**Highlights**

* The following, @-mention and retweet twitter networks of Dutch MPs are segregated along party lines.
* Party-based segregation patterns are strongest within the retweet-layer and weakest in the @-mention layer.
* MP Twitter networks are not segregated by age, sex or ethnicity.
* Segregation within the different layers of the Twitter network reinforce each other.
* The offline seating position of MPs in parliament impacts their online Twitter relations.
* Twitter offers democratic potential in terms of forging new connections, also to dissimilar others but does not live up to this potential among Dutch MPs.