hi welcome everybody thank you for tuning in for my presentation a saga in a network and a network of a saga my name is katarzyna anna kapitan and i'm a research fellow at the museum of national history at the forex bore castle in denmark before i get to my presentation i would like to start by thanking the organizers for putting this event together in these uncertain times you did a terrific job it is an absolutely amazing lineup and i am really looking forward to watching the pre-recorded presentations and participating in the live discussions next week this event is especially important for me because it allows me to reflect upon my doctoral research after a break of almost two years i submitted my phd in august 2018 and since then i worked on a project which isn't really related to what i focused on in my phd i hope that the considerations i will present today will open up for an interesting discussion during the live session next week let me start by presenting the structure of my presentation first i will give you some background information on the tradition i am working with which is oldness icelandic literature and here i will also introduce the case study which will be at the center of my talk this is my phd on a single old norse saga called hromundarsaga grapezoner then i will move to two ways of approaching this material from perspective of network analysis first i will talk about the saga in the network so on the ways of understanding the saga's position in the macroorganism of oldness icelandic literature next i will focus on the network of the saga so on the transmission history of this text in excellent manuscripts

and describable networks that produced these manuscripts both parts relied on digital methods of approaching manuscript transmitted texts but in both cases the importance of traditional heminewtic approach is emphasized the first case study uses network analysis to understand the context in which the saga appears and the second one builds on the results of new schematic analysis to understand the life of my text meaning its transmission history throughout centuries in the first part i will present some background information in this presentation we are going to travel through the realm of olnos icelandic literature as many of you know from the 13th century onwards icelanders composed long prose narratives called sagas the subject matter of this sagas can concern rulers of scandinavia or early icelanders or legendary scandinavian heroes and we call this text either king sagas sagas of icelanders or legendary sagas due to the peculiar situation in iceland the popular literature of iceland was copied by hand well until the 19th century and icelanders continued to compose texts in the traditional saga style or at least inspired by that style well into the same century therefore the corpus of icelandic manuscripts and texts includes hundreds of texts and thousands of manuscripts produced between 13th and 19th century chromodersaga grapezoner is an icelandic saga which traditionally is classified as a legendary saga legendary sagas are stories which deal with the legendary past of scandinavia before the settlement of iceland in the 9th century the most famous representatives of this genre are probably vulgar saga ragnar ludbrokar

or ghrolf sagacracka and if we compare roman darcya are with other legendary sagas especially focusing on the post-medieval ones we can easily observe that this saga has received a remarkable amount of scholarly attention and in my view there are two reasons for this situation the first one is that the protagonist of the saga roman durgripson is mentioned in the book of settlements of iceland land now my book daryl rominder is presented as a great grandfather of the first settlers in gulver and lever who arrived to iceland in the second half of the ninth century another reason for the scholarly interest in kharmandar saga and its unique position in the history of icelandic klitschka is the fact that romandar saga may be considered one of the earliest legendary sagas it is mentioned in the famous description of the wedding feast in reykja hollar from 1119 which is described in thor gilshago haflitha a part of sturlunga compilation from this passage we learn that at the wedding feast there was a story recited by chrolvur and this story featured some of the main characters and events that are also described in roman darsaga grapesonar as we know it today the medieval version of the saga has not survived and the saga as we know it today is a 17th century adaptation the only excellent medieval manifestation of the story of romander is in metric form of reamer called criplur or romandarimergripsonar various interpretations of the relationships between the saga and the riemer have been presented in the literature but the consensus appears to be that the 17th century saga is based on the medieval riemer and it is a fairly reliable precipication of the rimr the rimrinton are based on the lost saga

perhaps the same saga that was recited at the wedding feast in 1119 but which has received a number of amplifications from other sources this 17th century saga is included in all collections of legendary sagas that have been printed since the 18th century the first edition was bjergner's nordiska compa data from 1737 where the old norse texts were published together with latin and swedish translations because of this late origin of the saga it does not necessarily fit well with the other texts included in the corpus of legendary sagas as most of them are dated to the fourteenth and fifteenth centuries this makes gnomon darsagan an interesting case study for investigations of the text genre affiliations one might want to ask in which context this saga appears in accident manuscripts does it appear frequently in manuscripts with the older legendary sagas or with the younger reamer-based narratives can we see any patterns in the modes of sagas transmission which influence the co-occurrences with other texts to answer these questions i want to move to a discussion of the saga's position in the network of old icelandic literature this work relies on the network analysis of almost litchja that i've prepared together with taren wills and tim robotom you can check their academia profiles while you listen to me we used computer assisted analysis to macro analyze the manuscript context of all news literature and we presented our project in yet a book in sweden at the second dhnoldi conference in 2017. you can access our abstract through the link given on this slide in this project we try to answer the question whether modern scholarly genre classifications of icelandic literary corpus are reflected in manuscript transmission of these texts the main reason behind our research was a disagreement between scholars

regarding the traditional genre classifications some leading scholars in the field of old norse studies have been pointing at the manuscript context as a key for understanding the genre classification but even though they all refer to manuscripts themselves there arrived to contradicting conclusions regarding the genre boundaries in our view the limitation of the previous scholarship lies in the number of manuscripts a human being can manually examine and analyze therefore instead of looking at a single manuscript we have decided to collect and compile all the digital data currently available for icelandic manuscripts the main idea was to visualize the relationships between texts this manuscript preserve in a form of a network we compiled our data from four main sources to xml based catalogs and to databases which covered basically icelandic manuscripts in 23 repositories in europe and north america after some necessary cleaning of the data we ended up with a data set comprising of 674 unique titles or texts preserved in 1 330 manuscripts with almost 130 000 connections we imported our data into jeffy in order to obtain a visualization of the relationships between the texts in the accident manuscripts so on this slide you see our network that we presented in year the book in 2017 it is visualized with false atlas 2 and here texts are notes and edges are the manuscripts that preserve these texts the notes are colored according to the traditional genre classification so yellow and orange for romances pink and red for legendary sagas green for icelandic family sagas and blue for king sagas and as you can see the notes in the same color tend to appear relatively close to each other so we have this very

tight cluster of attic poetry and this kind of big spread of saga literature where the biggest cloud is represents icelandic family sagas while legendary sagas are sort of stretched between romances king sagas and icelandic family sagas a way of evaluating the accuracy of the results we achieved was to check which are the strongest connections in the network and how they relate to our knowledge regarding the potential relationships between these texts here i will present two of the cases which we also presented in yeti book they all happen to be within the legendary sagas genre and they are all well-known examples of strongly related texts due to their genealogical aspect the first case is the case of kadhirsa heinz krimsagalorinkina and orvarot saga which are all connected by the genealogy of the main characters the next example is the relationship between vorsunka saga and ragnar saga lodbrokar where ragnar saga is a sequel of souls to volsunga saga since our network correctly visualized the relationships between texts which are known to be closely related due to their contents i decided to use the network as an exploratory tool to understand my sagas position in the history of old norse icelandic literature as i said before roman darsagar belongs to the corpus of legendary sagas but the text as it is known today is a post-medieval adaptation dated to the 17th century and because of this it might not fit well with the other older legendary sagas so does roman darsaga appear frequent frequently with the older legendary sagas or with the younger rimur based narratives where is it in this absolutely illegible network of old norse texts we've prepared well it is here exactly in the middle placed comfortably among other legendary

sagas now if we clean up our data a little bit we can see that among the closest neighbors of roman darsaga there is a text which traditionally is not classified as a real legendary saga it is braga daol visaga which is a post-medieval legendary rimmer-based saga it has never been considered a member of legendary sagas even though its subject matter fulfills the requirement for a legendary saga this is interesting as we could we would like to know the reasons for the co-occurrence of these two texts together in the manuscripts did scribes and commissioners at different points of time independently decided to put these two texts together or other some other factors that influence their transmission to answer this research question we need to turn to additional methods of interpreting the saga's history and in my case it's the new schematic approach which i find particularly useful there is no space here to introduce computer assisted schematics in detail but i would like to bring to your attention some important publications in english where you can find further information the earliest article i found that mentioned the similarities between stematology or stematics and cladistics appeared in 1977 when norman plattning and don cameron pointed out that the cladistic method used in biology is applicable in all studies of historical interrelationships which are based on ancestor sequence this idea has been extensively explored for example by various dutch scholars such as ben salomons and margaret von mulken they applied cladistic method in what they called cladistic textual criticism in old norse studies we have to mention work by peter robinson and robert o'hara and by alaric hull and caitlin parsons what new schematics allows us to do is

to generate unrooted trees of relationships between various witnesses of the same text the unrooted trees can serve as a point of departure for further philological investigation on this slide you can see one of the unrooted stemmers of roman darsaga that i've generated during my phd you can see that there are at least two or three clear groupings of witnesses on this slide i marked with red triangles all the manuscripts which preserve romunder saga together with pragda or visage as you can see this co-occurrence appears in the majority of the manuscripts in the left hand side of the slide so in the manuscripts which are which i classified later as a text group b now if we focus on these manuscripts in particular some interesting patterns can be observed first of all let's look at the center of this unrooted stemmer we have here two manuscripts which are which i call p67 and a601 one is today in reykjavik the other one is in stockholm so what these two manuscripts have in common besides that they preserve both roman saga and prague del visaga well they are both written by the same scribe a certain john aguerzon who was living at the end of the 17th century while there is no earlier manuscript of roman darsagan known to us we know that in 1683 jan brought to sweden a manuscript which preserved roman dar riemer together with braga ulvi visherimur so the medieval poems on which our post-medieval sagas are based on then around the same time in the late 80s of the 17th century jan wrote a601 and p67 both preserving the prose versions of the sagas in the previous scholarship it has been suggested on yon it has been suggested that john egerson was an author of the post-medieval ramondarsaga and it seems quite possible to me that he converted both ramunda riemer and bragdahlvisrimer into prose using the reamer manuscript that he

brought in a 1683 as an exemplar now if we move further to the left of our unrooted tree i want to focus on three manuscripts which also preserved these two texts but which were written by different scribes in different regions of iceland and in different periods it is british library manuscript 4859 from 1695 l633 from 1721 now in reykjavik and a395 from around 1764 also in reykjavik so let's see what they have in common well the ownership history of some of them can be traced for a few generations on this slide you can see a map of northwest of iceland in the upper left corner the blue point is the location where the commissioner of b4859 was living after his death in 1702 his manuscripts were most likely inherited by his daughter and b4859 had to be one of them as it appears on the list of books owned by her husband magnus's daughter was living in villa del stunga and while b4859 was most likely invisidal stunga in thin garage which is around 25 kilometers north from vidal stunga lauric scott troop commissioned the writing of 1633 we don't know the whereabouts of 1633 after godzilla gothroup's death in 1721 but around 1750 it was owned by kaur olafson from muyavarnas so finally in 1760s a395 is written on akrar around 50 kilometers west from munavarnas given this geographic proximity often assumed assumed exemplars and their copies it seems possible to me that in these manuscripts the attacks of roman dar saga and bragda orvis saga were copied one after another from one manuscript to another while we don't know whether the texts of brag the olvis saga

in these three manuscripts followed the pattern of roman dar saga as no complete study of this saga yet exists we know that the other saga which appears in these manuscripts behaves in the same way the study of the transmission history of mirman saga by desmond sly has demonstrated that mirman's sagas tags in these three manuscripts can be organized in an ancestor descendant order which looks exactly like the one of romander saga so it would be interesting to know whether the other texts preserved in these manuscripts are also closely related there are at least two other sagas in addition to brag dolby saga which i would expect to follow the same pattern it's head of arizago heydrex and kirialax saga in my presentation today i focused on two ways of looking at text transmission and i demonstrated how these approaches can facilitate our research on one hand i presented the position of my saga in the network of almost icelandic literature it confirmed the traditional genre affiliation of the saga but it also revealed the text which most frequently appears together with my saga in the manuscripts on the other hand i turned to the computer-assisted methods of textual criticism to understand the text transmission from one manuscript to another neither approach alone is sufficient to understand the transmission history of the texts we are working with and even together they still require further interpretation i hope that i successfully demonstrated that the interpretation of the data still relies on the traditional philological work including for instance scribe attribution and ownership history the mere fact that roman darsaga appears together with brag davis saga is perhaps interesting but not really

meaningful or significant to me without an in-depth analysis of the underlying data at the same time i believe that this two-fold approach applied in my presentation today allowed me to present you a more nuanced view of my saga's history therefore i hope that in the future more old nurse studies will look at the transmission history of sagas as a system or as a network of relationships rather than as a linear process of corruption of isolated texts from one manuscript to another thank you very much for listening to my presentation i hope you enjoyed it and if you cannot join us for the live session next week feel free to tweet your questions at katajinaan thank you take care