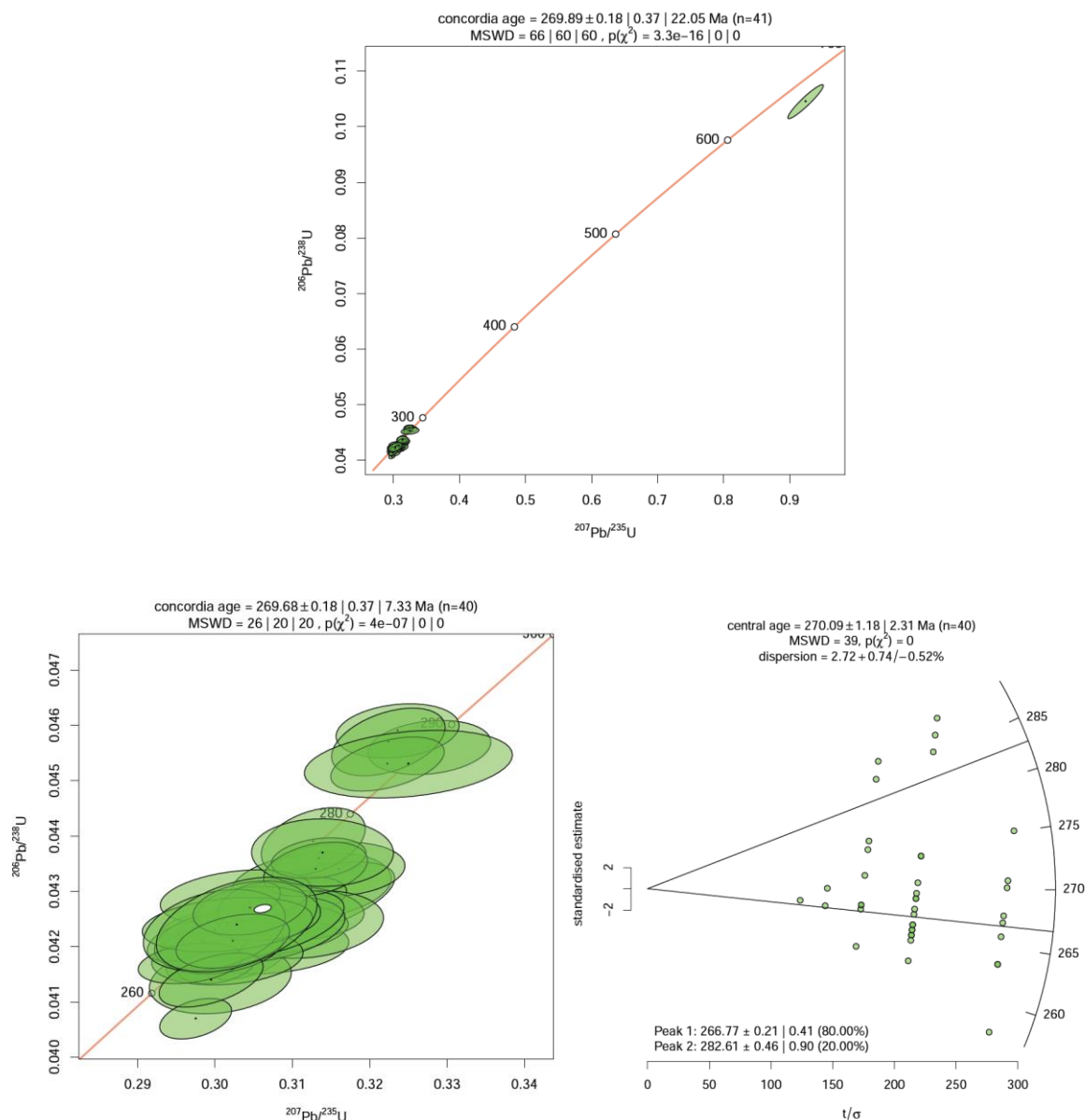
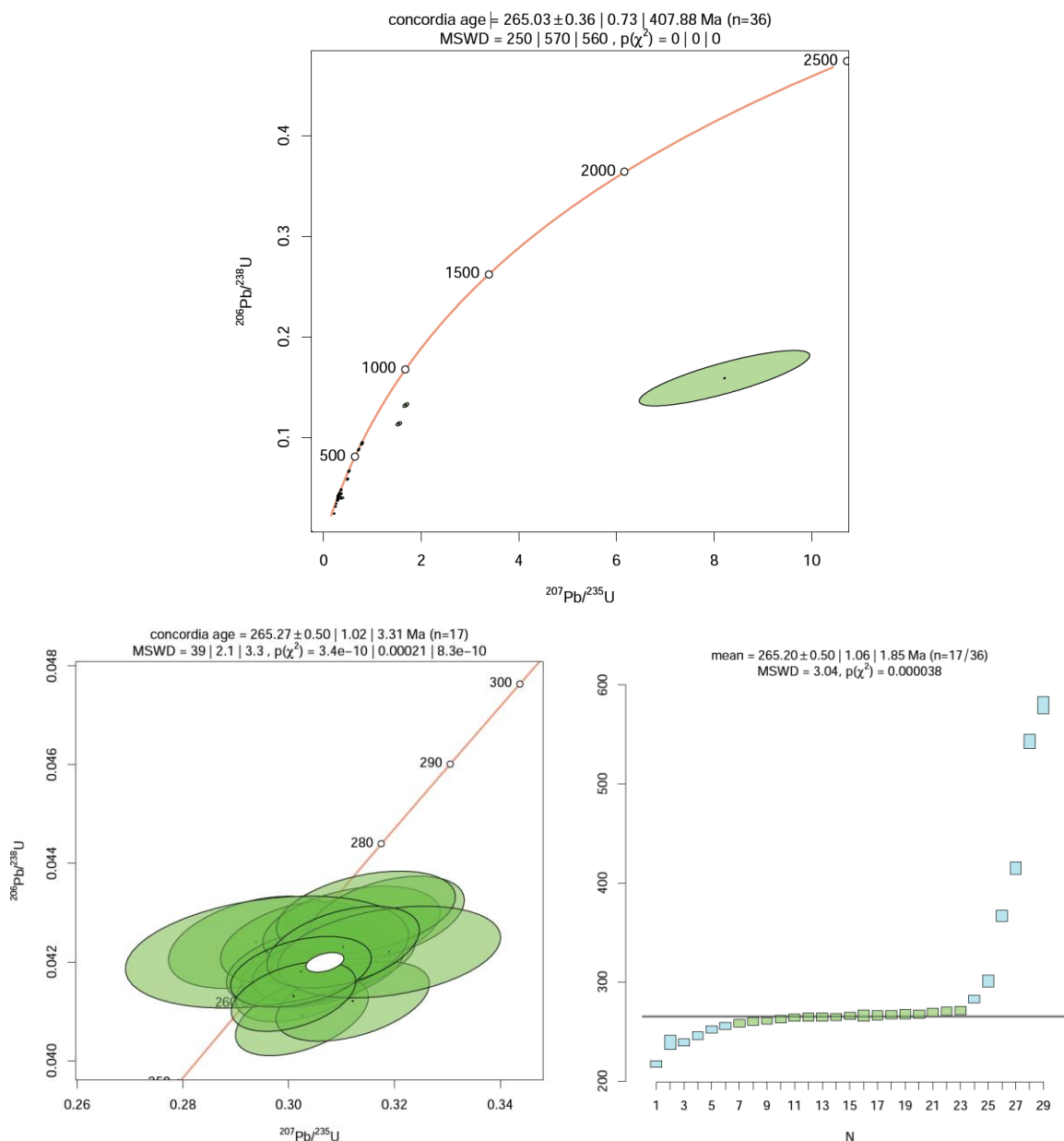


Gy-1 sample (Western Mecsek Mts)



Concordia age plots of all measured dates (upper figure) and of discordant free data group (bottom left figure) using IsoplotR (Vermeesch, 2018). They suggest strongly overdispersed dates that may have geological meaning, i.e. they refer to mixing ages between young (near eruption) and old antecrystic or xenocrystic cores or crystals parts. Such age mixing can be resolved by the mixing model calculation implemented in IsoplotR: The youngest age component was accessed by the younger distinct age of a two component mixing and is shown on the radial plot (bottom right figure) of IsoplotR (Vermeesch, 2018).

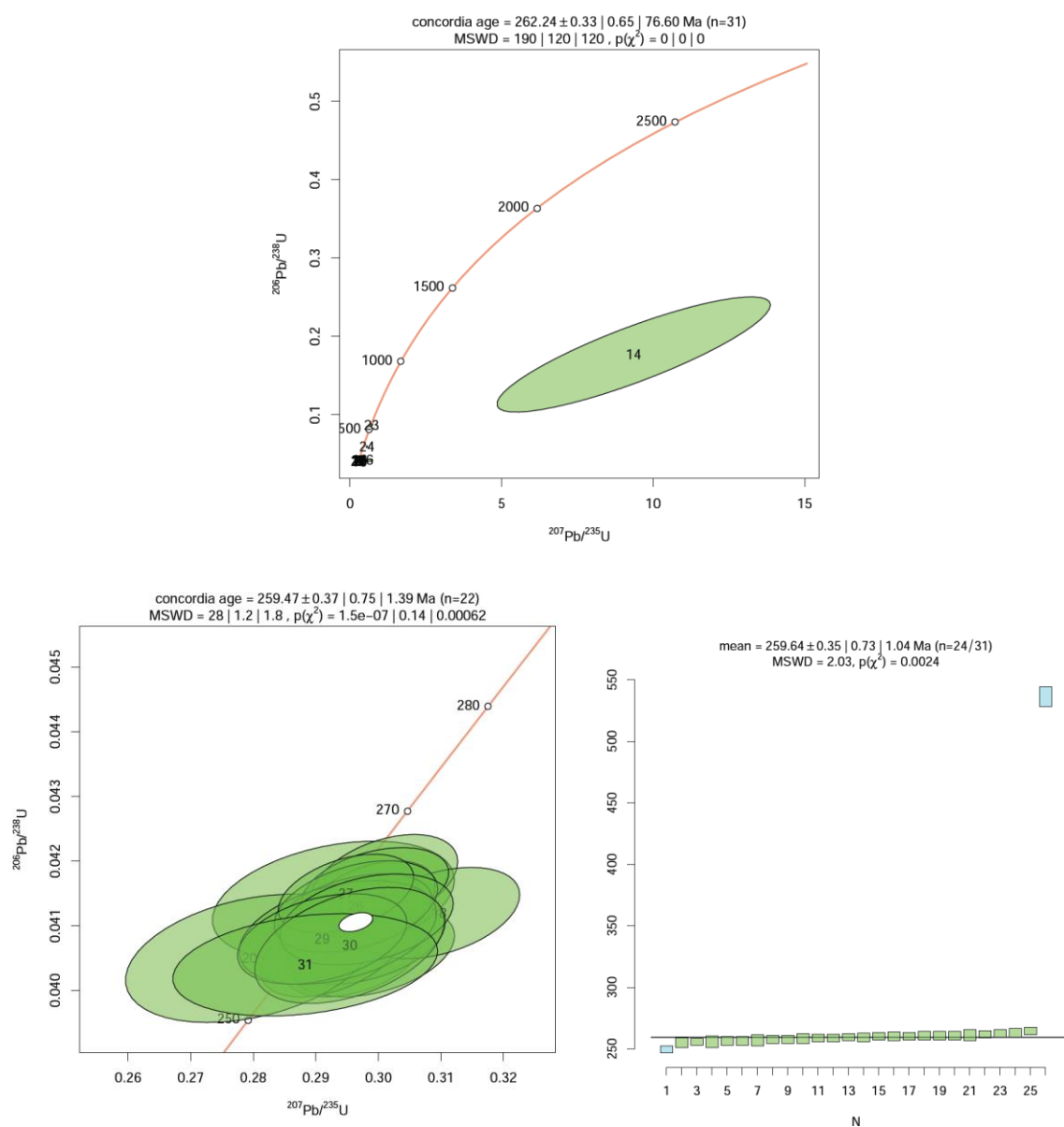
Szava-1 sample (northern foreland of the Villány Mts.)



Concordia age plots of all measured dates (upper figure) and of outlier and discordant free data group (bottom left figure) using IsoplotR (Vermeesch, 2018). Weighted mean plot (bottom right figure) of all concordant data suggesting outlier dates based on the modified Chauvenet outlier detection criterion of IsoplotR (Vermeesch, 2018).

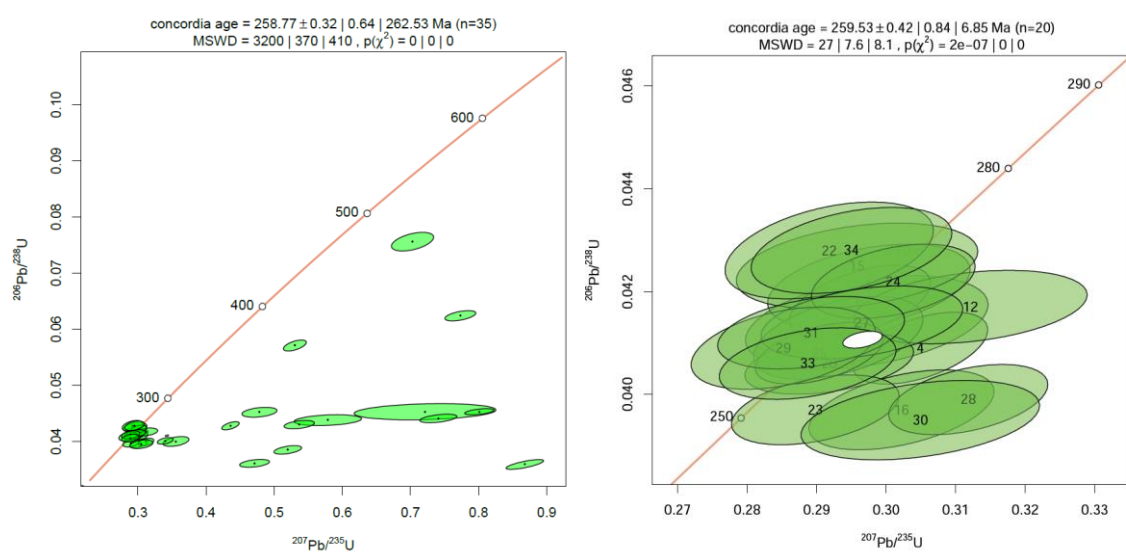
BATR/1 and BATR/2 (Battonya–Pusztaföldvár BR)

BATR/1



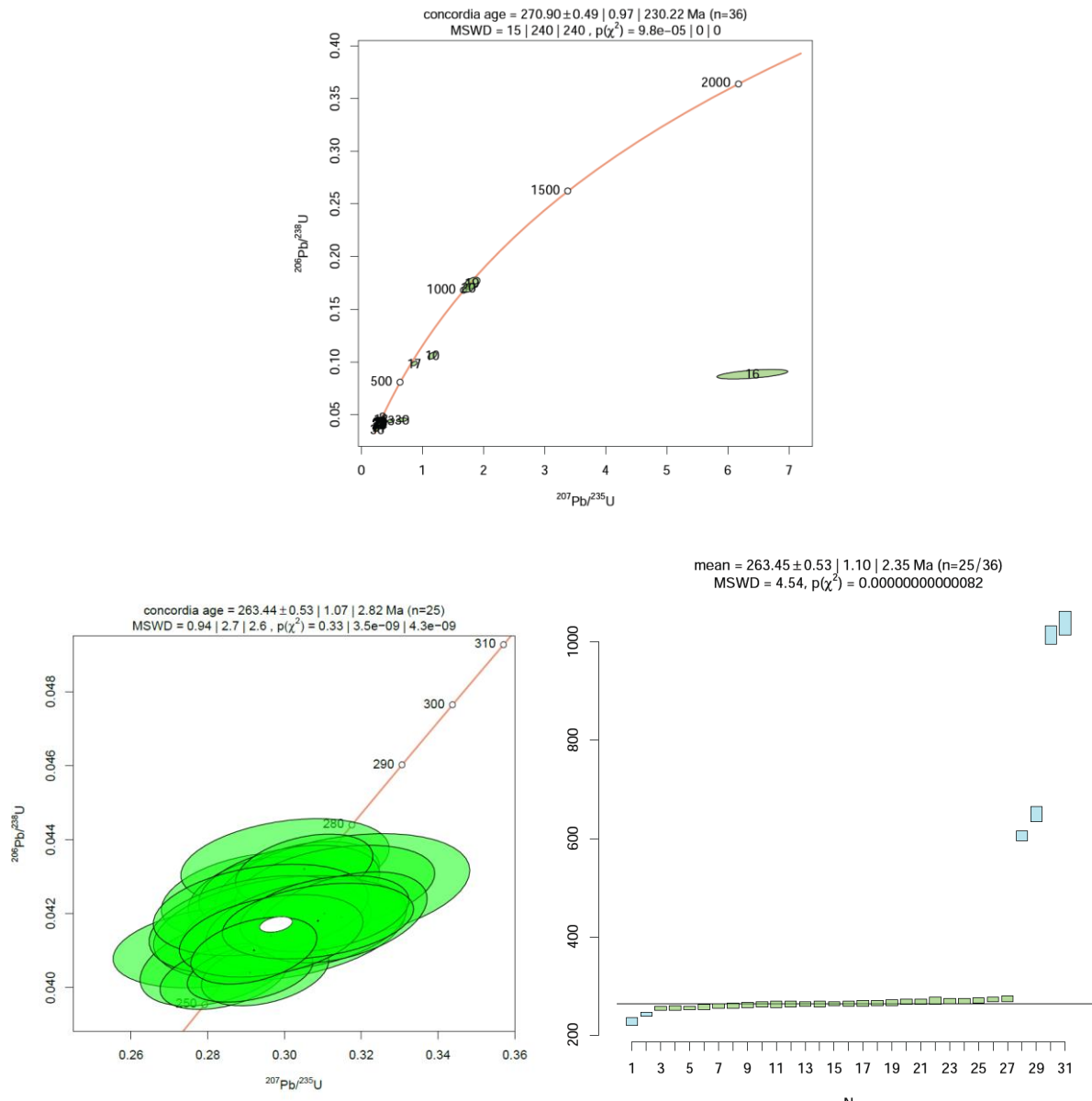
Concordia age plots of all measured dates (upper figure) and of outlier and discordant free data group (bottom left figure) using IsoplotR (Vermeesch, 2018). Weighted mean plot (bottom right figure) of all concordant dates suggesting outliers based on the modified Chauvenet outlier detection criterion of IsoplotR (Vermeesch, 2018).

BATR/2



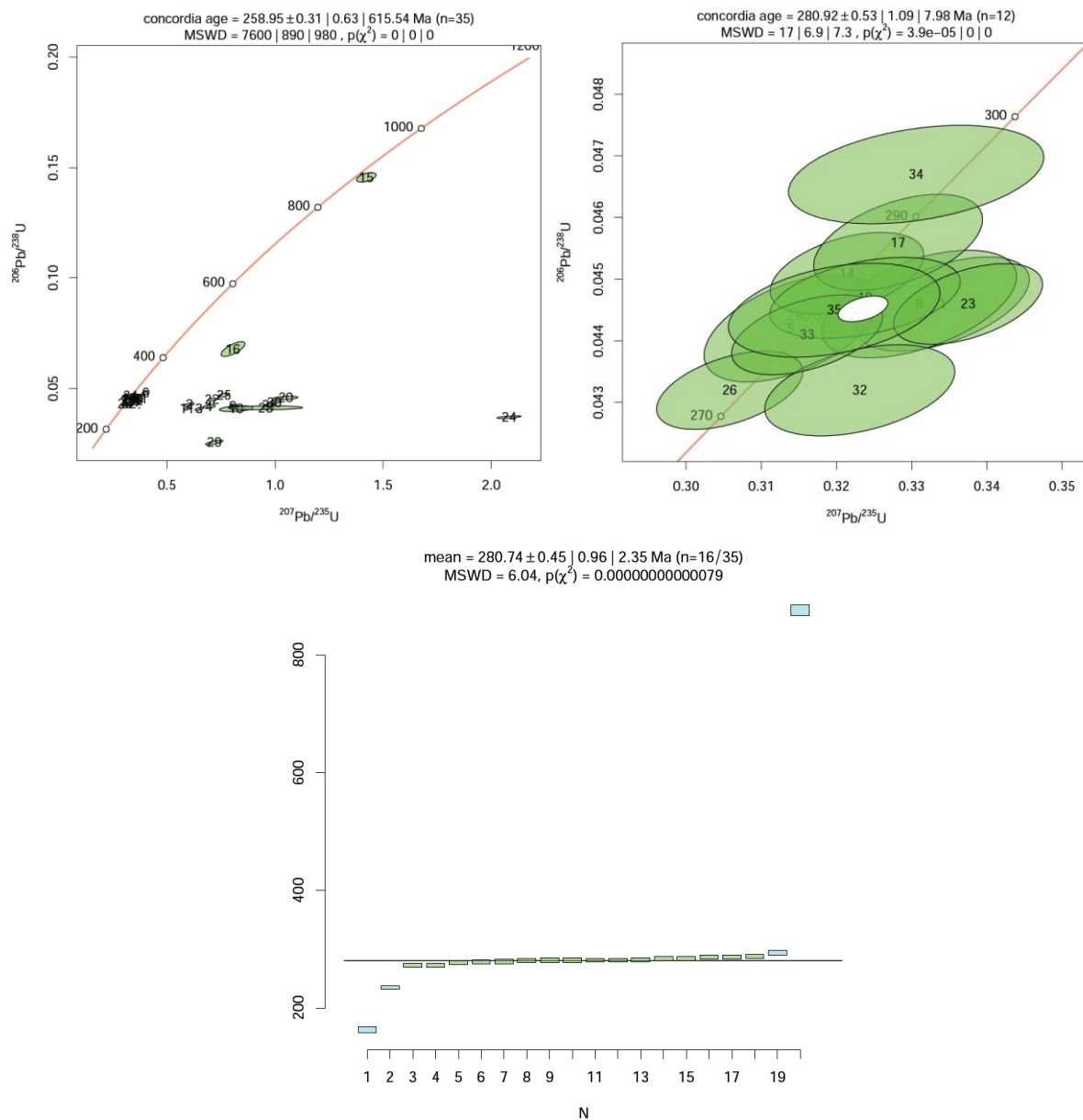
Concordia age plots of all measured dates (left figure) and of discordant free data group (right figure) using IsoplotR (Vermeesch, 2018).

Kelebia-7 sample (Kelebia area)



Concordia age plots of all measured dates (upper figure) and of outlier and discordant free data group (bottom left figure) using IsoplotR (Vermeesch, 2018). Weighted mean plot (bottom right figure) of all concordant dates suggesting outliers based on the modified Chauvenet outlier detection criterion of IsoplotR (Vermeesch, 2018).

PR-1 sample (Polgárdi, ALCAPA Mega-unit)



Concordia age plots of all measured dates (upper figure) and of outlier and discordant free data group (bottom left figure) using IsoplotR (Vermeesch, 2018). Weighted mean plot (bottom right figure) of all concordant dates suggesting outliers based on the modified Chauvenet outlier detection criterion of IsoplotR (Vermeesch, 2018).