

# Disambiguation of future, subjunctive, optative in Greek speech acts

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## Περίληψη

*Η διαφορά ανάμεσα στην ομηρική και μετα-ομηρική χρήση του μέλλοντα, της υποτακτικής και της ευκτικής έγκειται στο ότι η προορατική υποτακτική δεν εμφανίζεται πλέον στην κύρια πρόταση. Για να εξηγήσουμε αυτό το φαινόμενο, οι προαναφερθείσες κατηγορίες εξετάζονται μέσα σε κύριες προτάσεις, ακολουθώντας μια ονομασιολογική προσέγγιση. Οι αντίστοιχες λεκτικές πράξεις (speech acts) αναδεικνύουν το σημαντικό ρόλο πρωτίστως του ομιλητή και στη συνέχεια του ακροατή κατά την επιλογή των μέσων έκφρασης. Το γεγονός ότι η προορατική υποτακτική δεν εμφανίζεται πλέον στην κύρια πρόταση αποτελεί ένα συντακτικό φαινόμενο της κύριας πρότασης. Δεδομένου ότι οι δευτερεύουσες προτάσεις είναι πιο συντηρητικές, η προορατική υποτακτική διατηρείται ως δείκτης υπόταξης.*

*Λέξεις-κλειδιά: μέλλοντας χρόνος, υποτακτική, ευκτική, λεκτικές πράξεις (speech acts), συντακτικά φαινόμενα κύριας πρότασης*

## 1 Introduction

In Ancient Greek, the optative, the subjunctive and the future tense compete with each other when it comes to the expression of a will, and the subjunctive as well as the future tense can also be understood as prospective. Furthermore, the optative with ἄν is used to express a future possibility. While these varying expressions in Homer's Iliad and Odyssey apply to both the main clause and the subordinate clause, in post-Homeric time, the prospective subjunctive has been almost entirely displaced from the main clauses. The reasons are so far not very clear. In order to get on with this, main clauses and subordinate clauses are examined for their distribution of forms with future time and modal reference. Since the choice of one of the future reference expressions may depend on the grammatical person, especially the first person, relevant speech acts are dealt with. Finally, fundamental differences between main and subordinate clauses have to be discussed. The investigation covers the period from the 8th century BC to the 5th century AD. It is based on multi-layered annotated corpora. To distinguish the different functions of future tense, subjunctive and optative, we choose an onomasiological approach, because the aim is to show the variety of possibilities of expression. The semantic concepts for the main clause are intention – future, will, deliberation, imagined possibility, counterfactual possibility, softening. We start with statistics (2), the study of main and subordinate clauses follows (3; 4). Finally, we discuss main clause vs. subordinate clause phenomena (5).

## 2 Statistics

Overall, future, optative and conjunctive are not very frequent versus the indicative; cf. the following numbers in text excerpts from Homer and Nonnos:

| <b>Homer, Iliad, Odyssey: tokens 2752</b> |             |                  |               |
|-------------------------------------------|-------------|------------------|---------------|
| indicative                                | subjunctive | optative         | future        |
| 231 (with future)                         | 44          | 16 (with future) | 30            |
|                                           |             |                  | indicative 23 |
|                                           |             |                  | optative 1    |
|                                           |             |                  | infinitive 6  |
| <b>Nonnos, Dionysiaca: tokens 4543</b>    |             |                  |               |
| indicative                                | subjunctive | optative         | future        |
| 314 (with future)                         | 12          | 20               | 16            |
|                                           |             |                  | indicative 16 |

**Table 1 | Distribution of indicative, subjunctive, optative, future**

Compared to Homer, in Nonnos's *Dionysiaca* future, conjunctive and optative appear relatively rare.

### 3 Main clause

Since we want to find out why the prospective subjunctive is no longer present in the main clause in post-Homeric time, mainly uses that can relate to the future are treated. Only synthetic forms will be discussed below.<sup>1</sup>

#### 3.1 Intention-future time reference

In the following, a distinction is made between intention and will. Intention is understood as a purpose and will as desire (cf. Tichy 2002; Tichy 2006: 320f.).

##### 3.1.1 Desiderative-future tense

Because the future is formed sigmatically, a formation that goes back to a desiderative (cf. Vedic *dītsasi* 'you will give'; Rix 1976: 224f.; Sampanis 2017), the denotation of the speaker's intention is probably the original one. The speaker expresses with the 1<sup>st</sup> singular that he intends to perform the action in question in the future. The diachronic path intention > future is well attested cross-linguistically (Bybee, Perkins and Pagliuca 1994: 263; Allan 2013: 38).

From Homer to Nonnos, the indicative of the future tense signifies a future process or state. Cf. the desiderative in the 1<sup>st</sup> singular (1). The clause is an assertion. In order to perform such a speech act, the speaker must be in a position to do so.

|                                  |                          |            |                                |                                          |                                      |
|----------------------------------|--------------------------|------------|--------------------------------|------------------------------------------|--------------------------------------|
| (1)(a)<br>Homer,<br>Iliad 1.29f. | τὴν<br>this:<br>ACC.F.SG | δ'<br>but  | ἐγὼ<br>I:<br>NOM.SG            | οὐ<br>not                                | λύσω<br>set free: FUT.<br>IND.ACT1SG |
| πρίν<br>before                   | μιν<br>she:<br>ACC.F.SG  | καὶ<br>and | γῆρας<br>old age(N):<br>NOM.SG | ἔπεισιν<br>come over: PRS.<br>IND.ACT3SG | ἡμετέρῳ<br>our:<br>DAT.M.SG          |
| ἐνὶ<br>in                        | οἴκῳ                     | ἐν<br>in   | Ἄργεϊ                          |                                          |                                      |

<sup>1</sup> Besides synthetic forms with future reference, periphrases occur. The oldest is μέλλω + infinitive, 'being about to'. It appears from Homeric Greek until Early Byzantine Greek (Joseph 1983; Markopoulos 2009; Joseph and Pappas 2002; Lucas 2014; Allan 2017).

|  |                     |  |                     |
|--|---------------------|--|---------------------|
|  | house(M):<br>DAT.SG |  | Argos(N):<br>DAT.SG |
|--|---------------------|--|---------------------|

τὴν δ' ἐγὼ οὐ λύσω: πρὶν μιν καὶ γῆρας ἔπεισιν / ἡμετέρῳ ἐνὶ οἴκῳ ἐν Ἄργεϊ  
 'But I will not release her until she reaches old age, in our house in Argos'

Similar:

Typhoeus wants to compete with Cadmon for a musical contest:

|                                       |                                            |           |          |                                        |                                 |                               |
|---------------------------------------|--------------------------------------------|-----------|----------|----------------------------------------|---------------------------------|-------------------------------|
| (1)(b) Nonnos,<br>Dionysiaka<br>1.439 | στήσω<br>face up to:<br>FUT.IND.<br>ACT1SG | δ'<br>but | ἦν<br>if | ἐθέλης<br>wish:<br>PRS.SUBJ.<br>ACT2SG | Φιλίην<br>friendly:<br>ACC.F.SG | ἔριν<br>quarrel(F):<br>ACC.SG |
|---------------------------------------|--------------------------------------------|-----------|----------|----------------------------------------|---------------------------------|-------------------------------|

στήσω δ', ἦν ἐθέλης, φιλίην ἔριν  
 'But I will, if you wish, face up to a friendly quarrel'

The proximity of future time reference and intention shows (1)(c): the futures ἀπειλήσω and πέμψω in the 1<sup>st</sup> person appear next to the voluntative subjunctive ἄγω.

|                                      |                                          |                         |                       |                           |
|--------------------------------------|------------------------------------------|-------------------------|-----------------------|---------------------------|
| (1)(c) Homer,<br>Iliad 1.181-185     | ἀπειλήσω<br>threaten: FUT.<br>IND.ACT1SG | δέ<br>but               | τοί<br>you:<br>DAT.SG | ὧδε<br>this: DAT.<br>N.SG |
| ...                                  | τὴν<br>the: ACC.F.SG                     | μὲν<br>but              | ἐγὼ<br>I: NOM.SG      | σὺν<br>with               |
| νηΐ<br>ship(F): DAT.SG               | τ'<br>as well                            | ἐμῆ<br>my: DAT.<br>F.SG | καὶ<br>and            | ἐμοῖς<br>my: DAT.<br>M.PL |
| ἐτάροισι<br>compagnon<br>(M): DAT.PL | πέμψω<br>send: FUT.IND.<br>ACT1SG        | ἐγὼ<br>I: NOM.<br>SG    | δέ<br>but             | κ'<br>PART                |
| ἄγω<br>take: PRS.SUBJ.<br>ACT1SG     | Βρισηΐδα<br>Briseis(F):<br>ACC.SG        |                         |                       |                           |

ἀπειλήσω δέ τοι ὧδε ... τὴν μὲν ἐγὼ σὺν νηΐ τ' ἐμῆ καὶ ἐμοῖς ἐτάροισι / πέμψω, ἐγὼ δέ  
 κ' ἄγω Βρισηΐδα ...  
 'But I will threaten you thus ... I will send back her [Briseis] with my ship and my  
 companions, but I will myself take Briseis ...'

Sometimes the speaker himself uses special means to give his assertion a clear future  
 time reference as in (2). The expressions ὑπερβὰς, 'passing over', τότε, 'then', τῷ νῦν  
 'into the now' provide a time frame with a transition from the present to the future:

|                                        |                          |                              |                 |                         |
|----------------------------------------|--------------------------|------------------------------|-----------------|-------------------------|
| (2) Gorgias,<br>Encomium of<br>Helen 5 | τὸν<br>the: ACC.<br>M.SG | χρόνον<br>time(M):<br>ACC.SG | δὲ<br>but       | τῷ<br>the: DAT.<br>M.SG |
| λόγῳ                                   | τὸν<br>the: ACC.         | τότε<br>then                 | τῷ<br>the: DAT. | νῦν<br>now              |

|                                                      |                                |                                              |                              |                                                |
|------------------------------------------------------|--------------------------------|----------------------------------------------|------------------------------|------------------------------------------------|
| speech(M):<br>DAT.SG                                 | M.SG                           |                                              | N.SG                         |                                                |
| ὑπερβὰς<br>passing over:<br>AOR.PRT.ACT.<br>NOM.M.SG | ἐπὶ<br>to                      | τὴν<br>the: ACC.<br>F.SG                     | ἀρχὴν<br>begin(F):<br>ACC.SG | τοῦ<br>the: GEN.<br>M.SG                       |
| μέλλοντος<br>upcoming:<br>GEN.M.SG                   | λόγου<br>speech(M):<br>GEN.SG  | προβήσομαι<br>proceed:<br>FUT.IND.<br>MED1SG | καὶ<br>and                   | προθήσομαι<br>predicate:<br>FUT.IND.<br>MED1SG |
| τὰς<br>the: ACC.F.PL                                 | αἰτίας<br>reason(F):<br>ACC.PL |                                              |                              |                                                |

τὸν χρόνον δὲ τῷ λόγῳ τὸν τότε τῷ νῦν ὑπερβὰς ἐπὶ τὴν ἀρχὴν τοῦ μέλλοντος λόγου προβήσομαι, καὶ προθήσομαι τὰς αἰτίας ...  
 ‘Passing over in my present discourse from the time past into the now, I will proceed to the beginning of my intended discussion and will predicate the causes ...’

However, if hearers take future forms as a report about future events rather than about intentions, a reanalysis takes place (Eckardt 2006). Thus, the form becomes a designation of the future time reference and functions as prospective future.

In (3) a directive and a prediction in the 3<sup>rd</sup> person are combined. The speaker locates a particular state of affairs in the projected reality (Allan 2017: 50f.):

|                                       |                                     |            |                              |                              |                                    |
|---------------------------------------|-------------------------------------|------------|------------------------------|------------------------------|------------------------------------|
| (3)(a) Nonnos,<br>Dionysiaka<br>1.378 | σύριζε<br>flute: PRS.IMP.<br>ACT2SG | καὶ<br>and | οὐρανὸς<br>sky(M):<br>NOM.SG | εὐδιος<br>clear:<br>NOM.M.SG | ἔσται: sein:<br>FUT.IND.<br>MED3SG |
|---------------------------------------|-------------------------------------|------------|------------------------------|------------------------------|------------------------------------|

σύριζε, καὶ οὐρανὸς εὐδιος ἔσται  
 ‘Flute and the sky will be clear’

A prediction can be used as prophecy; cf. with the 2<sup>nd</sup> person:

|                                           |                                       |                             |             |                         |                                |
|-------------------------------------------|---------------------------------------|-----------------------------|-------------|-------------------------|--------------------------------|
| (3)(b)<br>Nonnos,<br>Dionysiaka<br>32.6f. | θέλξεις<br>enchant:<br>FUT.IND.ACT2SG | δ’<br>but                   | εἰν<br>with | ἐνὶ<br>one:<br>DAT.M.SG | πάντα<br>everyone:<br>ACC.M.SG |
| πόθων<br>longing(M):<br>GEN.PL            | ἰθύντορι<br>driver(M):<br>DAT.SG      | κεστῶ<br>belt(M):<br>DAT.SG |             |                         |                                |

θέλξεις δ’ εἰν ἐνὶ πάντα πόθων ἰθύντορι κεστῶ ...  
 ‘But you will enchant everyone with the one belt as the driver of the longings ...’

### 3.1.2 Prospective Subjunctive

Like the future tense, the prospective subjunctive goes back to the desiderative (cf. Allan 2013: 37f.). The reinterpretation of the content-related future is then based on parallel individual language innovation; cf.:

Latin future: *erō, eris, erit ...* < \**h<sub>1</sub>esoH, \*h<sub>1</sub>eses(i), \*h<sub>1</sub>eset(i) ...* Vedic subjunctive.: *ás-ā(ni), ás-as(i), ás-at(i) ...* Homeric subjunctive: ἔω, ἐήις, ἐήι ... (Rix 1976: 225). According to Sampanis (2017), the Indo-European language made no clear-cut distinction between the voluntative and prospective subjunctive.

As mentioned, in our corpus we found the prospective subjunctive in main clauses only in Homer:

|                                 |                             |                 |                                    |                          |
|---------------------------------|-----------------------------|-----------------|------------------------------------|--------------------------|
| (4) Homer,<br>Iliad 1.262f.     | οὐ<br>not                   | γάρ<br>for      | πῶ<br>up to this time              | τοίους<br>such: ACC.M.PL |
| ἴδων<br>see: AOR.<br>IND.ACT1SG | ἀνέρας<br>man(M):<br>ACC.PL | οὐδὲ<br>but not | ἴδωμαι<br>see: AOR.SUBJ.<br>ACT1SG |                          |

οὐ γάρ πῶ τοίους ἴδων ἀνέρας οὐδὲ ἴδωμαι ...

‘Such warriors have I never since seen, nor shall I see ...’ (Allan 2013: 37f.; Willmott 2007: 54-281)

The use is epistemic, the negation is οὐδὲ. As Willmott (2008) has shown, the choice between οὐκ and μή does not match deontic and epistemic modality (for using the negation μή deontically cf. Allan 2013: 36 with fn. 46, 40).

### 3.2 Will

The following expressions exhibit deontic modality, they imply the will of the speaker that the event be realized.

#### 3.2.1 Imperatival future

The imperatival future is similar to the imperative:

|                                    |                                        |                                      |                                                    |                                       |
|------------------------------------|----------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------|
| (5) Homer,<br>Odyssey 12.<br>23-25 | ἀλλ’<br>but                            | ἄγετ’<br>come on: PRS.<br>IMP.ACT2PL | ἐσθίετε<br>eat: PRS.IMP.<br>ACT2PL                 | βρώμην<br>food(F):<br>ACC.SG          |
| καὶ<br>and                         | πίνετε<br>drink:<br>PRS.IMP.<br>ACT2PL | οἶνον<br>wine(M): ACC.SG             | αὐθι<br>here                                       | πανημέριοι<br>all day long            |
| ἅμα<br>at the same<br>time         | δ’<br>but                              | ἦοι<br>dawn(F): DAT.SG               | φαινομένηφι<br>appear:<br>PRS.PRT.<br>MED.DAT.F.PL | πλεύσεσθ’<br>sail: FUT.<br>IND.MED2PL |

ἀλλ’ ἄγετ’ ἐσθίετε βρώμην καὶ πίνετε οἶνον / αὐθι πανημέριοι: ἅμα δ’ ἦοι φαινομένηφι / πλεύσεσθ’

[Circe:] ‘But come on, eat food and drink wine here all day. When dawn appears you will sail.’ (Denizot 2011: 438; Allan 2017: 53f.)

### 3.2.2 *Voluntative future*

The future tense can also be used to denote voluntativity:

|                               |          |                |                                |
|-------------------------------|----------|----------------|--------------------------------|
| (6) Plato,<br>Protagoras 338a | ὡς<br>so | οὖν<br>in fact | ποιήσετε<br>do: FUT.IND.ACT2PL |
|-------------------------------|----------|----------------|--------------------------------|

ὡς οὖν ποιήσετε  
‘So you shall do’

### 3.2.3 *Voluntative subjunctive*

The same applies to the voluntative subjunctive (Allan 2013: 38). Cf. the following hortatives:

|                               |                                      |                |                               |                        |
|-------------------------------|--------------------------------------|----------------|-------------------------------|------------------------|
| (7)(a) Homer,<br>Iliad 1.62f. | ἀλλ’<br>hence                        | ἄγε<br>come on | δή<br>therefore               | τινα<br>some: ACC.M.SG |
| μάντιν<br>seer(M):<br>ACC.SG  | ἐρείομεν<br>ask: PRS.<br>SUBJ.ACT1PL | ἢ<br>or        | ἱερῆα<br>priest(M):<br>ACC.SG |                        |

ἀλλ’ ἄγε δή τινα μάντιν ἐρείομεν ἢ ἱερῆα ...  
‘But come, let us ask some seer or priest ...’

|                                           |                                          |          |                             |            |
|-------------------------------------------|------------------------------------------|----------|-----------------------------|------------|
| (7)(b)<br>Aristophanes,<br>Lysistrata 266 | ἀλλ’<br>otherwise                        | ὡς<br>so | τάχιστα<br>swift:<br>SUPERL | πρὸς<br>to |
| πόλιν<br>city(F):<br>ACC.SG               | σπεύσωμεν<br>hasten: AOR.SUBJ.<br>ACT1PL |          |                             |            |

ἀλλ’ ὡς τάχιστα πρὸς πόλιν σπεύσωμεν  
‘Otherwise let’s hurry to the city as soon as possible’

### 3.2.4 *Cupitive optative*

The cupitive optative expresses wishes for the future: “may it happen!”.

After jealous Hera asked Appollo to help his father, she calls out:

|                                    |                            |                                  |                                     |                 |
|------------------------------------|----------------------------|----------------------------------|-------------------------------------|-----------------|
| (8) Nonnos,<br>Dionysiaka<br>1.328 | αἶθε<br>oh that            | λαβὼν<br>grabbing:<br>NOM.M.SG   | ἐρύσειεν<br>drag:<br>AOR.OPT.ACT3SG | ὅπως<br>so that |
| Διὶ<br>Zeus(M):<br>DAT.SG          | τοῦτο<br>this:<br>ACC.N.SG | βοήσω<br>call:<br>FUT.IND.ACT1SG |                                     |                 |

αἶθε λαβὼν ἐρύσειεν ὅπως Διὶ τοῦτο βοήσω  
 ‘Oh, if only one would catch and drag him (to the plow), so that I could call this to Zeus’

### 3.3 *Deliberative question*

Following Faure (2012), we regard the deliberative question as a speech act. The deliberative subjunctive signals a desire of the speaker, whereby the speaker’s will is questioned (Ruijgh 1971, 275). This usage is deontic.

#### 3.3.1 *Deliberative subjunctive*

|                                 |                                      |         |                                                 |         |                         |                                    |
|---------------------------------|--------------------------------------|---------|-------------------------------------------------|---------|-------------------------|------------------------------------|
| (9)(a)<br>Euripides,<br>Ion 758 | εἴπωμεν<br>talk: AOR.<br>SUBJ.ACT1PL | ἢ<br>or | σιγῶμεν<br>keep silence:<br>PRS.SUBJ.<br>ACT1PL | ἢ<br>or | τί<br>what:<br>ACC.N.SG | δράσομεν<br>do: PRS.<br>FUT.ACT1PL |
|---------------------------------|--------------------------------------|---------|-------------------------------------------------|---------|-------------------------|------------------------------------|

[chorus leader] εἴπωμεν ἢ σιγῶμεν; ἢ τί δράσομεν;  
 ‘Shall we speak or be silent? Or what shall we do?’

|                                       |             |                      |                             |
|---------------------------------------|-------------|----------------------|-----------------------------|
| (9)(b)<br>Nonnos,<br>Dionysiaka 1.400 | ἀλλὰ<br>but | τί<br>what: ACC.N.SG | ῥέξω<br>do: AOR.SUBJ.ACT1SG |
|---------------------------------------|-------------|----------------------|-----------------------------|

ἀλλὰ τί ῥέξω  
 ‘But what can I do?’

#### 3.3.2 *Deliberative optative*

The deliberative optative is rare. This use is called “remote optative”.

|                                           |                                      |                                  |                                   |                                      |
|-------------------------------------------|--------------------------------------|----------------------------------|-----------------------------------|--------------------------------------|
| (10) Plato, Gorg.<br>492b                 | <τί<br>what: NOM.<br>N.SG            | ἄν><br>PART                      | τῇ<br>the:<br>DAT.F.SG            | ἀληθείᾳ<br>truth(F):<br>DAT.SG       |
| αἴσχιον<br>dishonouring:<br>COMP.NOM.N.SG | καὶ<br>and                           | κάκιον<br>bad: COMP.<br>NOM.N.SG | εἴη<br>be: PRS.<br>OPT.ACT<br>3SG | σωφροσύνης<br>prudence(F):<br>GEN.SG |
| καὶ<br>and                                | δικαιοσύνης<br>justice(F):<br>GEN.SG | τούτοις<br>this: DAT.<br>M.PL    | τούτοις<br>this: DAT.<br>M.PL     | ἀνθρώποις<br>man(M)<br>DAT.PL        |

<τί ἄν> τῇ ἀληθείᾳ αἴσχιον καὶ κάκιον εἴη σωφροσύνης καὶ δικαιοσύνης σωφροσύνης  
 καὶ δικαιοσύνης τούτοις τοῖς ἀνθρώποις  
 ‘what in truth could be fouler or worse than temperance and justice in such cases?’

### 3.4 *Imagined possibility*

#### 3.4.1 *Potential optative*

The potential optative indicates that the state of affairs is merely imagined, that is, not expected. The modality is epistemic; cf. with particle ἄν (Allan 2013: 40).

|                                                        |                                          |                     |                  |                         |
|--------------------------------------------------------|------------------------------------------|---------------------|------------------|-------------------------|
| (11)(a) Antiphon,<br>On the murder of<br>Herodes 5.48f | ὥστε<br>so as                            | πολλῶ<br>far rather | ἄν<br>PART       | ὕμεῖς<br>you:<br>NOM.PL |
| δικαιότερον<br>more deserved                           | κρίνοισθε<br>accuse: PRS.<br>OPT.PASS2PL | ἢ<br>than           | ἐγὼ<br>I: NOM.SG |                         |

ὥστε πολλῶ ἄν ὑμεῖς δικαιότερον κρίνοισθε ἢ ἐγὼ νῦν ...  
‘Thus it is you who deserve to be on trial far rather than I ...’

The optative with ἄν can also be used to express a future possibility:

|                                   |                                           |                                   |            |             |
|-----------------------------------|-------------------------------------------|-----------------------------------|------------|-------------|
| Xenophon,<br>Cyropaedia<br>1.6.21 | γνοίης<br>come to know:<br>PRS.OPT.ACT2SG | δ’<br>but                         | ἄν<br>PART | ὅτι<br>that |
| τοῦθ’<br>this: NOM.N.<br>SG       | οὕτως<br>so                               | ἔχει<br>occur: PRS.<br>IND.ACT3SG |            |             |

γνοίης δ’ ἄν ὅτι τοῦθ’ οὕτως ἔχει  
‘you may see that this is so’

### 3.4.2 “Futur de raisonnement »

Also the so-called “futur de raisonnement” has an epistemic meaning.<sup>2</sup> It is especially frequent in the dialogues of Plato.

For (12) the preceding premise is, that the soul’s excellence is justice and its vice is injustice.

|                                |                                         |                        |                               |                              |
|--------------------------------|-----------------------------------------|------------------------|-------------------------------|------------------------------|
| (12) Plato,<br>Republic 353e   | ἢ<br>PART                               | μὲν<br>PART            | ἄρα<br>PART                   | δικαία<br>just: NOM.F.SG     |
| ψυχή<br>soul(F):<br>NOM.SG     | καὶ<br>and                              | ὁ<br>the: NOM.<br>M.SG | δίκαιος<br>just: NOM.<br>M.SG | ἄνθρωπος<br>man(M)<br>NOM.SG |
| εὖ<br>well                     | βιώσεται<br>live:<br>FUT.IND.<br>MED3SG | κακῶς<br>ill           | δὲ<br>but                     | ὁ<br>the: NOM.M.SG           |
| ἄδικος<br>unjust: NOM.<br>M.SG |                                         |                        |                               |                              |

ἢ μὲν ἄρα δικαία ψυχή καὶ ὁ δίκαιος ἄνθρωπος εὖ βιώσεται, κακῶς δὲ ὁ ἄδικος.

<sup>2</sup> Allan (2017: 57) considers the emergence of the epistemic meaning of the future tense as a form of “extreme subjectification” (Langacker 2003: 13).

[Socrates] ‘Indeed, the just soul and the just man then will live well and the unjust ill.’

### 3.5 Counterfactual possibility

Only in Homer, the potential optative can be used with counterfactual meaning (mostly referring to the present). With this kind of modality, the speaker refers to propositions which the speakers knows to be not true, i.e. events that have not been/are not being realized (Allan 2013: 5, 39f.).

|                                     |                                                   |                      |                                              |                                       |
|-------------------------------------|---------------------------------------------------|----------------------|----------------------------------------------|---------------------------------------|
| (13) Homer,<br>Iliad 12,<br>322-325 | ...                                               | εἰ<br>if             | μὲν<br>indeed                                | γὰρ<br>for                            |
| ...                                 | αἰεὶ<br>ever                                      | δῆ<br>now            | μέλλοιμεν<br>be destined: PRS.<br>OPT.ACT1PL | ἀγήρω<br>ageless:<br>NOM.M.DU         |
| τ’<br>both                          | ἄθανάτω<br>immortal                               | τε<br>and            | ἔσσεσθ’<br>be: FUT.MED.INF                   | οὔτε<br>and not                       |
| κεν<br>PART                         | αὐτὸς<br>self:<br>NOM.M.SG                        | ἐνὶ<br>in            | πρώτοισι<br>first: DAT.M.PL                  | μαχοίμην<br>fight: PRS.<br>OPT.MED3PL |
| οὔτε<br>and not                     | κε<br>PART                                        | σὲ<br>you:<br>ACC.SG | στέλλοιμι<br>send: PRS.OPT.<br>ACT1SG        | μάχην<br>battle(F):<br>ACC.SG         |
| ἐς<br>into                          | κυδιάνειραν<br>bringing men<br>glory:<br>ACC.F.SG |                      |                                              |                                       |

... εἰ μὲν γὰρ ... / αἰεὶ δὴ μέλλοιμεν ἀγήρω τ’ ἄθανάτω τε / ἔσσεσθ’, οὔτε κεν αὐτὸς ἐνὶ πρώτοισι μαχοίμην / οὔτε κε σὲ στέλλοιμι μάχην ἐς κυδιάνειραν  
,... if we had the perspective to be forever ageless and immortal, neither should I myself fight amid the foremost, nor should I send you into battle.<sup>3</sup>

The negation of the main clause is οὔτε.

### 3.6 Softened statements

Softened statements with potential optative and particle ἄν display an epistemic use (Allan 2013: 39). Examples for mitigated requests are:

|                                        |                                    |            |                                  |                            |
|----------------------------------------|------------------------------------|------------|----------------------------------|----------------------------|
| (14)(a)<br>Sophocles,<br>Antigone 1339 | ἄγοιτ’<br>lead: PRS.<br>OPT.ACT2PL | ἄν<br>PART | μάταιον<br>useless: ACC.<br>M.SG | ἄνδρ’<br>man(M):<br>ACC.SG |
| ἐκποδῶν<br>away from the<br>feet       |                                    |            |                                  |                            |

<sup>3</sup> Cf. Wakker 1994: 211, 212 n. 171. According to Allan (2013: 41), “the domain of possible reality and the domain of counterfactuality constitute a semantic continuum.”

ἄγοιτ' ἄν μάταιον ἄνδρ' ἐκποδών

[Kreon] 'Lead me out of the way, useless man that I am' (Drummen 2013: 51)

|                                       |                                        |            |              |             |                                  |
|---------------------------------------|----------------------------------------|------------|--------------|-------------|----------------------------------|
| (14)(b)<br>Sophocles,<br>Electra 1491 | χωροῖς<br>give way: PRS.<br>OPT.ACT2SG | ἄν<br>PART | εἴσω<br>into | σὺν<br>with | τάχει<br>swiftness(N):<br>DAT.SG |
|---------------------------------------|----------------------------------------|------------|--------------|-------------|----------------------------------|

χωροῖς ἄν εἴσω σὺν τάχει

'You could go in fast' (instead of:, Go in, and quickly')<sup>4</sup>

Presenting the state of affairs as possible is less disturbing for the addressee than an imperative and leaves more room for refusal (Drummen 2013: 90 n. 40).

All in all, concepts that are somehow related to futurity or modality provide a great deal of means of expression in the main clause.

| future tense             | subjunctive  | optative                   |
|--------------------------|--------------|----------------------------|
| future time reference    | prospective  | potential                  |
| desiderative/voluntative | voluntative  | cupitive                   |
| prediction/prophesy      | deliberative | deliberative               |
| imperative               |              | counterfactual possibility |
| future de raisonnement   |              | softened statement         |

**Table 2 | Functions of future tense, subjunctive, optative in main clauses**

#### 4 Subordinate clause

For subordinate clauses we only consider the subjunctive. It's about relative clauses, deliberative indirect questions, complement clauses with verbs of fearing, purpose and conditional clauses.

##### 4.1 Deliberative indirect question

In deliberative indirect questions the deliberative subjunctive appears. The use corresponds to that in the main clause.

|                                   |               |                                 |            |                           |
|-----------------------------------|---------------|---------------------------------|------------|---------------------------|
| (15) Xenophon,<br>Anabasis 1.3.5  | εἰ<br>whether | μὲν<br>indeed                   | δὴ<br>PART | δίκαια<br>right: ACC.N.PL |
| ποιήσω<br>do: AOR.SUBJ.<br>ACT3SG | οὐκ<br>not    | οἶδα<br>know: PF.IND.<br>ACT1SG |            |                           |

εἰ μὲν δὴ δίκαια ποιήσω, οὐκ οἶδα

'I don't know whether I shall do what is right'

<sup>4</sup> Bornemann and Risch 1973: § 228. 3 fn. 2.

#### 4.2 Complement clause with verbs of fear

In the case of complement clauses depending on verbs of fear, there was an original voluntative subjunctive. The negation μή expresses the wish to avert something (negative desire).

|                                      |                   |                               |                            |                                               |
|--------------------------------------|-------------------|-------------------------------|----------------------------|-----------------------------------------------|
| (16) Xenophon<br>Hellenica 4.8.4     | εἰ<br>if          | δέ<br>but                     | τις<br>anyone:<br>NOM.M.SG | τοῦτο<br>this: ACC.N.SG                       |
| φοβεῖται<br>fear: PRS.<br>IND.MED3SG | μὴ<br>that not    | καὶ<br>and                    | κατὰ<br>downwards          | γῆν<br>land(F): GEN.SG                        |
| καὶ<br>and                           | κατὰ<br>downwards | θάλατταν<br>sea(F):<br>ACC.SG | ἐνθάδε<br>thither          | πολιορκώμεθα<br>besiege: PRS.SUBJ.<br>PASS1PL |

εἰ δέ τις τοῦτο φοβεῖται, μὴ καὶ κατὰ γῆν καὶ κατὰ θάλατταν ἐνθάδε πολιορκώμεθα ...  
'But if anyone is afraid that we may be besieged here both by land and by sea...'

#### 4.3 Relative clause

The prospective subjunctive with clear future time reference can be found in relative clauses. In (17), there is a restrictive one:

|                              |                             |                                |                                     |                                |
|------------------------------|-----------------------------|--------------------------------|-------------------------------------|--------------------------------|
| (17) Homer,<br>Iliad 21, 104 | νῦν<br>now                  | δ'<br>but                      | οὐκ<br>not                          | ἔσθ'<br>be: PRS.IND.<br>ACT3SG |
| ὅς<br>who:<br>NOM.M.SG       | τις<br>any one:<br>NOM.M.SG | θάνατον<br>death(M):<br>ACC.SG | φύγη<br>escape: AOR.SUBJ.<br>ACT3SG |                                |

νῦν δ' οὐκ ἔσθ' ὅς τις θάνατον φύγη  
'but now is there not one that shall escape death'

The subjunctive is used here deontically, it is a prophecy.

#### 4.4 Purpose clause

In purpose clauses, also the prospective subjunctive appears. The speaker views the future realization of the state of affairs as probable or, at least, very well possible. Thus the subjunctive has an epistemic meaning.

|                                        |                                   |                                                                 |                                           |                                |
|----------------------------------------|-----------------------------------|-----------------------------------------------------------------|-------------------------------------------|--------------------------------|
| (18)(a) Nonnos,<br>Dionysiaka<br>1.136 | ἴσχεο<br>stay: PRS.<br>IMP.MED2SG | φωνή<br>voice(F):<br>VOC.SG                                     | μὴ<br>not                                 | Βορέην<br>Boreas(M):<br>ACC.SG |
| μετὰ<br>after                          | ταῦρον<br>bull(M):<br>ACC.SG      | ἐρωμανέοντα<br>crazy with<br>love: PRS.<br>PRT.ACT.<br>ACC.M.SG | νοήσω<br>perceive:<br>AOR.SUBJ.<br>ACT1SG |                                |

ἴσχεο, φωνή, / μὴ Βορέην μετὰ ταῦρον ἐρωμανέοντα νοήσω.’

‘Stay, my voice, so that I will not see Boreas crazy with love, after the bull’

|                                      |                                        |             |                    |                |
|--------------------------------------|----------------------------------------|-------------|--------------------|----------------|
| (18)(b) Plato,<br>Euthyphro 9a1-2    | δίδαξον<br>teach: AOR.IMP.ACT2SG       | καὶ<br>also | ἐμέ<br>I: ACC.M.SG | ἵνα<br>so that |
| σοφώτερος<br>wise: COMP.<br>NOM.M.SG | γένωμαι<br>become: AOR.SUBJ.<br>MED1SG |             |                    |                |

δίδαξον καὶ ἐμέ, ἵνα σοφώτερος γένωμαι.

‘Teach me too, so that I can become wiser.’

#### 4.5 Conditional clause

In the following conditional clause, the meaning if (in future) of ἦν appears together with the negation μή<sup>5</sup>. Something that is conceived or imagined is expressed. The prospective subjunctive is again used epistemically:

|                                            |                                        |                                             |                                          |                                         |
|--------------------------------------------|----------------------------------------|---------------------------------------------|------------------------------------------|-----------------------------------------|
| (19) Isocrates,<br>Euagoras 9.48           | καίτοι<br>and indeed                   | τηλικαύτας<br>such as<br>this: ACC.<br>F.PL | ἐπιδόσεις<br>increase<br>(F): ACC.<br>PL | τὰς<br>the: ACC.F.<br>PL                |
| πόλεις<br>city(F):<br>ACC.PL               | λαμβάνειν<br>take: PRS.<br>INF.ACT     | οὐχ<br>not                                  | οἷόν<br>such as:<br>NOM.N.SG             | τ’<br>and                               |
| ἐστίν<br>be: PRS.IND.<br>ACT3SG            | ἦν<br>if                               | μὴ<br>not                                   | τις<br>anyone:<br>NOM.M.SG               | αὐτὰς<br>this:<br>ACC.<br>F.PL          |
| διοικῆ<br>keep house: PRS.<br>SUBJ.MED.3SG | τοιούτοις<br>such as<br>this: DAT.N.PL | ἧθεσιν<br>character<br>(N): DAT.PL          | οἷοις<br>such as:<br>DAT.N.PL            | Εὐαγόρας<br>Evagoras<br>(M): NOM.<br>SG |
| μὲν<br>but                                 | εἶχεν<br>have: IPF.<br>IND.ACT<br>3SG  |                                             |                                          |                                         |

καίτοι τηλικαύτας ἐπιδόσεις τὰς πόλεις λαμβάνειν οὐχ οἷόν τ’ ἐστίν, ἦν μὴ τις αὐτὰς διοικῆ τοιούτοις ἧθεσιν οἷοις Εὐαγόρας μὲν εἶχεν

‘And yet it is not possible that cities should take on such increase unless there are those who govern them by such principles as Evagoras had’

Thus, in subordinate clauses with subjunctive future and modal meanings can still be inferred. But as soon as the prospective subjunctive had disappeared from the main clause, this mood was interpreted as a subordinate clause marker.

<sup>5</sup> Negative epistemic stance is also indicated by the potential optative (Drummer 2013: 70).

## 5 Main clause vs. Subordinate clause phenomena

Now the question has to be answered, why in post-Homeric time, the prospective subjunctive no longer appears in main clauses while surviving in subordinate clauses. This has to be explained given that other types of the subjunctive survive in both main and subordinate clauses (i.e. deliberative and voluntative subjunctive). However, main and subordinate clauses differ fundamentally when it comes to language changes. Main clauses are pragmatically richer than subordinate clauses. They contain more information than subordinate clauses by separating old information from new information (Bybee 2002: 14). As our examples have shown, the speaker's and hearer's attitude are also expressed more clearly in main clauses. Especially the speaker is affected when intention, will, strong request or deliberation are expressed, while the addressee comes into play with the imperatival future or the voluntative future. But above all, the speaker is also the one who can trigger language changes. In main clauses he replaced the prospective subjunctive with the more objective future or with the optative, which is similar in its function but describes the mere possibility. In the subordinate clause, on the other hand, the prospective subjunctive was retained and became a subordinate clause marker<sup>6</sup>. Altogether, the preservation of the subjunctive agrees with the fact that subordinate clauses are conservative and main clauses are innovative.

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<sup>6</sup> As Allan (2013: 37) explains, in clauses with the original local conjunction ἵνα the subjunctive was used in its purely epistemic future-referring meaning. After the local meaning faded, the subjunctive became a grammaticalized marker for purpose clauses.

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