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Um at hava tomur/tømur á tamarhaldinum

On having Control of the Control

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Jógvan í Lon Jacobsen, dr. philos, professari, Føroyamálsdeildin, Fróðskaparsetur Føroya¹

Abstract

The subject of this article is a linguistic analysis of the origin of the Faroese word tamarhald 'control' and its relation to Faroese teymahald and the Icelandic counterpart taumhald 'control'. Dispite their similarities in form and meaning, they have different etymological origin. The first part of the composition of tamarhald has its root in an old Faroese word tomur and tømur 'control' while the first part of teymahald and taumhald is the Faroese word teymur, Icelandic taumur 'rein'. The Faroese word teymahald and the Icelandic taumhald are mostly used figuratively with the same meaning as tamarhald 'control'. Neither tomur/tømur nor tamarhald is documented in Old Norse prose and must be viewed as specific Faroese forms, although its root goes back to the Indo-European language in words like temja 'tame' and tamur 'tame, domesticated'. Tomur and tømur are doubtless old forms in Faroese; tamarhald is more problematic in terms of age, because the form indicates an old form (in genitive with an old r-insertion in hiatus), but the word is poorly documented in old sources.

Úrtak

Innihaldið í hesi grein er ein málslig greining av upprunanum til tað føroyska orðið tamarhald og sambandið við teymahald og tað íslendska orðið taumhald. Víst verður á, at hóast líkleikar í sniði og innihaldi hevur orðið tamarhald annan málsøguligan uppruna enn teymahald og taumhald. Fyrri liður í tamarhaldi hevur sín uppruna í einum gomlum, lítið kendum føroyskum orði, tomur, sum eisini kann hava formin tømur. Hinvegin er fyrri liður í taumhaldi orðið taumur, sum svarar til tað føroyska orðið teymur í merkingini 'band aftur úr boksli til at stýra rossi við'. Teymahald og taumhald verða mest brúkt í fluttari merking, t.e. 'tamarhald'. Hvørki tomur/tømur ella tamarhald er at finna í norrønum og mugu

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tí roknast sum serføroysk orð, hóast rótin er elligomul og er at finna afturi í indoevropeiskum og finst aftur í orðum sum *temja* og *tamur*. Orðaformarnir *tomur/tømur* eru eftir øllum at døma gamlir í málinum, hóast teir ikki eru skrásettir í norrønum keldum. Hinvegin er *tamarhald* helst eitt ungt orð í føroyskum, tí tað er ikki at finna í teimum elstu føroysku orðabókunum.

Keywords: Linguistics, language history, Faroese.

Leitorð: Málvísindi, málsøga, føroyskt.

Endamál

Endamálið við hesi greinini er at vísa á, at orðið *tamarhald* byggir á eitt gamalt orð, *tomur* ella *tømur*, sum ikki longur er livandi í føroyskum talumáli. Tí er *tamarhald* hvørki rótskylt við *teymahald*² ella tað íslendska orðið *taumhald*, hóast orðini líkjast bæði í sniði og innihaldi. *Teymahald* og *taumhald* merkja í roynd og veru *tamarhald* (sí https://islex.is). Tí kundi verið freistandi at hildið, at *teyma-/taum-* og *tamar-* høvdu sama málsøguliga uppruna, men endamálið er at vísa á, so er ikki. Tann upprunaliga merkingin av *teymahaldi* og *taumhaldi* er, sum orðið sigur, 'tað at halda í teymarnar á rossi fyri at stýra tí', men orðini verða mest nýtt í fluttari merking við merkingini 'tamarhald'. Bæði *tomur* og *tømur* eru at finna í Føroyskari orðabók við merkingini 'tamarhald'.

Skyldskapurin millum tomur/tømur og tamarhald

Upprunin til tað føroyska orðið *tamarhald* kann rekjast aftur í tað gamla indoevropeiska málið og er tí elligamal. Orð, sum eru runnin av hesi rót, eru at finna í øllum norðurlandamálunum og øðrum germanskum málum, t.d. lýsingarorðið *tamur* (fornenskt *tam*, nýenskt *tame*, fornhátýskt *zam*, nýhátýskt *zahm*, < germanskt **tama*-, indoevropeiskt **domo*- < *domHo-? og sagnorðið *temja* < **tamjan* (fornenskt *temman*, miðlágtýskt *temmen*, fornhátýskt *zimmen*, nýhátýskt *zähmen*, gotiskt *ga-tamjan*, indoevropeiskt **dem(e)*-, sí Blöndal Magnússon 1989).

Orðið tamarhald er eitt serføroyskt orð, og tað eru tomur og tømur eftir øllum at døma eisini³. Fyrri liðurin í tamarhaldi er tomur/tømur. Formurin tamar kundi bent á hvørsfall eintal. Men so er ikki, tí tomur/tømur er fleirtalsorð, og tí skuldu vit væntað a- og ikki ar-ending. Orsøkin til ar-endingina í tamar er ikki grammatisk men ljóðfrøðilig, tí at r kemur ofta inn sum samansetingarklípi, tá ið fyrri samansetingarliður endar við sjálvljóði og seinni liður byrjar við sjálvljóði ella h sum her. Tí eru orð sum t.d. alvarhas (alvarhas), alvarhas0 (alvarhas1)

² Meira verður sagt um teymahald niðanfyri.

²

³ Tarrin Wills, ritstjóri á norrønu orðabókini á *Institut for Nordiske Studier og Sprogvidenskab* á universitetinum í Keypmannahavn sigur, at formurin *tomur* ikki finst í norrønum prosamáli. Persónligt samskifti mars 2023.

eplarhol (< eplahol) og høsnarhús (< høsnahús) at rokna sum merkingarligar fleirtalssamansetingar.

Men vit kunnu illa hugsa okkum eitt sterkt bent føroyskt orð *tam*, sum fær *tomur/tømur* í fleirtali, tí eitt slíkt bendingarmynstur er ikki til. Tí mugu vit ímynda okkum, at *tam* er broytt til eitt veikt bent kvennkynsorð **tama*. Skyld orð í norskum eru *tam* (hvørkikyn) og *tame* (kallkyn), sbr. hetta dømið: "eg har fått god tame på hesten min" (https://alfa.norsk-ordbok.no)4.

Kanska er lykilin til gátuna um tam(a)-tomur/tømur at finna í einum øðrum orði. Tað er navnorðið tal (hvørkikyn), í fleirtali tøl (norr. tol), sum á norrønum hevði síðuformin tala (kvennkyn), í fleirtali tolur, føroyskt tolur. Tí er trúligt, at bæði orðini eisini hava verið til í gomlum føroyskum eins og í íslendskum og norrønum. Tað sama kann vera hent við tam(a) - tomur/tomur, har tam(a) - tomur/tomur, fleirtali, svarandi til tomur a norrønum. tomur hevur tí fingið somu bending sum eitt nú tala - tolur og tomur a norrønum. tomur and hevur tí fingið somu bending sum eitt nú tomur og tomur and tomur (norrønur tomur). Nevnast kann í hesum sambandi, at tað eru fá orð bæði í foroyskum og íslendskum, sum í hvorkikyni enda við tomur og í kvennkyni enda við tomur tí er ilt at siga, um hvorsfall fleirtal skuldi verið tomur

T
otin mur má roknast sum ein óregluligur formur, tí at u-umljóðið vanliga gevur o framman fyri nasaljóð í føroyskum, t.d. trom og von. Men vit hava einstøk dømi um, at u-umljóðið kann geva o framman fyri nasaljóð (m, n), t.d. $tout{kamar} - tout{komur}$, og í suðuroyarmáli finst $tout{gen} nnur$ sum síðuformur til $tout{gen} nnur$ og $tout{komur} nout{gen} no$

Orðið *tomur/tømur* er at kalla ókent orð í nútíðarføroyskum. At so er, síggja vit á einum seðli í orðaseðlasavninum við einum tekstdømi úr grein eftir Rasmus Rasmussen í Varðanum frá 1955 (Rasmussen 1955: 85), har tann, sum hevur skrivað seðilin⁶, helst ikki hevur kent hetta orðið og ivast tí í, hvussu orðið skal stavast (https://savn.setur.fo (sí mynd 1)).

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⁴ Helge Sandøy vísti mær á hesi orðini í norskum. Persónligt samskifti mars 2023.

⁵ Kelda: Eivind Weyhe. Persónligt samskifti 14. september 2023.

⁶ Nær hann er skrivaður, er ikki upplýst.

Mynd 1.

Mynd av orðaseðli í savninum á Føroyamálsdeildini við orðinum *tomur* úr grein eftir Rasmus Rasmussen (1955). Leitorðið er rættað, og tað undirstrikaða orðið í tekstdøminum er skeivt endurgivið – tað skal vera *tomur*.

Hvat megimongdini viðvíkir, so hevur ongansinni verið betur statt enn nú, tá menn eru við at fáa tomar á atom-megini.

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Mynd 1 vísir, at tann, sum hevur skrivað seðilin, hevur skrivað tomar í staðin fyri tomur, men hetta er síðani rættað í leitorðinum, soleiðis at u er skrivað út yvir a, og í tekstdøminum hevur avskrivarin eisini skrivað tomar, hóast keldan hevur tomur. Feilskrivingin kundi bent á, at orðið hevur verið avskrivaranum ókent.

Tann elsta keldan til *tomur* er Jens Chr. Svabo (1746-1824), sum hevur orðið við í síni orðabók, *Dictionarium Færoense* (Matras 1966). Tey elstu handritini eru frá 1770'unum (sí mynd 2). Hann sigur, at orðið er hvørkikynsorð, sum hann týðir til danskt *Tamhed*, *Tæmmelse*, *Tamgjørelse*, á latíni *mansvetudo*, *mansuefactio*, *domitus*. Svabo hevur hetta dømið: *ikkji faaä Tomur aa* (t.e. ikki fáa tomur á) við týðingini 'ej kunne tæmme, non posse domare'.

Mvnd 2.

Orðabókargreinin *tomur* í Dictionarium Færoense. Styttingar: s.n. = substantiv neutrum; S^1 = høvuðshandritið eftir 1800. $A^{1\cdot 2}$ = uppískoyti til S^1 .

Tomur s.n. $S^1A^{1,2}$ Tamhed S^1 , Tæmmen A^1 , Tamgjørelse A^2 , mansvetudo S^1 , mansuefactio A^2 , domitus; ikkji faaä Tomur aa, ej kunne tæmme, non posse domare A^1 .

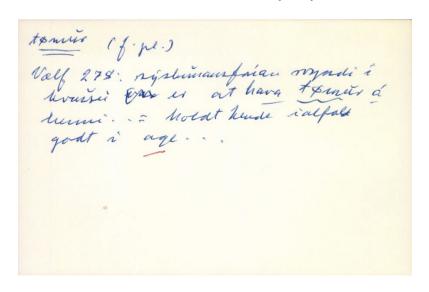
Í Føroysk-donsku orðabókini (Jacobsen og Matras 1927–1928) er tomur eisini at finna, og har stendur fáa tomur á 'få tæmmet, kunne tæmme', og í 1961-útgávuni av somu orðabók verður dømið frá Svabo endurtikið. Í Føroyskari orðabók (Poulsen o.fl. 1998 og https://sprotin.fo) eru bæði tomur og tømur við, og víst verður frá tømur til tomur, sum má roknast sum høvuðsorðið, tí tað ber skilmarkingina. Upplýst verður í Føroyskari orðabók, at orðið bara kemur fyri í orðasambandinum fáa ella hava tomur á 'fáa ella hava tamarhald á' við tekstdøminum: "høvundurin hevur tomur á søguevni sínum".

Hvørki Svabo (Matras 1966) ella *Føroysk-danska orðabókin* (Jacobsen og Matras 1927–1928) hava *tømur* við. Men í 1961-útgávuni av *Føroysk-donsku orðabókini* og í *Føroyskari orðabók* er *tømur* komið við. Í hesum báðum orðabókum er *tomur* høvuðsorðið og *tømur* síðuformur. Í *Føroyskari orðabók* er hetta gjørt við eini undirskiltari (implisittari) tilvísing, har tað undir *tømur* stendur *tomur* sum merking, meðan tað í 1961-útgávuni av *Føroysk-donsku orðabókini* er ein beinleiðis (eksplisitt) tilvísing givin: *tømur* = *tomur*. Í *Føroysk-donsku orðabókini* (Hansen og Joensen 2010 og https://sprotin.fo) er *tomur* tikið við, men ikki *tømur*. Hetta vísir, at *tomur* verður roknað sum høvuðsorð.

Í orðaseðlasavninum eru nakrir seðlar við ø-forminum. Ein er úr týðingini hjá Heðini Brú av *Vælferðini* eftir Knut Hamsun (sí mynd 3 niðanfyri). Har stendur: "sýslumansfrúan royndi í hvussu er at hava tømur á henni" (Brú 1972: 278).

Mynd 3.

Dømi um *tømur* í orðaseðlasavninum á Føroyamálsdeildini úr týðing hjá Heðini Brú av Vælferðini eftir Knut Hamsun (1972).



Á einum øðrum seðli stendur: "hann fekk tømir á honum til endan", og á einum seðli frá sama heimildarmanni: "hann hevur tømur á honum", t.e. 'hann hevur valdið á honum'. Tað fjórða ø-dømið er úr Miðvinga søgu. Har stendur:

"longu í uppvøkstrinum var Rubekkur so óflýggjaður at Heini fekk ikki tømir á hann" (á Ryggi 1940: 50). Seðlarnir eru ov fáir til, at teir geva nakra beinleiðis ábending um staðbundna variatión millum *tomur* og *tømur*, men áhugavert er, at trý av fýra dømum við ø vísa til Skálavíkar (Heðin Brú og Jóhs. Dalsgaard, https://savn.setur.fo"). Sum vit síggja í dømunum omanfyri, er ivi um tað herðingarveika sjálvljóð skal vera *i* ella *u* – tvey dømi eru við *-ir* og tvey við *-ur*. Orsøkin er, at endingarnar eru falnar saman til *ir* ella *ur* í framburði. Ivi er eisini um kynið á orðinum. Svabo upplýsir, at *tomur* er hvørkikyn. Men trúligari er helst, at tað er kvennkyn. Føroysk orðabók sigur einki um kyn á *tomur*, men upplýsir, at *tømur* er kvennkyn fleirtal. Tí kunnu vit vænta, at *tomur* eisini er kvennkyn fleirtal. Tað sama verður upplýst í *Føroysk-donsku orðabókini* (Jacobsen og Matras 1961).

Ein syntagmatisk greining

Ein syntagmatisk greining vísir, at tomur/tømur verða brúkt í fleirtali í óbundnum sniði saman við fyrisetingini \acute{a} + hvørjumfall. Sagnorðini, sum verða brúkt, eru bara tvey, nevnliga hava og fáa í orðasambandinum hava ella fáa tomur/tømur á onkrum, eisini saman við noktanarhjáorðinum ikki. Og syntaktiskt standa tomur/tømur altíð sum ávirki. Tað er einki dømi um, at tomur/tømur kunnu hava eitt lýsingarorð sum undirlið (t.d. góðar). Hetta vísir, at tomur/tømur hava avmarkaðar syntagmatiskar møguleikar, og tí er tað rætt, tá ið *Føroysk orðabók* upplýsir, at *tomur/tømur* einans kemur fyri sum partur í orðasambondum. Hinvegin er tamarhald bara til sum eintalsorð og verður eins og tomur/tømur brúkt saman við fyrisetingini á. Men fallnýtslan er levsari, tí bæði hvønn- og hvørjumfall koma fyri sum stýring. Tamarhald stendur altíð sum ávirki, men samanborið við tomur/tømur kann tamarhald bæði standa bundið og óbundið. Syntagmuni í sambandi við tamarhald eru fríari, tí at ymisk sagnorð kunnu verða brúkt. Føroysk orðabók hevur hesi sagnorð í sambandi við tamarhald: fáa, gera, hava, leggja, missa, taka. Dømi: fáa tamarhald á einum; taka tamarhald á ein; hann hevði fingið tamarhald á sýslumanninum; tað er sum ein illur andi hevur fingið tamarhald á øllum; hann hevur tamarhald á seyðafylginum; missa tamarhaldið á sær sjálvum; gera ella leggja tamarhald á ein 'hanga ella nálgast uppi í einum'. Dømi: hann legði tamarhald á hana; hann gjørdi tamarhald á henni 'hann gekk aftan á henni, hekk uppi í henni, hvar hon fór, so hon slapp ikki frá honum'. Hesi bæði seinastu dømini eru tey einastu við sagnorðunum leggja og gera og hava somu keldu. Hóast einki dømi er við lýsingarorði sum undirliði í hesum dømunum saman við tamarhaldi, er tað ikki óvanligt við lýsingarorði (sí www.teldni.fo), t.d. góður, betri: "Sambært Landssjúkrahúsinum eru fleiri tiltøk sett í verk fyri at fáa betri tamarhald á rakstrinum". *Góður* verður ofta brúkt í ítróttafrásøgnum, stundum saman við áherðandi hjáorði, t.d. "Í seinna hálvleiki hevði VÍF sera gott tamarhald á dystinum".

⁷ J. D., sum stendur á einum seðli, man sipa til Jóhs. Dalsgaard.

Hvussu gomul eru hesi orðini?

Hóast rótin *tam* er elligomul, finst einki av hesum trimum orðunum (*tomur/tømur*, *tamarhald*) í norrønum orðabókum, og í orðabókini eftir Svabo finna vit bara *tomur*. Tað kundi bent á, at Svabo ikki hevur kent ella hoyrt hini bæði orðini. Í kvæðunum kemur *tomur* fyri, men tað er sjáldsamt. Her eru trý dømi við *tomur* (https://snar.fo/kvaedi):

Ragnarlykkja ella Viljorms kvæði (CCF, 12Ba, ør. 64): 64. Tí svaraði Girtlands kongur fyrsta orðið tá: »Hví eru tit so herklæddir hvar stevna tit **tomur** á?«

Geipa táttur (CCF, 106-IV Ba, ør. 23 og 25): 23. Hoyr tú, keisarin Karlamagnus, sig mær satt í frá: Hví eru tit so útgjørdir, hvar stevna tit **tomur** á?

25. Fert tú teg til Miklagarð, roysni av køppum fá, haðan er eingin afturkomin, stevnt hava **tomur** á.

Merkingin av tomur er ógreið her; kanska verður sipað til at fáa tamarhald ella vald á onkrum. At tomur er at finna í kvæðunum bendir á høgan aldur, og ivaleyst er tømur eisini gamalt í føroyskum talumáli. Verri er at siga nakað um aldur á tamarhaldi. Einki dømi er funnið í kvæðunum og heldur ikki í orðabók Svabos. Ein leiting í nøkrum gomlum bløðum um aldarskiftið 1800-1900 (Føringatíðindi, Fuglaframi, Ungu Føroyar) gav heldur einki dømi um tamarhald. Ein leiting gjøgnum øll tey talgildu bløðini (Tidarrit.fo) vísir, at tað elsta dømið um tamarhald er frá 1943, har dømið ljóðar soleiðis: "Hann [Guttormur í Múla] ferðast millum tev fornesku: við sínum kunstum fær hann sær tamarhald á teirra fenaði". Orðið er hvørki við í orðabókini í Færøsk Anthologi (Hammershaimb 1891) ella í teimum føroysk-donsku orðabókunum (Jacobsen og Matras 1927-1928; 1961). Tað bendir á, at orðið ikki hevur verið heimilað í teimum keldum, sum vórðu nýttar til hesar orðabøkur8. Fyrstu ferð, tamarhald kemur fyri í orðbókum, er í Donsk-føroysku orðabókini (av Skarði 1967) undir leitorðinum kontrol. Og síðan er tað komið við í eykabindið til ta Føroysk-donsku orðabókina (Poulsen 1974). Kortini kann orðið vera gamalt, tí í orðaseðlasavninum eru fleiri

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⁸ Um keldugrundarlagið undir teimum føroysk-donsku orðabókunum (1927-28) og 1961, sí formælini í orðabókunum.

gomul dømi um *tamarhald* úr livandi talumáli, og bygnaðurin í orðinum við einum gomlum hvørsfalsformi við r-innskoti í hiatus bendir á høgan aldur. *Tamarhald* kemur av álvara í brúk í 1970'unum, 1980'unum og seinni – serliga gjøgnum ítróttafrásagnir.

Teymahald

Eitt annað orð, sum bæði formliga og merkingarliga liggur tætt upp at tamarhaldi, er tevmahald, og sum kann hava áhuga her. Tað verður brúkt í somu merking sum tamarhald, hóast eingin upprunafrøðiligur samanhangur er millum fyrru liðirnar í hesum orðum. Fyrsta merking av orðinum teymur í Føroyskari orðabók er 'band aftur úr boksli til at stýra rossi við', og teymahald merkir orðarætt 'tað at halda í teymarnar á rossi fyri at kunna stýra tí'. Men orðið verður í føroyskum bara brúkt í fluttari merking, t.e. at hava tamarhald á onkrum. Tað er eyðsæð, at tann flutta merkingin byggir á ta ítøkiligu merkingina. Tað føroyska orðið tevmahald svarar beinleiðis til tað íslendska orðið taumhald, sum eisini mest verður brúkt í fluttari merking. Í Islex-orðabókini er undir orðinum taumhald bara eitt nýtsludømi við týðingum til tey norðurlendsku málini. Dømið er hetta: hafa taumhald á <skapi sínu>, sum verður týtt til danskt: kontrollere <sit tøjle <sitt temperament>; temperament>; bókmál: nýnorskt: <temperamentet sitt>; svenskt: tygla <sitt humör> og føroyskt: hava tamarhald á <sinni sínum> (https://islex.is).

Men í Ritmálssafni Orðabókar Háskólans havi eg funnið eitt dømi um ta ítøkiligu merkingina av *taumhaldi* í íslendskum: "Sé hestinum riðið frjálst og með lausu taumhaldi, hefur maðurinn hendurnar með taumnum niður við hnakknef" (http://ritmalssafn.arnastofnun.is).

Orðið teymahald verður í Føroyskari orðabók markað sum sjáldsamt (stytt sj.) og hevur merkingina 'tamarhald'. Nýtsludømið er úr Jákupsbrævi 3,2 (sí niðanfyri). Tað eru trý dømi um teymahald í bíbliutýðingini hjá Jákupi Dahl og Kristian Osvaldi Viderø (1961), og øll dømini vísa, at merkingin er tamarhald, sum hevði kunnað verið sett inn her, uttan at merkingin broyttist. Tað fyrsta dømið, sum verður nevnt her, er úr 2. Mósebók:

2. Mós 32,25

Men tá ið Móses sá, at fólkið einki teymahald hevði á sær, við tað at Aron hevði givið teimum leysar teymar, so at fíggindar teirra hildu fragd at teimum,

Í tí hebraiska Gamla Testamenti verður sama sagnorð nýtt, bæði fyri at "hava teymahald á sær" og at "geva leysar teymar". Dømið úr 2. Mósebók kann vera orðaspæl, sum týðarar hava roynt at endurgeva. Í teirri donsku týðingini frá 1931 stendur: "Da Moses nu saa, at Folket var tøjlesløst til Skadefryd for deres Fjender,

⁹ "Verður riðið uttan at tamba teymin, hevur ríðingarmaðurin bæði hendur og teym á saðilboganum" (Týðing: Þóra Þóroddsdóttir).

fordi Aron havde givet det fri Tøjler...". Og í teirri donsku týðingini frá 1992 stendur soleiðis: "Da Moses så, hvor løssluppent folket var, fordi Aron havde sluppet tøjlerne..." Victor Danielsen nýtir ikki orðið *teymahald* í síni týðing frá 1949; har stendur: "Móses sá nú, at fólkið kendi sær ikki afturhald, við tað at Áron hevði slept teimum leysum – og hesum hildu fíggindar teirra frægd at" (www.biblian.fo). Tvey tey næstu dømini um *teymahald* eru úr Jákupsbrævi í týðingini eftir Dahl og Viderø:

Ják 1,26

Um einhvør heldur seg dýrka Guð, og ikki hevur teymahald á tungu síni, men villleiðir sítt egna hjarta, tá er gudsdýrkan hansara ónýtt.

Ják 3,2

Tí at vit snáva allir í mongum lutum; um einhvør ikki snávar í talu, tá er hann ein fullkomin maður, sum er førur fyri at hava teymahald eisini á øllum likaminum.

Mín fyrsti tanki var, at *teymahald* helst var lán úr íslendskum bíbliumáli. Men tað tykist ikki vera tilfelli, í hvussu er ikki, um vit samanbera ta íslendsku bíbliuútgávuna frá 1914 við týðingina hjá Dahl og Viderø (1961)¹⁰. Í 2. Mósebók 32,25 hevur íslendskt *taumlaust* 'teymleyst', meðan føroyskt hevur *einki teymahald*. Í Ják. 1,26 hava íslendskt og føroyskt tað sama orðið, *taumhald* og *teymahald*, og í Ják. 3,2 hevur íslendskt orðið *stjórn*, meðan føroyskt hevur *teymahald*. Íslendskt hevur sostatt trý orð (*taumlaust, taumhald* og *stjórn*), meðan føroyskt hevur eitt orð (*teymahald*). Tí er neyvan talan um íslendskan íblástur. Nakað annað, sum er áhugavert her, er spurningurin: Hví valdu Dahl og Viderø ikki *tamarhald* í staðin fyri *teymahald*? Kann svarið vera, at teir ikki hildu, at *tamarhald* hevði nóg høgt stílvirði, ella kann svarið vera so einfalt sum tað, at orðið ikki var so kent tá, sum tað er í dag? Tann seinni møguleikin er ikki óhugsandi, serliga tá vit hava í huga, at orðið er illa heimilað í gomlum orðabókum og gomlum heimildum annars.

Tað grikska sagnorðið, sum verður nýtt í Jákupsbrævinum, verður í teirri griksk-týsku orðabók Walter Bauers (Bauer 1971) týtt soleiðis: "Am Zügel führen" 'leiða í teymi', im Zaum halten 'halda í teymi', übertr. Im Zaum halten, zügeln" 'flutt merking: halda í teymi, hava tamarhald á einum' ¹¹.

¹⁰ Sí Biblía það er Heilög Ritning í bókmentalistanum. Tað kann vera, at íslendskar bíbliutýðingar millum 1914 og 1961 hava onnur orð. Hetta havi eg ikki havt høvi til at kanna

¹¹ Tøkk til Jákup Reinert Hansen, lektara í kirkjusøgu á Fróðskaparsetri Føroya, fyri bíbliudømini og tilvísingina til tær týsku og donsku týðingarnar. Persónligt samskifti mars 2023.

Samanumtøka

Fyrri liður í orðinum tamarhald er hvørsfall fleirtal av einum gomlum orði tomur/tømur. Ein tilsvarandi formur finst ikki skjalfestur í norrønum keldum (kortini kann hann hava verið til), men um hann hevði verið til, hevði hann helst verið tomur. Hóast hesin formurin ikki er skjalfestur í norrønum prosabókmentum, má hann hava verið til í føroyskum gerandismáli longu í miðøld. Her verður roynt at grundgeva fyri, at tamar skal tulkast sum hvørsfall fleirtal av tomur/tømur, sum helst er kvennkynsorð í fleirtali, og tí skuldu vit væntað hvørsfalsformin tama í fleirtali. Men rið í tamar er ikki partur av bendingarendingini, men er komið inn sum eitt samansetingarklípi millum a í tama og h í hald, og tí er hetta ein klípissamanseting (Petersen 2020: 57). Slíkar samansetingar koma ofta fyri, tá ið seinni liður byrjar við h, sbr. t.d. høsnarhús (< høsnahús).

Helst hevur tann upprunaligi hvørfalsformurin verið *tama og tǫmur í fleirtali og hevur hoyrt til teir norrønu ōn-stovnarnar, sbr. saga – sǫgur (Iversen 1973: 65). Upprunafrøðiliga hava tomur/tømur og tamarhald samband við sagnorðið temja (< *tamjan) og lýsingarorðið tamur.

Orsøkin til at eg fekk áhuga fyri *tamarhaldi* var, at hetta orðið líkist so nógv tí føroyska orðinum *teymahald* og tí íslendska *taumhald* og hevur nett somu merking. Tí var mín fyrsti tanki: er *tamarhald* í roynd og veru ein bronglan av *teymahaldi*? Orsøkin til hugsanina um at eitt gamalt orð *taumhald* var vorðið til *tamarhald* og ikki øvut var, at myndin við teymunum gav góða meining. Mínir tankar mólu rundan um spurningin, líka til orðið *tomur* rann mær í hug. Tá var eingin ivi longur. Fyrri liður í *tamarhaldi* er *tomur/tømur*.

Men tamarhald er framvegis nakað av eini gátu, tí samstundis sum orðið bygnaðarliga hevur gomul eyðkenni (ein gamal hvørsfalsformur við r-innskoti í hiatus), er tað illa heimilað í gomlum keldum. Tað er ikki at finna í kvæðunum, ei heldur í teimum gomlu orðabókunum. Svabo hevur tað ikki við í síni orðabók, og ei heldur er tað at finna í orðabókini í *Færøsk Anthologi* (Hammershaimb 1891) ella í *Føroysk-donsku orðabókini*, hvørki í útgávuni frá 1927–1928 ella í 1961-útgávuni (Jacobsen og Matras 1927–1928; 1961). Tað elsta dømið, eg havi funnið, er í *Donsk-føroysku orðabókini* (av Skarði 1967) undir leitorðinum *kontrol*. Og síðan er tað komið við í eykabindið til ta *Føroysk-donsku orðabókina* (Poulsen 1974).

Ein leiting í teimum elstu bløðunum um aldamótið 1800–1900 (*Føringatíðindi, Fuglaframi* og *Ungu Føroyar*) gav einki dømi um *tamarhald*. Tað elsta dømið, sum henda leitingin gav, var í Sosialinum frá 1943. Í 1970'unum og seinni varð tað nógv brúkt, serliga í ítróttafrásøgnum. Ein leiting í tí teldutøka tekstasavninum (<u>www.Tekstasavn Teldni</u>) gav 797 dømi um *tamarhald*. Hinvegin var einki dømi í tekstasavninum um *tomur* ella *tømur* (leting gjørd 15. august 2023).

Takkir

Eg vil takka fyri alla hjálp í sambandi við hesa greinina. Serliga takki eg Helge Sandøy, prof. emeritus, Universitetet i Bergen, fyri at vísa á norsk dømi. Jákup Reinert Hansen, ph.d., lektari í kirkjusøgu á Fróðskaparsetri Føroya, skal hava takk fyri hjálp í sambandi við bíbliudømini. Ritstjóranum á norrønu orðabókini á Institut for Nordiske Studier og Sprogvidenskab á Københavns Universitet Tarrin Wills takki eg fyri hjálp í sambandi við leiting eftir einum møguligum norrønum orði *tǫmur*. Eg takki eisini Eivindi Weyhe fyri upplýsingar um suðuroyarformarnar hømla og hømluband og Þóru Þóroddsdóttur fyri týðing av einum íslendskum dømi til føroyskt. Takk fyri góðar viðmerkingar frá báðum javnlíkametarunum. Starvsfelagar mínir á Føroyamálsdeildini skulu eisini hava takk fyri at vísa hesum evni áhuga.

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Relationships between campus experiences, practice experiences, long-term motivation and turnover intentions among Faroese student teachers

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Sambandið millum undirvísingina á læraraútbúgvingini, starvslæruroyndir, langtíðarmotivatión og tankar um at skifta útbúgvingarleið millum læraralesandi í Føroyum

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Abstract

Teacher education comprises subject education, pedagogical studies and training in schools. This complexity is demanding for all teacher training institutions. The present study examines empirical relationships in teacher education in the Faroe Islands. It explores the associations between the relevance of campus pedagogy studies, the integration of theory and practice during field experiences and the provision of personalised support by school practice supervisors. Structural equation modelling is employed to analyse the results of a survey of 105 student teachers and reveals positive links between both the relevance of campus teaching and practice mentors' integration of theory and student teachers' long-term motivation. However, no relationship is observed between personalised support from practice mentors and student teachers' long-term motivation. As anticipated, the relevance of campus teaching, integration of theory by practice mentors, and the level of personalised support are negatively associated with intentions to discontinue teacher education.

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Úrtak

Læraraútbúgvingin er sett saman av undirvísingarfakum, pedagogiskum fakum og starvslæru. At fáa hesar tríggjar partarnar at renna saman er ein stór avbjóðing í øllum læraraútbúgvinum. Henda vísindaliga kanningin tekur støði í læraraútbúgvingini í Føroyum. Granskaraliðið hevur kannað sambandið millum, hyussu viðkomandi tey lesandi halda tey pedagogisku fakini vera í útbúgyingini, hvussu lesandi og starvslæruvegleiðarin arbeiða við ástøði/praksis-avbjóðingini í starvslærutíðini og ta persónligu vegleiðing, sum tev lesandi fáa frá starvslæruvegleiðaranum, meðan tey eru í starvslæru. Ein bygnaðarlíknandi myndil (en. Structural equation modelling) er nýttur til at greina 105 spurnabløð, sum førovsk læraralesandi hava svarað. Kanningin vísir fyrst, at bæði innihaldið í teimum pedagogisku fakunum og førleikin hjá starslæruvegleiðaranum at samband millum ástøði og praksis hava jaliga ávirkan langtíðarmotivatiónina hjá teimum lesandi. Kanningin vísir tínæst, at tann persónliga vegleiðingin, ið tey lesandi fáa frá starvslæruvegleiðaranum, sær ikki út til at hava stórvegis ávirkan á langtíðarmotivatiónina. Sum væntað hava innihaldið í pedagogisku fakunum, førleikin hjá starvslæruvegleiðaranum at skapa samband millum ástøði og praksis og tann persónliga vegleiðingin, ið lesandi fáa frá starvslæruvegleiðaranum, ikki nakra beinleiðis ávirkan á, um lesandi umhugsa at gevast við útbúgvingini.

Keywords: Teacher education, campus teaching, field experiences, coherence. **Leitorð:** Læraraútbúgving, ástøðilig undirvísing, starvslæra, samanhangur.

Introduction

A good school is essential if society is to lay a foundation for pupils to acquire vital knowledge and skills and to develop social intelligence to enable them to function fully and well in society (Borko et al., 2010). Teacher retention and attrition are critical areas of investigation for education scholars because they directly impact the quality of education, student outcomes, resource allocation, teacher preparation, policy formulation, workplace satisfaction, and long-term educational planning (Buchanan et al., 2013). Addressing these factors can lead to a more stable, effective, and sustainable education system.

Teachers play a crucial role in school success, and it is teacher training institutions that prepare teachers for the important tasks they have to perform (Hattie, 2012). This is not least important in the case of the Faroe Islands, which has a small, largely native-born population, and where good teachers may be essential for preserving the area's culture and language, along with ensuring good citizens of the larger Kingdom of Denmark.

Research indicates that prospective commitment to a profession plays a pivotal role in fostering exemplary professional conduct (Khan et al., 2010), and this holds true for teachers (Hong, 2010). Effective educators exhibit both intellectual and emotional dedication to their profession. Emotional commitment is closely tied to their sense of professional identity, encompassing

their sense of belongingness to the broader teacher community and their affiliation with the specific school and department where they work (Day, 2013; Day & Gu, 2010).

While student teachers may not yet be an everyday part of a school community, it is possible to surmise that they typically harbour aspirations of a future career in teaching when they embark on their initial teacher training. The emotional commitment of student teachers to their future roles as educators reflects their budding occupational identity, their fervour for teaching and their aspirations for a fulfilling career in education (Heinz, 2015).

Regrettably, these aspects are frequently overlooked in educational policy discussions, and the consequences of neglecting them can be costly for schools, individual student teachers and society as a whole.

A low dropout rate among student teachers is essential for ensuring a consistent supply of qualified and well-prepared educators, which, in turn, positively impacts the overall quality of education in a nation. With a low dropout rate from Faroese teacher education programs of 5.6%², it is important to investigate student teachers' intentions to remain in or leave the profession (Harryson, 2023a, p.29). The fact that there is a low dropout rate in the Faroe Islands is a sign that the students have a sincere desire to complete the teacher training and to become teachers. They are mostly motivated to complete the education, and what is investigated in the article is whether it is a matter of intrinsic motivation or external motivation or a mixture of the two forms of motivation. When individuals who are in the process of becoming teachers opt not to pursue teaching upon completing their courses or exit the profession after a few years in the classroom, there can be significant expenses, as considerable resources are spent on training teachers. Turnover intention says something about the thoughts students have about leaving, and it is important to know which factors are related to such thoughts. This type of insight may form the basis for preventive measures.

Teacher education programs in all countries typically encompass three aspects, which include education in subjects the formation of pedagogical knowledge and skills through on-campus studies and observation, and teacher training through school placements. Two crucial aspects of teacher training are long-term motivation to become a teacher and the inclination to leave their studies. These two aspects are closely related, as research suggests that strong motivation to become a teacher is linked to a weak tendency to consider quitting and vice versa (Christophersen et al., 2016). Given their importance, both long-term motivation and turnover intentions are endogenous variables in the

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² If we consider the 4-year teacher education program, studies show that since the teacher training program was merged with the Faroese university in 2008, the average dropout throughout the 4-year teacher education program has been below 20 % (Olsen et al., 2022, p. 29).

present study. The study aims to investigate the relationships between these two variables and student teachers' experiences with campus teaching, field placements, and personalized support. Student teachers' experiences with campus teaching, field placements, and personalized support in school practice are important factors influencing their affective commitment to the teaching job and turnover intentions for several reasons.

Firstly, campus teaching plays a significant role in shaping student teachers' perception of the teaching profession. Positive experiences with campus teaching, such as the relevance and quality of instruction, often lead to greater motivation and commitment to become a teacher (Christophersen et al., 2016). On the other hand, negative experiences or a lack of relevance may reduce their motivation and increase the likelihood of turnover intentions (Korthagen, 2010; Carver-Thomas & Darling-Hammond, 2017).

Secondly, field placements provide student teachers with practical experiences in real classroom settings (Zeichner & Bier, 2012). These placements enable them to apply their theoretical knowledge, develop pedagogical skills, and gain valuable insights into the challenges and rewards of teaching. Positive experiences and support during field placements contribute to their affective commitment to the profession, while negative experiences or a lack of support may undermine their commitment and increase thoughts of leaving the teaching profession.

Thirdly, personalized support during internships is crucial for student teachers' professional development and well-being (Zeichner, 2010). Supervisors who provide guidance, mentorship, and constructive feedback help student teachers navigate the complexities of the profession and build self-efficacy. Supportive relationships with supervisors and mentors contribute to their affective commitment to teaching. Conversely, a lack of personalized support may lead to feelings of isolation, dissatisfaction, and increased turnover intentions.

Overall, student teachers' experiences with campus teaching, field placements, and personalized support in internships significantly impact their affective commitment to the teaching job and their turnover intentions. These factors shape their perceptions, skill development, and support networks, ultimately influencing their decision to pursue a career in teaching or consider alternative paths.

Contextual description of education in the Faroe Islands

This study was carried out in the Faroe Islands, an island group in the northern Atlantic Ocean between Scotland and Iceland that are an autonomous part of the Commonwealth of Denmark. According to the Home Rule Act of 1948, there is extensive internal self-government in the Faroe Islands. Teacher training has a special priority at the University of the Faroe Islands, because supplying

enough qualified teachers to local schools is extremely important for maintaining the Faroese language, which is spoken by an estimated 75,000–80,000 people³, primarily the nearly 55,000 inhabitants of the Faroe Islands (Statistics Faroe Islands, 2023), cultural distinctiveness (the Faroese have preserved a large part of their traditional culture) and the nation's ability to develop its economic prosperity and form of society through a democratic governance system.⁴

Folkeskolen and further education create knowledge prerequisites for maintaining and developing economic activity (Harryson, 2023b; Volckmar, 2019). Schools play an important role in Faroese society. Faroese is the mother tongue of those who grow up on the islands, but children also learn Danish at school. There are nine years of compulsory school (43 Folkeskole) for children aged 7 to 16 (7104 students, Government of the Faroe Islands, 2022; Vijayavarathan, 2022). In addition, all students have the right to continue into grade 10. Two upper secondary schools, folk high schools, a technical school and a business school provide further education. Basic and specialised education is provided for nurses, teachers and engineers at the university. The University of the Faroe Islands was established in 1965 and offers studies in a number of disciplines, but some forms of university education must be taken elsewhere, usually Denmark. In 2007, the Faroe Islands experienced what was colloquially termed a 'PISA shock' when the results of the Programme for International Student Assessment fell below the country's educational expectations (Matti, 2009). This led to significant changes in both the school system and teacher training.

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³ Since the Faroe Islands are part of the Kingdom of Denmark, this means that all Faroese are on paper Danish citizens. In July 2023, there were 54,522 people living in the Faroe Islands - of which 51,302 people were Danish citizens. That is 94.1 percent of the total population (Hagstovan, 2023). Faroese is the main language in the Faroe Islands, and the Faroe Islands have been (and remain) more monocultural than many of the neighbouring countries. But in the last decade, the number of foreigners has grown significantly on the islands - from 2.2 % in 2010 to 5.9 % in 2023 (Hagstovan, 2023).

⁴ In the executive order for teacher training, it is stated in Section 1, "that the purpose of the teacher training is to train primary school teachers in accordance with the current regulations for the Faroese primary school". And § 2 states, "that the Faroese university (Fróðskaparsetur Føroya) which offers teacher training in the Faroe Islands" (Barna- og útbúgvingarmálaðiráð, 2021). Section 35 of the Folkeskoleloven (1997) states that "to be able to work as a teacher in the Faroese folk school, one must have passed the teacher training course at the Faroese university or a Danish teacher training course". - This refers to section 35 subsection 2, where it says "that if you have a Danish teacher's training, you can take a supplementary course in Faroese before you get a permanent job in the Faroese primary school". It is the Faroese university that offers the supplementary course in Faroese. The course counts 15 ECTS, and a large majority of the participants are Faroese who have taken a teacher training course in Denmark. The course is offered every 3 years.

While the institution had been conducting research and teaching at the higher education level for several years, it had not enjoyed university status (Joensen, 1990). It was officially designated as a university in 1987, retaining its original Faroese name while adopting the international title the University of the Faroe Islands. As part of this evolution, in 2008, the institution responsible for teacher training underwent a transition from a standalone teacher training institute to becoming part of the University of the Faroe Islands. Teacher education was aligned with the university's formal structure, offering a bachelor's (Harryson, 2023b) degree program in a bid to enhance teacher professionalism (University of the Faroe Islands, 2022).

In 2021, the Faroese Ministry of Foreign Affairs and Culture initiated an independent review of the university. This review was conducted by a commission comprising members from neighbouring countries and other small nations. The outcome of the review deemed the University of the Faroe Islands to be 'working well', albeit with areas identified for potential improvement (Foley et al., 2022). The teacher training institution is continuously concerned with improving its performance (University of the Faroe Islands, 2022), and this article may contribute to the existing studies that can help in that process. In what follows, we elaborate on the theoretical framework for the study.

Theoretical framework

An adoption of organizational psychology and motivation theories provides a sound theoretical foundation for studying the commitment and motivation of employees in any field, also teacher education (Deci et al., 2017; Kanfer et al., 2017). These perspectives offer a structured approach to examining the intricate interplay between individual attitudes, organizational factors, and the overarching purpose of work. Further, the chosen theoretical perspectives align closely with the research objective of this study and allow for an exploration of the psychological and motivational factors influencing student teachers' commitment to their future profession.

Factors influencing long-term motivation for the teaching profession

A long-term motivation for the teaching profession and positive attitudes towards the teaching role are fundamental prerequisites for enduring teacher professionalism. There are valid reasons to believe that student teachers, to varying degrees, harbour long-term motivation and a forward-looking commitment to their future teaching roles (Goldstein & Lake, 2000; Hong, 2010). Commitment to one's profession is pivotal; employees in any field should possess attitudes and motivation that align with the purpose of their work (Day & Gu, 2010). A prime example of such commitment is a student teacher's enduring dedication to becoming a lifelong educator. It is challenging to envision how every situation encountered by teachers during their years in the classroom can

be distilled into clear instructions found in curriculum guidelines and employment contracts. Unlike the quality-assessed production used in manufacturing industries, gauging the quality of a teacher's performance is complex and nuanced. While schools and school systems may indirectly gauge a teacher's performance, evaluating a teacher's professional judgment and work is not conducive to direct measurements (Cohen & Goldhaber, 2016).

The strength of long-term motivation and positive attitudes may be shaped during teacher training, both in the campus-based components of the program and during internships, influencing long-term motivation and turnover intentions among student teachers (Rasmussen & Dorf, 2010).

Teacher education comprises a blend of on-campus courses and sessions of supervised teaching practice in schools. Many scholars contend that pre-service teachers' perceptions of the coherence between these components are vital in preparing them for their future roles as educators (Grossman et al., 2008; Hammerness, 2006). The present study operates under the assumption that positive experiences both on campus and during teacher training in the field will foster long-term motivation for teaching while reducing intentions to leave. The research conducted for this study aims to provide convincing evidence related to this premise. The study is designed to explore the statistical associations between campus-based and field experiences in teacher practice and pre-service teachers' commitment to teaching and their intentions to remain in the field.

The quality of compulsory school education is undeniably intertwined with the quality of teacher education. Numerous theoretical propositions and extensive empirical evidence consistently point to a positive connection between well-educated teachers and improved student learning outcomes (Boyd et al., 2009; Darling-Hammond et al., 2005; Feuer et al., 2013; Gansle et al., 2012). However, it is worth noting that the evidence supporting this assertion is a subject of controversy and sometimes marked by ambiguity (Mitchel & King, 2016), which arises because effectively assessing a teacher's performance is challenging: it requires considering indicators related to both students' academic achievement and their overall well-being.

The present study's focus aligns with global concerns regarding initial teacher education. Teacher retention and attrition have a significant impact on shaping the teaching workforce (Buchanan et al., 2013). Among the critical factors to consider are student teachers' attitudes towards their future profession, their commitment to it and their intentions to either remain in or leave the field. The long-term motivation and commitment of student teachers to become teachers over the long-term is paramount, as it influences their attitudes and motivation, which in turn affect the quality of their work (Bartlett, 2001; Khan et al., 2010). Since assessing a teacher's performance is not straightforward, having both pre- and in-service teachers maintain a positive attitude and motivation becomes even more crucial, and long-term motivation with a sense of dedication plays a vital role in shaping this attitude. Factors like a

positive relationship with the school organisation, enthusiasm for teaching and a sense of dedication combine to provide a foundation for high-quality educational practices (Day, 2004). In the following, we will present our hypotheses.

Deduction of hypotheses

Typically, student teachers start by observing a teacher's lessons and gradually progress to teaching segments or entire lessons themselves (Darling-Hammond et al., 2005). A school supervisor oversees these teaching sessions, which are often followed by supervision meetings with the pre-service teachers. Additionally, it is common for student teachers to engage in pre-lesson supervision in which they discuss and justify their lesson plans. Peer supervision and group supervision are part of the standard procedures.

Field placements play a positive role in retaining pre-service teachers. The nature of supervision sessions during field placements varies with the supervisor's perspective on their task. These sessions can be viewed as a combination of personalised formative feedback and theory-practice interaction. The humanistic approach in supervision focuses on the well-being of the student teacher and provides practical advice on teaching techniques. However, field placements' broader goal is to bridge the gap between theory and practice, equipping pre-service teachers with theoretically informed practical skills for lesson preparation, implementation and evaluation (Zeichner, 2010).

Mastery of the theory-practice relationship in professional programs like teacher education should serve as an inspiring challenge for pre-service teachers to learn through reflection on practical experiences, using theoretical concepts as lenses (Korthagen 2010). Supervisors are expected to assist student teachers in this practical synthesis, helping them understand the curriculum's practical relevance. Thus, supervision should emphasise educative supervision with a dual focus – allowing mentees to find supervision relevant in their classroom and bridging both theory-practice interaction and personalised formative feedback (Zeichner & Bier, 2012). Student teachers' perceptions of the relevance of theory to their professional practice depends on whether school supervisors link their content to the knowledge base created during the campus-based portion of teacher training (Korthagen, 2010). There is reason to believe that pre-service teacher practice can foster prospective commitment to teaching and reduce intentions to leave the profession.

Offering personalised formative feedback during supervision may enhance pre-service teachers learn and help them tackle the challenges they will face as educators. Further, we explore coherence in theory and practice (Grossman et al., 2008). We assume that the associations between campus experiences and field experiences are positively related (assumption).

Table 1 Overview of the hypotheses.

Hypothesis 1: A positive relationship between the perceived relevance of campus teaching and the long-term motivation of Faroese student teachers to pursue a teaching career.

Hypothesis 2: The perceived relevance of campus courses is negatively correlated with the intentions of Faroese student teachers to leave the profession.

Hypothesis 3: A positive connection between theory-practice and Faroese student teachers' long-term motivation to become teachers.

Hypothesis 4: A negative relationship between theory-practice and the intentions to leave among Faroese student teachers.

Hypothesis 5: A positive link between providing formative feedback during supervision and pre-service teachers' commitment to becoming teachers.

Hypothesis 6: A negative association between providing formative feedback during supervision and intentions to leave the profession.

Assumption: A positive association between student teachers' campus experiences and field experiences.

Empirical investigation

In the present study, we delve into the experiences of student teachers enrolled in a comprehensive four-year program for prospective compulsory school educators at the University of the Faroe Islands. We specifically homed in on how these student teachers perceived the various facets of the program, which comprises campus-based pedagogy courses and school-based practice, and how these perceptions influenced their long-term motivation and intentions to remain in or leave the profession. This analysis forms part of a larger research project exploring the preferences of Faroese student teachers, which is a component of a broader research initiative that collected data across all the Nordic countries.

Research design, methods and materials

A cross-sectional approach serves as an appropriate research strategy for investigating statistical associations when examining student teachers' long-term motivation and intentions to leave as the dependent variables. Our approach enables data collection from nearly the entire population of Faroese student teachers at a single time point. It proves particularly valuable when the research aims to assess the prevalence of a specific phenomenon or explore

relationships between variables at a particular moment. When exploring the statistical links between student teachers' long-term motivation and intentions to leave and other factors like on-campus and field experiences, a cross-sectional approach offers insights into these relationships. By gathering data from the entire population of student teachers at one time, researchers can analyse the relationships between dependent and independent variables. However, it is crucial to note that cross-sectional studies have limitations, such as their inability to establish causal relationships between variables. Consequently, it is imperative to employ other research strategies, such as longitudinal studies or randomised controlled trials, to further investigate the causal connections between student teachers' long-term motivation, intentions to leave (or remain in) the profession, and other factors.

The empirical investigation in this study involved conducting a survey at the only teacher education program in the Faroe Islands. The survey questionnaire was designed in Faroese. Participation in the survey was voluntary, but a notably high percentage of student teachers enrolled in the four-year teacher education program chose to complete the anonymous, paper-based survey. These participants represented various cohorts at the University of the Faroe Islands and took traditional campus-based classes with in-person sessions. The survey was designed to capture students' reflections on the relevance of their studies during the practice period, their interactions with practice supervisors and related experiences. A total of 105 student teachers took part for an impressive response rate of 93%. While the number of participants is low in absolute terms, but we have data from the entire population and can thus perform various types of descriptive analyses, calculate population statistics and draw conclusions directly from the population data without the need for testing hypotheses.

Measurement instruments

To construct our questionnaire, we drew from existing measurement instruments in the literature and incorporated recent developments (Haladyna & Rodriguez, 2013). The questionnaire was shaped by instruments related to turnover intentions from Kuvaas (2007) and long-term motivation with a sense of emotional dedication called 'affective commitment' by Allen and Meyer (1990). We translated the questionnaire into Faroese from Danish with minimal alterations. In the survey, student teachers responded to items on a seven-point Likert scale, with four as a neutral midpoint. Internal consistency for each concept was strong, with Cronbach's alpha values ranging from 0.69 to 0.88 (see Table 1).

The mean of long-term motivation (ID) is quite high, while that of turnover intention (TI) is quite low. This means that the long-term motivation is very strong among Faroese student teachers and that intentions to leave the profession are very low. However, the descriptive statistics (table 2) show that

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the responses to the individual items on turnover intention (TI) vary from one to seven. This means that some student teachers are actually thinking about ending their studies.

Table 2
Overview of constructs, abbreviations, items, two independent and two dependent variables and descriptive statistics

Var (w)	Wordings	Min	Max	Mean	SD	Skew	Kurt	Alpha
ID								0.78
w3	I feel attracted to becoming a teacher	1.00	7.00	5.11	1.36	-0.35	-0.23	
w4	It feels good to think that one day I will be	2.00	7.00	5.87	1.19	-1.05	0.83	
	a teacher I am looking forward to working as a	2.00	7.00	3.07	1.17	1.05	0.05	
w5	teacher	1.00	7.00	6.04	1.22	-1.61	3.03	
TI								0.88
w56	If I find a well-paid job after my teacher training, I will not work as a teacher	1.00	7.00	3.43	1.81	0.24	-0.95	
w57	I often think about career possibilities other than becoming a teacher	1.00	7.00	3.50	1.96	0.33	-1.09	
w58	If I could go back and choose again, I would choose something other than teacher training	1.00	7.00	2.27	1.45	1.10	0.58	
w59	Other careers are more attractive to me than becoming a teacher	1.00	7.00	2.91	1.64	0.67	-0.24	
PP								0.69
w35	In on-campus courses, I am given practical examples from actual teaching	2.00	7.00	5.45	1.28	-0.67	-0.17	
w38	The connection between educational theory and practice is made clear in on-campus classes	1.00	7.00	4.89	1.48	-0.50	-0.15	
IS								0.86
w45	In practice periods, I discuss with my supervisors how the subject matter can be	1.00	7.00	4.08	1.65	-0.32	-0.89	
w46	applied in developing my teaching practice In practice periods, I discuss real-world experiences with my supervisors in light of what we have learned so far	1.00	7.00	4.03	1.57	-0.20	0.80	
SS								0.84
w51	Supervision meetings at practice schools help me understand what I need do to improve as a teacher	1.00	7.00	4.97	1.63	-0.86	-0.12	
w53	Supervisors at practice schools give me clear and direct feedback about where I	1.00	7.00	4.56	1.88	-0.54	-0.85	
w54	stand Feedback from supervisors at practice schools is in close accordance with what I have actually achieved	1.00	7.00	5.52	1.33	-1.19	1.42	
w55	Feedback from supervisors at practice schools makes clear what is expected of me as a pre-service teacher	1.00	7.00	4.91	1.49	-0.73	0.23	

Analysis

We employed structural equation modelling (SEM) to explore the relationships between the variables due to its suitability for confirmatory factor analysis and path analysis. SEM is a statistical method used in research and data analysis to examine and quantify relationships between variables in a theoretical model. It provides a visual representation of dependent and independent variables about how different constructs are interconnected and how they collectively influence the observed data.

SEM combines elements of factor analysis and multiple regression analysis to allow researchers to test complex hypotheses about the relationships among manifest (observed) and latent (unobserved) variables. SEM is used to test whether a hypothesised model that represents a theory about how variables are related fits well with the observed data; that is, SEM helps researchers determine whether the model fits the data satisfactorily. The evaluation of the model-data fit relied on several indices, including the root mean square error of approximation (RMSEA), normed fit index (NFI), goodness-of-fit index (GFI) and comparative fit index (CFI).

These indices indicate how closely a model aligns with the data. A model is considered a good fit if p-Chi > 0.05, RMSEA is less than 0.05, and NFI, GFI and CFI all exceed 0.95, while an acceptable fit is indicated by p-Chi > 0.05, RMSEA less than 0.08 and an NFI, GFI and CFI greater than 0.90 (Kline, 2005). We conducted measurements and estimated structural models using IBM SPSS Amos 27.

The values presented in Figure 1 demonstrate an acceptable or nearly acceptable fit. However, the values discussed in the next section suggest that the structural model approached the outer boundary of acceptable fit. Specifically, the RMSEA value of 0.049 signified an acceptable fit, the NFI value of 0.877 indicated near acceptability, the GFI value of 0.896 showed an acceptable fit, and the CFI value of 0.971 indicated a very good fit.

Results

In Structural Equation Modelling (SEM), path coefficients estimate the strength and direction of relationships between variables in a model. These coefficients indicate how much one variable influence another, as represented by the numbers on the arrows in Figure 1. For example, a path coefficient of 0.22 from perceived relevance of campus teaching (PP) to long-term motivation to become a teacher (ID) suggests that when students experience campus teaching as relevant, they are more likely to have a relatively high degree of motivation to become a teacher in the long-term (Hypothesis 1). The opposite is also true, with lower levels of relevance leading to lower motivation.

The causal direction of these relationships can go in either direction, and while we lack empirical evidence to determine cause definitively, it is plausible

that positive experiences with relevant campus teaching lead to higher motivation to become a teacher. A negative loading of -0.18 exists between perceived relevance (PP) and short-term interest in teaching (TI) (Hypothesis 2).

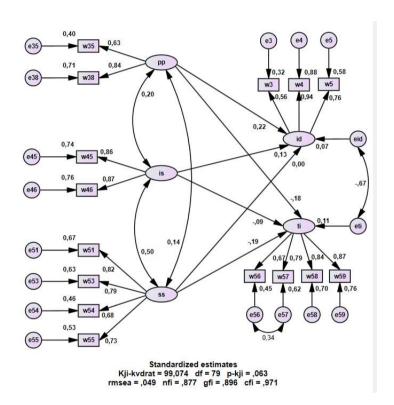
While the relationships between the experience of linking theory to practical experiences are somewhat weaker, they still exist. The path coefficient between theory-practice links (IS) and long-term motivation to become a teacher (ID) is 0.13 (Hypothesis 3), while the path coefficient between IS and short-term interest in teaching (TI) is -0.09 (Hypothesis 4).

Personalized support from supervisors (SS) showed no correlation with long-term motivation (ID) but exhibited a negative correlation (-0.19) with short-term interest in teaching (TI) Hypothesis 5 is not supported, while H6 is. This may be due to the relatively short practicums included in the Faroese program, with students having only 50 hours of internships per year over three years and 30 hours in the fourth year. This relatively short time may mean that school supervisors play a minor role as role models for Faroese student teachers: the internships are 18 study weeks and a total of 180 hours distributed over the 4 study years (Námsskipan fyri útbúgvingina til fólkaskúlalærara, 2022).

It is interesting to note that there are positive statistical associations between student teachers' perceptions of campus teaching quality and the two distinct quality dimensions of practical training. The path coefficient between perceived relevance of campus teaching (PP) and theory-practice links (IS) is 0.20, while the path coefficient between PP and personalized support from supervisors (SS) is 0.14. These findings suggest coherence between how teacher students perceive the efforts of campus staff and practice mentors in realising the program's goal, and this suggests that stakeholders in the Faroe Islands teacher education program are working towards the same fundamental aims. There is a need for further research to explore how various roles within teacher education work together to achieve the program's overarching goals.

Figure 2

The structural model shows the theoretical relationships and connections between latent and observed variables and their respective measurement errors. It provides a visual representation of hypotheses about how different constructs are interconnected and how they collectively influence the observed data.



Discussion

The purpose of this study was to investigate how Faroese student teachers' perceptions of their experiences on campus and in the field are linked to their long-term motivation to become teachers and their intentions to remain in or leave the field. Structural equation modelling revealed that student teachers' perceptions of the relevance of campus teaching is positively correlated with their long-term motivation to become teachers and negatively related to their intentions to leave.

Exploring the factors associated with the long-term motivation of Faroese student teachers for their profession is of paramount importance. This study has investigated the interplay between long-term motivation, intention to remain in

or leave the teaching profession, and the experiences of Faroese student teachers during their on-campus and field training. We have data from virtually the entire population, ⁵ which is why we do not need to rely on hypothesis testing to draw conclusions about population parameters.

First, our analysis reveals that the relevance of the campus-based component of teacher education positively influences long-term motivation and simultaneously reduces intentions to leave. These findings underscore the significance of teacher education programs in the Faroe Islands.

Second, our study highlights that the school-based segment of teacher education positively correlates with long-term motivation—a promising discovery. It is noteworthy that the perceived relevance of the school-based portion of teacher education also seems to impact turnover intentions.

Personalised support from supervisors appears to constrain turnover intention but does not nurture long-term motivation, while theory-practice interaction appears to influence long-term motivation. The negative relation between theory-practice interaction and intentions to leave is very weak. These outcomes are intriguing and warrant further investigations to better comprehend the nature of field experiences in teacher education. Conducting a qualitative follow-up study to explore the current landscape and its implications for commitment and turnover intentions is advisable.

We do not assert causation between the explanatory factors and the outcomes, but these empirical relationships are intriguing and suggest that enhancing the quality of teacher education at the University of the Faroe Islands might affect teacher retention and attrition rates. Improving the relevance of the educational theory courses can be achieved by integrating on-campus material into teaching practices (Korthagen, 2010). Other strategies that bridge theory and practice to cultivate the necessary teaching skills in pre-service teachers should also be explored (Korthagen et al., 2001).

It should be noted that there is no strict demarcation between on-campus and field experiences in teacher training. Developing the competencies of teacher educators to emphasise the practical relevance of teacher training is one option, although it is controversial (Zeichner, 1992, 2010). There remains an open question as to whether a more pragmatic and concrete approach to planning, executing and assessing teaching could foster long-term motivation among student teachers. Faroese practice schools typically have well-prepared supervisors who take their roles seriously, although there may be some variability among schools.

Teacher training is not unique in having both practical and theoretical components. For example, nurse training involves both campus-based education

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⁵ The response rate was 93%. With other words, 7% were on sick leave or absent for other reasons. We have no indications that the few absentees were systematically different from those who responded.

and practical training in real-world healthcare settings. However, nurse training benefits from a common professional language used both on campus and in the field (Paganin et al., 2008). By contrast, teacher training faces the challenge that practice supervisors in schools may not always use the same professional language that is employed in institutional teacher training on campus, leading to potential difficulties in coherence and integration between theory and practice (Joram, 2007). While some improvements have been made in fostering partnerships between the university and schools, challenges in this regard still persist. Expanding the literature on the effectiveness of teacher preparation and its potential correlation with long-term motivation to become a teacher could help enhance teacher training and reduce turnover costs for school districts (Schleicher, 2011).

Strengths, limitations and avenues for research

Structural equation modeling (SEM) was advantageous in endeavour with this article for several reasons: First, SEM allowed us to examine the complex relationships between different variables we used simultaneously. It explored both direct and indirect effects, enabling a comprehensive understanding of the relationships among variables within the Faroese context. Traditional methods like regression analysis and descriptive statistics do not adequately capture these complexities. Further, SEM allowed us to model the latent variables reported in our article in addition to observed variables. This is particularly useful in our research approach where latent constructs were of interest. SEM enabled us to understand how these constructs interact and influence one another, offering a more nuanced understanding of phenomena which we investigated. Third, SEM helps us evaluate the theoretical framework we used. By specifying relationships between variables and comparing the fit of the model to the observed data, we use these results to assess the validity of the theoretical framework. Further, SEM allowed us to account for measurement error in the model. We recognize that observed variables may have measurement limitations, and thus, provides a means to estimate the true values of latent constructs more accurately. By factoring in measurement error, SEM provides a more robust analysis, reducing potential bias in the estimation of relationships. Overall, the advantages of SEM in educational research lie in its ability to capture complex relationships, account for measurement error, model latent constructs, test theories, and integrate multiple data sources. These benefits make SEM a valuable tool for understanding educational processes which are measured in our article.

As with all research, the present study has certain limitations, including its parsimonious modelling approach and reliance on cross-sectional methodology. At the same time, these limitations can serve as a foundation for future research. While we opted for a quantitative approach to explore the factors influencing

student teachers' long-term motivation and turnover intentions, there is room for more extensive exploration that involve qualitative approaches. However, it is important to highlight that there has been relatively limited quantitative research conducted on student teachers' long-term motivation for the teaching profession and turnover intentions, leaving us without a sufficiently robust empirical foundation in this area.

Another limitation pertains to the reliance on self-reported questionnaire data, which inherently have an element of subjectivity. While independent assessments could offer valuable insights into employee performance (Boxall & Purcell, 2011), ensuring anonymity during such assessments can be challenging. Additionally, we were unable to complement student teachers' self-reported data with objective performance-related metrics.

Several initiatives have been implemented at the University of the Faroe Islands to improve its teacher education program. Investigating the impact of these efforts, such as fostering commitment to the teaching profession and support for students, could be a valuable avenue for further research.

Additionally, exploring how perceptions of the social status of teachers in the Faroe Islands influence students' interest in pursuing teaching as a career is another intriguing avenue. Understanding the societal respect and valuation of the teaching profession could reveal important insights that can be applied to improve the area's sole teacher training program.

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