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## A peculiar restriction on the long-distance "anaphor" zibun in Japanese

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It has been observed that the Japanese "anaphor" *zibun* 'self', as opposed to other anaphors like *kare-zisin* 'him-self' and *zibun-zisin* 'self-self', allows a long distance antecedent with relative freedom as in (1).

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(1) a. Masao;-wa [Mai-ga zibun;/*kare-zisin;/*zibun-zisin;-o yobidasi-ta-to] Masao;-TOP [Mai-NOM self;/*him-self;/*self-self;-ACC page-PERF-COMP] omot-ta. think-PERF 'Masao; thought that Mai had paged him;.'
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b. Sano<sub>i</sub>-san-wa [kazoku-ga [zibun<sub>i</sub>/\*kare-zisin<sub>i</sub>/\*zibun-zisin<sub>i</sub>-ga Sano<sub>i</sub>-TOP [family-NOM [self<sub>i</sub>/\*him-self<sub>i</sub>/\*self-self<sub>i</sub>-NOM mada dokoka-de iki-te-iru-to] sinzi-te-iru-to] omot-ta. still somewhere-at live-PRT-PROG-COMP] believe-PRT-PROG] think-PERF

'Mr. Sano; thought that his family believed that he; was still alive somewhere.'

However, when *zibun* is in the subject position of a finite clause, there appears to be a peculiar restriction on its long-distance use. Namely, the verb of the clause containing *zibun* cannot be a copula as shown in (2). As can be seen in (2b), this restriction is valid even if the copula is phonologically null.

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(2) a. *Tomomi<sub>i</sub>-wa [otoko-tati-ga [zibuni-ga bizin-da-to] Tomomi<sub>i</sub>-TOP [man-PL-NOM [self<sub>i</sub>-NOM beauty-be-COMP] omot-te-iru-to] sinzi-te-iru. think-PRT-PROG-COMP] believe-PRT-PROG
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'Tomomii believes that the men think that she, is beautiful.'

b. \*Tomomi,-wa [otoko-tati-ga [zibuni-ga kawaii- $\emptyset_{be}$ -to] Tomomi,-TOP [man-PL-NOM [self,-NOM pretty- $\emptyset_{be}$ -COMP]

omot-te-iru-to] sinzi-te-iru. think-PRT-PROG-COMP] believe-PRT-PROG

'Tomomi<sub>i</sub> believes that the men think that she<sub>i</sub> is pretty.'

As shown in (3), the restriction does not hold for local *zibun*.

- (3) a. Tomomi<sub>i</sub> -wa [zibuni-ga bizin-da-to] omot-te-iru. Tomomi<sub>i</sub> -TOP [selfi-NOM beauty-be-COMP] think-PRT-PROG
  - 'Tomomi, thinks that she, is beautiful.'

Even more curiously, in the ECM counterparts of (2) *zibun* has no problem taking a long-distance antecedent as shown in (4).

(4) a. Tomomi<sub>i</sub>-wa [otoko-tati-ga [zibun<sub>i</sub>-o bizin-da-to] Tomomi<sub>i</sub>-TOP [man-pl-NOM [self<sub>i</sub>-ACC beauty-be-COMP]

> omot-te-iru-to] sinzi-te-iru. think-PRT-PROG-COMP] believe-PRT-PROG

'Tomomi, believes that the men think her, to be beautiful.'

b. Tomomi<sub>i</sub>-wa [otoko-tati-ga [zibun<sub>i</sub>-o kawaii-Ø<sub>be</sub>-to] Tomomi<sub>i</sub>-TOP [man-PL-NOM [self<sub>i</sub>-ACC pretty-Ø<sub>be</sub>-COMP]

omot-te-iru-to] sinzi-te-iru. think-PRT-PROG-COMP] believe-PRT-PROG

The above data cannot be taken to indicate that ECM makes subject *zibun* local to the antecedent somehow, say by raising-to-object, because, as illustrated in (5), local anaphor *kanozyo-zisin* 'her-self' and *zibun-zisin* 'self-self' are still impossible in this construction.

(5) a. \*Tomomi<sub>i</sub>-wa [otoko-tati-ga [kanozyo-zisin<sub>i</sub>/zibun-zisin<sub>i</sub>-o bizin-da-to] Tomomi<sub>i</sub>-TOP [man-PL-NOM [her-self<sub>i</sub>/self<sub>-</sub>self<sub>i</sub>-ACC beauty-be-COMP]

> omot-te-iru-to] sinzi-te-iru. think-PRT-PROG-COMP] believe-PRT-PROG

'Tomomi, believes that the men think her, to be beautiful.'

b. \*Tomomi<sub>i</sub>-wa [otoko-tati-ga [kanozyo-zisin<sub>i</sub>/zibun-zisin<sub>i</sub>-o kawaii- $\emptyset_{be}$ -to] Tomomi<sub>i</sub>-TOP [man-PL-NOM [her-self<sub>i</sub>/self-self<sub>i</sub>-ACC pretty- $\emptyset_{be}$ -COMP]

omot-te-iru-to] sinzi-te-iru. think-PRT-PROG-COMP] believe-PRT-PROG

'Tomomi, believes that the men think her, to be pretty.'

The exact nature of the restriction is unclear, but it is probably safe to say that for *zibun*, at least in its long-distance use, there are quite different licensing conditions involved than for other anaphors.

<sup>&#</sup>x27;Tomomi, thinks that she, is pretty.'

<sup>&#</sup>x27;Tomomi, believes that the men think her, to be pretty.'