Sufism, Ritual, and Modernity in Egypt: Language Performance as an Adaptive Strategy

Michael Frishkopf (1999)

Appendix F: Analytical graphs

pp. 1230ff

Key to Hadra Types

- Bh: local Bayyumiyya hadra
- Bm: central Bayyumiyya hadra
- Jz: Jazuliyya hadra
- Jf: Ja`fariyya hadra

Total performance time
(Graph 1)
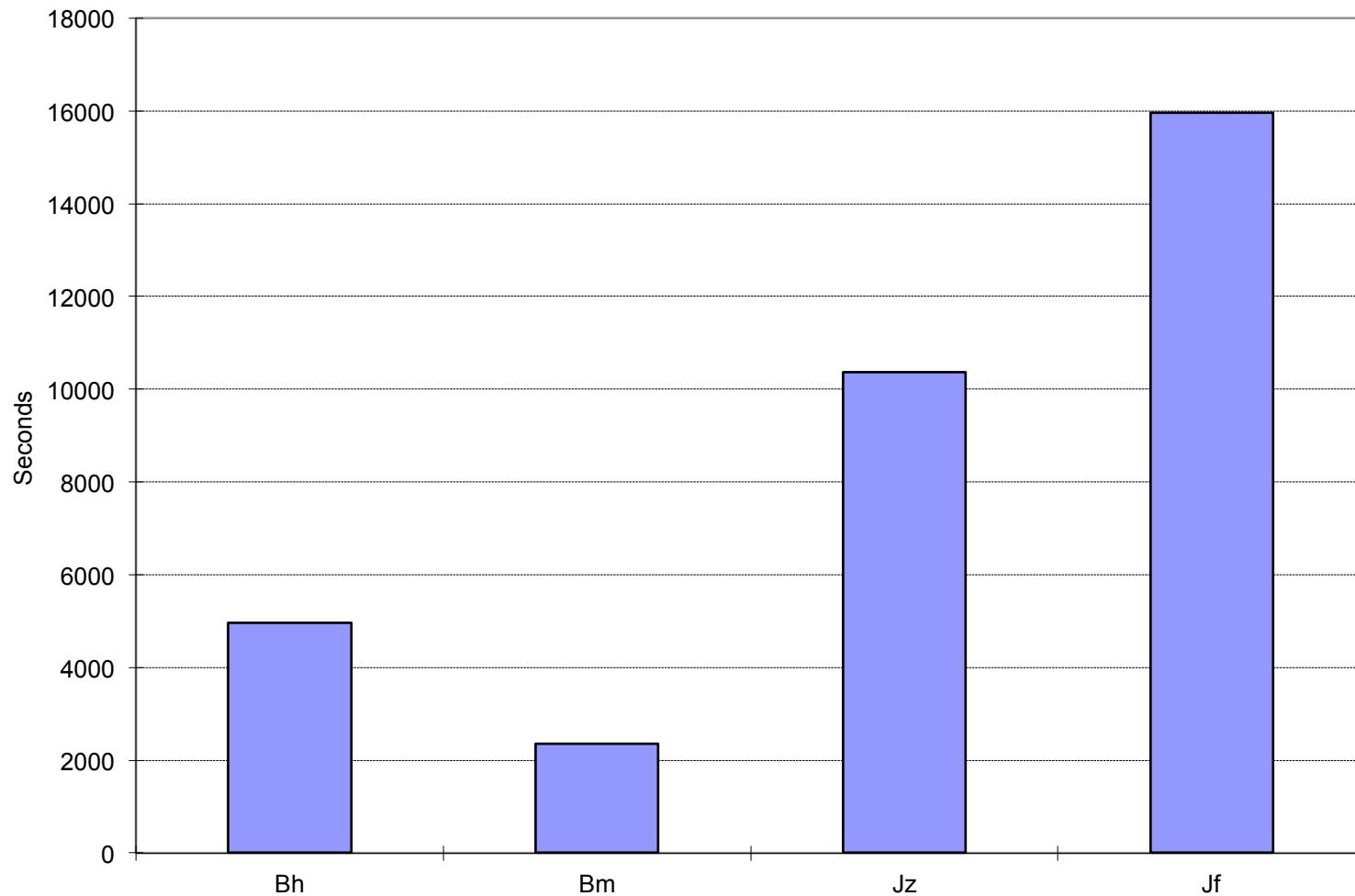
Absolute aggregate durations of disjoint LP categories
(Graph 2)

Legend: Bh, Bm, Jz, Jf

Y-axis: Seconds (0 to 9000)

X-axis categories: Hizb, Dhikr (alone), Inshad & dhikr, Inshad (solo), Inshad (group), Speech, Fawatih/ Ad`iyya, Other
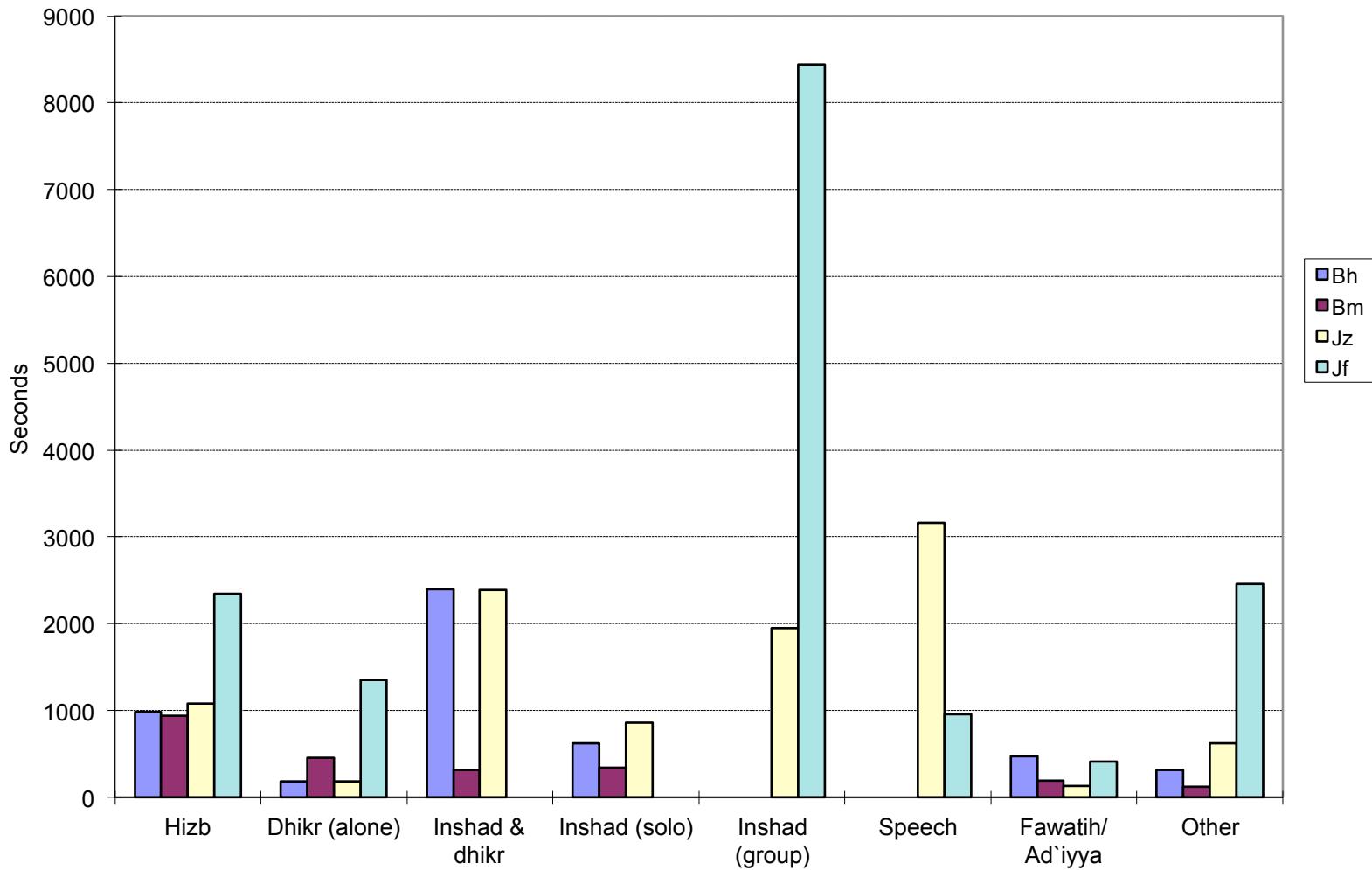
Relative aggregate durations of disjoint LP categories (I)
(Graph 3)
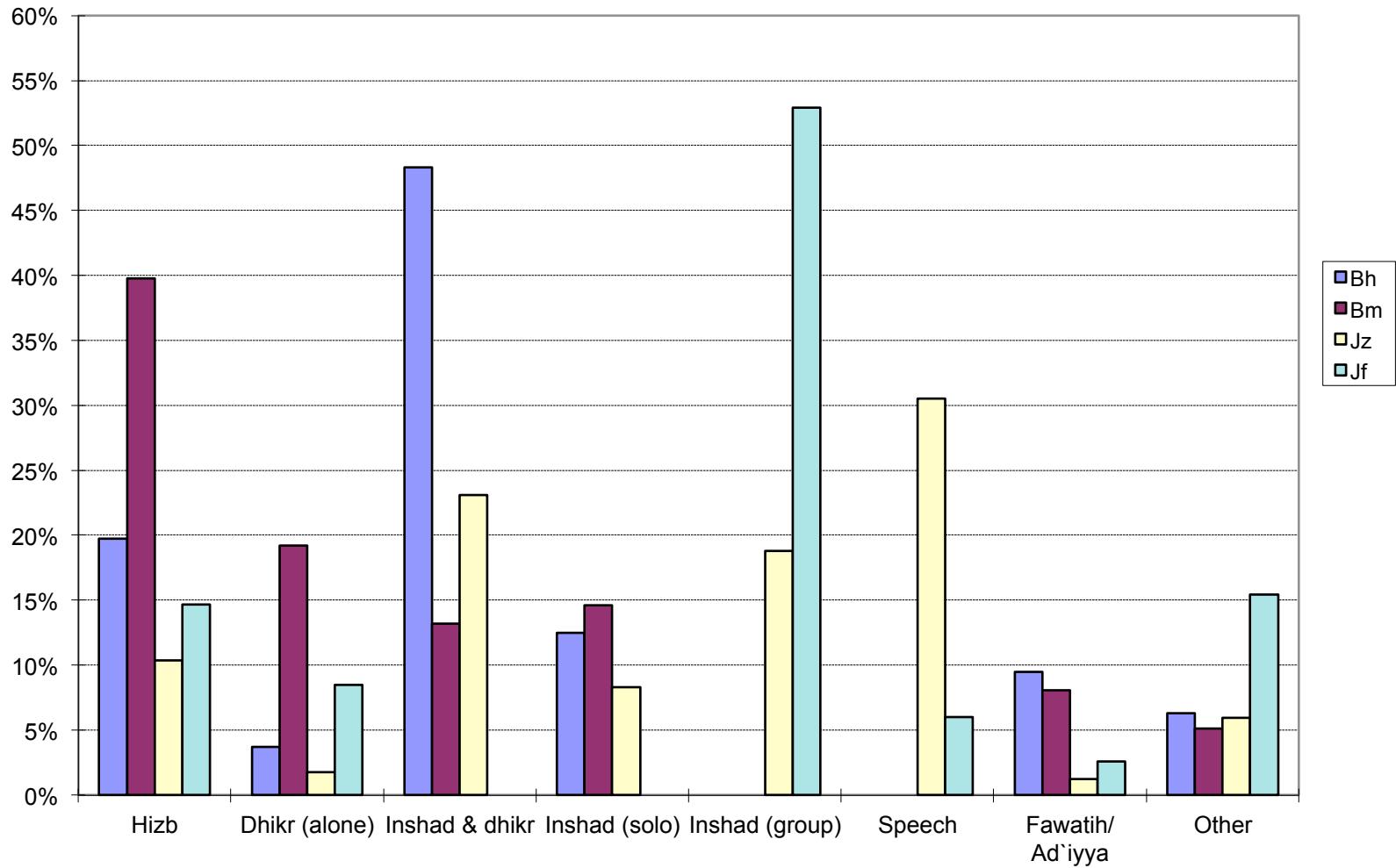
# Relative aggregate durations of disjoint LP categories (II)
(Graph 4)

Legend:
- Hizb
- Dhikr (alone)
- Inshad & dhikr
- Inshad (solo)
- Inshad (group)
- Speech
- Fawatih/ Ad`iyya
- Other

X-axis: 0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%

Y-axis categories: Jf, Jz, Bm, Bh
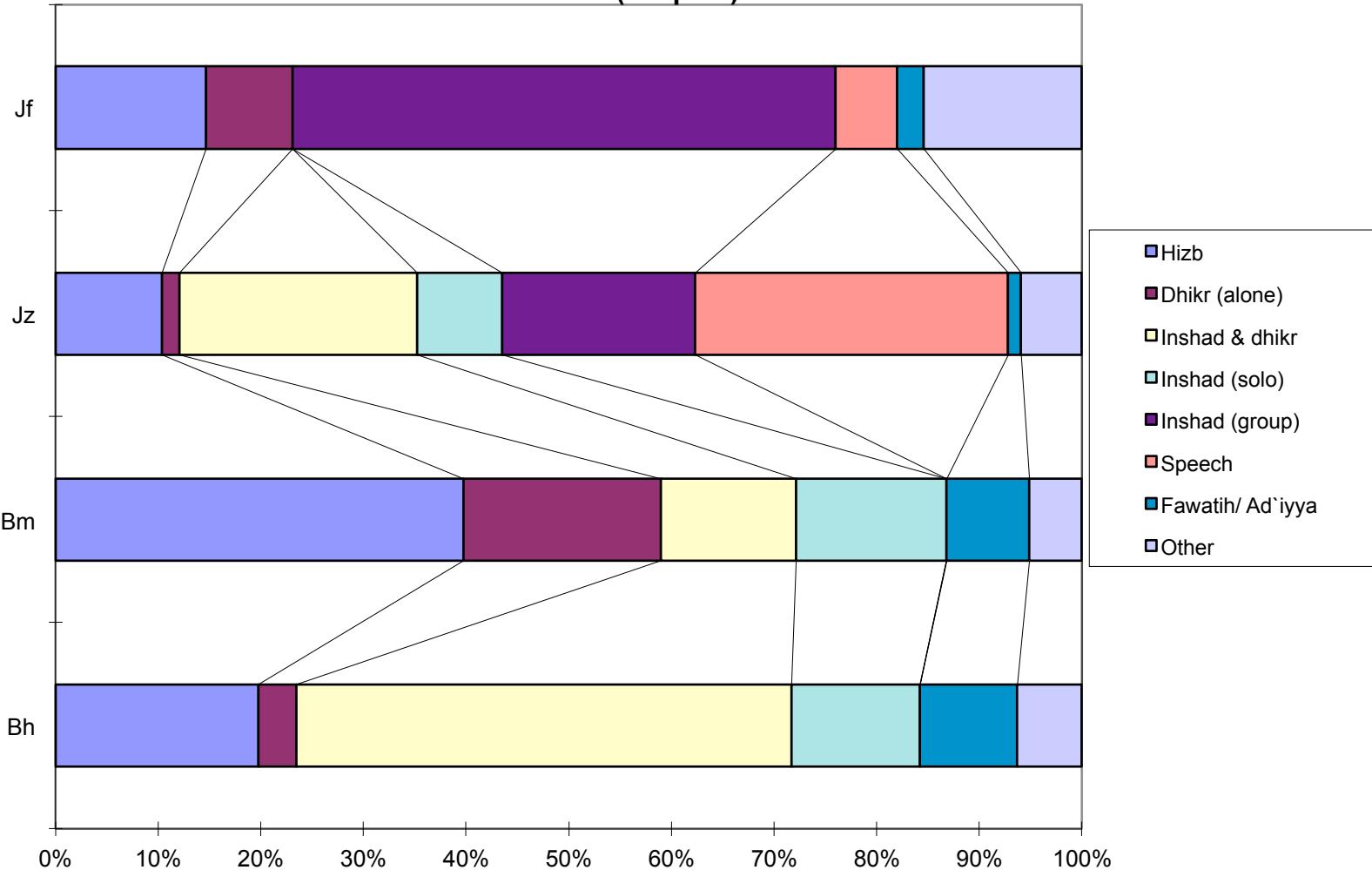
Relative aggregate durations of overlapping LP categories (Graph 5)
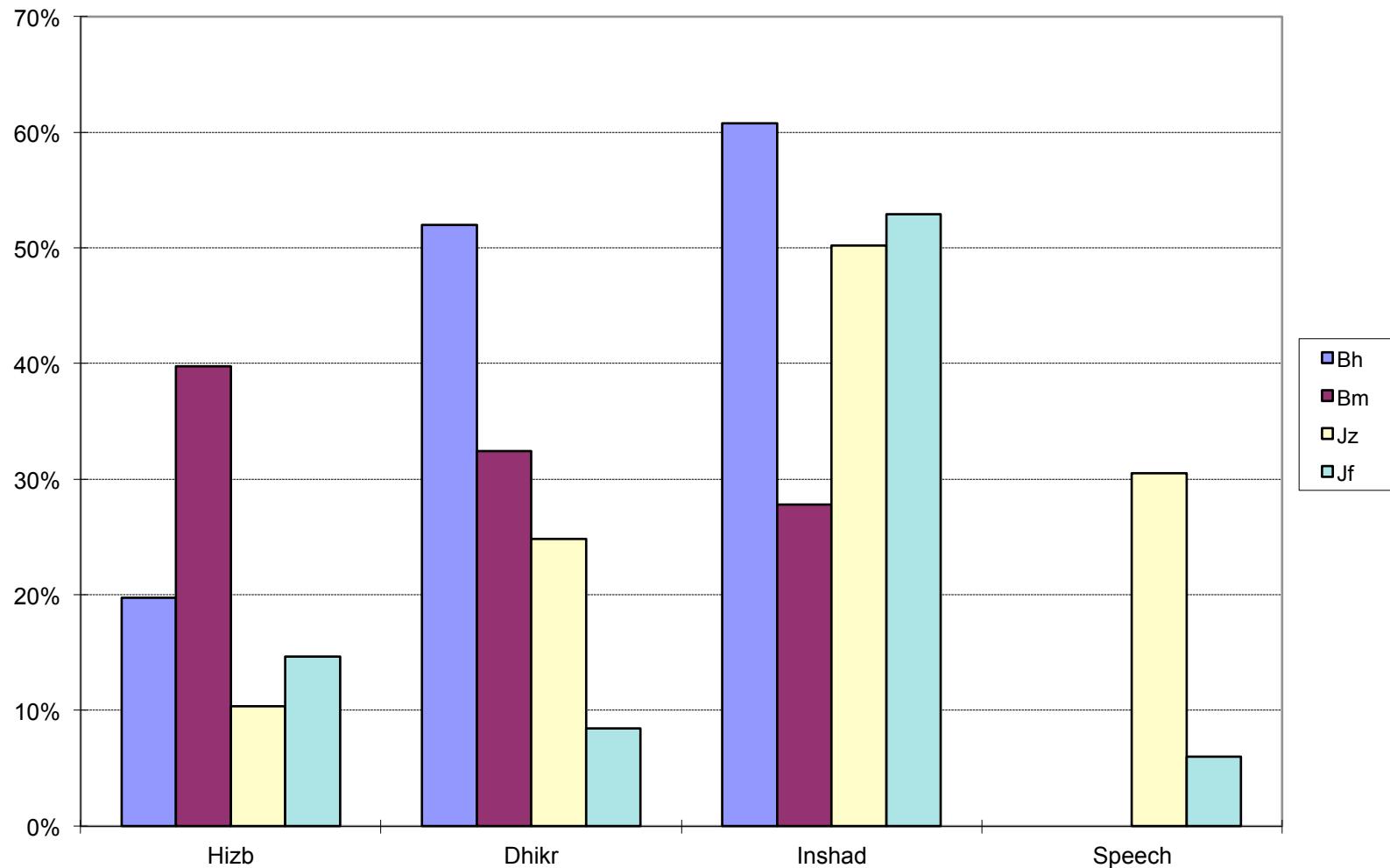
Relative aggregate durations of inshad categories (Graph 6)

Legend:
- Group inshad
- Solo inshad
- Inshad with dhikr

Categories: Bh, Bm, Jz, Jf
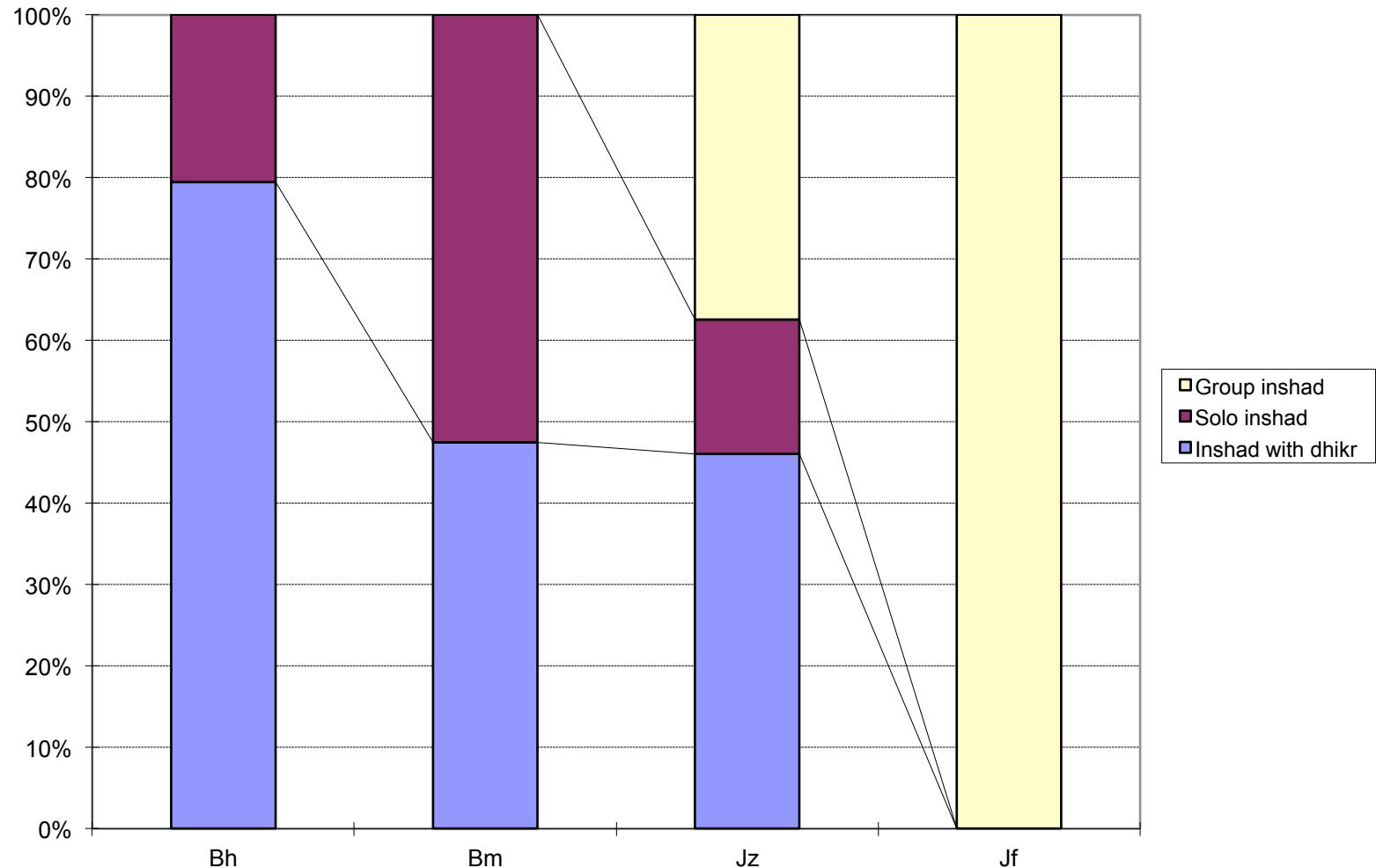
**Relative aggregate lengths of inshad text types
(Graph 7)**

Legend:
- Non-poetry in hadra
- Others' poetry in hadra
- Shaykh's poetry in hadra

Categories: Bh, Bm, Jz, Jf
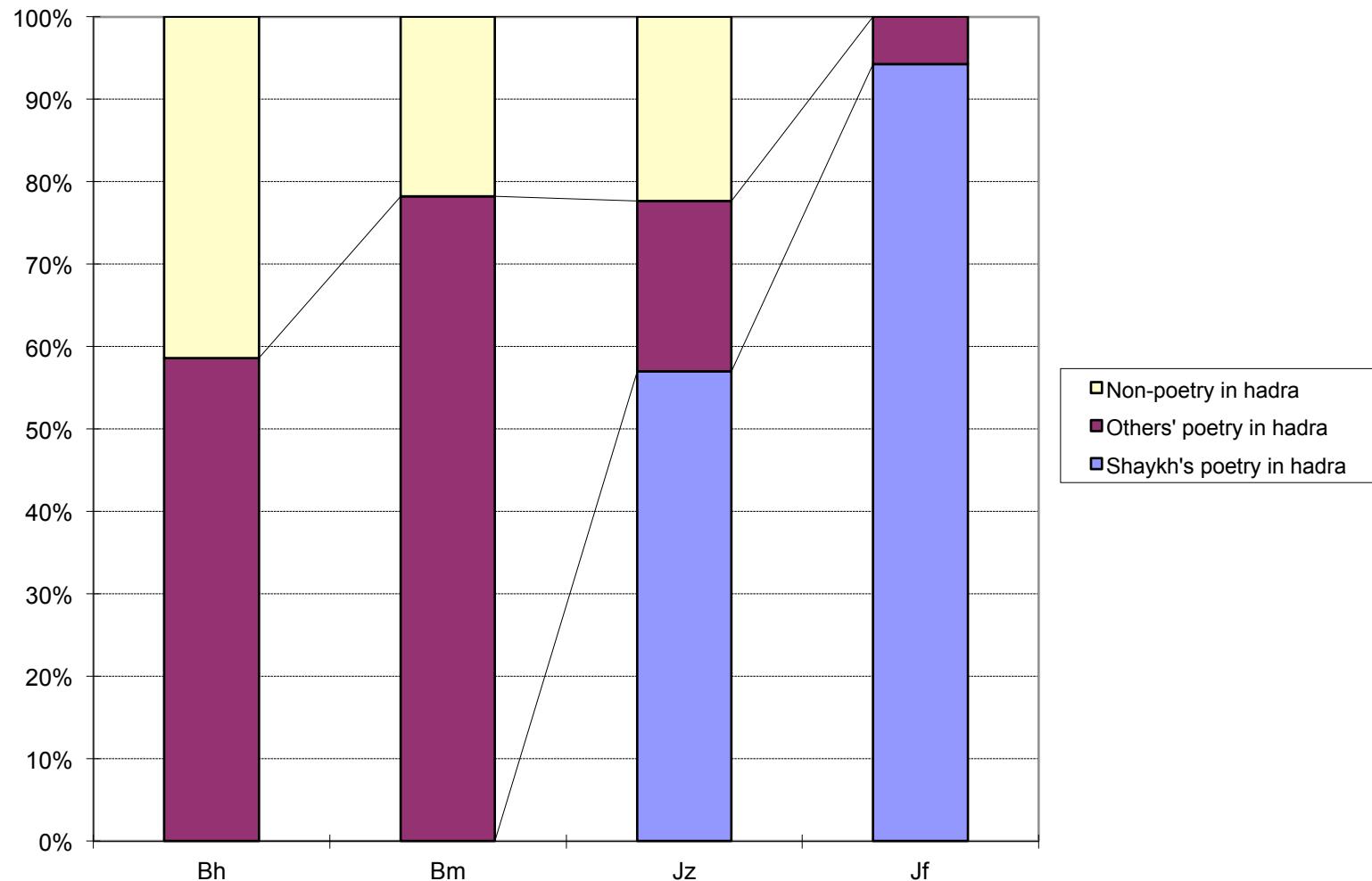
Relative aggregate durations of entropy levels
## (Graph 8)
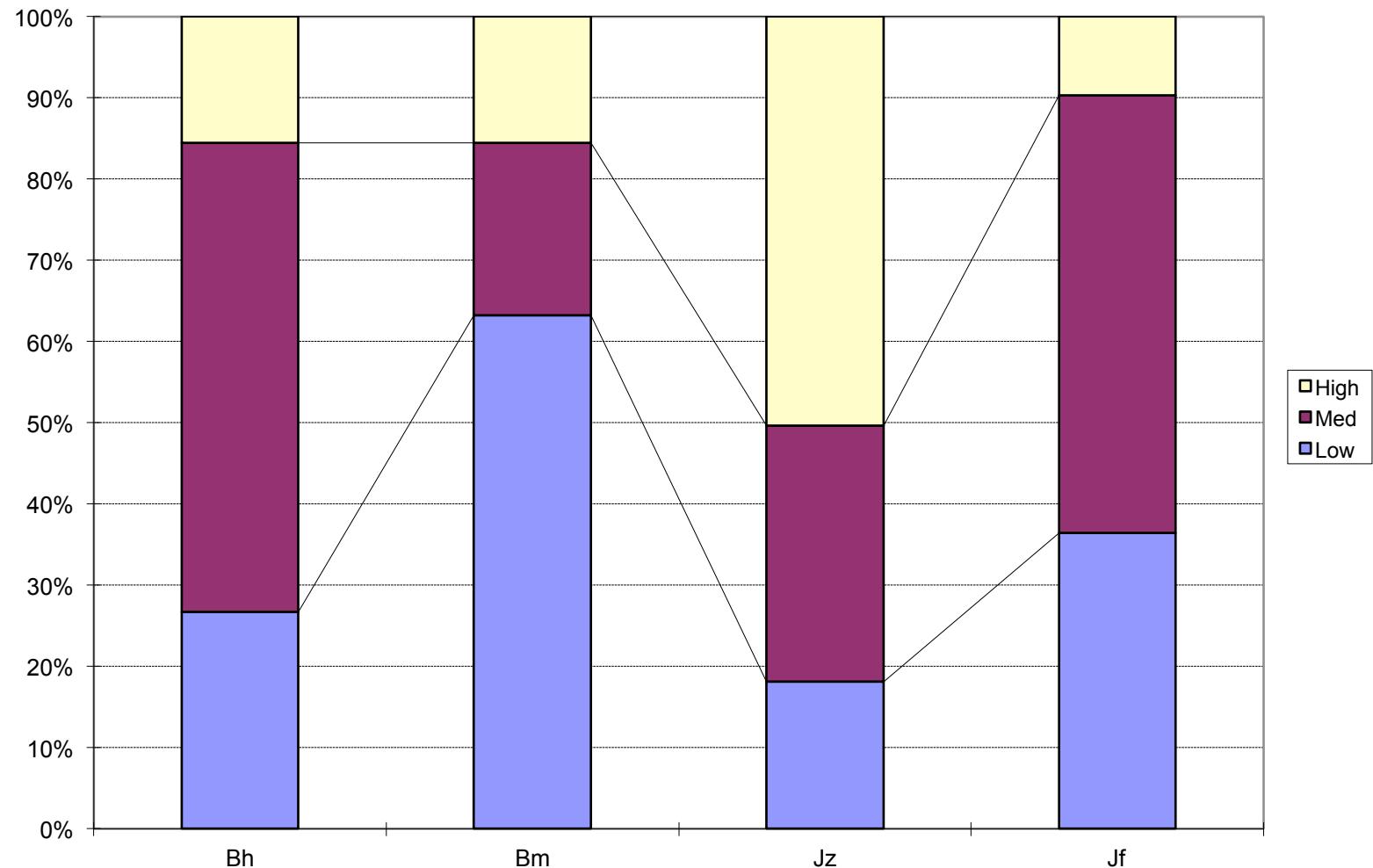
Average LPS durations
**(Graph 9)**
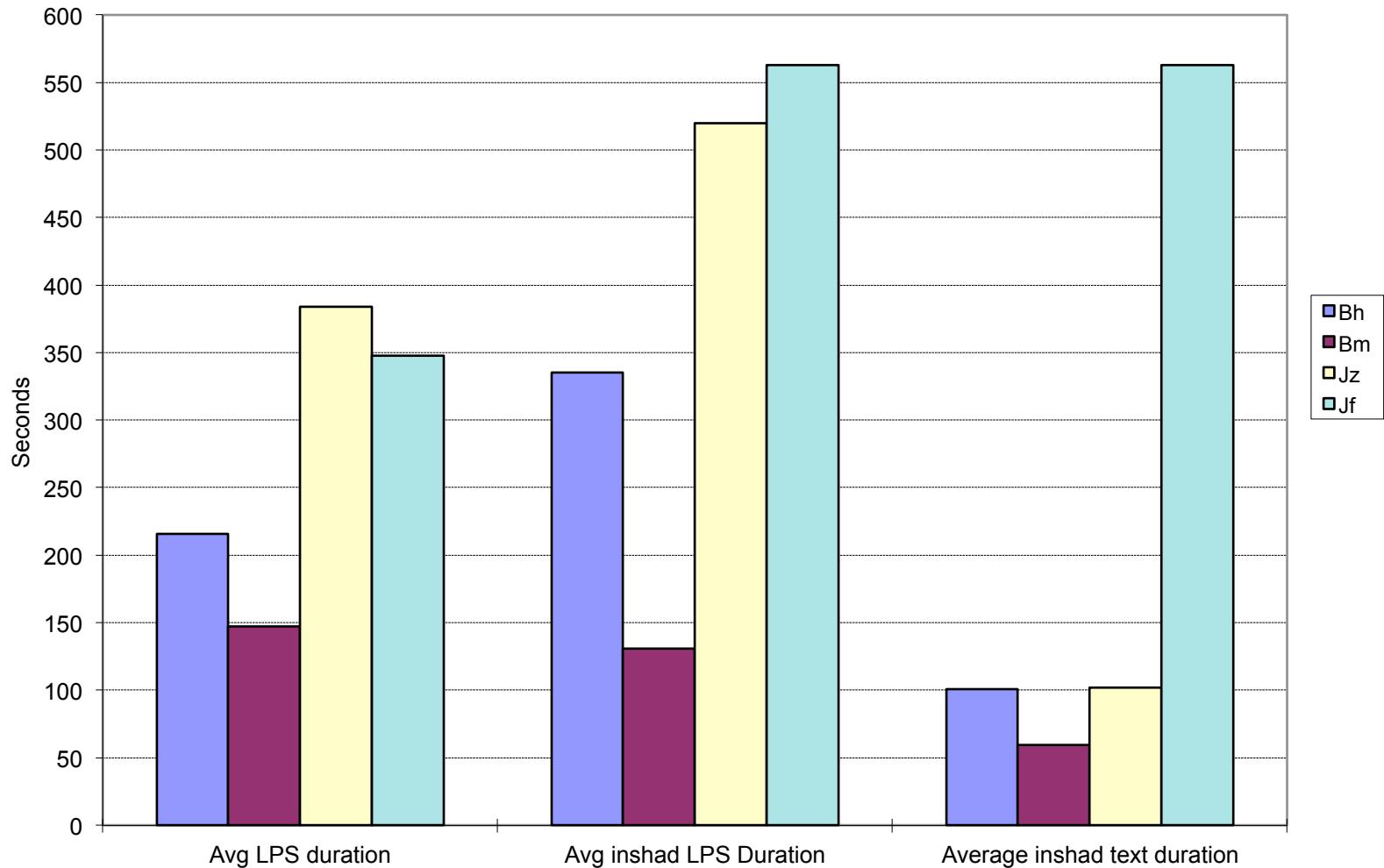
Average poetic inshad text segment length
## (Graph 10)
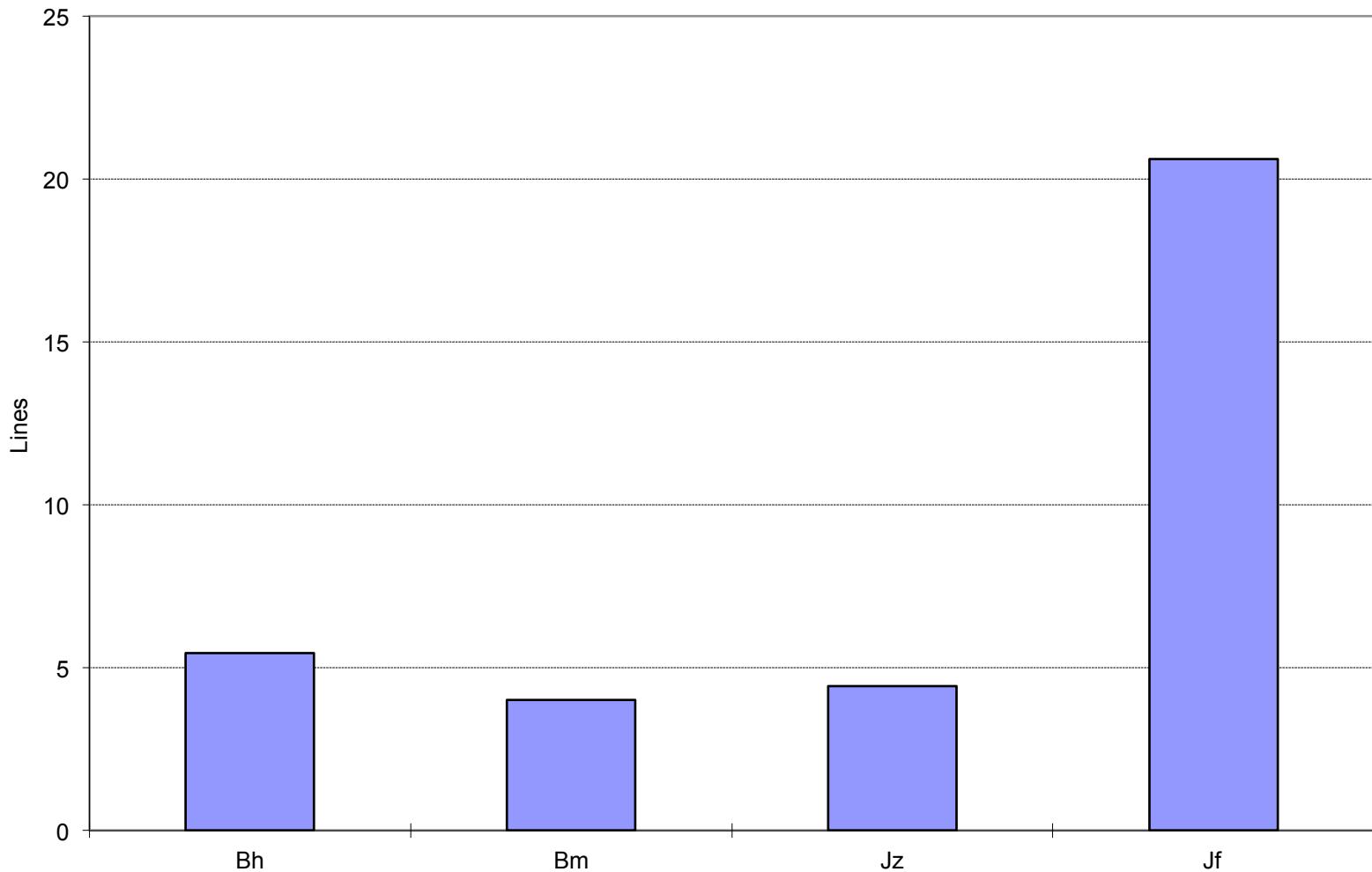
Text rate in inshad LPSs
## (Graph 11)
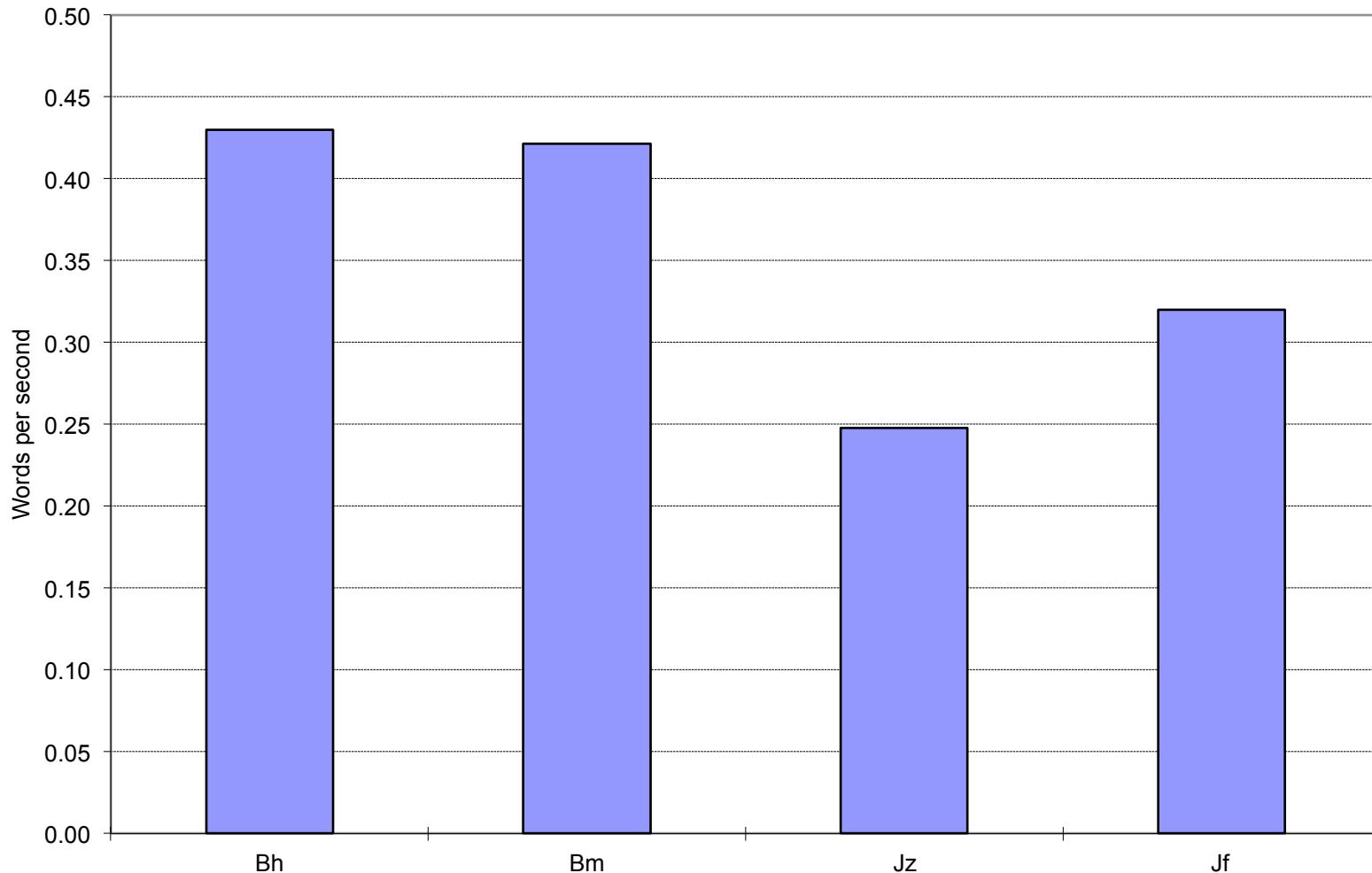
Inshad language level
(Graph 12)
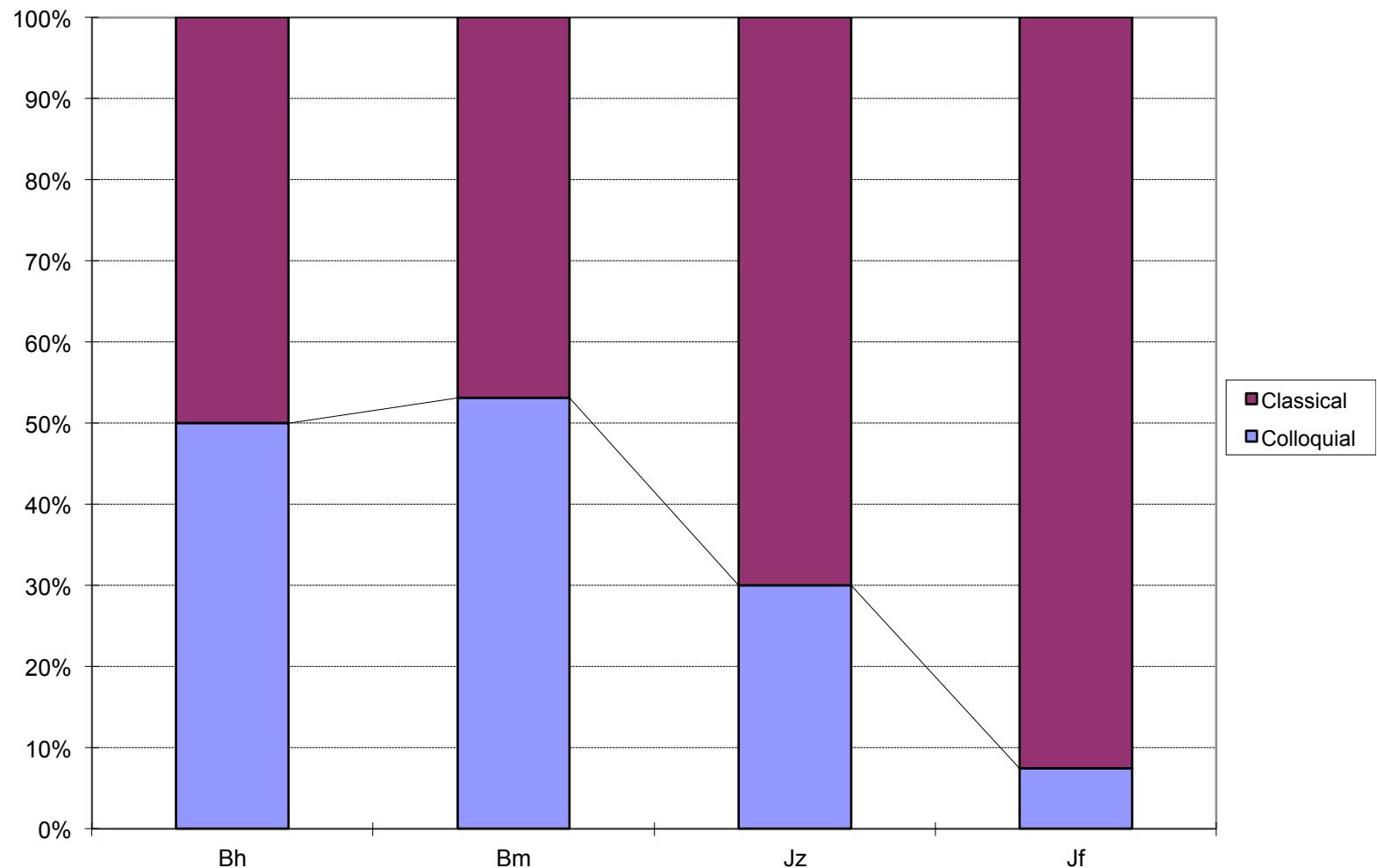
Heterodox symbols: total absolute density
(Graph 13)
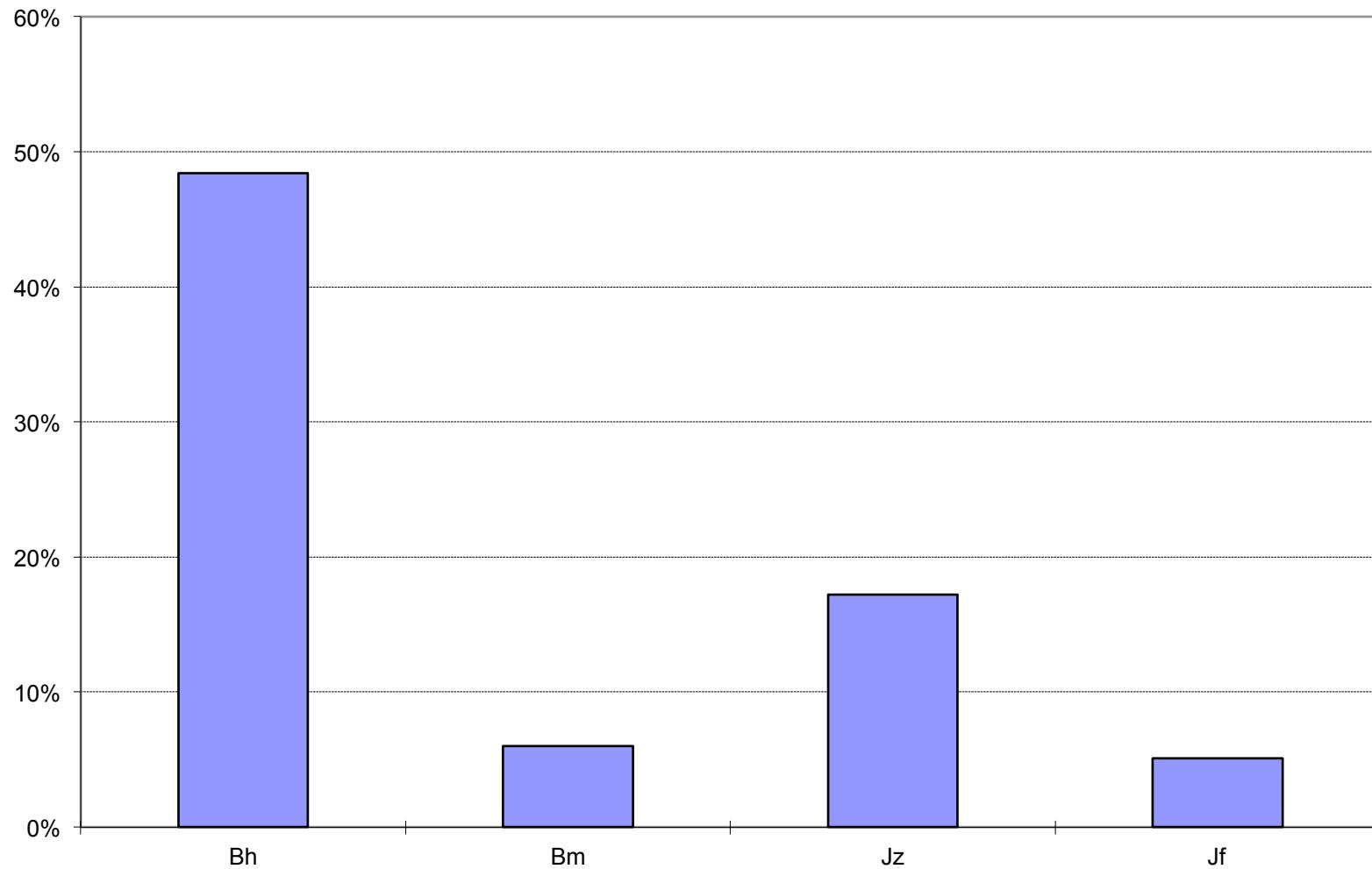
Heterodox symbols: absolute density by symbol
(Graph 14)
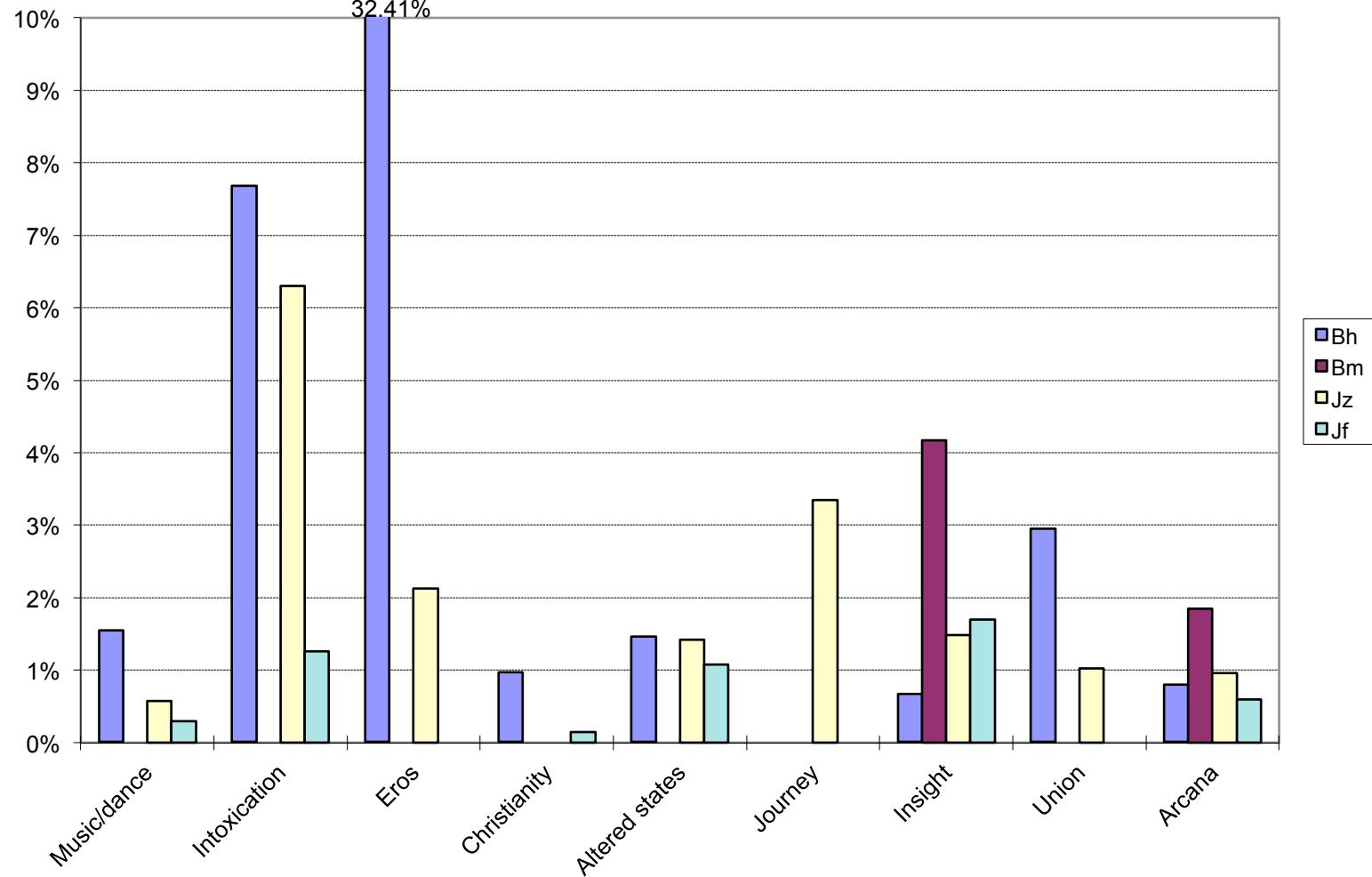
Legend: Bh, Bm, Jz, Jf

Categories: Music/dance, Intoxication, Eros (32.41%), Christianity, Altered states, Journey, Insight, Union, Arcana

**Heterodox symbols: absolute density by symbol
(normalized by category)
(Graph 15)**

Legend: Jf, Jz, Bm, Bh

Categories: Music/dance, Intoxication, Eros, Christianity, Altered states, Journey, Insight, Union, Arcana
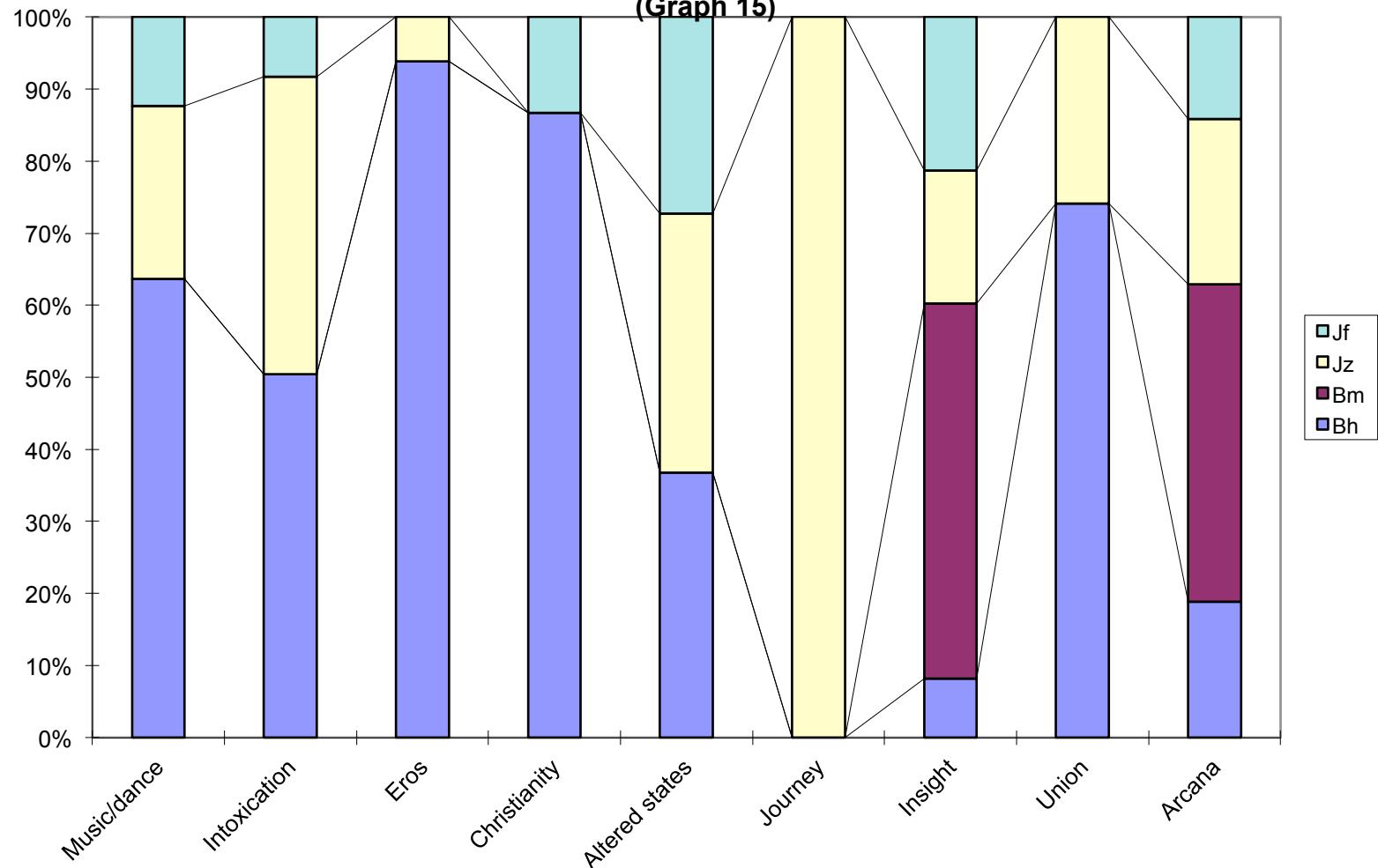
Heterodox symbols: relative density by symbol
(Graph 16)

**Heterodox symbols: relative density by symbol (normalized by category) (Graph 17)**

Legend: Jf, Jz, Bm, Bh

Categories: Music/dance, Intoxication, Eros, Christianity, Altered states, Journey, Insight, Union, Arcana
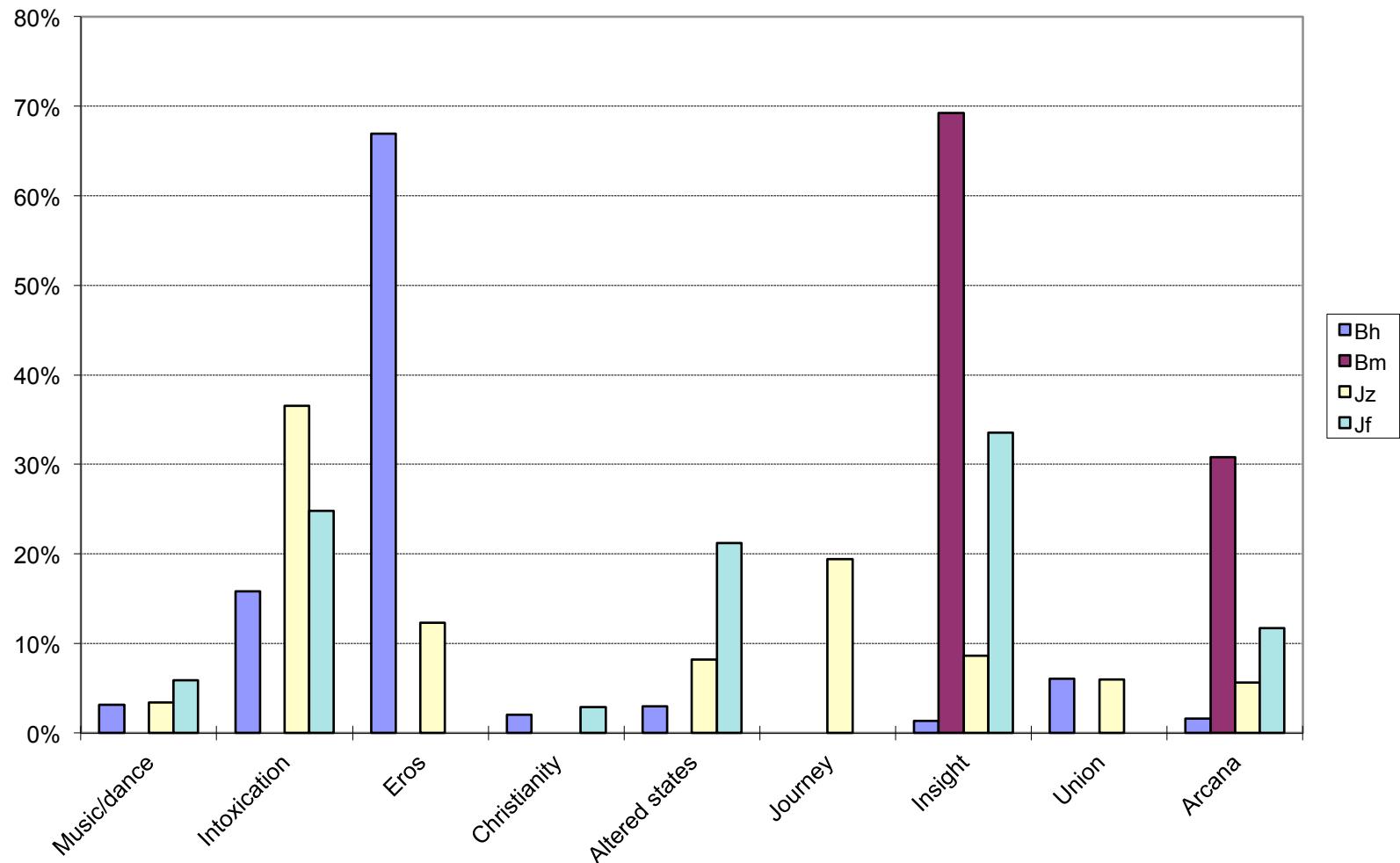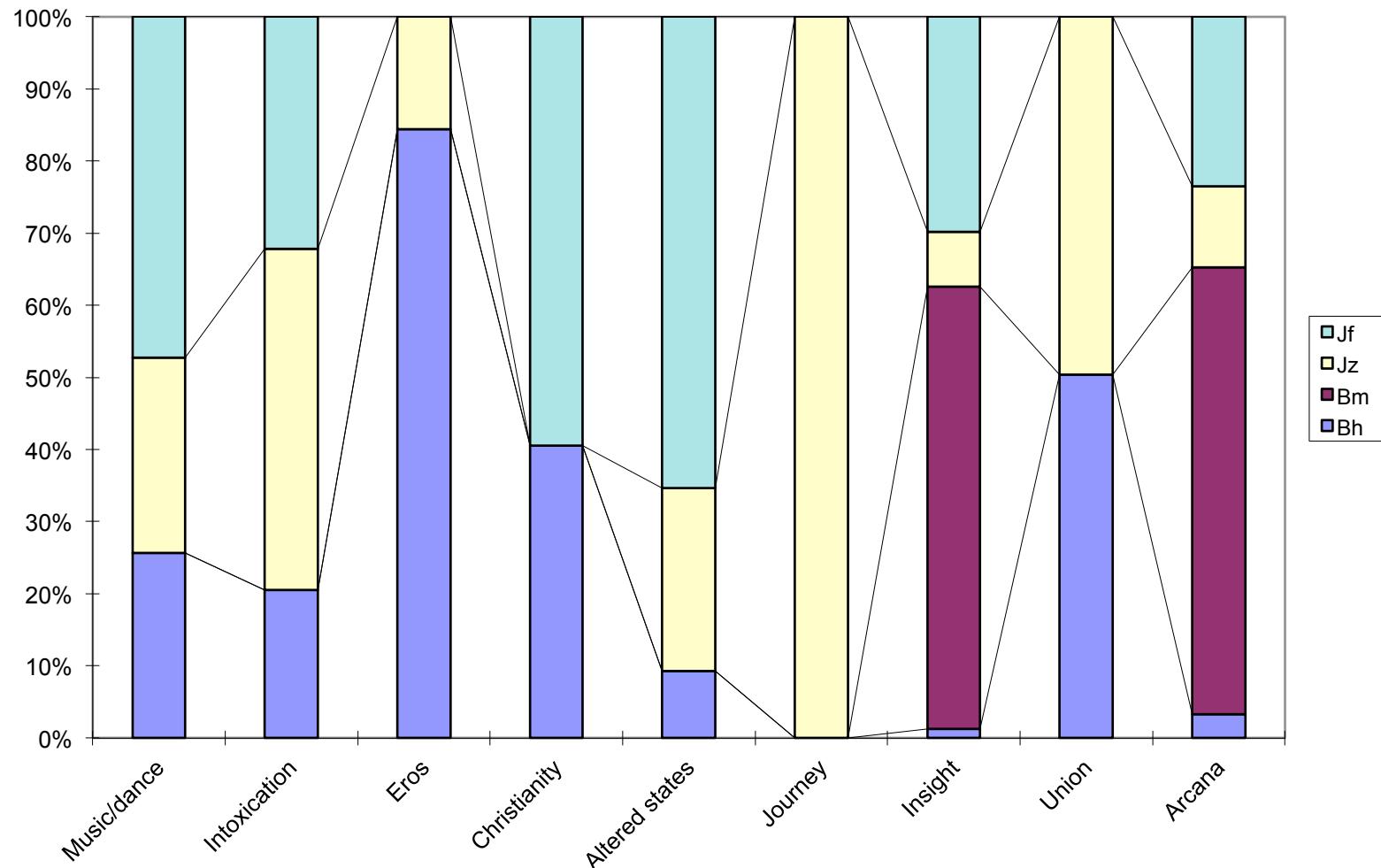
Usage of assertional themes, percentage of total lines (I)
(Graph 18)

Legend: Bh, Bm, Jz, Jf

Categories: Mysticism, Love, Praise, Supplication, Exhortation
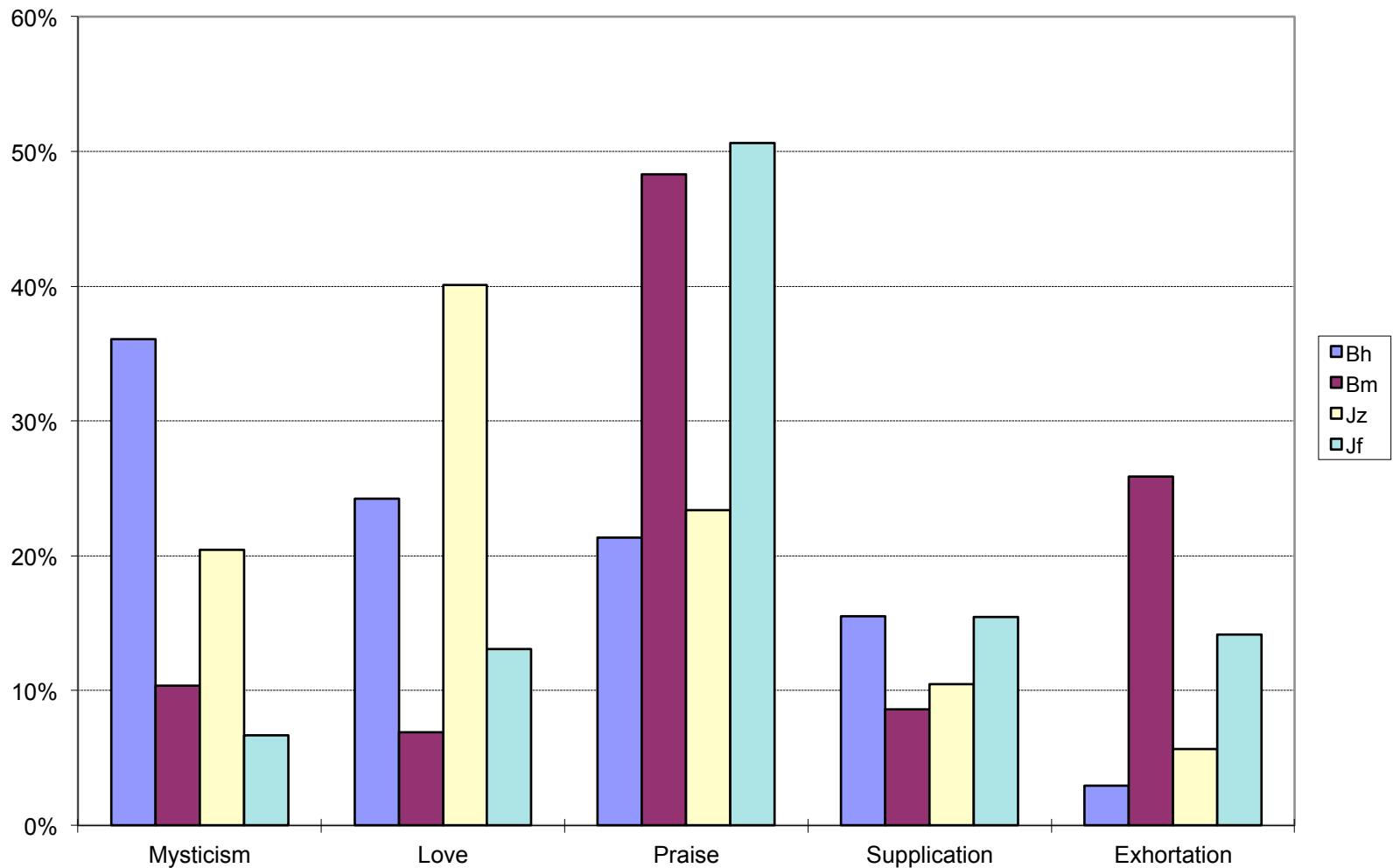
Usage of assertional themes, percentage of total lines (II)
(Graph 19)

Legend:
- Exhortation
- Supplication
- Praise
- Love
- Mysticism

Categories: Bh, Bm, Jz, Jf
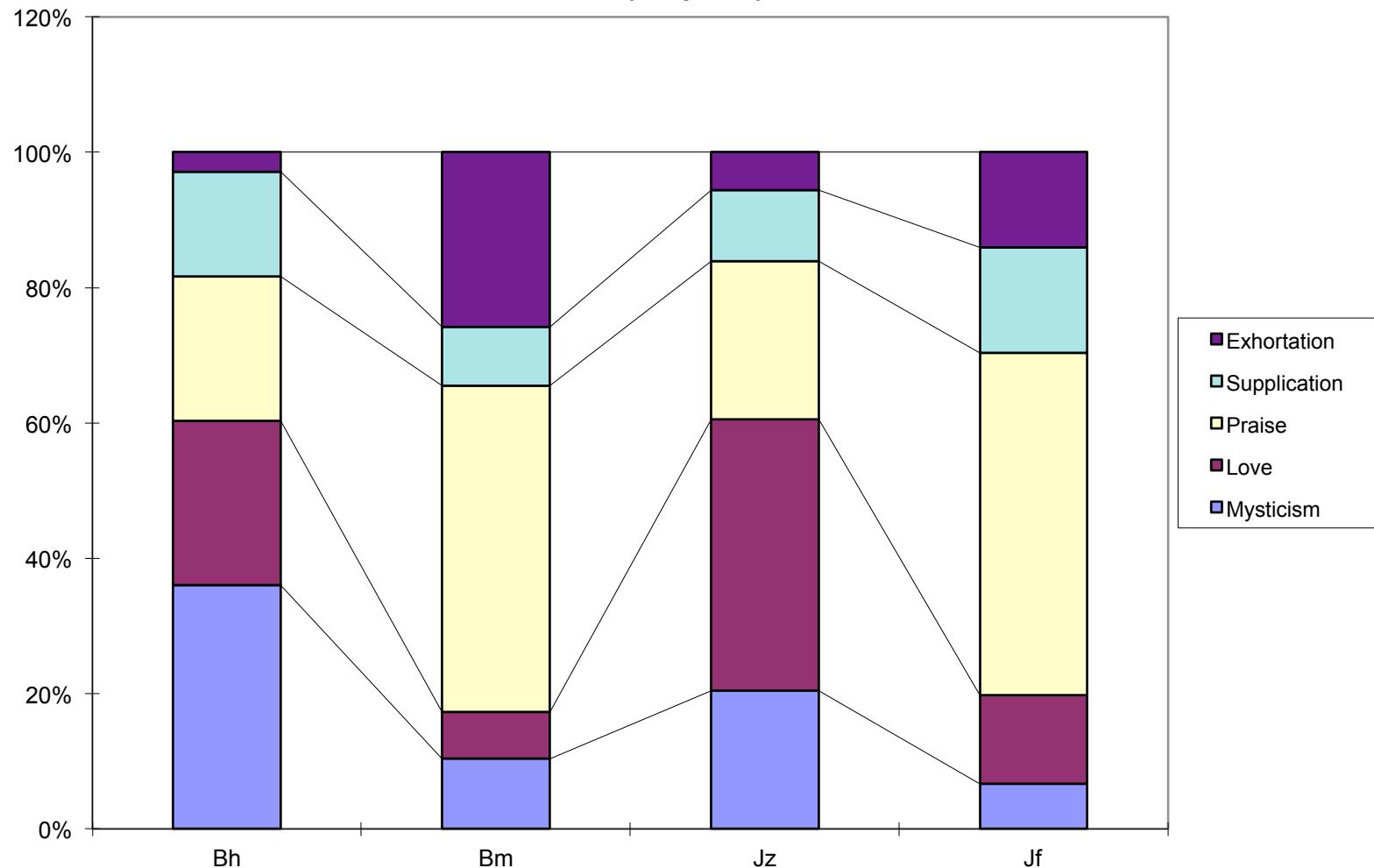
Reference and referent densities
(Graph 20)
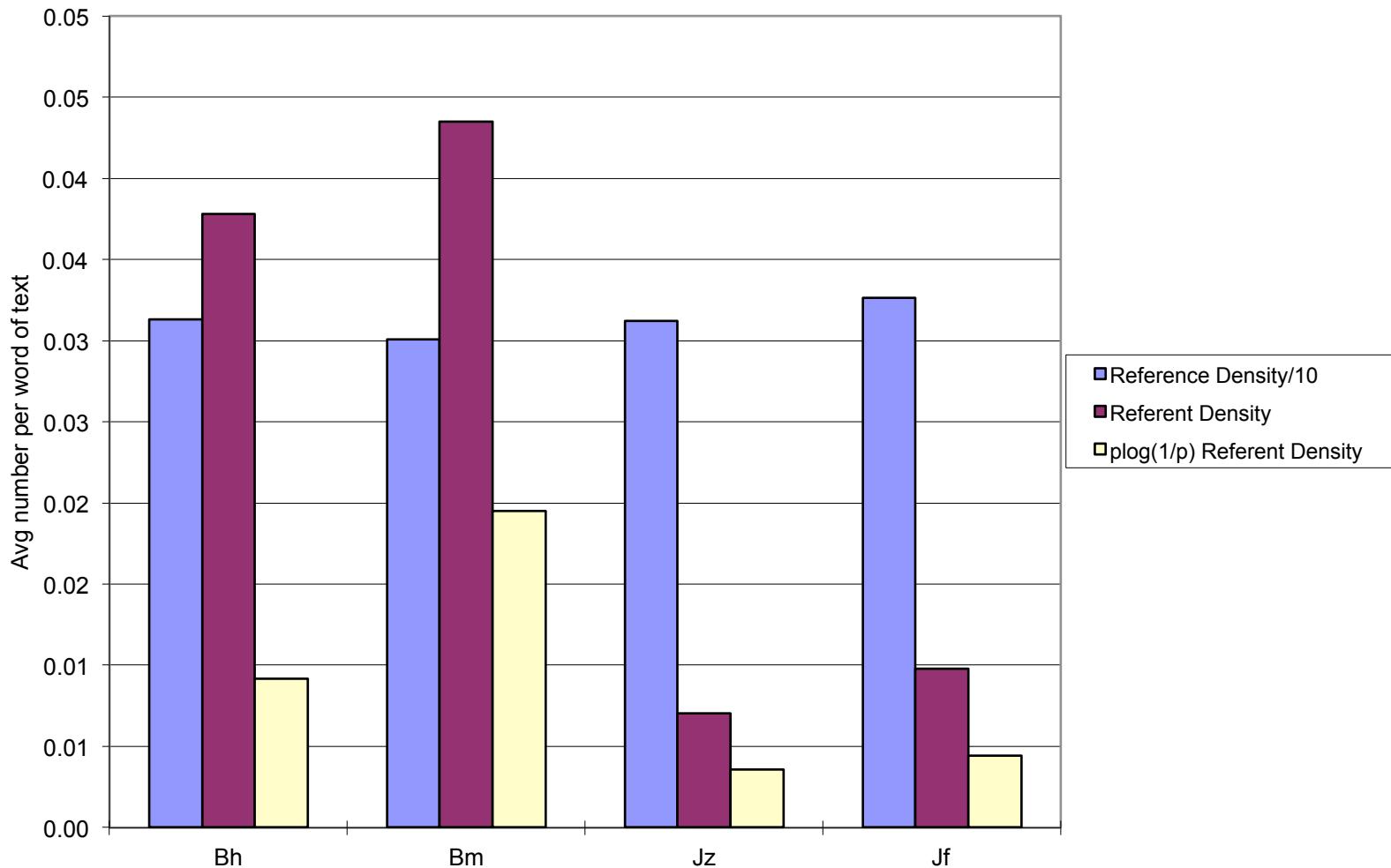
**Referent counts
(Graph 21)**

Legend:
- Referent count
- plog(1/p) referent count
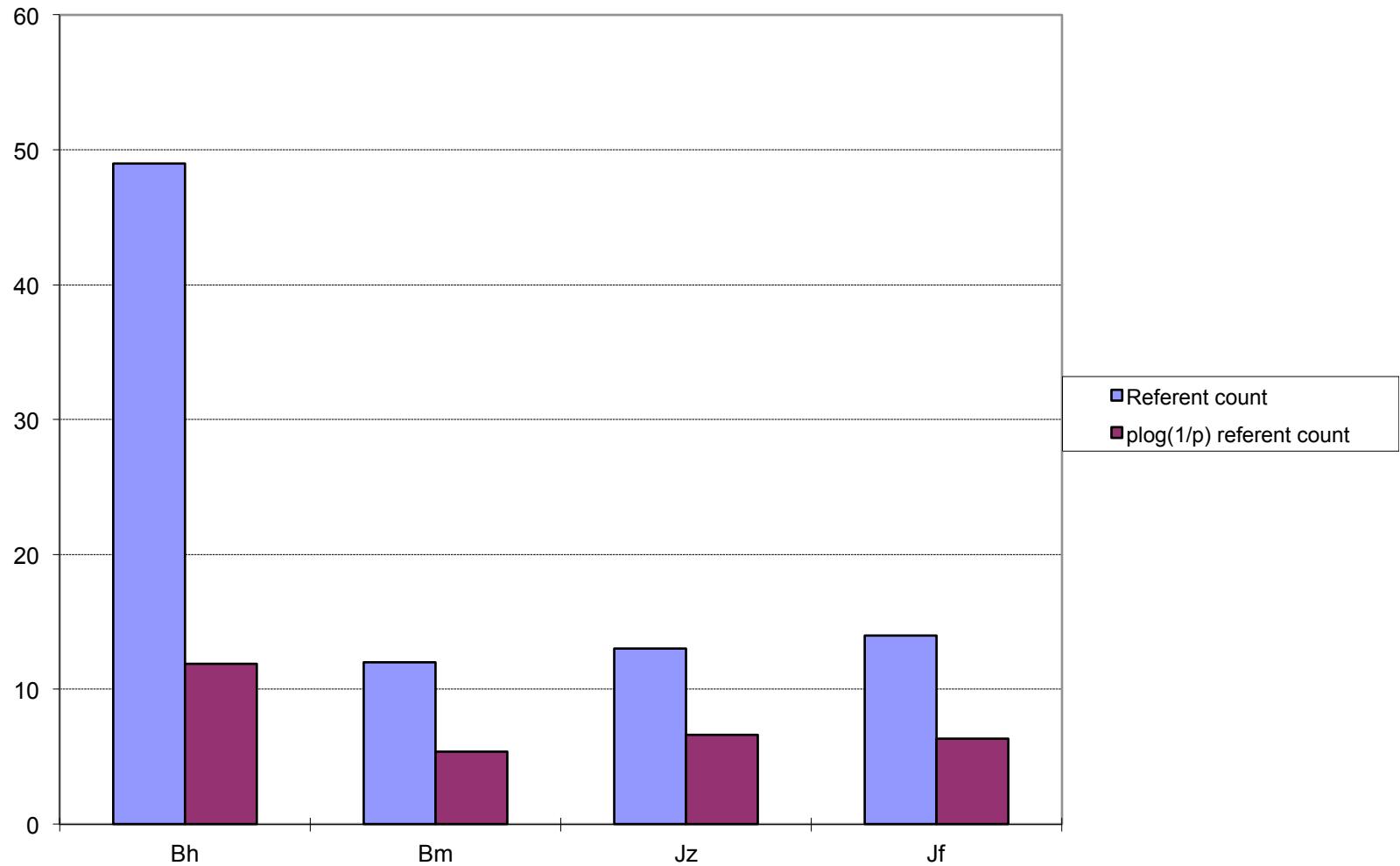
**Bh reference frequencies
(Graph 22)**
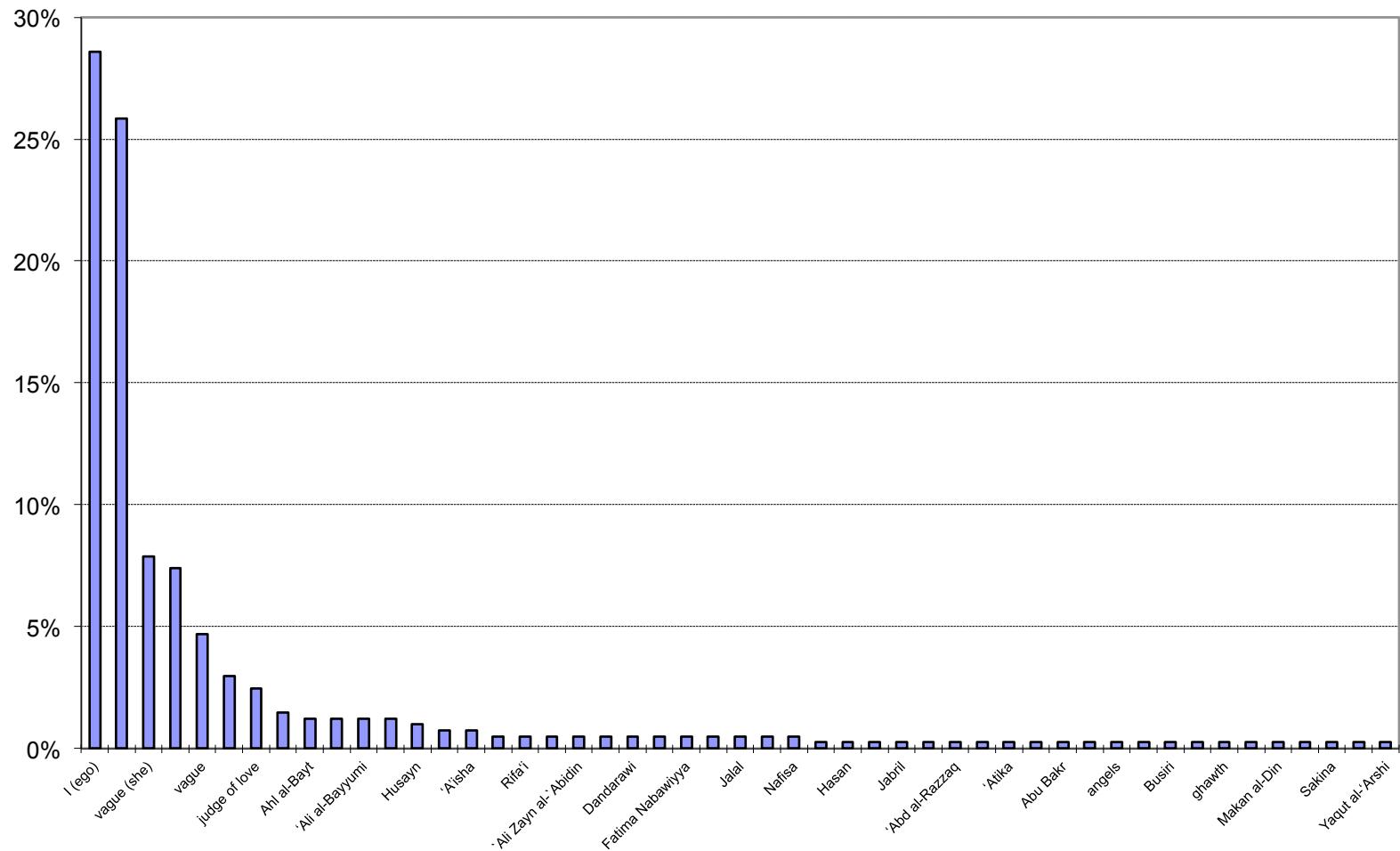
Bm reference frequencies
## (Graph 23)
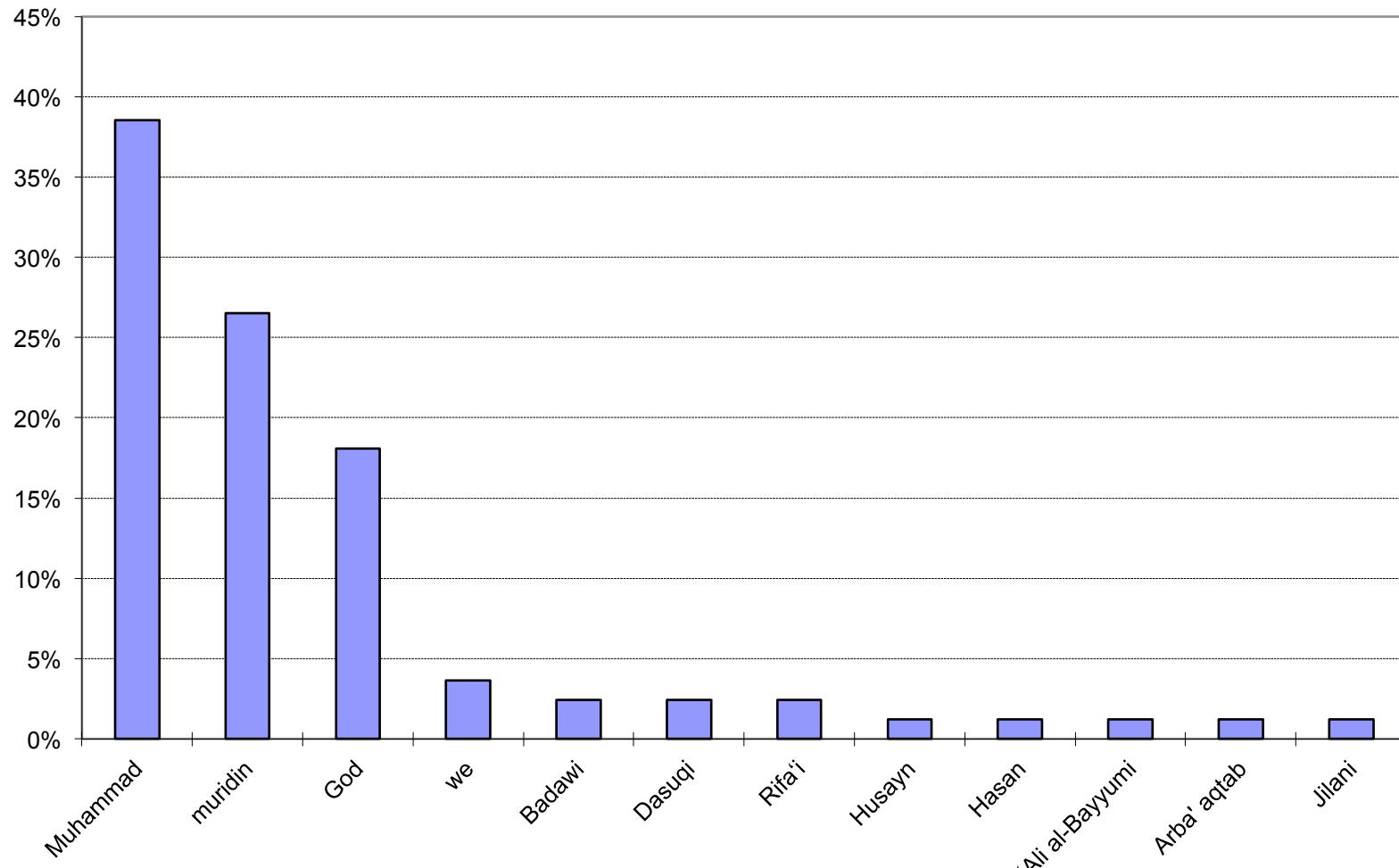
Jz reference frequencies
(Graph 24)
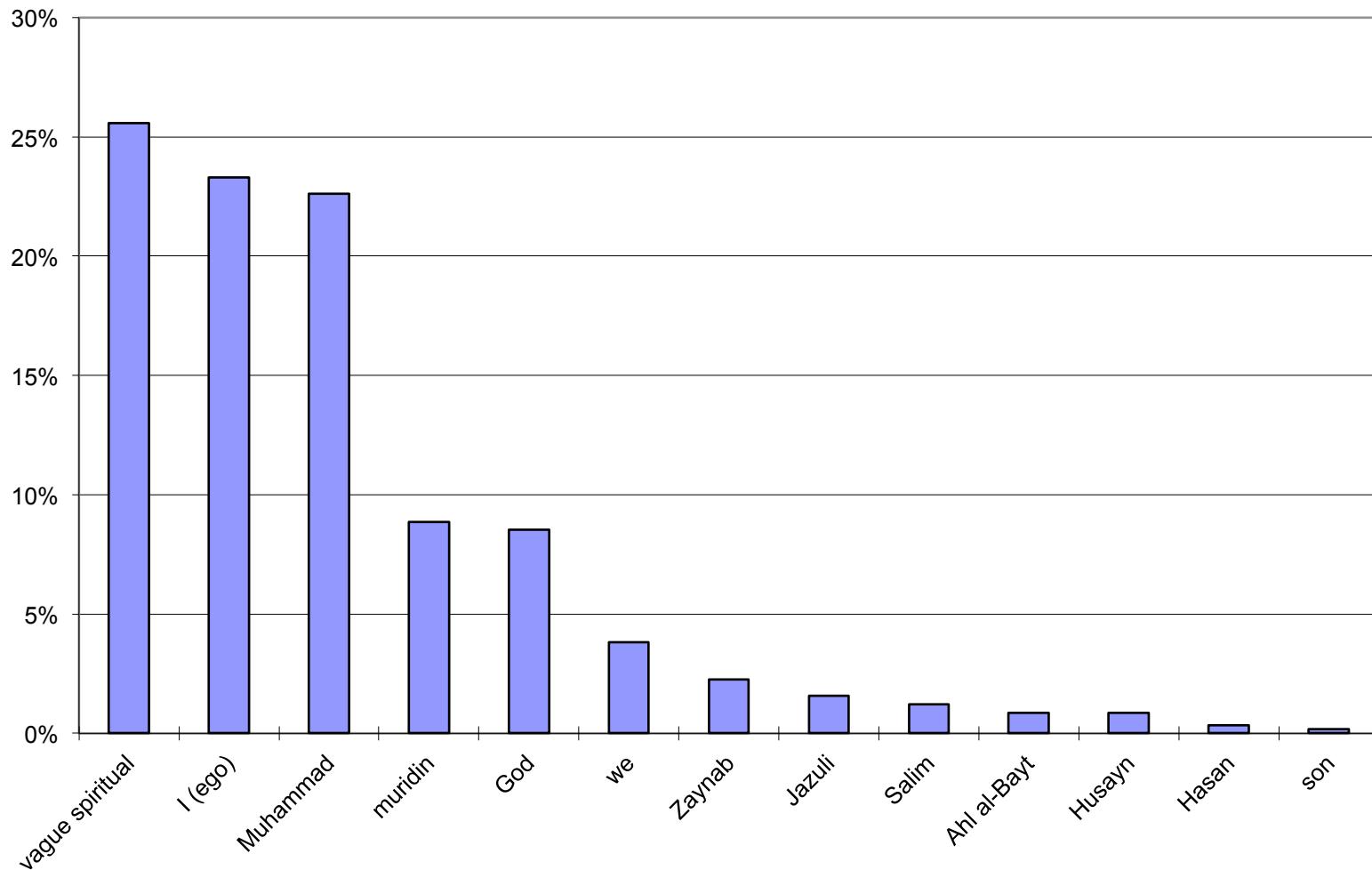
Jf reference frequencies
(Graph 25)
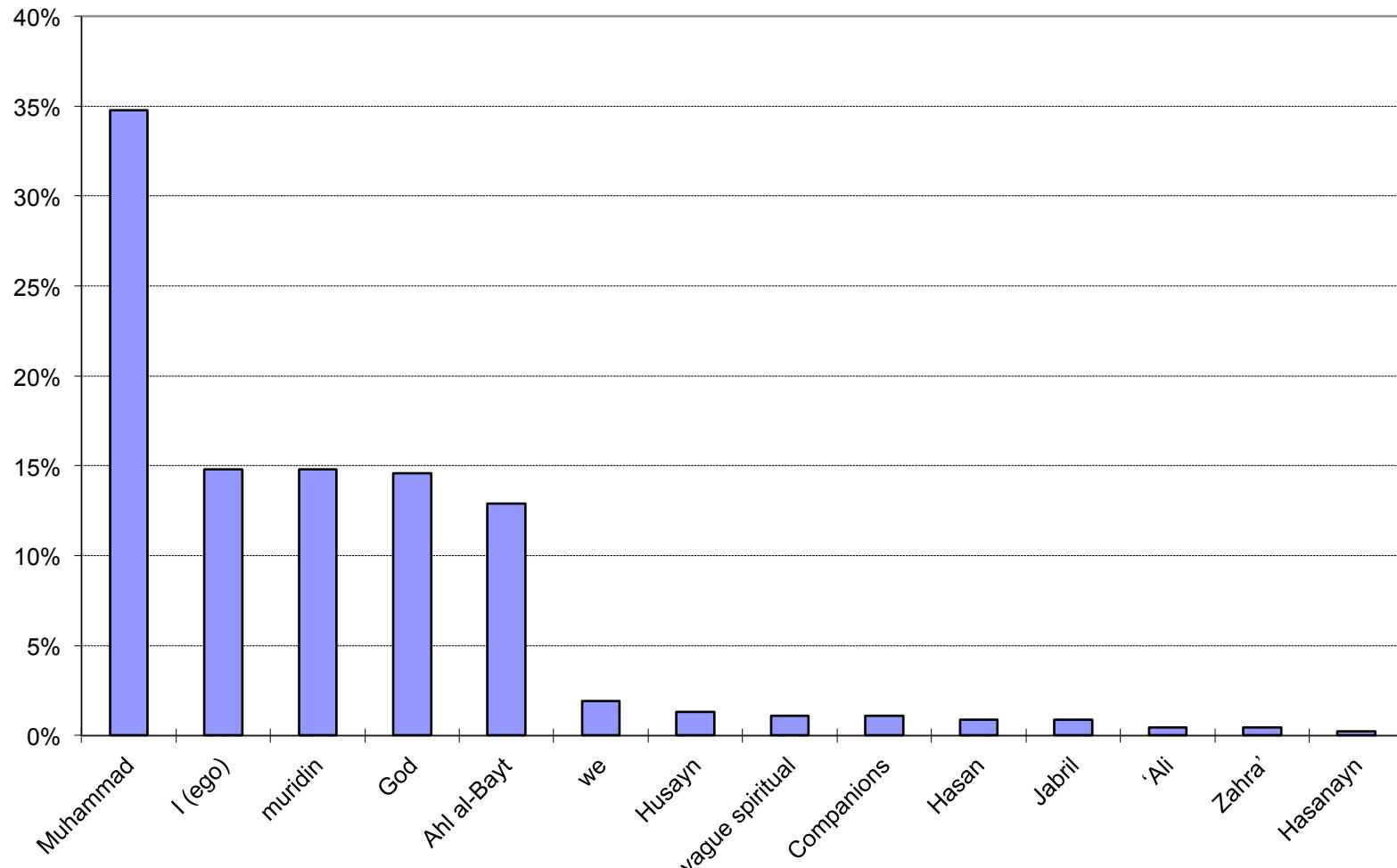
References to God (densities)
(Graph 26)

by attitude (theme)

by deictic mode

Avg number of references per word of text

Legend:
- Jz
- Jf

X-axis categories: L, P, S, M, E, 2, 3, total
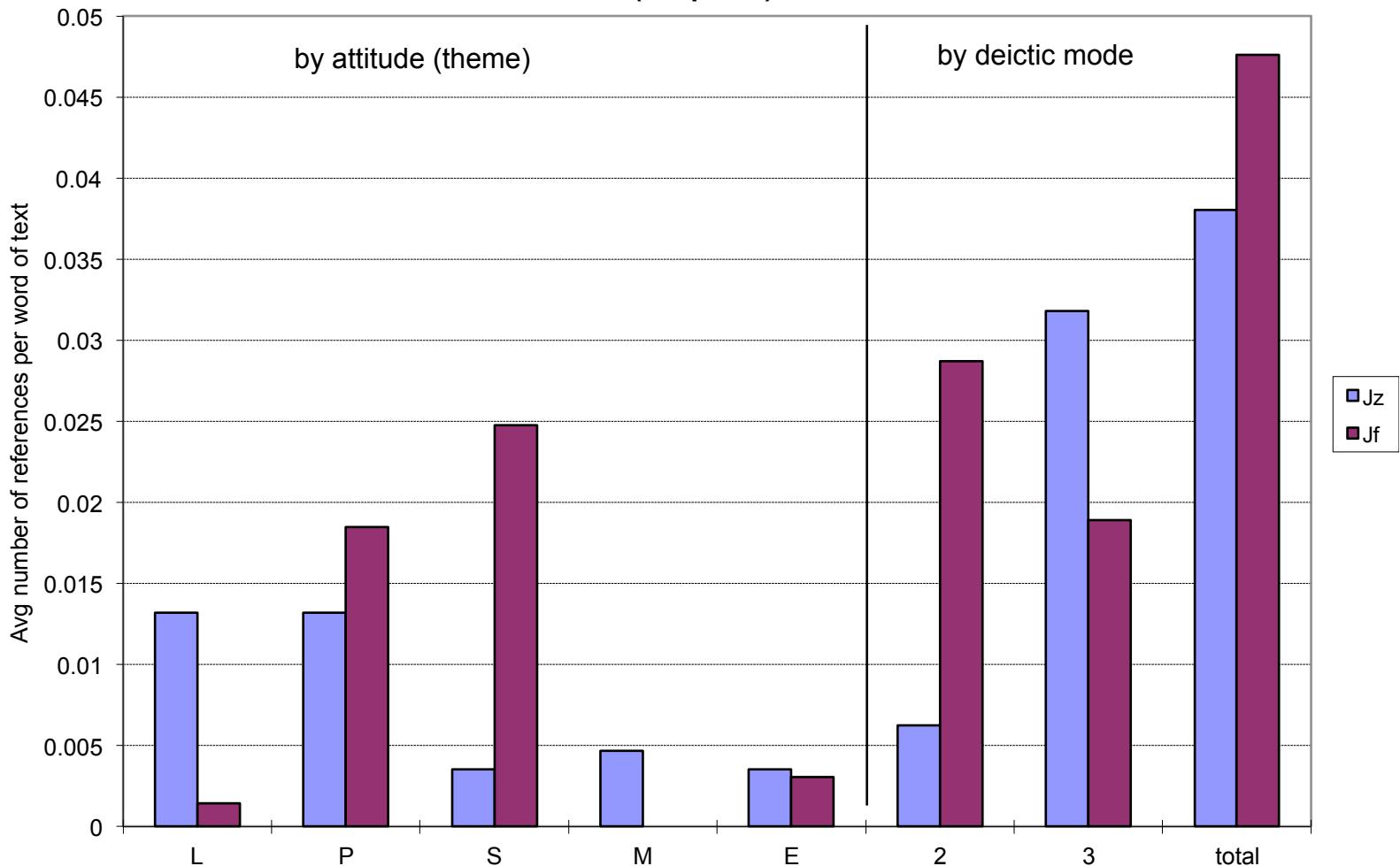
References to God (%)
(Graph 27)
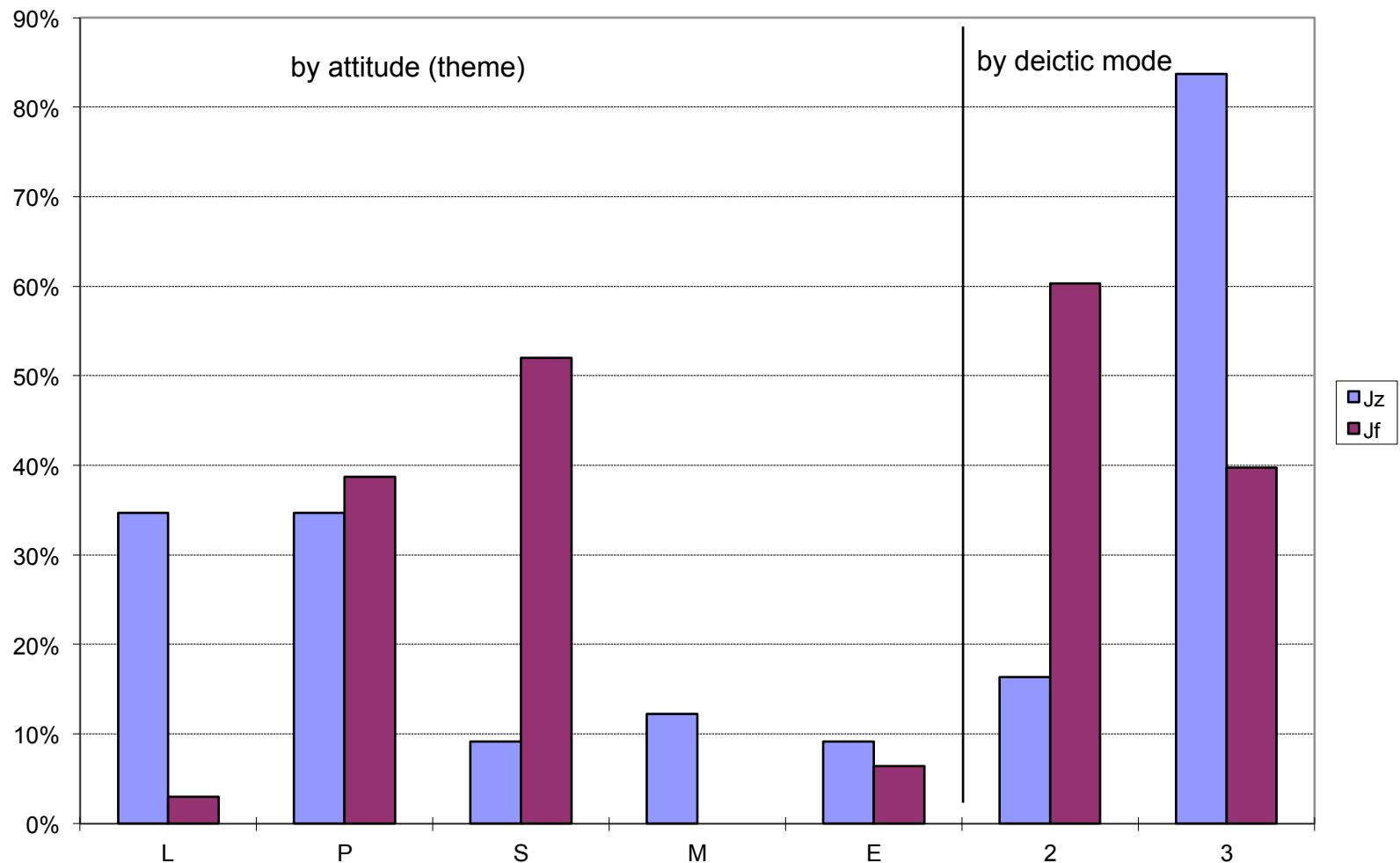
References to Prophet and Ahl al-Bayt (densities)
(Graph 28)

by attitude (theme)

by deictic mode

Avg number of references per word of text

Legend: Jz, Jf

X-axis: L, P, S, M, E, 2, 3, total
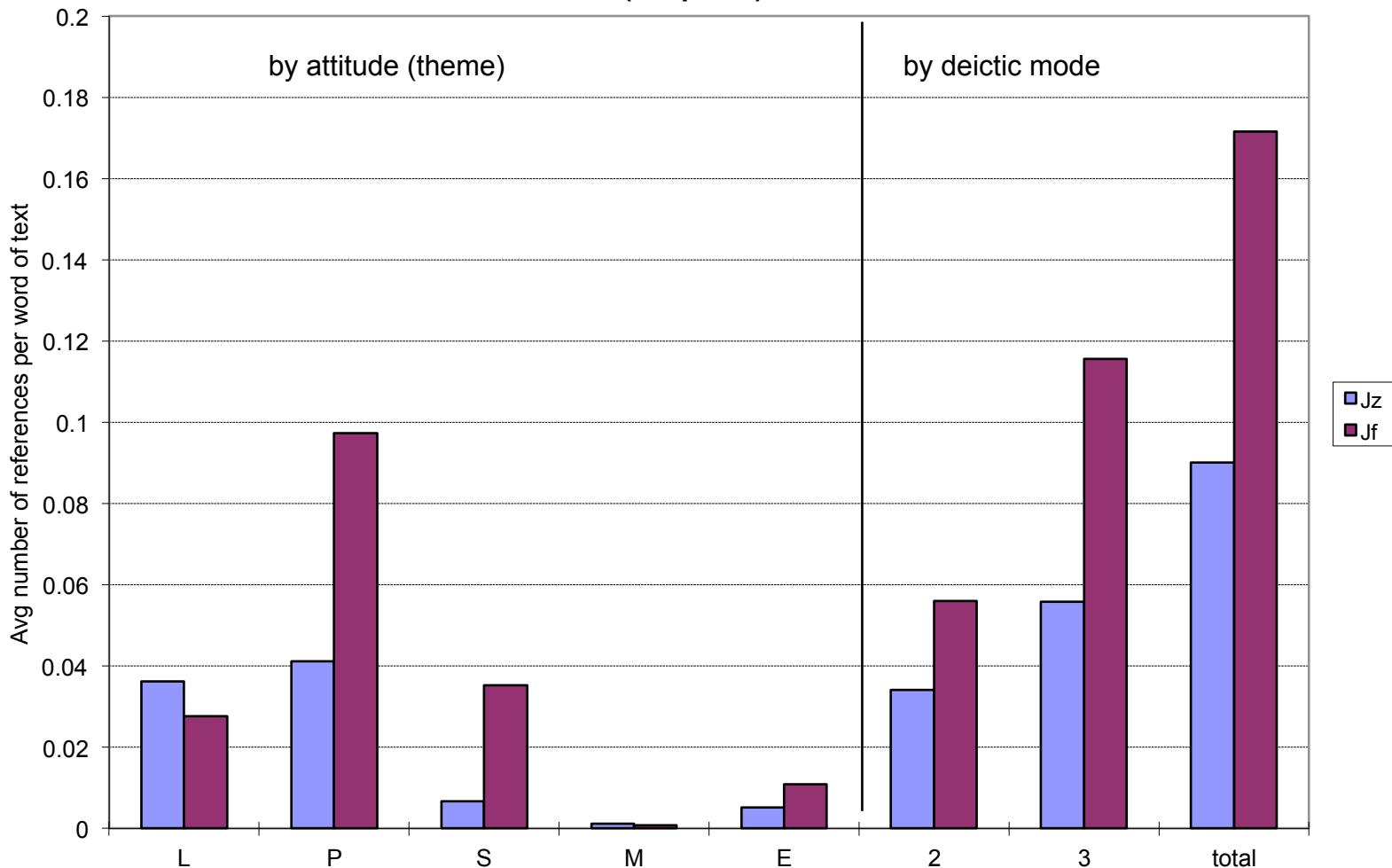
References to Prophet and Ahl al-Bayt (%)

(Graph 29)
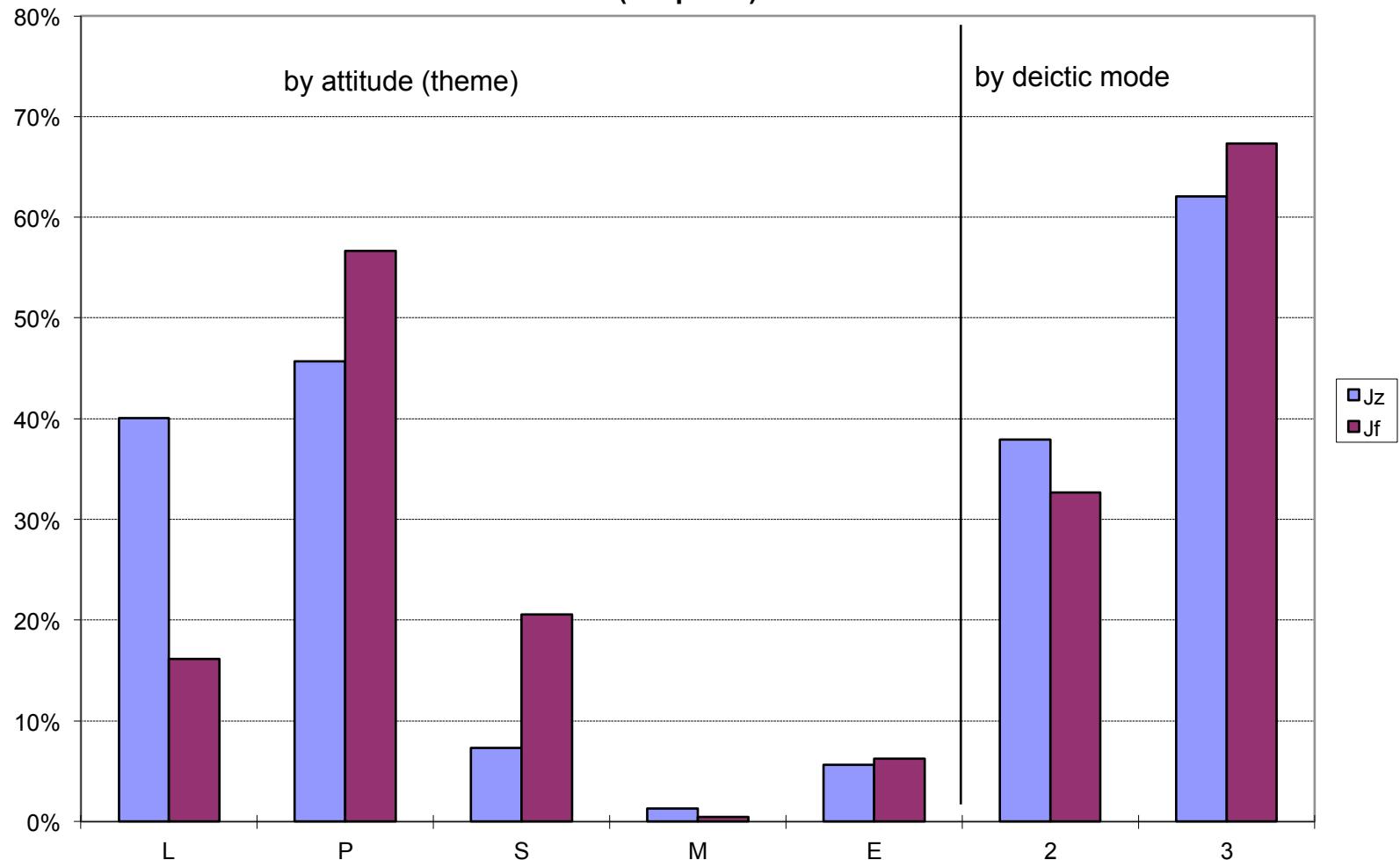
References to ambiguous entity (densities)
(Graph 30)
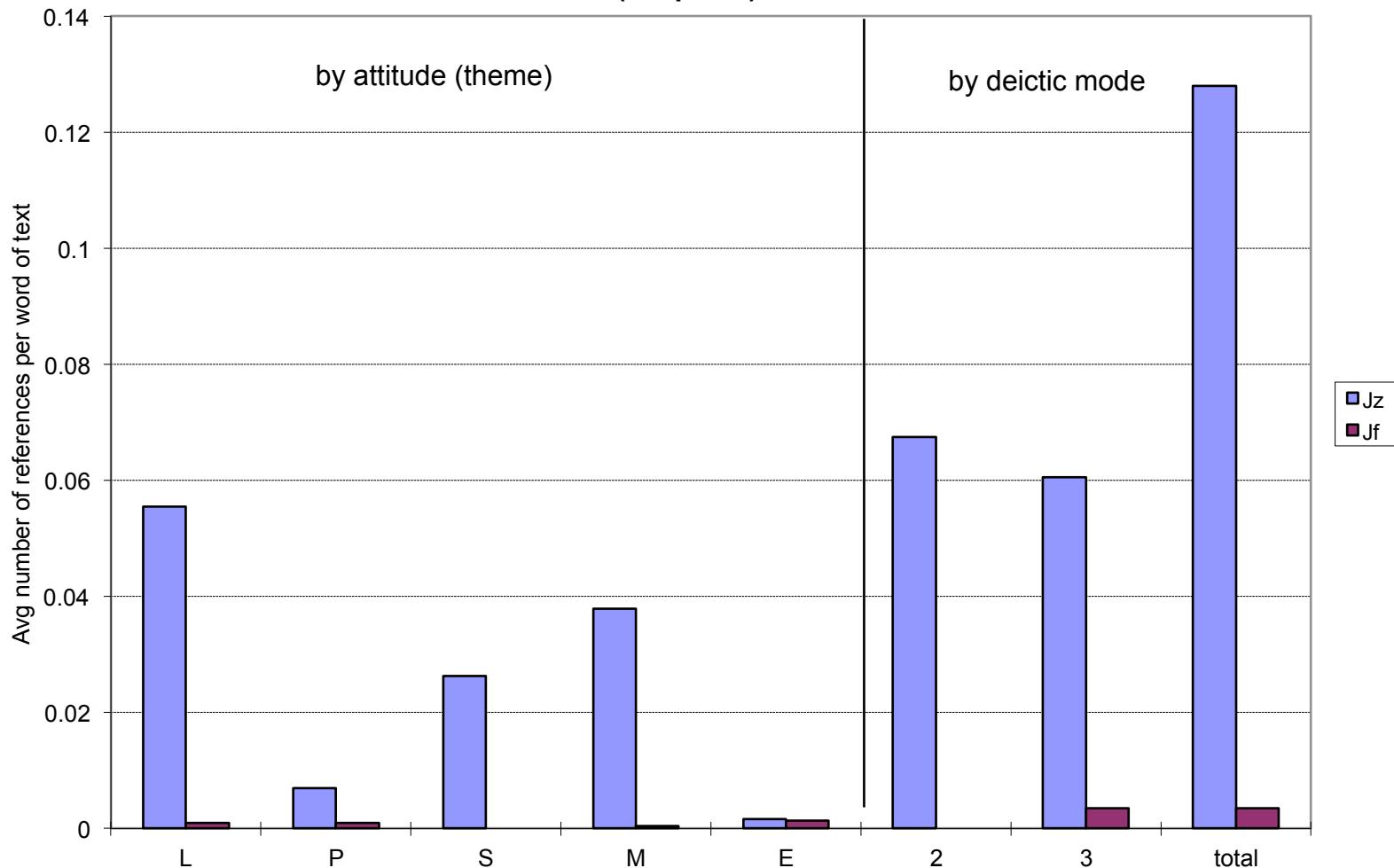
# Total references to all spiritual entities (densities)
(Graph 31)

by attitude (theme)

by deictic mode

Avg number of references per word of text

Jz
Jf

L   P   S   M   E   2   3   total
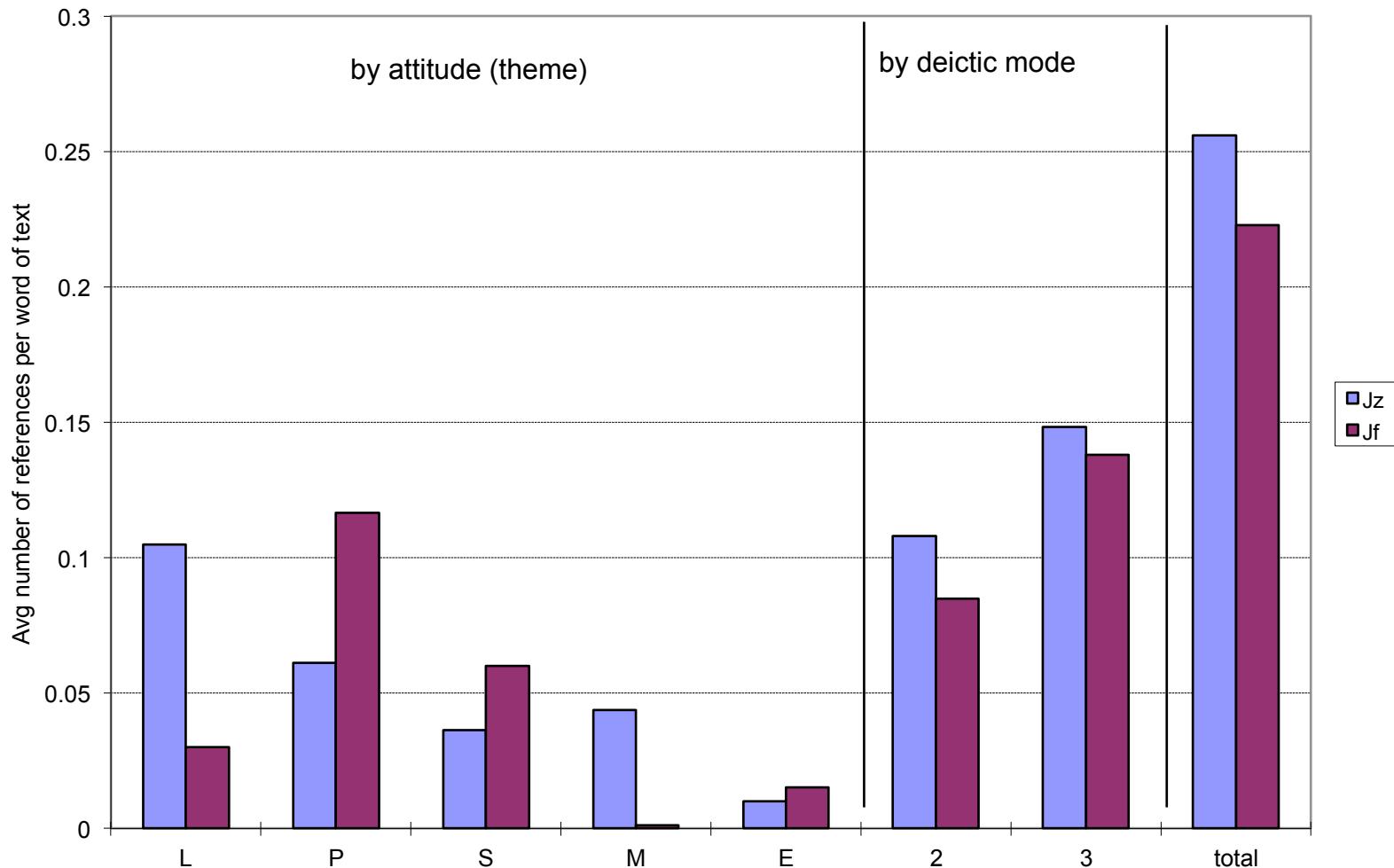
Total references to all spiritual entities (%)

(Graph 32)

by attitude (theme)

by deictic mode

Legend:
- Jz
- Jf

X-axis labels: L, P, S, M, E, 2, 3

Y-axis: 0% to 70%
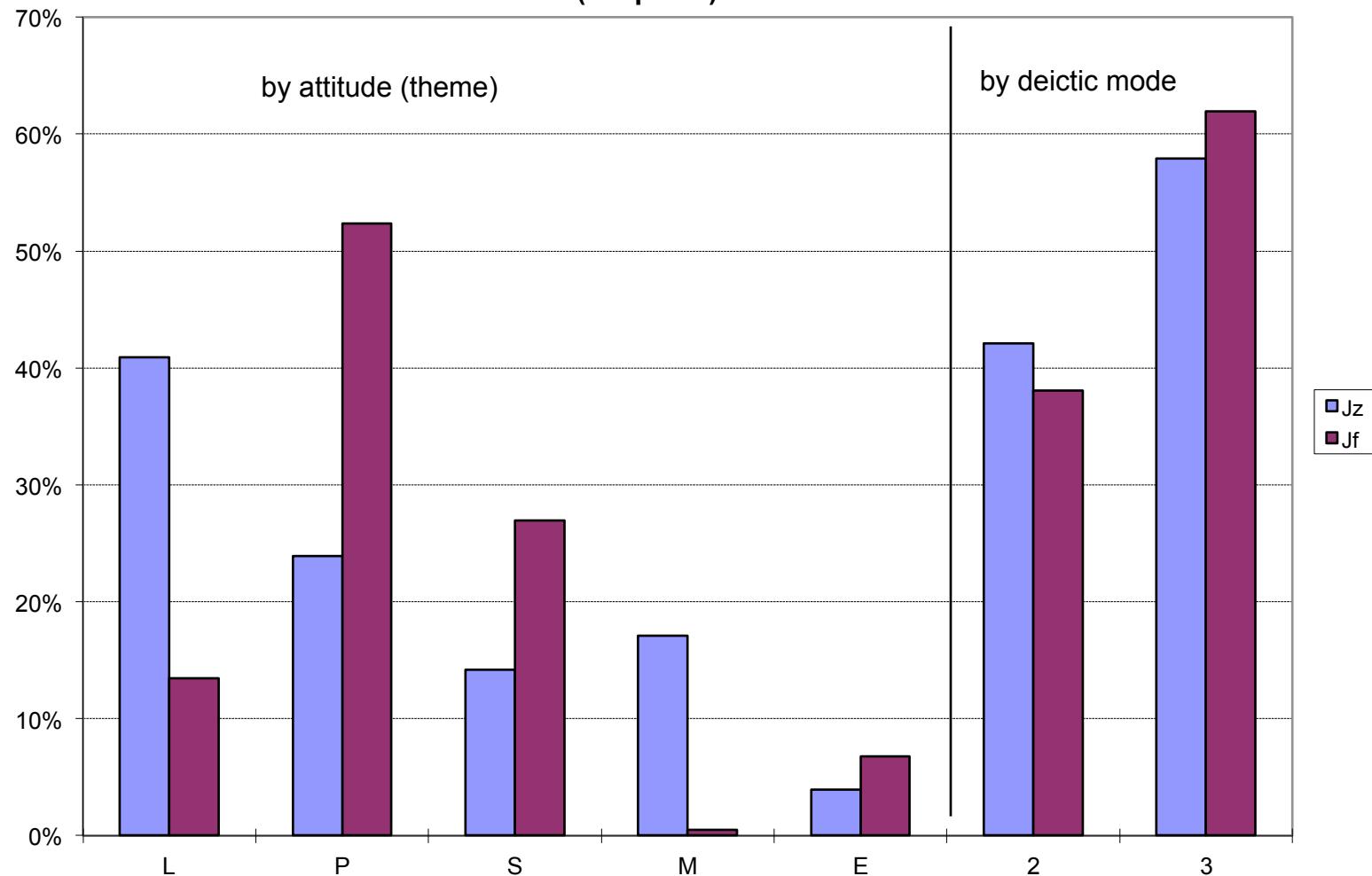
References to listeners (densities)

(Graph 33)
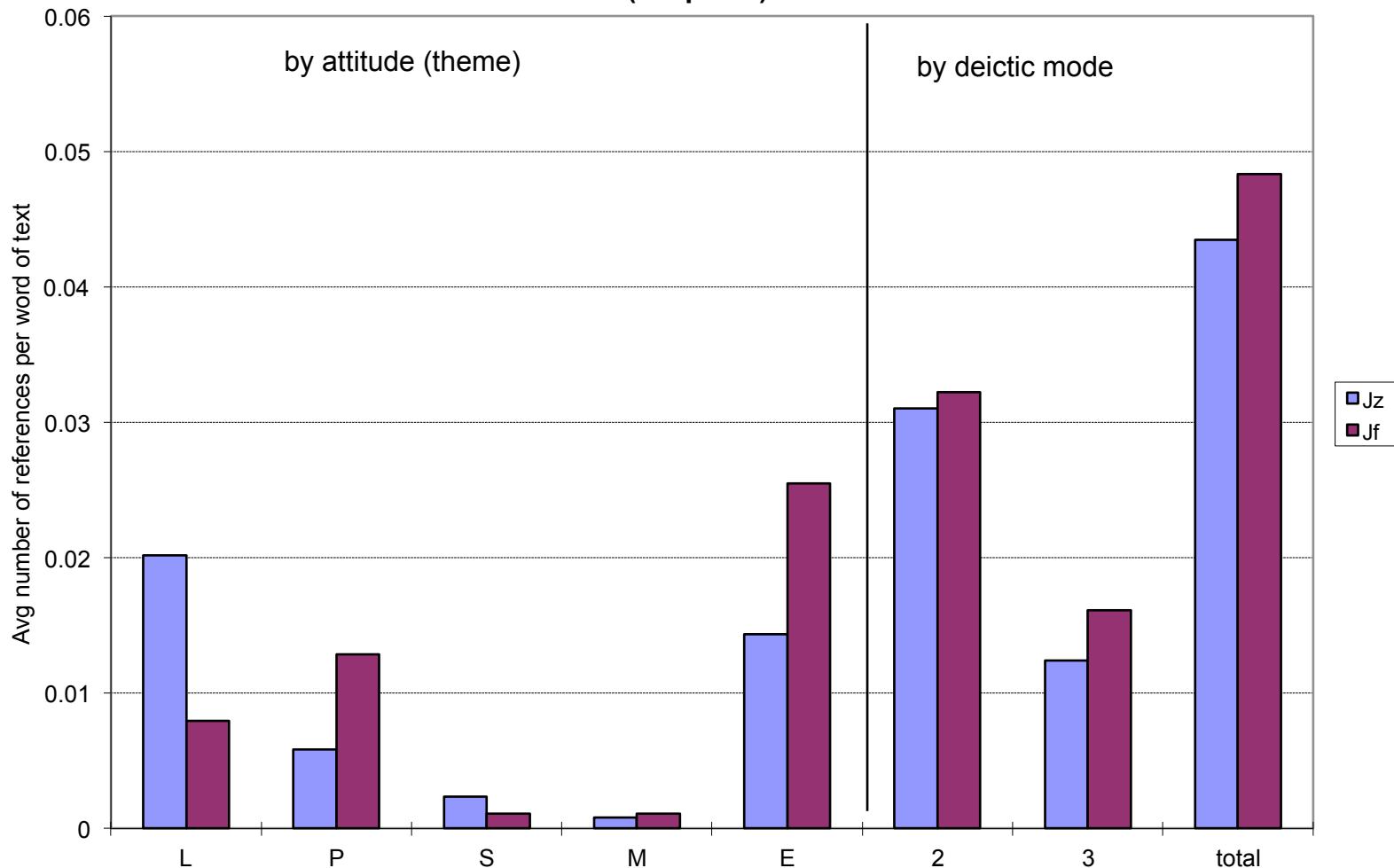
References to listeners (%)

(Graph 34)

by attitude (theme)

by deictic mode

Legend:
- Jz
- Jf
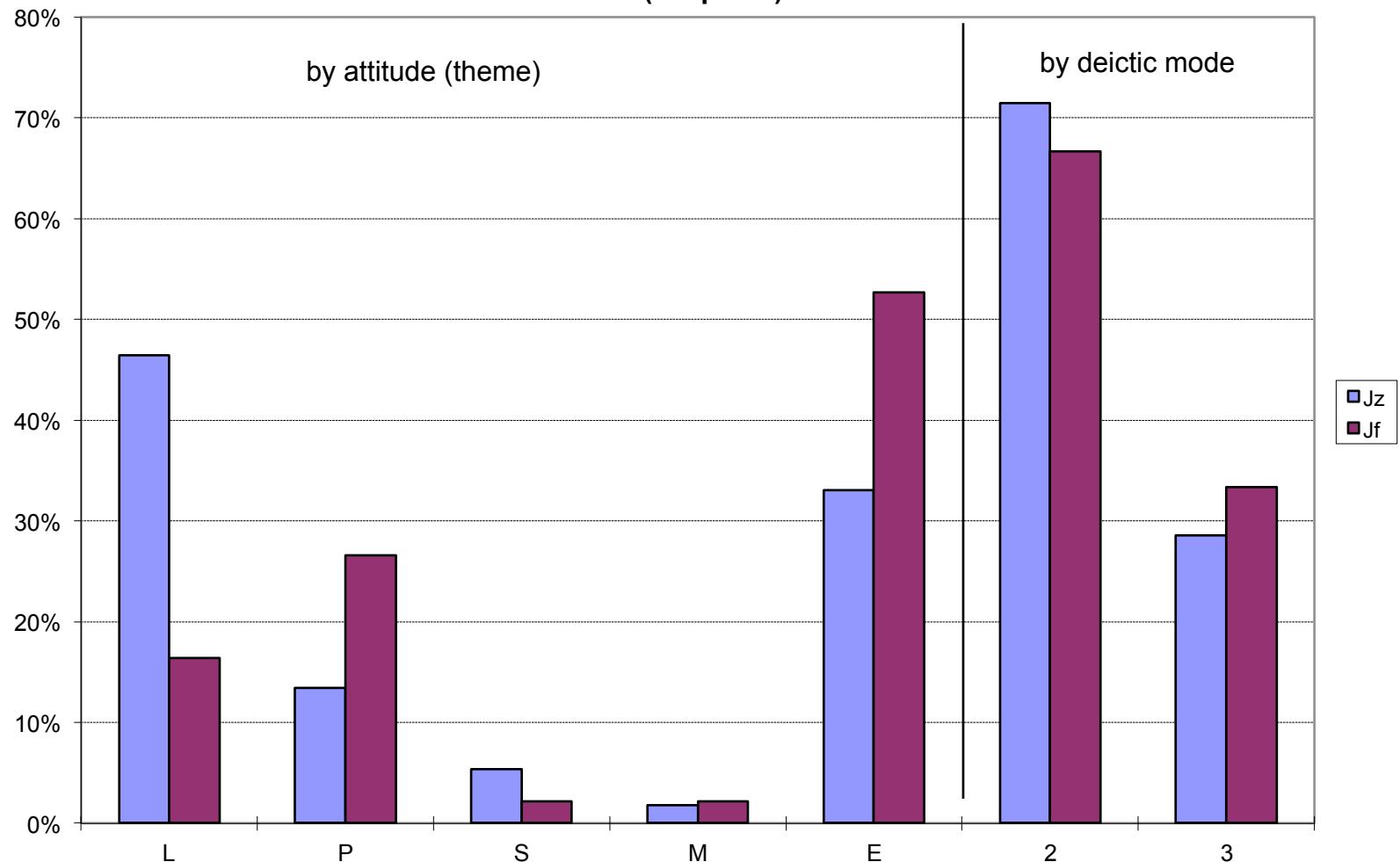
References to listeners and ego (densities)
(Graph 35)
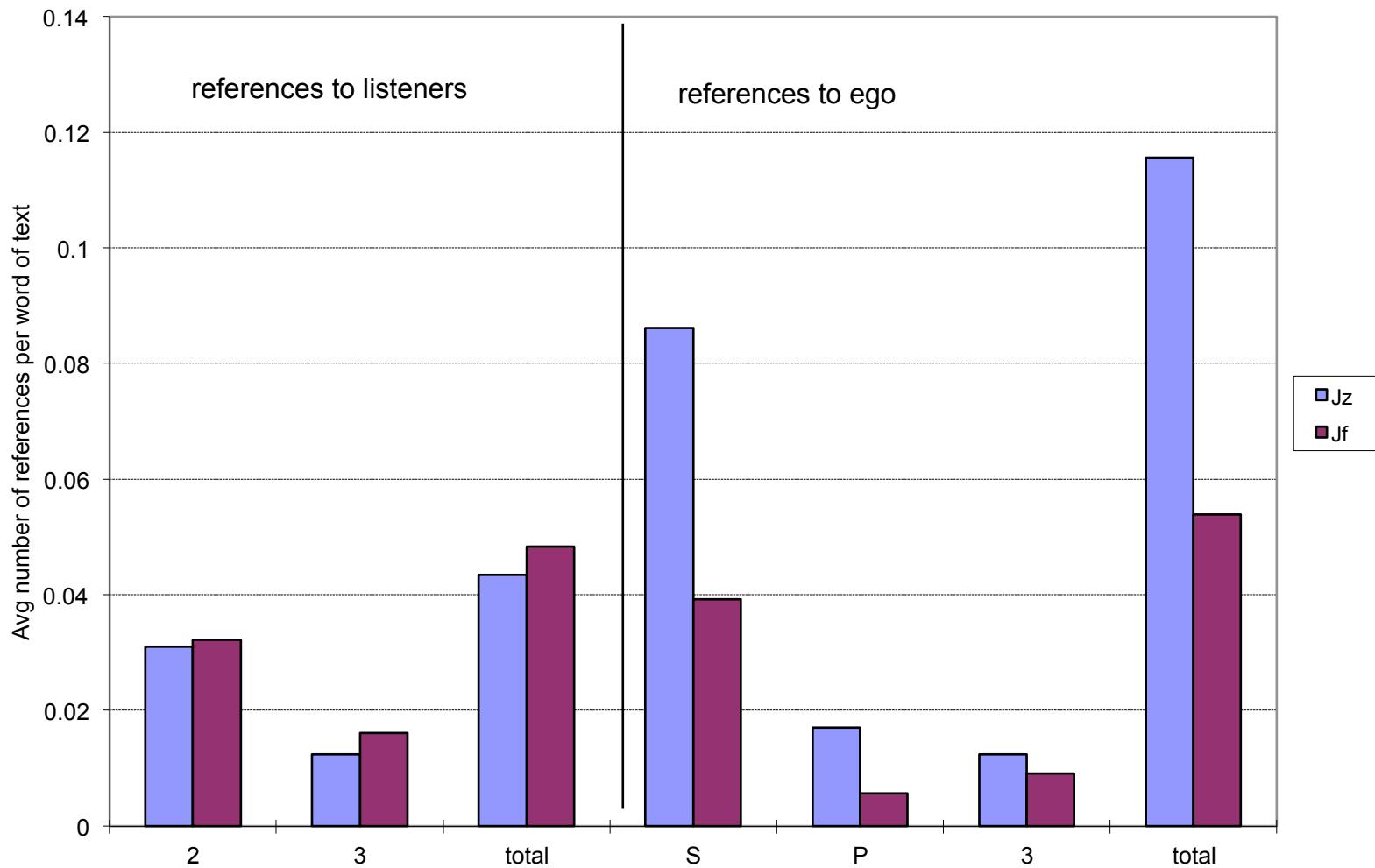
References to listeners and ego (%)
(Graph 36)
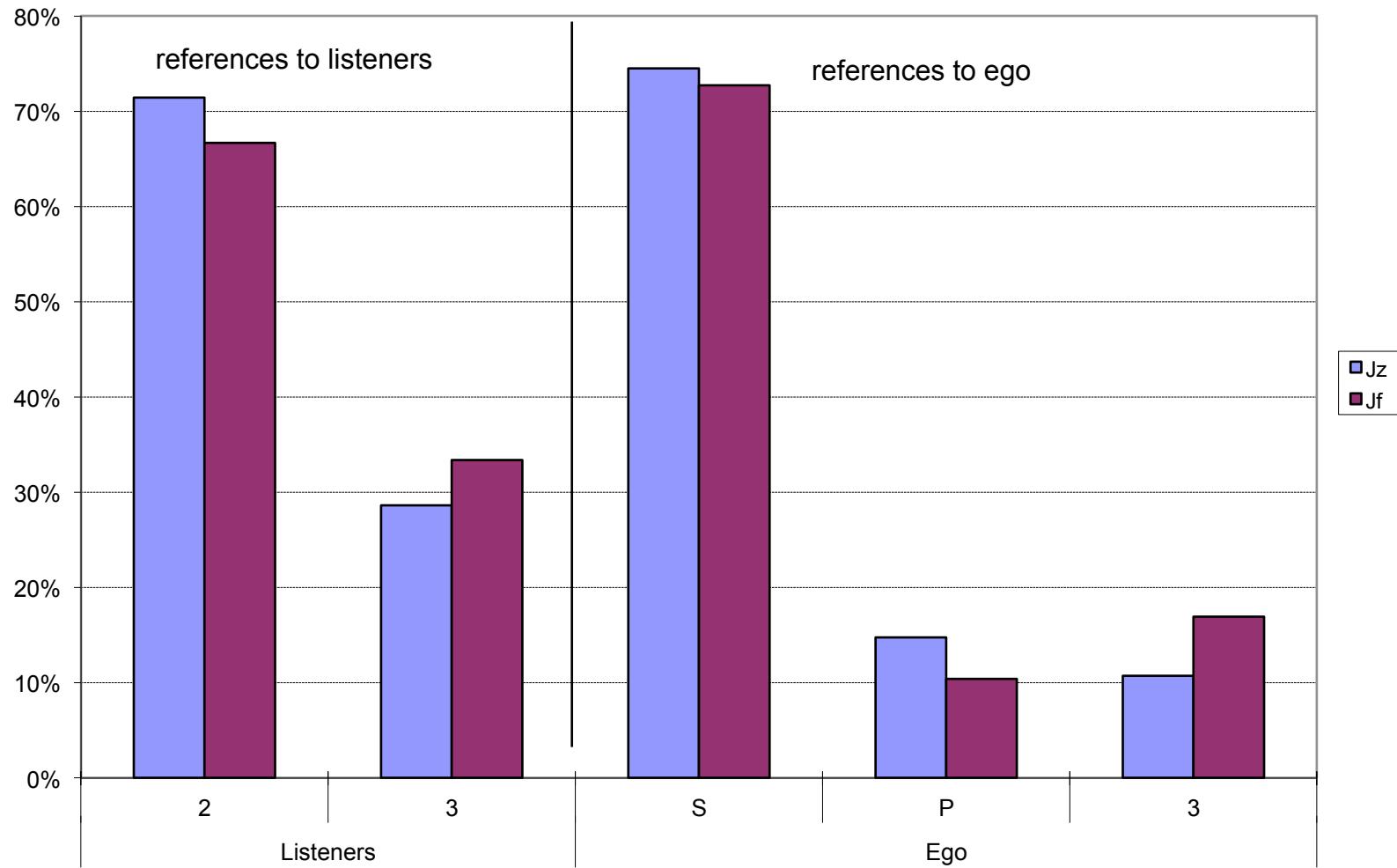
Total references to all entities (densities)
(Graph 37)
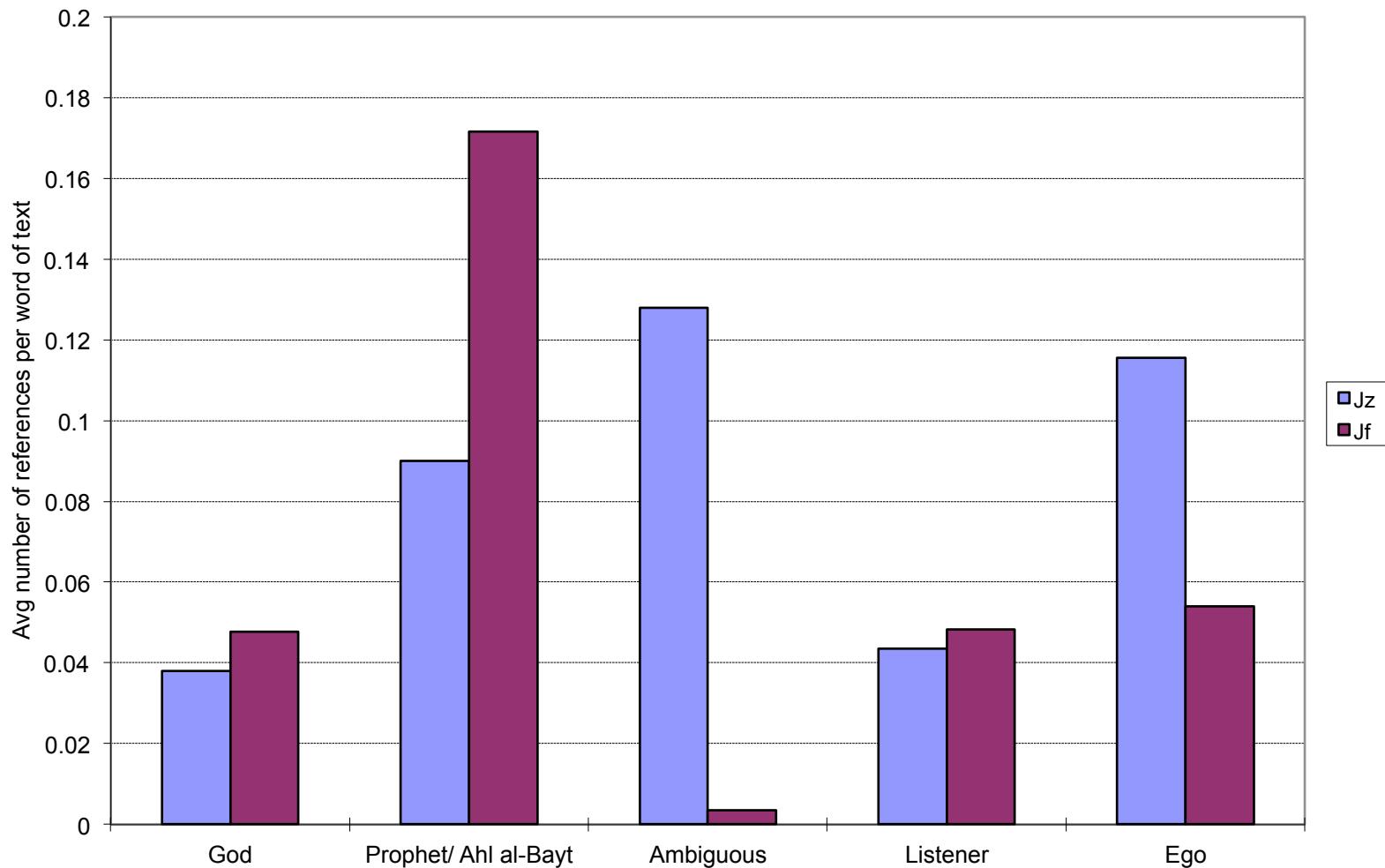
Total references to all entities (%)
(Graph 38)

Legend:
- Ego
- Listener
- Ambiguous
- Prophet/ Ahl al-Bayt
- God

Categories: Jz, Jf