Modals in Kîîtharaka

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Language name: Kîîtharaka

ISO 639-3: thk

Glottolog: thar1283

Consultant demographics: A speaker of the îgoki dialect of Kîîtharaka (mostly spoken in

Chiakariga sub-county). They also speak Kiswahili.

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BODY OF THE QUESTIONNAIRE

A. EPISTEMIC

A1 Epistemic Necessity

Target: epistemic vs. deontic necessity.

(3) and (4) target only epistemic necessity.

(1) Ben goes swimming every day. Ben is not obliged or required to go swimming; it is just a habit of his. It is now time for Ben to be swimming... so Ben MUST be swimming (right now).

Ben	n'wa	mwanka	wiîgue	akîbutagîra	thaa	ino.
Ben	ni-wa	mû-anka	wiîgue	a-kî-buut-ag-îr-a	thaa	ino
Ben	foc-MOD	3-MOD	be	1sm-situation-swim-hab-appl-fv	time	these1

• Can start with *n'wa mwanka*:

N'wa	mwanka	wîgue	Ben	akîbuutagîra	thaa	ino.
Ni-wa	mû-anka	wîgue	Ben	a-kî-buut-ag-îr-a	thaa	ino
Foc-MOD	3-MOD	be	Ben	1sm-situation-swim-hab-appl-fv time		these

¹ Sm = subject marker; hab = habitual; appl = applicative; fv = final vowel; sbjv = "subjunctive" marker; foc = focus

- Natural as a response to "What is Ben doing right now?"
- (2) You know that John goes to school at 9am every day. You look at the clock and see it is 9am, therefore John MUST be at school.
- (3) The math teacher says: The ball is in A or in B or in C. It is not in A. It is not in B. So, it MUST be in C. Adapted from von Fintel & Gillies 2007.

N'wa	mwanka	wîgue	mû-biira	û-ri	<i>C</i> .
Ni-wa	mû-anka	wîgue	mû-biira	û-ri	C
Foc-MOD	3-MOD	be	3-ball	3sm-be	C

- (4) Tim is calling for his dog. The dog is not coming. Tim looks for the dog in the kitchen, bedroom, living room, (in every room in the house) but the dog is not in any of those rooms. Therefore, Tim thinks/concludes that the dog MUST not be in the house.
 - Not elicited

A2 Epistemic Weak Necessity

Target: epistemic weak necessity vs. deontic weak necessity

- (6) is also compatible with testing for epistemic possibility.
- (5) You know that Ann goes hiking from 7am until 8am every day. Most of the time Ann goes to the lake, but sometimes she goes to the mountains. It is now 7:30am. You say to your friend: Ann SHOULD be at the lake right now.

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Ann a-ûmba kû-îgua a-rî î-ria-ni.
Ann 1sm-MOD inf-be 1sm-be 5-lake-loc
"It is likely that Ann is at the lake"
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- (6) (Imagine that) you used to live in Goa. You are not living in Goa anymore. You notice how different the weather is in the UK, where you live right now. You know that it often rains in Goa, especially in the afternoon, but not necessarily every day. Now it's the afternoon, so you think it SHOULD be raining now in Goa.
 - Not elicited
- (7) When the light is on at Mary's house, it usually means that she is home. You want to visit Mary. You walk past Mary's house and notice that the light is on. However, there is no car in the driveway. You think to yourself: Mary SHOULD be at home, but it's not certain.
 - Not elicited

Additional sentence elicited

 $M\hat{u}$ -arim \hat{u} n'-wa- \hat{u} mbe $k\hat{u}\hat{u}$ -y-a.1-teacherfoc-MOD-MODinf-come-fv

A3 Epistemic Possibility

Target: epistemic possibility vs. epistemic necessity

(11) targets epistemic possibility vs. deontic possibility

(8) The teacher is not consistent. The students never know if he's going to come or not to teach class. Today, it's time to start class and the students are waiting again. He MIGHT be coming to school today.

Mwarimu **n'wa**ye kana ataaye. Mû-arimû n'-**wa**-y-e kana a-ti-y-e

1-teacher foc-MOD-come-fv or 1sm-neg-come-fv.subj

N'-wa wigue mû-arimû a-ka-y-a, kana a-ti-y-a.

foc-MOD be 1-teacher 1sm-fut-come-fv or 1sm-neg-come-fv

- (9) Grace is looking for her necklace. She looks in her wardrobe and on top of the wardrobe. It's not there. She looks on top of the TV. It's not there. She looks in her backpack. It's not there. Wait! She didn't check her sister's wardrobe yet. Grace's necklace MIGHT / #must be lost.
 - Not elicited
- (10) Charles is looking for his pet cat, but cannot find it. He knows that his cat is very elusive/mysterious. Charles tells his sister:

The cat MAY be inside. The cat MAY also be outside.

(The task is not only to translate these two sentences individually, but to keep in mind the sequencing i.e., these sentences are not to be used in isolation).

Kabaka n'wa wîgue karî nyomba, ûkeegua karî kana nja. Ka-baka ni-wa ka-rî ny-omba û-ka-îgua ka-rî n-ja u-îgue kana 12-cat foc-**MOD** 12-be 9-house ?-sit-be 12-be be or 9-outside

- (11) Daniel lives in London and his friend has recently moved to New York. Daniel's parents told him that he is not allowed to go and see his friend in New York because it is too far away. You heard that Daniel is leaving London next week but you don't know where he will go. Daniel usually does things that he is not permitted to do. You think Daniel MAY / MIGHT / #is allowed to go to New York.
 - Not elicited

[&]quot;The teacher is likely to come."

[&]quot;The teacher may come or not."

[&]quot;The cat may be inside or outside." (50/50)

Additional sentence elicited:

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Ann n'wa wîgue a-rî î-ria-ni.
Ann foc-MOD be 1sm-be 5-lake-loc 'Ann may be in the lake.'
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A4 Epistemic Non-necessity

(7') When the light is on at Mary's house, it usually means that she is home. You want to visit Mary. You walk past Mary's house and notice that the light is on. However, there is no car in the driveway. You think to yourself: Mary should be at home, but it is NOT NECESSARILY THE CASE THAT she is / she MAY NOT be / it is NOT CERTAIN that she is.

T' wa	mwanka	wîgue	Mary	arî mûciî.
Ti-wa	mû-anka	u-îgue Mary	a-rî	mû-ciî
Neg-MOD	3 -MOD	?-be	Mary	1sm-be 3-home

Ti racima wîgue Mary arî mûciî.

• (racima loaned from Swahili lazima)

A5 Epistemic impossibility

(1') Ben goes swimming every day. Ben is not obliged or required to go swimming; it is just a habit of his. It is now time for Ben to be swimming... so Ben CAN'T be at home.

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Benatiûmbakwîguaarîmûciî.Bena-ti-ûmbakû-îguaa-rîmû-ciîBen1sm-neg-MOD inf-be1sm-be 3-home
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# Ben atigakare mûcii.
Ben a-ti-ka-kar-e mû-ciî
Ben 1sm-neg-fut-stay-fv.sbjv 3-home
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Follow-up: What would be the translation of the sentence "Ben is not at home"?

Ben atirî mûciî.
Ben a-ti-rî mû-ciî
Ben 1sm-neg-be 3-home
'Ben is not at home.'

(3') The math teacher says: The ball is in A or in B or in C. We opened box A, and the ball is there. There is only one ball. So, it MUST NOT / CAN'T be in C.

Mûbiira	ûtiûmba	kwîgua	ûrî	<i>C</i> .
Mû-biira	û-ti- ûmba	kû-gua	û-rî	C
3-ball	3sm-neg-MOD	inf-be	1sm-be	C

B. DEONTIC

B1 Deontic Necessity

Target: deontic necessity

(12) In Indonesia, the law states that when you ride a motor bike... You MUST wear a helmet.

N'wa	mwanka	wîkîre	elmeti.
Ni-wa	mû -anka	û-îkîre	elmeti
foc-MOD	3- MOD	1sm-wear	helmet

- (13) You are going to visit your friend in the hospital. When you enter into the hospital, you stop at the information desk to inquire what room your friend is in. But the woman at the information desk tells you that you can't visit your friend now because it's already 8pm. She says, "I'm sorry, the hospital regulations say that... Visitors MUST leave by 6pm."
 - Not elicited

B2 Deontic Weak Necessity

Target: deontic weak necessity

- (16) Your friend is having a birthday party. She tells you that she would like it if everyone invited wore formal clothes, but that it is not necessary to wear formal clothes to attend. You think to yourself... I OUGHT TO wear formal clothes to the party.
 - Not elicited
- (17) Your friend tells you that the rules of the restaurant state that employees must wash their hands after going to the bathroom. You reply to your friend:... Non-employees OUGHT TO wash their hands too!
 - Not elicited
- (18) In England, it is recommended that face coverings be worn in stores, but it is not a legal requirement. You plan on going shopping, and you think to yourself... I OUGHT TO wear a face covering.

I	vîkîra elmeti.
Ni	-îkîra elmeti
Foc	f-wear helmet
Foc	

[&]quot;I am supposed to wear a helmet."

B3 Deontic Possibility

Target: deontic possibility vs. deontic necessity

(22) and (23) target deontic possibility vs. circumstantial possibility

- (19) The ferris wheel ride is only for children under 12 years of age. Martin is 10 years of age. It is not obligatory for Martin to go on the ride if he doesn't want to. Martin MAY / #must ride the ferris wheel.
 - Not elicited
- (20) According to the rules of the hospital, only family members are allowed to enter the patient's room during visiting hours. You came to visit your sister, but it was after visiting hours. But the really nice nurse says... You MAY enter.

N'wa ûthûngîre. Ni-wa û-thûngîr-e

Foc-**MOD** 1sm-enter-sbjv.fv

"You may/can enter."

N'okathûngîra. Na-û-ka-thûngîra With-1sm-**sbjv**-enter "You can enter" "(I will) let you enter"

Translation of "You enter (the hospital).":

Thûngîra.

Thûngir-a

Enter-fv

"Enter."

N'athûngîre.

Ni-a-thûngir-e

Foc-1sm-enter-fv.sbjv

"Let him enter."

(21) You are making plans for tomorrow night to meet up with your friend. Your friend says:

You can stay overnight and you can go home.

You can stay overnight. You can also go home.

N'**wa** ûraare, kana ûkeenûka. Ni**-wa** û-raare kana û-ka-înûka

Foc-MOD 1sm-spend.the.night or 1sm-sbjv-go.home

- (22) Alice fell down the stairs and broke her arm a while ago. She hasn't been lifting her baby while her arm was hurt because the baby is heavy. Finally, she has recovered, and she went to the doctor for a final check-up. The doctor gave her permission to lift her baby. But when she got home after her visit to the doctor, Alice found that she is still too weak to lift her baby... Alice CAN lift her baby.
 - Not elicited
- (23) Beth's teacher told her class that it was okay to go swimming, but Beth doesn't want to because she cannot swim! Beth CAN go swimming.
- i.e. Beth COULD go swimming, Beth is ALLOWED/PERMITTED to go swimming, but she can't swim.
 - Not elicited

B4 Deontic non-necessity

(16') Your friend is having a birthday party. She tells you that she would like it if everyone invited wore formal clothes, but that it is not necessary to wear formal clothes to attend. You think to yourself... I ought to wear formal clothes to the party, but I DON'T HAVE TO / NEEDN'T wear formal clothes.

Ti racima.
neg MOD

T'wa mwanka.
Ti-wa mû-anka
neg-MOD 3-MOD

Full sentence ("I don't have to wear formal clothes."):

Ti racima wîkîrenguociaûbici.Ti racima û-îkîr-en-guoci-aû-bicineg MOD 2sg.sm-wear-sbjv10-clothes10-Connector14-office

T'wamwankawîkîrenguo cia ûbici.Ti-wamû-ankaû-îkîr-en-guo ci-a û-bici

neg-**MOD** 3-**MOD** 2sg.sm-wear-sbjv 10-clothes 10-Connector 14-office

- (18') In England, it is recommended that face coverings be worn in stores, but it is not a legal requirement. You plan on going shopping, and you think to yourself... I OUGHT TO wear a face covering, but I DON'T HAVE TO / NEEDN'T.
 - Not elicited

[&]quot;Not a must that you wear official clothes."

[&]quot;Not a must that you wear official clothes."

B5 Deontic impossibility

(12') In Indonesia, the law states that when you ride a motor bike... You MUST NOT / MAY NOT ride a motor bike without a helmet.

Ûtikathiithie	bikibiki	ûtarî	na	elmeti.
Û-ti-ka-thiith-i-e	bikibiki	û-ti-rî	na	elmeti
1sm-neg-fut-ride-ic-fv.sbjv	motorbike	1sm-neg-be	with	helmet

Translation of "You are not riding a motorbike without a helmet.":

Ûtikûthiithiabikibikiûtarî na elmeti.Û-ti-kû-thiith-i-abikibikiû-ti-rîna elmeti1sm-neg-pres-ride-ic-fv motorbike1sm-neg-bewith elmeti"You are not riding a motorbike without a helmet."

(13') You are going to visit your friend in the hospital. When you enter into the hospital, you stop at the information desk to inquire what room your friend is in. But the woman at the information desk tells you that you can't visit your friend now because it's already 8pm. She says, "I'm sorry, the hospital regulations say that... Visitors MUST NOT / MAY NOT stay after 6pm."

Ageni	batigakinyithie	thaa	kûmi	na	ciîrî	gûkû.	
A-geni	ba-ti-ka-kiny-ith-i-e	thaa	kûmi	na	ci-îrî	kû-kû	
2-visitors	2sm-neg-fut-reach-caus-ic-fv.sbjv	hours	ten	and	10-two	17-in.here	
"Visitors should not be here after 6:00pm."							

• *Ti umba* is not felicitous here.

Translation of "Visitors aren't here after 6pm." / "Visitors don't come here after 6pm.":

Ageni batiîjaga aaga nyuma ya thaa kûmi na ciîrî.
A-geni ba-ti-ja-ag-a a-ga nyuma ya thaa kûmi na ci-îrî
2-visitors 2sm-neg-come-hab-fv 16-dem.prox after 5-conn hour twelve
"Visitors don't come here after 6:00pm."

...batikinyithagia... Ba-ti-kiny-ith-ag-i-a 2sm-neg-reach-caus-hab-ic-fv

C. TELEOLOGICAL

C1 Teleological Necessity

Target: teleological necessity

(24) There is only one main road from Location A to Location B... If you go from Location A to Location B, you HAVE TO take this road.

N'wa ûthiire barabara îno. Ni-wa û-th-ire barabara î-no

Foc-MOD 1sm-go-pfv road 9-dem.prox

Cf. the following is a possibility statement. It is infelicitous in 24:

#N'wa ûthi barabara îno. Ni-wa û-thi barabara î-no

Foc-MOD 2sg.sm-go road 5-dem.prox

N'wa mwanka ûthi barabara îno. Ni-wa mû-anka û-th-i barabara î-no

Foc-MOD 3-MOD 1sm-go-fv road 9-dem.prox

(25) Team A are playing in a tournament/competition/championship. In order to advance... Team A HAS TO beat Team B.

Team A n-'wa î-tur-ire Team B.
Team A Foc-MOD 5sm-beat-pfv Team B

TeamAn-'wamwankaî-tur-ireTeamB.TeamAFoc-MOD3-MOD5sm-beat-pfvTeamB

- (26) The best pizza in town is sold at Gino's. You have invited your sister for dinner, and you decide to order pizza. You tell your sister: We HAVE TO order from Gino's to eat the best pizza.
 - Not elicited

[&]quot;You must follow this road."

[&]quot;You can use this road."

[&]quot;You must follow this road."

C2 Teleological Weak Necessity

Target: teleological weak necessity

(27) There are different ways to get to the shopping centre. You can go by foot, by tram/horse-carriage/truck/train/bus/public van, or drive/motorcycle/bicycle yourself. You are not sure how to go. Your friend advises you to get the bus because it is cheaper... To get to the shopping centre, you SHOULD take the bus.

N'atûmîre mbasi.

N-a-tûmîr-e m-basi
Foc-1sm-use-fv 9-bus
"Let him/her use a bus."

N'agatûmîra mbasi. N-a-ka-tûmîr-a m-basi Foc-1sm-sbjv-use-fv 9-bus

- (28) There are 3 ways to get to the seaside: a direct road, taking smaller roads, or a combination. Your friend says that taking the smaller roads is very beautiful. According to him, you SHOULD go via the smaller roads.
 - Not elicited
- (29) Your friend wants to buy a new shirt for her job at a reasonable price. There are many nice shops for professional clothes in the area, and you work at one of them and think it offers good prices. You say: You SHOULD go to my shop to buy a new shirt.
 - Not elicited

C3 Teleological Possibility

Target: teleological possibility

(30) There are two different ways to get to the mountains from the city centre. Way 1 is inland and way 2 goes around via the coast. Both take around 7 hours by bus and they are equally beautiful... You CAN take way 1.

N'waûtûmîrembasikanabaisikiri.Ni-waû-tûmîr-em-basikanabaisikiriFoc-MOD2sg.sm-use-fv.sbjv9-busor9.bicycle

• Comment: without *n'wa* we don't get the "can" meaning, it's more like an instruction

Translation of "You use a bus (to get to the city centre).":

[&]quot;S/he can use a bus."

[&]quot;You can use a bus or a bicycle."

Arîtûmîra mbasi. A-rî-tûmir-a m-basi 1sm-be-use-fv 9-bus "S/he is using a bus."

- (31) There are two swimming pools in the town with the exact same design and both are an equal distance from your house. You plan to go swimming later on but have no specific desire for which pool to go to. You tell your sister... We CAN go to the swimming pool to the west.
 - Not elicited
- (32) Your friend wants to buy a new shirt for her job. Since there are many nice shops for professional clothes in the area, you say... You CAN go to this boutique.
 - Not elicited

C4 Teleological non-necessity

(27') There are different ways to get to the shopping centre. You can go by foot, by tram/horse-carriage/truck/train/bus/public van, or drive/motorcycle/bicycle yourself. You are not sure how to go. Your friend advises you to get the bus because it is cheaper... To get to the shopping centre, you should take the bus, but you DON'T NEED TO / NEEDN'T do so.

T'wa	mwanka	ûtûmîre	mbasi.
Ti-wa	m û-anka	û-tûmîr-e	m-basi
neg-MOD	3- MOD	2sg.sm-use-f	fv.sbj 9-bus

[&]quot;Not a must that you use a bus."

Ti racima ûtûmîre mbasi.
Ti racima û-tûmîr-e m-basi
neg MOD 2sg.sm-use-fv.sbj 9-bus
"Not a must that you use a bus."

C5 Teleological impossibility

(24') There is only one main road from Location A to Location B... If you are going from Location A to Location B, you CAN'T take another road.

[&]quot;You don't use another path to go to B."

• *Ti umba* can be used as well:

ÛtiûmbagûtûmîranjîrayîngîkûthiB.Û-ti-ûmbakû-tûmîr-an-jiraî-ngîkû-thiB2sg.sm-neg-MODpres-use-fv9-path5-other15-goB"You can't use another path to go to B."

Ûtigatûmîre njîra yîngî kûthi B. Û-ti-ka-tûmîr-e n-jîra î-ngî kû-thi B 2sg.sm-neg-fut-use-fv.sbj 9-path inf-go to B "You shall not use another path to go to B."

• Comment: not felicitous in the given context... suggests that there is another road, but sb. advises you to not to take another road. Translation: "You don't use another path to go to B."

(25') Team A are playing in a tournament/competition/championship. In order to advance... Team A CAN'T lose to Team B.

D. CIRCUMSTANTIAL

D1 Circumstantial Necessity

Target: circumstantial necessity; (35) with inanimate subject

- (33) You are on a bus. You have not had a chance to go to the toilet for 4 hours, and your bladder is full. You text your friend... I HAVE to pee so badly!
 - Not elicited
- (34) In the middle of a conversation, you feel a sneeze coming on... Excuse me! I HAVE to sneeze.

N'wa (mwanka) mbathimûrire.Ni-wa (mû-anka) ni-bathimûr-ireFoc-MOD 3-MOD 1sg.sm-sneeze-pfv

"I must/have to sneeze."

- (35') Water is entering a pipe, which has two outputs: the left output and the right output. But, you know that the left output is blocked. And the water is coming out from the right output. You say: the water must come out from the right output.
 - Not elicited

D3 Circumstantial Possibility

Target: (36) & (37) circumstantial possibility vs. epistemic possibility (38) circumtantial possibility

(39) & (40) circumstantial possibility vs. deontic possibility

(36) Ani came to visit a small island in the Philippines. She noticed that the climate and many of the plants are similar to some places she visited in Indonesia. The temperature is the same, the rainfall is the same, the types of rocks and the soil are the same. But when she looked around, she didn't find any *duku* trees anywhere. But because the temperature, rainfall, and soil are the same, she thinks that... *duku* trees CAN grow here.

Mîtî	ya	duku	n'wa	îkûre	Indonesia.		
Mî-tî	ya	duku	ni-wa	î-kûr-e	Indonesia		
4-trees	of	duku	foc-MOD	5-grow-fv.sbj	Indonesia		
"Duku trees can grow in Indonesia."							

Translation of "Duku trees grow in Indonesia.":

Mîtî ya Duku nîkûraga Indonesia. Mî-tî î-a Duku ni-î-kûr-ag-a Indonesia 3-trees 5-conn Duku foc-5-grow-hab-fv Indonesia "Duku trees grow in Indonesia."

(37) Amy knows how to make traditional Italian pasta. Now Amy is back in the country she lives in, and she wants to make traditional pasta, but the right kind of ingredients are not sold where she lives. So, she is unhappy because she wanted to show her parents how to make traditional pasta... Amy CAN make traditional Italian pasta (but she does not have the ingredients).

Kirimi	n'waruge	chapati indî	atirî	na	into	bia	kûruga.
Kirimi	ni-wa-ruge	chapati indî	a-ti-rî	na	i-nto	bi-a	kû-ruga
Kirimi	foc-MOD-cook	chapati but	1sm-neg-be	with	8-thing	s 8-of	15-cook
"Kirimi can cook chapati but, unfortunately, he doesn't have the ingredients."							

The following is infelicitous in the context:

Kirimi n'akaruga chapati. Kirimi ni-a-ka-ruga chapati Kirimi with-1sm-sbjv-cook chapati "Let Kirimi cook chapati"

(38) Ben was in a motorbike accident 3 weeks ago, and he sprained his ankle. Ben is able to walk now. However, the doctor told Ben that he is not allowed to walk until 5 weeks after the accident... Ben CAN walk now.

- Not elicited
- (39) Paul is quite old now, but he is still strong. His children are scared he will hurt his back if he does any intense labour, so they told him that he is forbidden to lift heavy things. But one day, his friend Rob asked to help him in the field, because Rob knows Paul is still strong. So when Rob saw a large rock that had to be moved, he asked P straightaway for help (but he didn't tell Paul's children!). Rob knew that... Paul CAN lift that rock.
 - Not elicited
- (40) The travel vans have a limit of 13 people by law. But the drivers don't care, and stop for more than 13 people. Also, the vans are bigger than you think... Travel vans CAN fit 20 people.
 - Not elicited

D4. Circumstantial non-necessity

(44) Given the way this volcano has been active in the past 100 years, it is LIKELY BUT NOT CERTAIN that it will erupt in the next 5 years.

T'wa	mwanka	kîrîma	kîribûke.
Ti-wa	mû-anka	kî-rîma	kî-ribûk-e
neg-MOD	3-MOD	7-mountain	7-explode-fv.sbjv

[&]quot;Not a must that the mountain erupts (lit:explode)."

Ti racima kîrîma kîribûke.

Ti racima kî-rîma kî-ribûk-e
neg MOD 7-mountain 7-explode-fv.sbjv

"Not a must that the mountain erupts (lit:explode)."

D5. Circumstantial impossibility

- (34') In the middle of a conversation, you feel a sneeze coming on... Excuse me! I CAN'T help sneezing!
 - Not elicited
- (35') Water is entering a pipe, which has two outputs: the left output and the right output. But, you know that the left output is blocked. And the water is coming out from the right output. You say: the water CAN'T come out from the left output.

Ti umba. neg **MOD**

(36') Ani came to visit a small Caribbean island. She noticed that the climate and many of the plants are very different to the places she visited in Indonesia, where *duku* trees grow. The types of rocks and the soil are different as well. She doesn't know whether or not there are *duku* trees on the island. But because the temperature, rainfall, and soil are so different, she thinks that... *duku* trees CAN'T grow here.

Mîtî Duku îtiûmba gûkûra Indonesia. ya Mî-tî î-a Duku î-ti-ûmba kû-kûr-a Indonesia 3-tree 5-conn Duku 5-neg-MOD inf/15-grow-fv Indonesia "Duku trees can't grow in Indonesia."

E. BOULETIC

E1 Bouletic Necessity

Target: bouletic necessity

(42) targets bouletic necessity vs. deontic necessity

(41) You love handbags. You see a really nice handbag in a window and you say... I WANT/NEED TO buy it.

N'wa	mwanka	ngûre	gîkombe	gîkî.
Ni-wa	mû-anka	ni-gûre	kî-kombe	kî-kî
Foc-MOD	3- MOD	1sg.sm-buy	7-cup	7-dem.prox

[&]quot;I must/have to buy this cup."

N'wangûriregîkombegîkî.Ni-wani-gûr-irekî-kombekî-kîFoc-MOD1sg.sm-buy-pfv 7-cup7-dem.prox

- (42) Your friend asks you what you desire/want to do today since it is a holiday and you both are not required to do any tasks today. You say... I WANT to go to the cinema.
 - Not elicited
- (43) A daughter tells her parent... My friend WANTS to come visit me.
 - Not elicited

[&]quot;I must/have to buy this cup."

Table of Kîîtharaka Modals

MODALS	EPISTEMIC	ROOT/NON-EPISTEMIC				
		PARTICIPANT-EXTERNAL		PARTICIPANT-INTERNAL		
	Epistemic	Deontic	Teleological	Circumstantial	Bouletic	
Necessity	N'wa mwanka N'wa + pfv	N'wa mwanka N'wa + pfv	n'wa mwanka N'wa + pfv	n'wa mwanka	n'wa + pfv n'wa mwanka	
Weak Necessity	ûmba	Batîîr-i *ûmba	?? *ûmba			
Possibility	n'wa	N'wa	n'wa	n'wa		
Non necessity	Ti (neg) wa mwanka/ti racima	Ti wa mwanka/ti racima	Ti wa mwanka/ti racima	Ti wa mwanka/ti racima		
Impossibility	ti umba	Ti (neg) +ka	Ti (neg) + verb/ti umba	Ti umba		