

Subordinate Perceptions of Superior's Communication Competence and Task Attraction Related to Superior's Use of Compliance-Gaining Tactics

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This study attempted to integrate extant research on pro- and antisocial compliance-gaining tactic selection decisions with research about the effects of compliance-gaining tactic use. Forty employees of a state-operated mental health institution rated an actor's (supervisor's) communication competence and task attractiveness: 20 subjects rated the actor's characteristics based on a videotaped instantiation of a prosocial compliance-gaining tactic (liking) and 20 subjects rated the same actor's characteristics based on a videotaped instantiation of an antisocial compliance-gaining tactic (negative altercasting). Analysis of variance indicated that the actor was rated as more competent when using liking than negative altercasting, and a model supporting the tactic-competence-task attraction path relationship is presented.

THIS STUDY INVESTIGATES the perceptual effects associated with use of a pro- versus an antisocial compliance-gaining tactic in the organizational context. Specifically, the study is concerned with perceptions subordinates have of their superior, based on the compliance-gaining message used by the superior (liking vs. negative altercasting). The purpose of the study is to investigate the communication competence and task attraction impressions associated with a superior's compliance-gaining attempts.

Compliance-gaining research traditionally has emphasized the antecedents of influence attempts, chiefly, issues surrounding tactic selection. Fewer studies have investigated the consequences of compliance-gaining tactic use. Most outcome studies are limited by either their relevance to natural settings (i.e., organizations) or the utility of the outcome investigated. Virtually no studies have investigated actual compliance rate (one exception is Howard, 1990). Yet, perceptual

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outcomes associated with compliance-gaining attempts are both relevant and useful particularly in the organizational setting. In this study, the perceived communication competence and task attraction associated with a superior's use of compliance-gaining tactics are examined as perceptions critical to superiors' success and longevity in the organization.

Communication competence is the ability to interact in a manner that is perceived as "effective in fulfilling certain rewarding objectives in a way that is also appropriate to the context in which the interaction occurs" (Spitzberg, 1987, p. 68). Task attraction refers to an employee's perception "of how easy or worthwhile working with someone would be" (McCroskey & McCain, 1974, p. 261).

REVIEW OF LITERATURE

The current study attempts to relate two bodies of research, compliance-gaining studies and investigations of communication competence, including the effect of actor attractiveness, as each relates to competence judgments. Each body of research is examined here in terms of the particular research directions and limitations most relevant to the present study. In the process, conceptual definitions for key variables in this study (pro- and antisocial compliance-gaining tactics, liking, negative altercasting, communication competence, and task attraction) are provided.

Compliance-gaining research

This study defines compliance-gaining tactics as organizational influence tactics (Kipnis, Schmidt, & Wilkinson, 1980; Rim & Erez, 1980), and specifically as "situations in which one person is trying to induce another to do something" (Miller, Boster, Roloff, & Seibold, 1977, p. 42). The bulk of compliance-gaining studies have been limited to investigations of how and why speakers select various compliance-gaining tactics.¹ The various approaches to tactic selection research may be clustered according to their focus on the method of study referred to as: the selection vs. construction controversy (Plax, Kearney, & Sorenson, 1990; Sorenson, Plax, & Kearny, 1989); individual differences in tactic selection (Boster & Stiff, 1984; Clark, 1979; Harper & Hirokawa, 1988; Schleuter, Barge, & Blankenship, 1990); situational differences in tactic selection (Dillard & Burgoon, 1985; Kearney, Plax, Sorenson, & Smith, 1988; Kipnis & Schmidt, 1988; Roloff & Barnicott, 1988); and cultural differences in selection (Hirokawa & Niyahara, 1986; Neuliep & Hazleton, 1985).

One characteristic frequently used to examine selection decisions is the social desirability of the tactic. Based on the persuader's desire to elicit positive feelings or evaluation in the target whenever possible, "prosocial organizational behaviors are behaviors that are performed

by organizational members with the intention or expectation that the behaviors will benefit the person, group, or organization at which they are directed" (George & Bettenhausen, 1990, p. 698).

Prosocial vs. antisocial tactics. An early and widely used compliance-gaining typology distinguished tactics according to the "tendency to use socially acceptable techniques, and tendency to use socially unacceptable techniques" (Marwell & Schmitt, 1967, as characterized by Roloff & Barnicott, 1978, p. 194). Hunter and Boster (1987) also conceptualized compliance-gaining tactics as existing on a continuum of elicited responses characterized by negative and positive poles. In short, prosocial tactics attempt to gain relational rewards by explaining or justifying the actor's position and attitude. Antisocial tactics attempt to gain relational rewards through either psychological force or punishing activity.

The pro-/antisocial distinction has been used by Kearney et al. (1988) to investigate teachers' use of Behavior Alteration Techniques (BAT's), a subcategory of compliance-gaining tactics. Their findings support the intuitive link between effectiveness and appropriateness impressions associated with compliance-gaining attempts. Teachers used prosocial techniques when they could effectively gain compliance and still maintain positive feelings (affect) on the part of their student targets (e.g., passive or occasional student misbehavior). When misbehavior was active or frequent, teachers resorted to use of antisocial compliance-gaining tactics (BAT's).

In the present study, two compliance-gaining tactics are used to represent the pro- and antisocial dimensions. Both tactics are taken from the Marwell and Schmitt (1967) typology; the prosocial tactic *liking* consists of an actor's attempt to be "friendly and helpful to get target in a 'good frame of mind' so that he (she) will comply with request" (p. 357). Miller et al. (1977) conducted an analysis of variance for strategy use which showed that liking was one of the few tactics that reflected high use across a variety of interpersonal situations.

The antisocial tactic—*negative altercasting*—consists of the actor's attempt to imply that only persons with 'bad' qualities would not comply with the stated request (Marwell & Schmitt, 1967). Negative altercasting is an antisocial tactic that achieves relational rewards through psychological force. Dollar (1990), in a paper on the relationship of compliance-gaining tactics to identity processes, has argued that altercasting is the fundamental dimension underlying all compliance-gaining interactions" (p. 12).

Even though the social desirability of tactics is well-identified in the compliance-gaining literature,² until now studies employing this distinction have been concerned with tactic selection decisions. The question of perceptual outcomes associated with pro- and antisocial tactic use also merits empirical investigation.

Effects of compliance-gaining tactic use. The existing literature concerned with compliance-gaining outcomes can be grouped according to the type of effect studied. Researchers have investigated the memory of compliance-gaining attempts (Greene et al., 1990); sequential responses to tactic instantiation (Dillard et al., 1984; Lim, 1990); and some perceptual effects associated with compliance-gaining attempts (Kipnis & Schmidt, 1988; Richmond, Davis, Saylor, & McCroskey, 1984; Richmond, McCroskey, & Davis, 1986; Wayne & Ferris, 1990).

The impetus for this study was to forward understanding of *successful* compliance-gaining tactic use. Two possible approaches to the problem include field studies that capture fully interactive compliance-gaining attempts and include some objective indication of "actual compliance," and the second approach, investigation of the impressions associated with tactic use. There are pragmatic difficulties associated with the first approach in natural organizational settings.³ In fact, only Howard (1990) has investigated the actual compliance rate associated with a tactic's use, and his study was limited to investigation of a single tactic (Foot-In-The-Mouth) in a single context (charitable requests).

Impression studies offer an alternative to naturalistic field investigations. In the organizational context, these studies can be divided by their focus on either the superior or the subordinate as the locus of impressions associated with compliance-gaining attempts. At least two studies have examined the perceptions superiors have of subordinates' attempts to gain the superior's compliance (Kipnis & Schmidt, 1988; Wayne & Ferris, 1990). Yet the perceptions subordinates have of their superior based on the superior's use of compliance-gaining tactics are arguably more important to the organizational "bottom line" of productivity, but this has not been effectively studied. Richmond and colleagues (1984, 1986) investigated subordinate satisfaction as it related to superior's compliance-gaining tactic use, but the questionable impact of perceived satisfaction on performance is well-documented in the organizational literature (Leana, 1987).

Impressions associated with organizational influence attempts are important, but communication competence impressions are an especially relevant index of perceptual outcomes associated with these goal-oriented influence attempts. The Kearney et al. (1988) study of teachers' selection of pro- and antisocial BAT's, considered that teachers may be interested in pursuing multiple goals. Teachers wish to gain student compliance, but also need to preserve impressions of appropriate or socially acceptable methods of discipline. At the broadest level, supervisors in organizational influence attempts should share similar goal sets.

O'Keefe and Shepherd's (1987) discussion of multiple objectives in face-to-face persuasive interactions suggests that integration of more than one goal in message construction is a feature of developmentally advanced message production. Hierarchically advanced message

production is conceptually related to communication competence, because it represents the ability to demonstrate effective and appropriate interaction behavior, while simultaneously achieving instrumental goals in interaction. Thus, a basis exists in the literature for the expectation that perceptual outcomes of compliance-gaining attempts will differentiate on the basis of social desirability judgments made by the target about the compliance-gaining message.

Communication Competence Research

Communication competence is broadly defined as "the ability to interact well with others" (Spitzberg, 1987, p. 68). Competence judgments emphasize the quality of interaction, which involves the criteria of appropriateness and effectiveness (Canary & Spitzberg, 1990). Monge, Bachman, Dillard, and Eisenberg (1982) argued that the "fundamental premise under all competence research is that competent communicators are those who are effective at achieving their goals" (p. 507). Similarly, Spitzberg and Cupach (1984) have argued that "one salient feature of competence is strategic orientation" (p. 56). The emphasis on strategic success and affect preservation inherent in Spitzberg and colleagues' definition of communication competence make the concept an especially appropriate outcome index for multiple-goal interactions. In addition, this conceptualization focuses on interactants' perceptions of specific communication behaviors, a feature many competence definitions overlook (see Monge et al., 1982 for discussion). Based on the research reviewed above, the following hypothesis is offered:

- H₁: A superior will be perceived by subordinates as more competent when using a prosocial compliance-gaining tactic (liking) than when using an antisocial compliance-gaining tactic (negative altercasting).

Task Attraction Research

Interpersonal attraction was originally conceptualized within our discipline as a source of influence in communicative interaction. McCroskey and McCain (1974) defined three dimensions of attraction, including judgments about social affinity, task respect, and physical appearance. Task attraction deals with the perceived ability to work with another person, and within the organizational context, thus has been considered a more relevant source of influence than social or physical attraction (Wheless & Reichel, 1990).

Attraction ratings have been conceptualized as a mediator variable in the relationship between observed behavior and perceived communication competence. Attraction and competence perceptions are thought to be correlated and their causal influence is bi-directional (Canary & Spitzberg, 1987). While attraction ratings are not synonymous with competence judgments (e.g., one may be impressed by another's performance

by another's performance without being attracted to her/him), perceptions of appropriateness and effectiveness are mediated by perceptions of attraction, and vice versa (Canary & Spitzberg, 1987).

The relationship of attraction and competence perceptions is complicated by the fact that attraction impressions occur prior to "interaction," and are adjusted after interaction, based on behavior. Duran and Kelly (1988) used a pretest/posttest design to measure the effect of competence perceptions on attraction with pre-interaction attraction scores as a covariate. Competence ratings of perceived appropriateness and effectiveness accounted for an additional 17% of the variance in task attraction ratings after the effect of pre-interaction attraction perceptions was controlled out.

With respect to task attraction as an effect of communication behavior, Wheelless and Reichel (1990) correlated subordinate ratings of supervisors' task attraction with measures of the supervisor's general communication style and conflict management style. A linear combination of general communicator styles, including versatility and responsiveness, accounted for 45% of the variance in task attraction scores.

The contribution of compliance-gaining attempts to attraction perceptions has not yet been investigated. Based on the result of previous studies, attraction ratings are expected to covary with competence ratings. Path modeling can be used to sort out the causal direction of the relationship between compliance-gaining tactic use, and the related outcomes of communication competence and task attraction ratings. Thus the second question of concern for this study was the strength of the competence-task attraction correlation. One model would predict that post-behavior competence ratings influence task attraction scores. If this is the case, the correlation between compliance-gaining tactic and task attraction would be the product of the tactic-competence and the competence-task attraction correlations, to within sampling error.

A second model would predict that if post-behavior task attraction ratings influence competence judgments, the correlation between tactic use and competence rating would be the product of the tactic-task attraction and the competence-task attraction correlations, to within sampling error.

METHOD

Sample

Subjects were employees of a state-operated mental health institution in the southern United States that employed approximately 1300 people when the data were collected (Spring, 1988). Forty subjects were computer-selected from an alphabetic employee roster using a systematic sampling procedure with a random start.

Subjects were approached individually by the author, who requested their participation in "a study about communication between employees and their bosses," and were told that participation would require about twenty minutes time spent during working hours. As subjects agreed to participate, they were assigned alternately to one of the two treatment groups (liking or negative altercasting) by the researcher.

Forty subjects completed the rating instrument, but data analysis for the first treatment group, who viewed the negative altercasting instantiation, was based on nineteen subjects due to missing data. Demographic frequencies are adjusted accordingly. For the 19 subjects who watched the antisocial compliance-gaining message, 7 were supervisors and 12 were non-supervisory employees; there were four males and 15 females and age ranged from 23-67 years (Mean = 36.47, s.d. = 13.82). For the 20 subjects who watched the prosocial compliance-gaining attempt, 11 were supervisors and 9 were nonsupervisory employees; there were 6 males and 14 females, and age ranged from 21-66 years (Mean = 39.30, s.d. = 13.06).

Procedures

Upon arrival, subjects were asked to view a brief videotape and provide their impressions of the person on the tape. Prior to viewing the tape, subjects were instructed to assume that they were the target of the influence attempt being portrayed. They were also told to "act like the person on the tape is your supervisor here at (name of organization)." Twenty subjects watched an actor portray a prosocial compliance-gaining tactic (liking), and twenty other subjects watched the same actor portray an antisocial compliance-gaining tactic (negative altercasting). Immediately after viewing the videotape, subjects were asked to respond to a set of written statements about the actor on the tape. Upon completion of the written instrument, subjects were thanked by the researcher and allowed to return to their work stations.

Jackson and Jacobs (1983) have argued against the use of single message instantiations to test the effect of message category differences on perceptual outcomes, stating that "any particular message chosen to represent any message category must be assumed to differ from other members of the category in unkonwn and indefinitely numerous ways" (p. 171). Recently, however, Hunter, Hamilton, and Allen (1989) challenged this reasoning, arguing that "scientifically relevant differences in 'natural' and 'artificial' messages are often minor or irrelevant" (p. 342). The single messages used to instantiate liking and negative altercasting in the current study are appropriate because the videotaped messages were worded exactly as the tactics were defined by Marwell and Schmitt (1967). These messages have been used repeatedly in the tactic selection literature but integrative attempts are much needed to mesh the results of previous tactic selection studies with the outcomes of compliance-gaining attempts.

Instrumentation

Independent variable. Two short scripts were prepared to portray the implementation: a pro- (liking) and an antisocial compliance-gaining tactic (negative altercasting). The script's subsequent story boards used for video-recording were identical except for the compliance-gaining message (see Figure 1). The context was a male superior, who appeared to be about 40 years old, addressing a subordinate in the superior's office. In each case, the taped actor requested compliance from an off-camera subordinate (the subject) on an unnamed task, using either liking or negative altercasting (Marwell and Schmitt, 1967). He was dressed in casual pants and a shirt, as is common for supervisors in this organization. The superior's office used by the organization was typical but not sufficiently personalized to be recognized as belonging to a particular supervisor. The videotape was recorded by the author and one assistant. The completed tapes were each about a minute long (liking = 62 seconds; negative altercasting = 56 seconds).

Dependent variables. Communication competence was operationalized using Spitzberg and Cupach's (1984) Rating of Alter Competence (RAC). The RAC elicits competence judgments made by conversational alters about an actor (i.e., the superior), and is designed for use by untrained raters (Spitzberg, 1987). The RAC references a specific conversation, versus a trait measure of competence. The scale is comprised of 27 five step Likert-type items. The reliability of the RAC in this study, as measured by Cronbach's alpha, was .86.

Attraction was operationalized using the task dimension of McCroskey and McCain's (1974) Interpersonal Attraction Scales. This measure reflects an actors' general orientation toward another's task performance, and includes five Likert-type items, each with five point response format ranging from strongly disagree to strongly agree (e.g., "I couldn't get anything accomplished with him"). The reliability of the task attraction scale in this study was .70.

Statistical Analysis

An analysis of variance (ANOVA) was conducted to examine the influence of compliance-gaining tactic instantiation on communication competence ratings by subordinate subject groups. Pearson correlations were computed between compliance-gaining tactic, communication competence and attraction scores in order to compare the two path models relating competence and task attraction outcome ratings to tactic use by the actor (see Fornell & Rust, 1989, for discussion of a procedure for path modeling with co-variance).

RESULTS

Results of ANOVA. A significant effect was found for the effects of tactic on competence ($F(1, 37) = 5.11, p < .05$) and the cell means

Figure 1: Stimulus Scripts

*Script for Prosocial Compliance-Gaining Tactic
(Liking)*

Shot:	Content:
Long shot	Scene is boss sitting at desk, looking down at papers, holding pen. Looks up, seeing (off-camera) employee enter office.
Medium shot	Boss puts pen down on desk. Rises from desk, reaching hand forward over desk to shake hands with (off-camera) employee who has entered office.
Close-up	<p>Boss standing behind desk/Head and shoulder shot.</p> <p>Boss: "Hello! Come in. Sit down (gestures to chair on front left of desk). Thank you for coming in to see me today. How're you doing?"</p> <p>(Pause, boss sits down.) Boss: "Are you doing all right here? Good, good (pause). Glad to hear it.</p> <p>As you know, I've always liked you a great deal. Uh, in fact, that's one reason that I've decided to ask <i>you</i> to do something special, for me, if that's o.k."</p> <p>(pause) Boss: "O.k. Fine. Well, we'll talk later about it some more. Thanks a lot. Right. Really appreciate your coming by. Right. So long. Say hi to everybody. Right." (Boss smiles, returns to paper work at the desk.)</p> <p>Cut to black.</p>

*Script for Antisocial Compliance-Gaining Tactic
(Negative Altercasting)*

Shot:	Content:
Long Shot	Scene is boss sitting at (same) desk, looking down at papers, holding pen. Looks up, seeing (off-camera) employee enter office.
Medium shot	Boss puts pen down on desk. Rises from desk, reaching hand forward over desk to shake hands with (off-camera) employee who has entered office.
Close-up	<p>Boss standing behind desk/Head and shoulder shot.</p> <p>Boss: "Hello! Come in. Sit down (gestures to chair on front left of desk). Thank you for coming in to see me today."</p> <p>Boss sits down at desk, picks up papers, piles them over to one side of the desk, and looks directly at the employee (seated off-camera).</p> <p>Boss: "In reference to what I am asking you to do, I've called you in today to let you know that only a bad person would refuse to do what I am asking you to do. Is that clear?"</p> <p>(Pause) Boss: "Thank you for coming in. Fine. You can go."</p> <p>Boss rises and again shakes hands with (off-camera) employee. Boss: "Thank you for coming in."</p> <p>Boss sits down and resumes writing on papers at desk.</p> <p>Cut to black.</p>

indicated that subjects who viewed the liking tactic rated the actor as more competent ($M = 65.25$, $s.d. = 15.89$) than subjects who viewed the negative altercasting tactic ($M = 55.37$, $s.d. = 10.80$). The effect accounted for 53% of the total variance in the tactic-competence relationship.

Correlation analysis. According to the first alternative path model, the predicted correlation between tactic and task attraction would be the product of the tactic-competence and the competence-task attraction correlations, to within sampling error. In this case, $r = (.35 \times .55) = .19$. The obtained tactic-task attraction correlation ($r = -.10$) has a confidence interval of $P(-.81 \leq P \leq .41) = .95$. Thus the predicted correlation ($r = .19$) is well within the sampling error of the obtained value, and these data are consistent with the first model, that post-behavior competence ratings influence attraction scores.

TABLE 1
Correlations Among Tactics, Competence and Attraction

	Tactic	Competence	T. Attraction
Tactic	1.0		
Competence	.35	1.0	
T. Attraction	-.10	.55	1.0

The second alternate model, that post-behavior task attraction ratings will influence competence ratings would be supported by a tactic-competence correlation equivalent to the product of the tactic-attraction and the competence-attraction correlations, to within sampling error. In this case, the predicted correlation of tactic-competence ($r = -.10 \times .55 = -.06$) was not consistent with the obtained tactic-competence correlation ($r = .35$) to within sampling error at the .95 confidence interval. Thus this model was not supported by these data.

DISCUSSION

This study addressed the question of whether different compliance-gaining messages (pro- vs. antisocial) used by a superior could account for differences in subordinate-rated communication competence and task attractiveness. Results indicated that the compliance-gaining message instantiation significantly affected communication competence ratings, and that the actor was seen as more competent when using a prosocial compliance-gaining tactic (liking) than when using an antisocial tactic (negative altercasting). Thus the hypothesis was supported. Further, causal path modeling indicated that the type compliance-gaining tactic use impacted the targets' ratings of the actor's communication competence, which subsequently affected his task attraction ratings. In short, subjects judged the actor as more or less competent based on tactic

use, and this judgment influenced their rating of how well they could work with him (task attraction).

The results of the study suggest that a supervisor who is able to accomplish influence using prosocial compliance-gaining tactics will be viewed as more communicatively competent than a supervisor who resorts to antisocial tactics to elicit compliance from subordinates. Lim (1990) demonstrated the vicious circle of aggressive compliance-resisting attempts, where aggressive resistance evoked increasingly aggressive tactics by the persuader. It is quite likely that this effect also operates in reverse. In contrast, actors who are able to influence interaction outcomes while maintaining positive affect by using prosocial tactics can amass a "power" to influence by accumulating impressions of competence with potential persuaders. Canary and Spitzberg (1987; 1990) found such a cumulative effect for the competent use of conflict management tactics on attributions of speaker power. Thus, the present study suggests that a supervisor who can successfully influence with prosocial tactics is likely to gain power in the form of accumulated competence impressions among his/her subordinates.

The path models were used to test the direction of the relationship between task attraction and competence outcomes. The data supported the model that ratings of actor competence which are differentiated according to tactic use subsequently affect targets' task attraction judgments. Previous competence research indicates that self-ratings of competence are often inflated when compared to other-rated competence. One interpretation for this finding is that inflated self-ratings reflect individuals' desire to appear, and to be competent. A derivative of this interpretation is that all persons desire to work with competent others, and therefore base task attraction judgments (i.e., how well one could work with another person) on competence impressions. Further research should examine the social and physical dimensions of attraction, in addition to task attraction.

This study was limited to only two compliance-gaining tactics—liking and negative altercasting. Obviously a host of other compliance-gaining tactics could be used to represent the pro- and antisocial dimensions (cf., Roloff & Barnicott, 1978), and replications would contribute to the corpus of data initiated in this study. A program of study designed to further integrate extant tactic selection research with outcomes relevant to the organizational setting would provide much needed consolidation to the compliance-gaining literature.

Finally, the validity of the videotaped tactic instantiations used to manipulate experimental conditions must be regarded as suspect due to the fact that no manipulation check for "perceived realism" was conducted with these subjects. In order to strictly control the differences between tactic conditions, no receiver was shown on the tape, no specific request was made, and the tapes were quite brief. Subjects may have had difficulty empathizing with the actor on the tapes, and this could

have affected the perceptual ratings of his behavior. Future researchers should exercise caution in balancing demands of ecological validity and experimental control with regard to videotaped tactic instantiations.

ENDNOTES

1. A separate category of studies deals with the characteristic features of compliance-gaining messages (c.f., Neuliep & Mattson, 1990).
2. Obviously, communication cultures may differ regarding the content of pro- and antisocial tactics. The studies reported in this review generalize only to U.S. and European organizations.
3. Miller, Boster, Roloff, and Seibold (1987), and Wheelless, Barraclough, and Stewart (1983) document some of the many reasons for lack of compliance-rate outcome studies, including subject testing effects ("participants in compliance-gaining studies may be more mindful . . . than are interactants in situated encounters," Miller et al., 1987, p. 103), information processing differences between research and natural settings, and imagined vs. actual interactions, among others. For example, some compliance-gaining outcome studies have used laboratory settings (Greene et al., 1990) and college students as subjects (Lim, 1990), rather than actual employees in their natural settings.
4. A chi-square test indicated that the percentage of supervisory personnel in the two conditions was not significantly different. $X^2(1, N = 39) = 1.3, p > .05$.

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