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## Why Stress Does Matter: New Material on Metrics in Zajal Poetry

There has been a long and controversial debate among Arabists on how to scan the al-Andalus-born zajals and muwashshahs. ${ }^{1}$ On one extreme we find the defendants of strict 'arūd theory (also known as the quantitative or classical theory) whose latest and foremost proponent is Gregor Schoeler. This theory claims that it is possible to scan every muwashshah or zajal verse with Khalīlian and nonKhalīlian meters. The second theory, which in the last decades has become synonymous with its main advocate Federico Corriente, posits that the meters of zajals from al-Andalus are based on 'arūd meters, but that they were modified in such a way that stress patterns could overrule the requirements of the quantitative 'arūd system. ${ }^{2}$ Furthermore, in the centuries after the birth of strophic poetry in al-Andalus, Arab scholars and poetry experts from Ibn Bassām and Ibn Sanā al-Mulk to Ibn Khaldūn declared that strophic poetry was not always governed by 'arūd. ${ }^{3}$

This article introduces some fresh theoretical material which may help to defuse this highly charged debate-at least as far as Eastern zajal poetry is concerned. The material is part of the treatise Daf^ al-shakk wa-al-mayn fī tahrīr al-fannayn (The dispelling of doubt and untruth in the writing of the two arts) written by a rather unknown author whose name has only recently surfaced in Western Arab philology: Jamāl al-Dīn or Tāj al-Dīn 'Abd al-Wahhāb ibn Yūsuf al-

[^0]Banawānī (d. ca. 860/1456). ${ }^{4}$ To date, I have found six manuscripts with this title. ${ }^{5}$ In Paris and Berlin Wetzstein II 108 the book is referred to as Raf ("lifting") alshakk wa-al-mayn fī taḥrīr al-fannayn. Hoenerbach in his seminal work on Ṣafī alDīn al-Ḥillī’s Al-Kitāb al-āṭil al-hāā̄̄ wa-al-murakhkhaṣ al-ghālī mentions it as written by an anonymous author. ${ }^{6}$ As the title indicates, the poetics of al-Banawānī is limited to two of the four non-canonical types of poetry, zajal and mawāliyā, unlike its two precursors-al-Ḥillī's Kitāb al-āṭil and Ibn Ḥijjah's Bulūgh al-amal fī fann al-zajal-both of which include the other two types, kān wa-kān and qūmā. Al-Ḥillī’s pioneering Kitāb al-āṭil served as a blueprint for Ibn Hijijah's Bulūgh and some other minuscule summaries of non-canonical poetics that are included in Ibn Khaldūn's Muqaddimah and al-Ibshīhī’s Mustatraf. Hoenerbach states that although al-Banawānī copies al-Ḥillī in some minor aspects, he comes up with his own opinions on zajal and mawāliyā theory. During my work on the Daf ${ }^{\ell}$, I could consistently verify Hoenerbach's assumption, which means that this is perhaps the only original treatise on non-canonical poetry that did not plagiarize al-Ḥillī in the essential parts of its poetics. It is interesting to note here that all the poetics of non-canonical poetry were written in the East. Furthermore, while al-Ḥillī and Ibn Hijjah give a great amount of space to the masters from al-Andalus such as Ibn Quzmān, Ibn Ghurlah, Madghalīs, and others, al-Banawānī only rarely cites verses from them or includes them in theoretical discussions, a matter that requires further research and deserves a publication in its own right.

[^1]
## Metrics as Presented by Yūsuf al-Banawānī

One of the main differences between al-Banawānī in comparison to al-Ḥillī and Ibn Hijjah is his theories on prosody. He introduces us to a new system of metrics that other theoreticians employed, too. His contemporary Ibn Hijjah al-Hamawī, for example, uses en passant two of the technical terms that figure in the Daf', which I will return to later on in this article.

I applied the metrical system laid out by al-Banawānī to a number of Eastern zajals where it fitted well and was utterly versatile because of the short and freely combinable metrical units that this system is made of. After introducing this theory, I will analyze an entire zajal by Ibrāhīm al-Mímār to demonstrate the viability of al-Banawānī's metrics. The zajal in question is constituted exclusively of long syllables, which is an insurmountable challenge to any purely quantitative approach. Where the quantitative criteria of 'arūd fail, measure and rhythm are achieved in a different way as the metrics of al-Banāwānī and the inclusion of stress into the equation provide a solution to this issue.

Al-Banawānī begins his chapter on wazn with a definition: al-waznu micyārun yukhtabaru bihi hāalu l-kalāmi ṣihhatan wa-khalalan bi-quwwatin fī ṭab'i l-insāni walaysat li-kulli insānin bal hibatun mina llāhi l-‘azīzi l-ḥakīmi li-ṣāhibi ṭ-ṭab‘i s-salīmi wa-lā tustafādu bi-tacallumin (fol. 3r, MS Paris). (The meter is a measure with which the condition of the speech is measured in terms of correctness and faultiness, by virtue of an innate power that lies in the nature of man, but not of every man, for it is a gift of the wise and almighty God to the sound-natured one, a power that cannot be acquired by learning.)

He then continues with the definition of terms that zajal poets used to describe verses and their structural units: wa-qad isțalaḥa ahlu hādhā l-fanni 'alā kalimātin 'urfiyyatin wa-sammawhā shudhuran [not shudhūran as one would expect] wa-hiya $k a-s ̣-s ̧ a n j i ~ l i-m a w a ̄ z i ̄ n i h i m ~ f i ̄ h a ̄ ~ y u h a r r i r u ̄ n a ~ w a-' a l a y h a ̄ ~ y u ' a w w i l u ̄ n a . ~(T h e ~ p e o p l e ~ o f ~$ this art agreed on conventional words and called them shudhur ["scattered pieces"] which are like cymbals to their poetic measures; within these they compose [their poems] and on them they rely.)

The sixteen shudhur that al-Banawānī lists now (I don't know if the number sixteen was chosen deliberately to refer to the sixteen meters of the Khalīlian metrics) are to be considered mnemonic expressions, from now on referred to as metrical units, which serve the zajal poet as an aid to measure the rhythm of his verses. It doesn't seem to be a coincidence that exactly these words have been picked because they occur in a considerable number of zajals, especially in the beginning verses. ${ }^{7}$ Thus they are especially apposite to zajal poetry because

[^2]they can be easily remembered and related to (fol. 3r, MS Paris; fol. 5v, MS Berlin, Wetzstein II 108):

1. nacshaq (--)
2. qamar ( $v-$ )
3. qamarī ( $\mathrm{v} \mathrm{v}-$ )
4. kallilī (- v-)
5. fī sh-shāric (- - -)
6. fīl-maḥalla (- v--)
7. mawazzūn (v--) or fīl-mawzūn (- - -)
8. bijunūkih or bijanūkih ( $\cup \cup--)$
9. man qāl anā (- -v-)
10. ḥubayyibī ( $v-v-)$
11. yā kalli kallī (- - v--)
12. kali l-mu'anbar $(\mathrm{v}-\mathrm{v}--)$
13. badr $(-)$ or badra $(-\mathrm{\cup})$
14. hal (-)
15. 'asharawāq ( $\mathrm{v} \cup \mathrm{v}-)$
16. jibn-ə țarī (- v v -)

In the manuscripts every single one of these metrical units is written alternately with red and black ink in order to make the distinction between them clearer. Because some forms may appear ambiguous, al-Banawānī as well as other zajal specialists, or in his words ahlu hādhā l-fanni, take great pains in detailing or rather calculating how these metrical units should be scanned. The basis for the calculation of the derivational forms is the word na'shaq and its 'aks ('counterpart") qamar (fol. 3r, MS Paris): fa-hādhihi sittata 'ashara shadhratan 'alayhā madāru mawāzīni l-zajali wa-kulluhā min lafzati nåshaq. (The zajal meters depend on these sixteen metrical units, which are all derived from the word na'shaq.)

Now he defines five basic operators with their respective long and short syllables inherent to them that are used to form the combined terms which are listed below:
fa-inna nisffahā hal ("half of it is hal" equaling one length)
wa-thalāthatu arbā'ihā badr or badra
wa-kulluhā nacshaq
wa-'aksuhā muḩarrakan qamarī (the last radical is vowelized with a long vowel, written as $y \bar{a}$ in the manuscripts)
wa-thalāthatu arbā'i 'aksihā qamar
The following nine forms are combinations of the aforementioned basic operators which are given in parentheses:

```
    wa-niṣfuhā muḍāfun ilā thalāthi arbā'i 'aksihā kallil\overline{l} (hal + qamar)
    wa-niṣfuhā mud\overline{a}fun ilā kullihā fī-sh-shāric (hal + na`shaq)
    wa-thalāthatu arbā`'i 'aksihā ma`a niṣfihā mawazzūn (qamar + hal)
    wa-thalāthatu arbā`ihà ma'a kullihā fī-l-mahallah (badra + na`shaq)
    wa-`aksuhā ma'a nişfihā bijunūkih (qamarī + hal)
    wa-kulluhā ma'a kullihā wa-wāwu al-'atfi baynahā yā kalli kallī
(na`shaq wa na`shaq)
    wa-thalāthatu arbā`'i 'aksihā marratayn ma'a niṣfihā kali l-mu'anbar
(qamar + qamar + hal)
    wa-niṣfuhā ma'a 'aksihā jibn-z țarī (hal + qamarī)
    wa-thalāthatu arba'i 'aksihā muḥarrakan ma`a nişfiha\overline{a}mamdūdan
'asharawāq (qamara + hāl)
```

The terms in parentheses represent the exact syllable structure of the combined terms. Three of the sixteen metrical units listed above are not explained: (7) fīl-mawzūn, (9) man qāl anā, and (10) ḥubayyibī.

In some cases, I was not sure how to exactly read the metrical units alBanawānī lists. Luckily he helps us with some detailed explanations on this matter: thumma ja'alū min dhālika sākinan wa-muḥarrakan [and not as may be expected mutaharrikan] laysa ka-sākini sh-shicri wa-muḥarrakihi bal iṣtilāḥan wajacalū lahu qācidatan fa-mā kāna thānīhi sākinan sammawhu sākinan wa-mā kāna thänīhi muḥarrakan sammawhu muḥarrakan (fol. 3r, MS Paris). (Then they distinguished between quiescent and moving letters not as the quiescent and moving letters in the canonical poetry but as a [new] convention, which became a rule for them. Accordingly, they call a metrical unit sākin when its second letter is quiescent and they call it muharrak when its second letter is moving.)
fa-yusammūna na'shaq wa-kallilī, wa-badr wa-hal wa-fī-l-maḥallah wa-fī-shshāric wa-man qāl anā wa-jibn-る țarī wa-yā kalli kallī sākinan wa-yusammūna qamar wa-qamarī wa-ḥubayyibī wa-bijunūkih wa-kali l-mu'anbar wa-mawazzūn wa'asharawāq muharrakan. (Therefore they call na'shaq and kallilī and badr and hal
 quiescent and they call qamar and qamarī and ḥubayyībī and bijunūkih and kali l-mu'anbar and mawazzūn [therefore to be read mawazzūn with a moving second letter and not mawzūn, as one might suppose, with a quiescent second letter] and 'asharawāq [not 'ashrawāq because then the second letter would be quiescent].)

In yā kalli kalli the second letter (the alif) is considered quiescent. In the case of mawazzūn and fīl-mawzūn al-Banawānī’s reasoning is not clear: in the list of metrical units with moving letters only mawazzūn is given, whereas the Berlin manuscript has $f \bar{i}-l-m a w z u \bar{u}$ in the list of sixteen metrical units but does not include it in the distinction between metrical units with sākin and muḥarrak.

## A Long-Syllable Zajal on the Throes of a Married Man by Ibrāhīm al-Mímār

While Thomas Bauer, Anke Osigus, and I were working on the edition of Ibrāhīm al-Mi'mār's dīwān, we were surprised to find three zajals that consist exclusively of long syllables. One of these is an eighteen stanza-long zajal tāmm (a zajal with a matlac or beginning verse) on a married man who can satisfy neither his wife nor his lover. Only once, in the sixth stanza, does al-Micmār use a short syllable in the word yaqūl. All the other cases that might be read short boil down to instances of wa- ("and") and the $a$ - of ana ("I"), which are read long.

Of course, zajals are particularly prone to having more long syllables than poems in classical Arabic mainly because $i^{c} r a \bar{b}$ is largely absent. ${ }^{8}$ One might argue that a freak version of the mutadārik (- -) is at work here, which is normally scanned like this: $v u-$,but there is a far better solution to the issue at hand. Let's have a look at the first verses of the poem:


In transliteration the verses would read like this:
mā nā llā fī sh-shiddah
afrigh fīhim sammī
wa-bqā khirqah marmī fī ṭūl dhīki l-muddah
min 'ilqī wa-l-kuddah
ṣaffawnī min dammī
"Oh my, I am in a plight // because of my sweetheart and the woman
I empty my poison in them // and end up a torn towel discarded
// they sucked my blood
during all this time"
Kuddah is a term used for women, especially beggar women; 'ilq means "precious one" and is known, at least since Abū Nuwās, as the passive lover in homosexual relationships. The reading of the first words in verse one as mān $\bar{a} l l \bar{a}$ instead of $m \bar{a}$ 'an $\bar{a}$ 'illa results on one hand from the avoidance of the disjunctive hamzah in zajals, which became a general rule. Exceptions to this rule are, however, allowed-a phenomenon that can be observed in this zajal, too. ${ }^{9}$ Another reason is the homogeneous metrical structure of the poem that I will describe later, which suggest this reading.

[^3]When scanned with the mutadārik or with the metrical unit called nashaq in al-Banawānỉs treatise that likewise consists of two lengths, we get this picture for the whole stanza:

$$
\begin{aligned}
& --/--/--/ /--/--/-- \\
& --/--/--/ /--/--/--/ /--/--/-- \\
& --/--/--
\end{aligned}
$$

Yet the structure of the verses suggests a more effective and elegant solutionif we use the metrical unit called $f \bar{i}$-sh-shāric $(---)$, as suggested by al-Banawānī, the metrical setup would rather look like this:

```
- - - / - - - // - - - / - - -
- - - / - - - // - - - / - - - // - - - / - - -
- - - / - - -
```

The reason why this scansion with three long syllables is more appropriate than the mutadārik with two (--) or the metrical unit nacshaq by al-Banawānī is that it consists of larger homogeneous units that break up the verse into two parts or feet. There is something else to the metrical structure of the verses: stress. Reading the verses while paying attention to stress, the basic metrical unit becomes $-\dot{-}-$, which is exactly the way the metrical unit $f \bar{i}$-sh-shâric by al-Banawānī is scanned: ${ }^{10}$

$$
\begin{aligned}
& -\dot{\prime}-1-\dot{\sim}-/ /-\dot{\prime}-1-\dot{\sim}
\end{aligned}
$$

$$
\begin{aligned}
& \text { - }-1-1-\dot{-}
\end{aligned}
$$

mā nâ llā / fī sh-shíddah //
min 'ílqū / wa-l-kúddah
áfrigh fī- / -him sámmī // wá-bqā khir- / -qah mármī // ṣaffáwnī / min dámmī
fī ṭ̂ul dhī- / -ki l-múddah

As we see from the scansion of the verses, the stress is always on the penultimate syllable of every metrical unit - - - except for the first two verses after the matlac which follows a different pattern that will be discussed later. This makes it especially appropriate for scanning $-\dot{\prime}-/-\dot{-}$ - instead of $--/--/--$. Another strong indication for the preference to be given to the scansion $-\frac{-}{-}$ is the recurrent appearance of words consisting of three syllables and having the stress

[^4]on the penultimate syllable. In the poem there are many of these forms, as the two verbs in the second verse (wa-trábbat / wa-tqáyyad) of the three verses that directly follow the opening stanza demonstrate:

mimmà nīk ayrí nhadd wa-trábbat wa-tqáyyad aktúb lū shī yímtadd
"Of what my penis fucked it got wrecked / and strapped and fettered / so I write something [an amulet] that it get long again"

Both verbs are of the tafa"al-type which are pronounced in pausa with an initial $a$ - and a quiescent - $t$ - in dialect: atrábbaṭ, atqáyyad. Together with the preceding $w a$ - the transliteration reads as given above. As we see, every three-syllable word accounts for one metrical unit with stress on the penultimate syllable.

Apart from this obvious division into two units of three syllables each based on verb forms from the tafa"al-type, it happens often that this bipartite division is corroborated by word boundaries that are situated between the two three-syllable units; see for example in the first stanza: mā nâ llā / fī-sh-shíddah, aktúb lū / shī yímtadd, min 'ílqī / wa-l-kúddah, ṣaffáwnī / min dámmī, mimmã nīk / ayrî nhadd. This division according to word boundaries accounts for the majority of the metrical units in this zajal.

So, how consistently does al-Mímār use this metrical structure in his zajal? At the end of a verse the metrical unit - - - is the only one used with the exception of the last metrical units of verses with separate rhyme in stanzas nos. 8, 13 , and 16. These three stanzas show stress on the ultimate syllable ( $--\dot{\prime}$ ), thus coinciding with al-Banawānī’s metrical unit fīl-mawzûn, which suggests that alMímār diversifies the primary metrical unit $f \hat{\imath}$-sh-shāric ${ }^{c}$ with a secondary one, $f \bar{i}-$ l-mawzûn. Most probably al-Mímār wanted to liven up the monotonous cadence of ever-recurring $f \bar{i}$-sh-shäric units throughout the eighteen stanzas of the poem. From the point of view of zajal poetics, the changing of metrical units within a poem is allowed if there is any in this case. ${ }^{11}$ Let's have a look at stanza no. 8:

wa-mmà mizra s-sūdân

farríghnā minnū dnān mimmázaq yā rayḥán
${ }^{11}$ Ibn Hijjah, Bulūgh, 98.
"As to the Sudanese beer / I emptied jars of it / which make me scream 'Oh Rayḥān' // Get up and turn a cheek to me"

A look at the metrical structure of the stanza reveals the following pattern:

$$
\begin{aligned}
& -\dot{\prime}-1-\dot{\prime}
\end{aligned}
$$

The last feet of the three verses with separate rhyme all clearly have the accent on the last syllable as in $f \hat{i}-l-m a w z u ̂ n$, while the other five metrical units of the stanza adhere to the primary metrical unit $f \hat{i}$-sh-shâric.

Apart from these regular occurrences of the secondary unit $f \bar{i}-l$-mawzûn at the end of the verses in stanzas nos. 8, 13, and 16, al-Mi'mār uses it another five times as the first metrical unit of a verse, two of which occur in the fī-l-mawzûn-stanza no. 13 (qālat hăk in verse one and ibn an-năs in verse two), where the verses with separate rhyme already show this type at the end of each verse, as we have seen above. That leaves us with three instances of this unit used elsewhere in the poem, namely in stanza two, verse three: wa-ysh hū n-náyk, which could possibly also be scanned as wa-ysh hú n-nayk; in stanza six, verse two: li-l attfál; and in stanza ten, verse one: wa-l-mayshûm.

As said above al-Mímār employs a third pattern in some verses: The first verse after the maṭlac is scanned: áfrigh fī̄- / him sámmī //wá-bqā khir-/-qah mármī. Of this type I found four further instances: stanza five, verse one: áyrì mínhā ázlá; stanza seven, verse two: nár ${ }^{〔} \bar{u}$ mínn $\bar{u}$ māris; stanza fourteen, verse four: yábqā má'hā nájdah; stanza sixteen, verse four: yákhrā 'índa l-‘uqdah. In all these cases he seems to apply another alternative stress pattern with three times the metrical unit náshaq $\left(-\dot{\prime}-I^{\prime}-I^{\prime}-\right.$ ).

Now, let's have a look at the numbers. In total the poem consists of 146 threesyllable units, 127 of which are of the type $f i \overline{\text {-shesh}}$-shäric and 14 belong to the $f i \bar{i}-l-$ mawzûn type ( 11 of which occur in stanzas where fīl-l-mawzûn is the exclusively preferred type at the end of the verse). In five cases the metrical unit ná'shaq was employed instead of $f \bar{i}$-sh-shāri. .

It should be borne in mind that the náshaq type does not change the accent of the last three syllables, which stays - - . Only the initial positions change, which means that changes in accent never occur in the crucial end-of-verse positions that always have $f \hat{i}$-sh-shāric (or the alternative $f \bar{i}$-l-mawzūn in the three stanzas mentioned above). As I mentioned earlier, Ibn Hijjah uses the same terms for metrical units as al-Banawānī and gives us some information on a similar issue in his Bulūgh, where he states that qamarī ( $v v_{-)}$cannot change into kallilī $(-v-)$ when it is placed in end-of-verse position: be it at the end of the first half of a verse, $\underline{d a r b}$, or the end of the second half of the verse, 'arūd. Yet in the hashw
("the inner parts") this is allowed: wa-min al-mamnū"āti 'indahumu l-intiqālu min "kallilī" ilā "qamarī" wa-huwa l-khabnu 'inda l-‘‘arūḍiyīn ka-l-intiqāli min "fāilun" ilā "fa'ilīn" fa-in kāna fī-l-ḥashwi jāza wa-in kāna fīl-qāfiyati allatī hiya l-‘arūḍu wa-ḍ-darbu 'addahu z-zajjālatu khaṭaan fī-l-wazni. ${ }^{12}$ (The shift from kallilī (- v-) to qamarī ( $v_{\mathrm{v}}-$ ) is forbidden among them. This is called khabn among the experts of 'arūd where it is like the shift from fácilun to fa'ilīn. So if this occurs in the inner part (hashw) then it is allowed, but when it occurs in the rhyme, either in the 'arūd ("last foot of the first hemistich") or in the darb ("last foot of the second hemistich") then the zajal experts deem it an error of meter.)

This rule which resembles rules on meter variation in qarīd poetry, of which there are many also in al-Banawānī's treatise, supposedly contradicts the one that I mentioned earlier on: namely, that a poem may vary the meter in one and the same poem. It seems that the latter rule applies to the consistent use of a meter over larger portions of the poem, as is the case in our zajal, where the meter of three verses with separate rhyme in three stanzas differs from the meter of the kharjah of the same stanza and the rest of the verses in the surrounding stanzas.

## A Contrasting Zajal by Ibn Nubātah and Some Concluding Remarks

Zajal was truly not Ibn Nubātah's (686-768/1287-1366) favorite genre, as he only reluctantly agreed to compose one at Abū al-Fidā"s request. Abū al-Fidā’, or by his official title al-Malik al-Mu'ayyad (672-732/1273-1332), was the governor of Hamāh, a city where zajal poetry was very much appreciated-as a matter of fact one of the most famous zajal poets, 'Alī ibn Muqātil (d. 761/1359), hails from there. Ibn Nubātah wrote this laudatory zajal beginning with the opening verse lī habī̀b mā́u $\overline{\text { c }}$ 'uwaynāt ("I have a loved one that has sweet little eyes") in praise of Abū al-Fidā’ and included it in his anthology Muntakhab al-Hadīyah as well as in his dīwān. ${ }^{13}$ Compared with the zajals by Ibrāhīm al-Mi'mār or al-Ghubārī (d. 741/1341), another widely acclaimed zajjāl from Egypt, Ibn Nubātah is rather conservative in the sense of qarīd-like in his choice of themes, verse structure, and use of vernacular: only the consistent use of pausal forms, the ending $-\bar{u}$ for $-h u$, the absence of the disjunctive hamzah, and a clumsy Andalusicist zab ("now") in the beginning verse mark it clearly as a zajal from the point of view of language. Interestingly, Ibn Hijjah praises it as the best of its genre because it supposedly contained none of the "errors" typically committed by other zajal authors. It is

[^5]one of the few not of his own making that Ibn Hijjah included at full length in his Bulūgh. ${ }^{14}$

The whole poem can be scanned unequivocally as ramal (-v--) with the alternative patterns ( $v v--)$, (-v-v), and ( $v v-v$ ) also occurring several times. In al-Banawānī's nomenclature this would correspond to the metrical unit $f i ̄-l-$ mahallah (- v - -). In this respect, too, Ibn Nubātah made a conservative choice by sticking to the conventions of the Khalīlian system, an important fact considering that zajjälūn had a rich array of resources for meter (as we have seen in the discussion of al-Banawānī's poetics above) but also for verse structure and verse arrangement at their disposal. By way of illustration, other zajjālūn composed verses that had the length of one verse foot or one word; furthermore they followed conventions on alternation of verse length and inner verse structure in order to create special rhythmic effects within the stanza. ${ }^{15}$

When it comes to stress, the verses of Ibn Nubātah's zajal have the accent on the penultimate syllable of every verse foot in the majority of the cases but not in the same regular way as is characteristic of al-Mi'mār's zajal. Verse-end positions in al-Mímār's poem were totally free of variation of stress except in the three verses of the three strophes where he used stress shift from the penultimate to the ultimate syllable homogeneously through all three verses, thus achieving a more regular rhythm over the whole poem. This is not so for Ibn Nubātah: in 38 out of 104 feet he diverges from the basic accent on the penultimate; of these 19 are in verse-end position. Here also Ibn Nubātah seems much closer to qarīd than zajal poetry, as his adherence to the Khalīlian ramal and its specific variants seems to favor quantitative over stress-based scansion, thereby establishing a stronger rhythm than the former.

One of the conclusions that can be drawn from the above is that regularity, rhythm, and meter in zajal are not only limited to quantitative scanning of the verses but include to a large degree stress, verse structure, and verse arrangement, which are integral to the rhythmic and musical composition of the zajal even if its meter is "sufficiently" characterized by the quantitative scansion provided by the Khalīlian system, as in Ibn Nubātah's zajal. This being said, it seems that some zajals, like the one by al-Mi'mār, attach more importance to rhythm and musicality. When considered that most of the zajal experts from Ibn Sanā̉ al-Mulk to Ibn Hijjah to Ibn Sudūn state that zajals were sung, the enhanced musicality of some zajals should not surprise us. This becomes particularly obvious in zajals where Khalīlian meters do not fit the pattern of a poem, like Ibrāhīm al-Mi'mār's zajal discussed in this article and many other zajals, which according to al-Banawānī

[^6]and Ibn Hijjah are governed by a basic set of sixteen metrical units that have hitherto been unaccounted for.

## Appendix

The following zajal (no. 541 in the dìwān) has been taken from the edition of Ibrāhīm al-Mi'mār's dīwān currently under preparation at the University of Münster under the supervision of Thomas Bauer. The sigla in the critical apparatus refer to the following manuscripts:

س = Escorial, árabe 463, fols. 78b-85b
e = Istanbul, Fatih 3793

- = Cairo, Dār al-kutub al-qawmīyah, Taymūr, shi'r 673
, = Dublin, Chester Beatty 5483
- = Tehran, Kitābkhānah-yi Millī
$\lrcorner \quad=$ London, British Library 8054
[0\&1]


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[^0]:    ${ }^{1}$ I am very grateful to my colleagues of the ALEA group at the University of Münster, who supported me with their valuable comments and suggestions.
    ${ }^{2}$ I refrain from giving a comprehensive account of the literature produced in this area. Suffice it to mention here the articles written by Corriente and the responses by Schoeler: Federico Corriente, "The meters of the Muwaššaḥ, an Andalusian Adaption of 'arūd," Journal of Arabic Literature 12 (1982): 76-82; Gregor Schoeler, "Ibn Quzmān's Metrik," Bibliotheca Orientalis 40 (1983), cols. 311-32; Federico Corriente, "Again on the Metrical System of muwaššahāt and zağal," JAL 17 (1986): 34-49; Gregor Schoeler, "Über die Metrik andalusischer und nicht-andalusischer zağals," in Festschrift für Hans-Rudolf Singer (Frankfurt, 1991), 2:887-909; Federico Corriente, "Further remarks on the modified 'arūd of Arabic Stanzaic Poetry (andalusi and non-andalusi)," FAL 28 (1997): 123-40.
    ${ }^{3}$ Margaret Larkin, "Popular Poetry in the Post-Classical Period," in Arabic Literature in the PostClassical Period, ed. Roger Allen and D. S. Richards (Cambridge, 2006), 205. On page 217, Larkin cites al-Qurayshī, the editor of Ibn Hijjjah's Bulūgh, who dates al-Banawānī's death to 837/1434.

[^1]:    ${ }^{4}$ Larkin, "Popular," 202.
    ${ }^{5}$ I have been able to consult three manuscripts of this work: (1) Berlin, Wetzstein II 108 (complete version); author is given as 'Abd al-Wahhāb ibn Yūsuf al-Kurdī (d. 860/1456). Although this is the most neatly written of the manuscripts available to me, it contains misspellings, blurs some of the key terms, and omits others, which makes it unreliable in some cases. (2) Wetzstein II 1768, which is incomplete, gives as the name of the author 'Abd al-Wahhāb ibn Yūsuf al-Yanawānī. The writer of this manuscript, which is bound together with a work on prayer times and the determination of the qiblah, left out parts of the introduction and the discussion of zajal theory. This becomes evident from the subsections of one chapter (fol. 40, last line: wa-hum fì bahrin min jahlihim yakhūdūn); in Wetzstein II 108 this sentence is followed by some explanations in rhymed prose on the origins of zajal. Instead, Wetzstein II 1768 jumps directly into the discussion of dotted and undotted letters in zajal poetry. (3) Paris, Bibliothèque Nationale 4454; the author is given as Tāj al-Dīn 'Abd al-Wahhāb ibn Yūsuf al-Banawānī al-Shāfi'í. The manuscripts that I was not able to consult yet are: (4) Princeton 408h; (5) Cairo, Ma'had al-makhṭūṭāt al-arabīyah, al-Azhar, adab 7211; and lastly (6) Istanbul, Millet 1127, fols. $47 \mathrm{~b}-68 \mathrm{~b}$, which gives $857 / 1453$ as the author's date of death.
    ${ }^{6}$ Wilhelm Hoenerbach, Die vulgärarabische Poetik des Safī̀addīn al-Hillī (Wiesbaden, 1956), 3. Gregor Schoeler follows Hoenerbach in his article on zajal in the Encyclopaedia of Islam, 2nd ed., s.v. Zadjal.

[^2]:    ${ }^{7}$ See, for example, a zajal by al-Ḥillī labelled as "Egyptian," which begins with the words nacshaq qamar: Hoenerbach, Poetik, 99; and the same in a zajal on love by ‘Īsá ibn Muḥammad ibn ‘Īsá al-Muqaddasī: "Kitāb al-jawhar al-maknūn," MS Escorial 459, fol. 31: na'shaq qamar fāqa al-milāh.

[^3]:    ${ }^{8}$ See, for example, Corriente, "Further Remarks," 126.
    ${ }^{9}$ Al-Banawānī, Paris ms., fol. 11a; see also Ibn Hijijah, Bulūgh, 76.

[^4]:    ${ }^{10} \mathrm{Al}$-Banawānī does not give any information on stress, yet the existence of two metrical units that both consist of three long syllables suggests that such a reading is possible. But even if such a distinction is not intended on the part of al-Banawānī, the evidence of this zajal is enough to demonstrate the importance of stress for the rhythmic structure of the verses of this poem.

[^5]:    ${ }^{12}$ Ibn Hijjah, Bulūgh, 97.
    ${ }^{13}$ Apart from this zajal only one other zajal, or bullayq as the heading reads, is known. It is located in the autograph manuscript of Ibn Ḥajar al-'Asqalānỉ's "Ziyādāt 'alá Dīwān Ibn Nubātah," Göttingen 80 Cod. MS arab. 179, fols. 59r-v.

[^6]:    ${ }^{14}$ Ibn Hijjjah, Bulūgh, 85, 91-93.
    ${ }^{15}$ See for example Hoenerbach, Poetik, 21, and Hakan Özkan, "The Drug Zajals in Ibrāhīm alMímār's Dīwān," Mamlūk Studies Review 17 (2013): 220-23.

