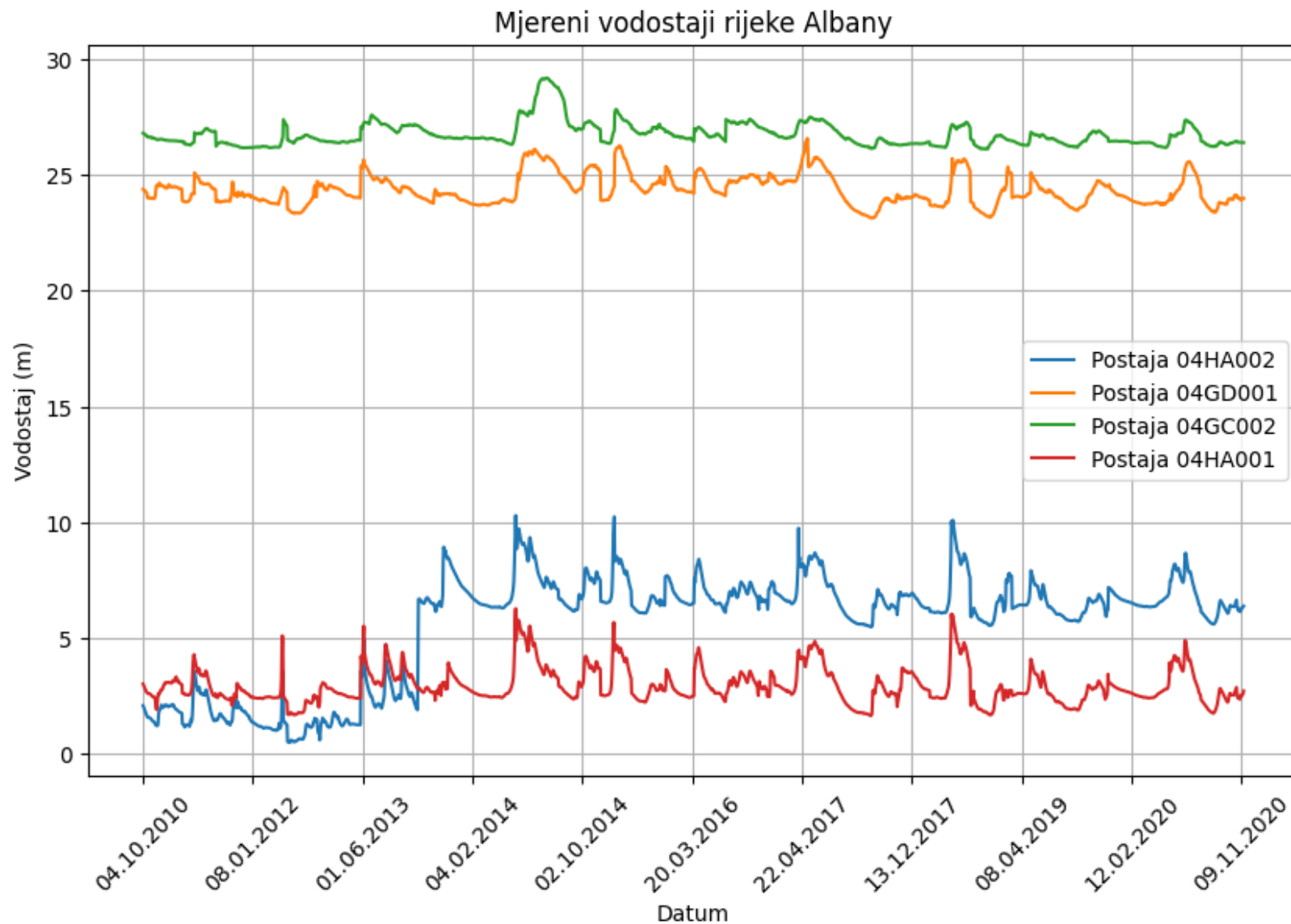
# Pregled mjernih postaja



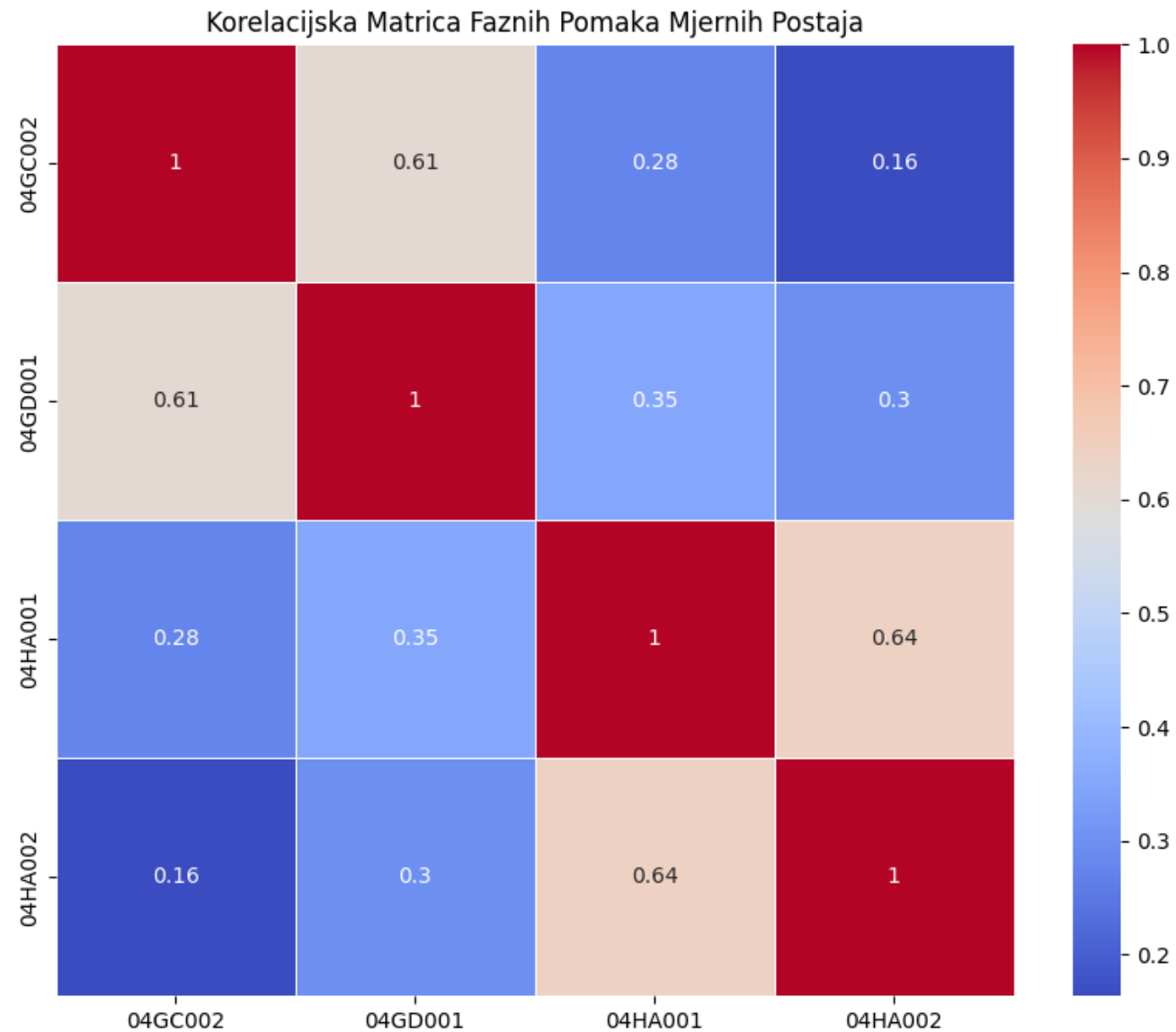
# Podaci *razine vodostaja* *(param 2)*



# Filtrirani podaci razine vodostaja (param 2)

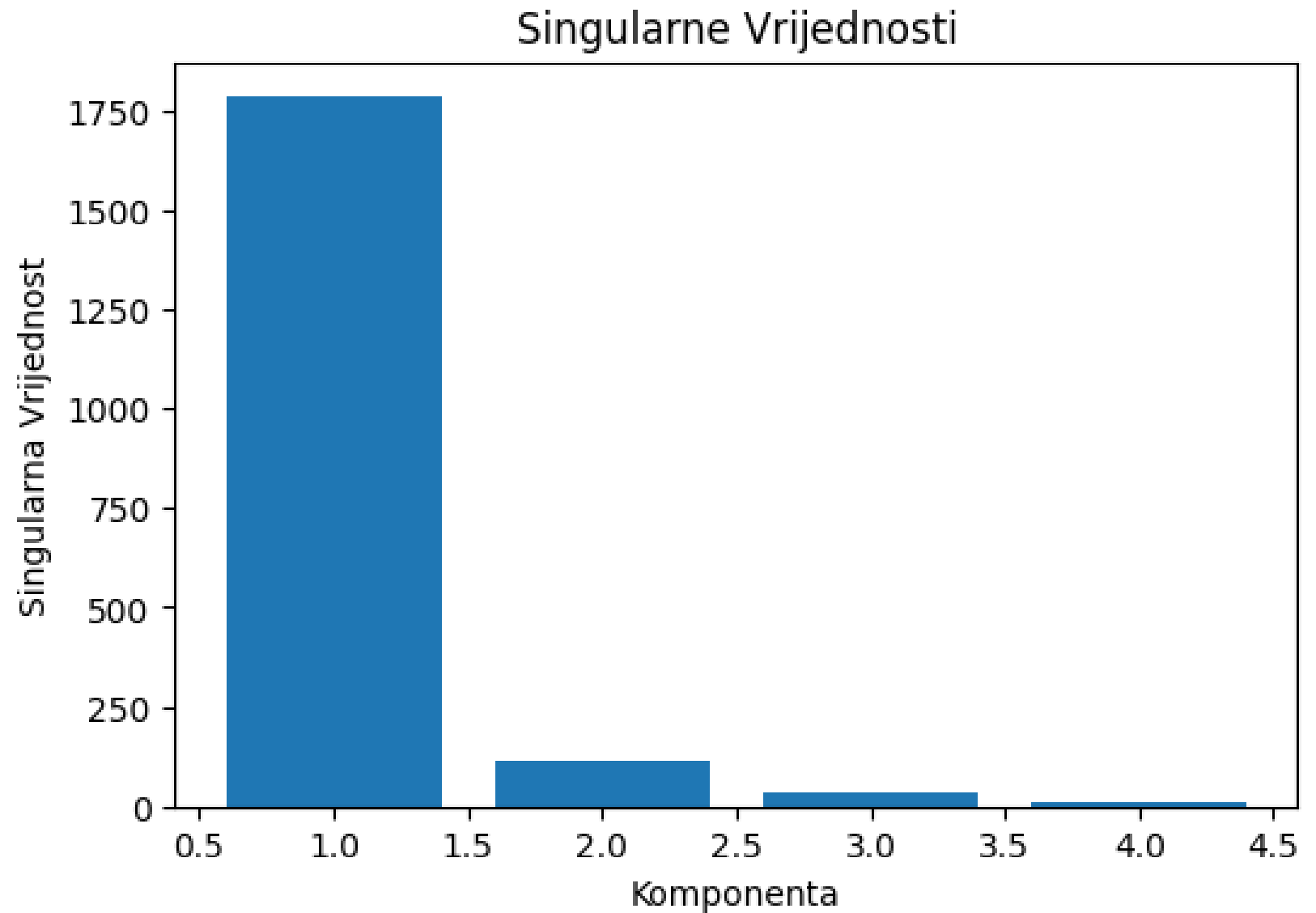


# Korelacijska matrica

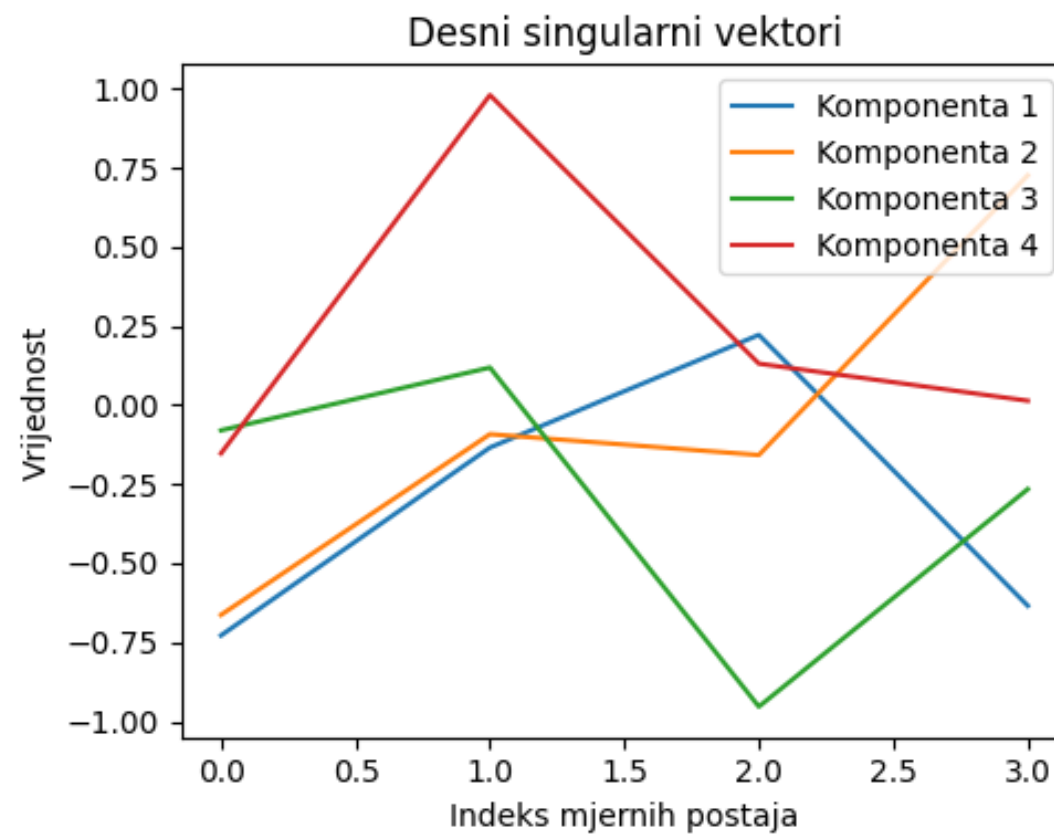
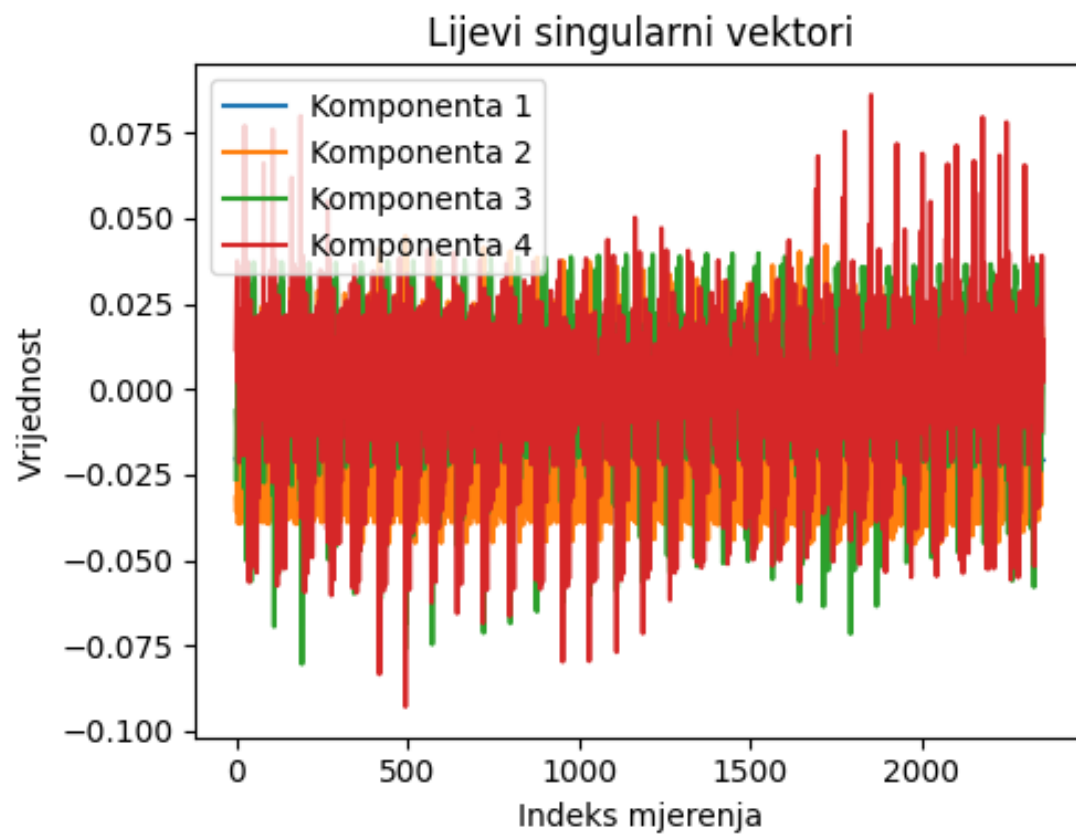




# Singularne vrijednosti



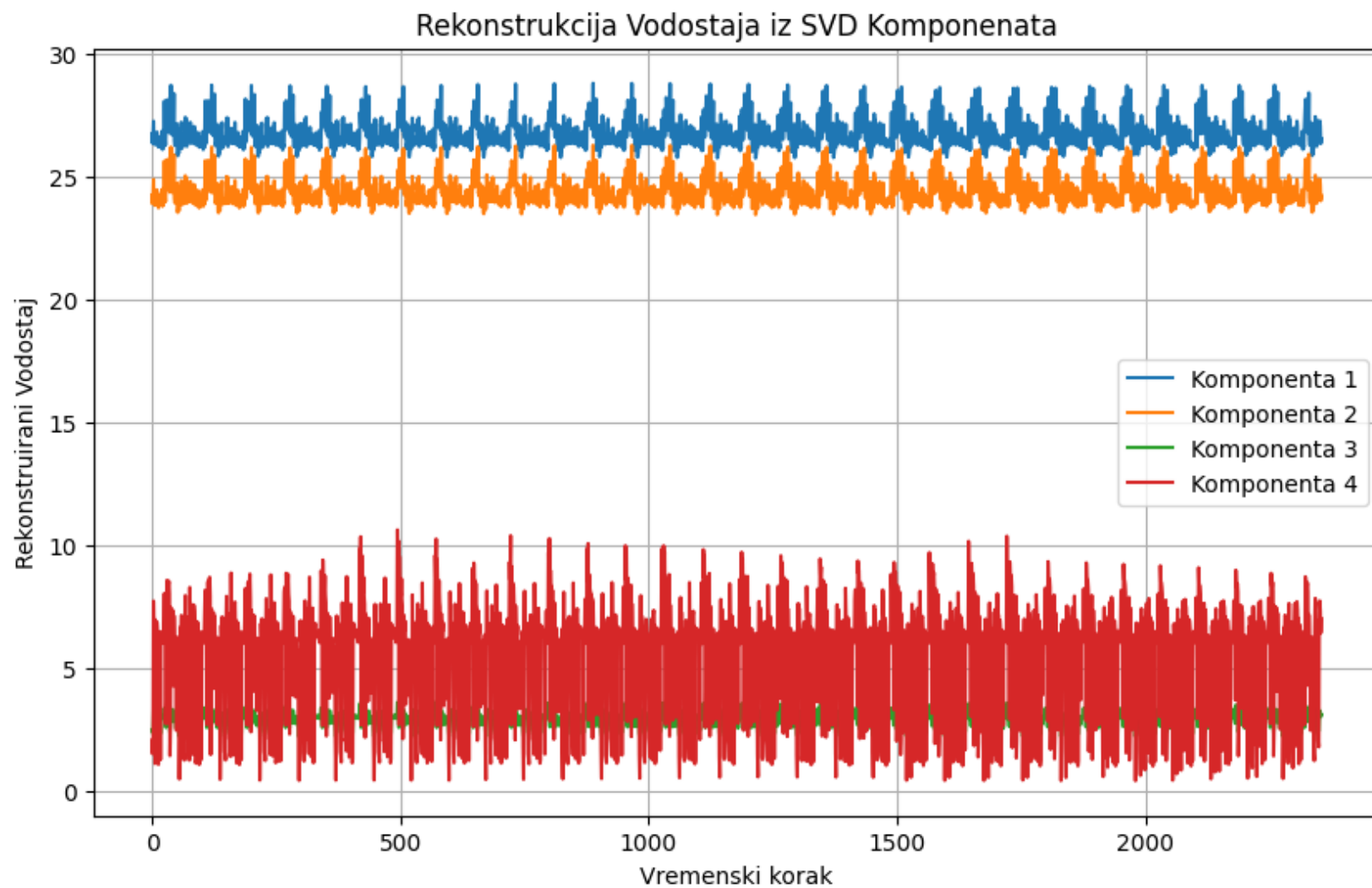
# Lijevi i desni singularni vektori





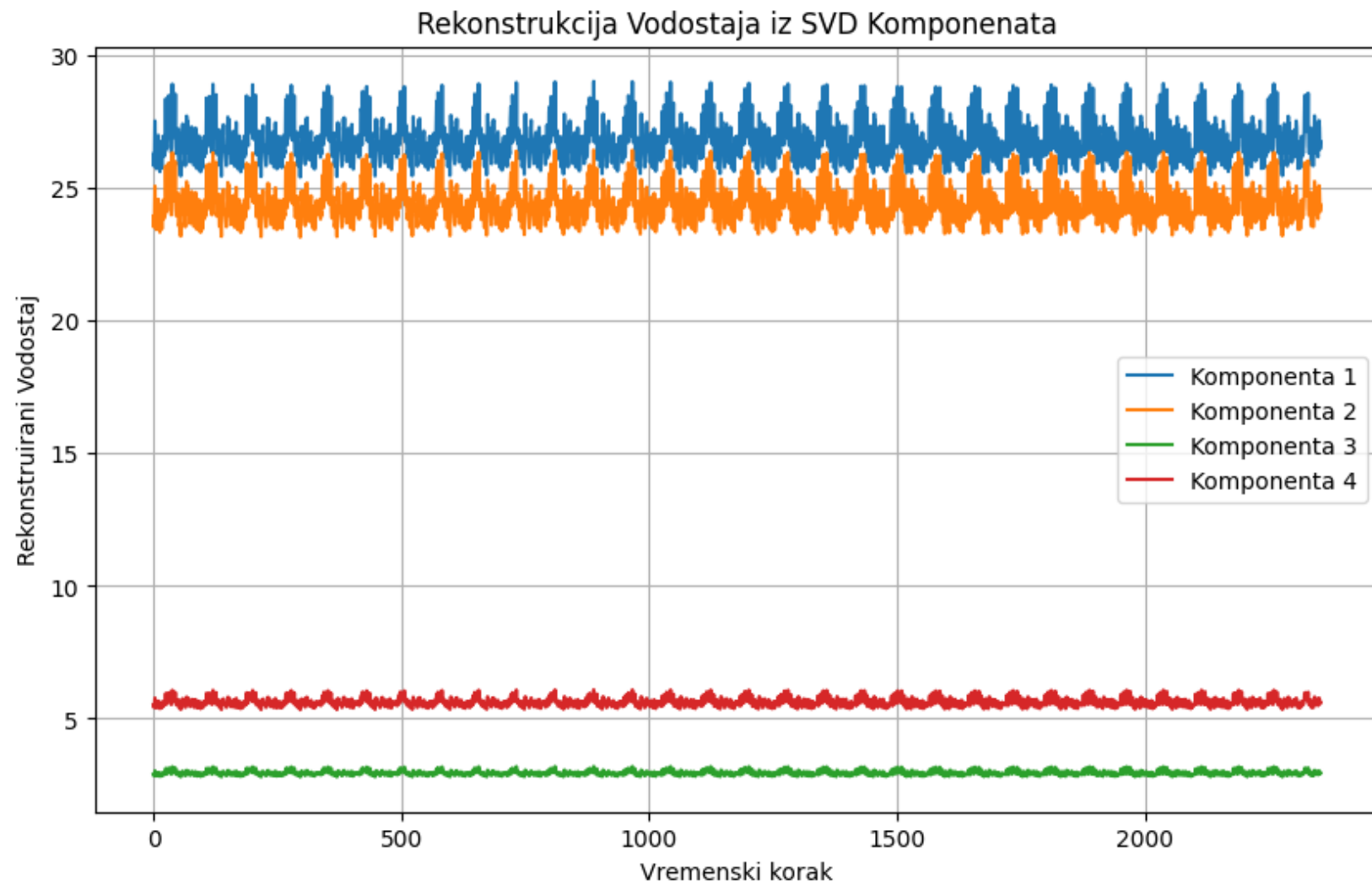
# Rekonstrukcija

$K = 2$



# Rekonstrukcija

$K = 1$



# Rekonstrukcija

*Time = 0.1 (godina)*

