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► **To cite this version:**

A. Pascual, C.J. Carpenter, N. Guéguen, F. Girandola. A meta-analysis of the effectiveness of the low-ball compliance-gaining procedure. *European Review of Applied Psychology / Revue Européenne de Psychologie Appliquée*, 2016, 66 (5), pp.261-267. 10.1016/j.erap.2016.06.004 . hal-03175652

HAL Id: hal-03175652

<https://hal.science/hal-03175652>

Submitted on 9 Jan 2022

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Personality and Social Psychology Review

A Meta-Analysis of the Effectiveness of the Low-Ball Compliance Gaining Procedure

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Journal:	<i>Personality and Social Psychology Review</i>
Manuscript ID:	PSPR-02-15-014
Keywords:	Applied Social Psychology, Helping/Prosocial Behavior, Social Influence/Power

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LOW-BALL META-ANALYSIS

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A Meta-Analysis of the Effectiveness of the Low-Ball Compliance Gaining Procedure

For Peer Review

LOW-BALL META-ANALYSIS

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Abstract

The low-ball technique (Cialdini et al., 1978) is a compliance gaining technique consisting in making a very attractive initial offer to get a person to agree to the request and then making the terms less favorable. The effectiveness of this technique was evaluated in a meta-analysis using 17 references, including 23 studies, 45 subgroups and a combined sample size of 5218. The completed analysis reported a weighted mean correlation coefficient of $r = .16$ and a weighted mean odds ratio of $OR = 2.47$. Moderator analysis reported that the Low-ball technique was more efficient with a high cost for the participant and when the solicitation of the target request is deferred. These findings appeared congruent with commitment theoretical explanation of the Low-Ball technique.

Keywords: Low-ball technique, Request, Compliance, Meta-analysis

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3 Many techniques has been found in social psychological literature for gaining
4 compliance with a request: the foot-in-the-door technique (Freedman & Fraser, 1966), the door-
5 in-the-face technique (Cialdini, Vincent, Lewis, Catalan, Wheeler, & Darby, 1975), the foot-in-
6 the-mouth (Howard, 1990), the “evoking freedom” technique (Guéguen et al., 2013), etc. (see
7 Pratkanis, 2007 for an exhaustive review).

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9
10 One of these procedures, the low-ball, appears to be very effective at increasing
11 compliance with a request. However, unlike most of the other techniques cited, it has received
12 less interest from researchers. The low-ball technique (Cialdini, Cacioppo, Bassett & Miller,
13 1978) is based on a simple principle: obtaining an individual’s agreement to engage in a
14 behavior either by painting the advantages in glowing colors which disappear afterwards, or
15 by hiding the drawbacks which arise after the initial acceptance. The individual is then asked
16 again if he/she still agrees to do what had been asked of him/her.

30 **The low-ball technique**

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32 In the first experimental study carried out on the low-ball technique, Cialdini,
33 Cacioppo, Bassett and Miller (1978) hoped that students would agree to participate in a
34 psychological experiment which was scheduled very early in the morning. The experimenter
35 recruited students in classrooms by saying that he was looking for students who would be
36 given a course credit for participating in a study on cognitive processes. The experimenter
37 was honest in the control situation and said that the experiment would begin at 7 am. In the low-
38 ball condition, the experimenter asked if there were volunteers to participate in a psychology
39 experiment. After one participant accepted, the experimenter informed him that the
40 experiment would be held at 7 am, and then he asked the participant if he was still willing to
41 participate in the experiment. The participant was given the date and place of the appointment
42 for the experiment in both conditions. The day before the appointment, each
43 participant was contacted by phone to be reminded. The results show that 31% of the
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LOW-BALL META-ANALYSIS

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participants in the control condition accepted the final request compared to 56% in the experimental condition. Moreover, the behavioral measurements show that 24% of the participants in the control group arrived at the fixed time compared to 53% in the low-ball condition.

According to these authors, the low-ball effect can be explained by the theory of commitment (Kiesler, 1971). This theory supports the hypothesis of a psychological mechanism of resistance to change. It seems that once the decision to help the solicitor is made, the participant sticks to that decision even if the cost of the help has significantly increased. The individual who is committed to the behavior will then attempt to act in accordance with his/her first decision even if the new behavior is less rewarding.

The effectiveness of this technique has been shown in numerous studies. It was reported that the low-ball technique increases compliance with a pro-social request (Burger & Cornelius, 2003; Guéguen, Pascual, & Dagot, 2002; Weyant, 1996). Research also found that this technique appeared effective to encourage smokers to stop smoking during 18 hours (Joule, 1987) or to stop eating during 12 hours (Joule, Fointiat, Pasquier & Mugny, 1991). It was also found that the low-ball increased user contributions to online communities (Masli & Terveen, 2012).

The objective of this paper was triple. First, we wanted to evaluate the mean of effect-size of this compliance technique given that some research reported a positive effect of the low-ball technique relative to the control group (e.g. Joule, 1987) and others reported a reverse effect with the low ball technique decreasing compliance with the request (e.g. Motes & Woodside, 1979). Second, we wanted to compare the mean low-ball effect-size with further well-known compliance techniques for which several meta-analysis were performed: the foot-in-the-door (Beaman, Cole, Preston, Klentz, Merhrkens & Steblay, 1983; Dillard, Hunter & Burgoon, 1984; Fern, Monroe & Avila, 1986; Burger, 1999; Pascual & Guéguen, 2005), the

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3 Door-in-the-Face (Dillard, Hunter & Burgoon, 1984; Feeley, Anker & Aloe, 2012; O’Keefe
4 & Hale, 2001), the “but you are free to...” technique (Carpenter, 2013), the Legitimization of
5 Paltry Contribution technique (Andrews et al., 2008) or the Disrupt-the-reframe technique
6 (Carpenter & Boster, 2009). As most of the requests used with the compliance techniques are
7 nearly the same as those used in low-ball literature, the comparison of the effect-sizes
8 reported with the different techniques are possible. Third, we wanted to test the effect of
9 several possible moderators of the effectiveness of low-ball technique. Some studies on low-
10 ball techniques have used different types of requests. For some there was a delay or none
11 between the first and the second request. Additionally the request has been stated face-to-face,
12 by telephone, or by internet. Thus, it could be interesting to test the effect of such possible
13 mediators on compliance with a request because several of the meta-analyses performed on
14 well-known compliance-gaining procedures have reported have found evidence that these
15 variables moderate compliance-gaining effectiveness.
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32 **Method**

33 **Sample**

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36 Several disciplinary search engines were used to find articles: PsyInfo, Ebsco Business
37 Source Premier, Communication and Mass Media Complete, Science Direct, MedLine.
38 General Search engines were also used (Web of Science, HAL, Google Scholar). A more
39 general Web search completed the process. The terms “low-ball” and “low ball” were used as
40 search terms in all the cases.
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48 **Study selection**

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50 Each study using the low-ball procedure was considered for inclusion in the meta-
51 analysis. However, only studies that had a control group with only the later request addressed
52 to the participants and a Low-ball group with the two classical requests were included. This
53 criterion excluded 3 studies (Burger & Cornelius, 2003, study 1; Burger & Petty, 1981, study
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LOW-BALL META-ANALYSIS

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2 and 3; Wang, Brownstein, & Katzev, 1989). Only studies that had a dichotomous complied/did not complied dependent variable were retained. This excluded some continuous dependent variables that appeared in some studies (Brownstein & Katzev, 1985; Hornik, Zaig, & Shadmon, 1991a; Masli & Terveen, 2012). However, in these later studies the first dependent variable was a dichotomous complied/did not complied one. Thus, these studies were included in the meta-analysis. Furthermore, two references were excluded from analysis (Hornik, Zaig, Shadmon, & Barbash, 1990; Hornik, Zaig, & Shadmon, 1991b) because their data were published in another reference (Hornik, Zaig, & Shadmon, 1991a). At the end, we found a set of 17 articles reporting the results of 23 studies including a total of 4885 participants. Table 1 presents the rate of compliance of both conditions and sample-sizes of each study used in the meta-analysis.

- Table 1 Here -

Coding

Several factors associated with each study were coded as possible moderators in this paper. Nine moderators were considered in the meta-analysis:

- type of request (prosocial, self-interested...),
- cost for the participants (low, moderate or high),
- the country where the study was performed,
- the delay between the first and the second request in the low-ball condition (immediate or with a delay),
- whether the request was addressed to a group of participants or to a single participant.
- the presentation mode of the request (face-to-face, telephone...),
- whether the study measured verbal compliance with the request or behavioral compliance,
- when the information was available, we coded the gender of the participants,

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3 - also in cases when the information was available the gender of the solicitor was coded.
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5 After decomposing the studies by moderator, 45 sub-groups were found.
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7 For all the experimental cases included in meta-analysis, two effect-sizes were coded.
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9 First, according to Cooper (1998) we calculated the correlation coefficient resulting from the
10 comparison between the Low-Ball technique compared with the control direct-request
11 situation. We also calculated the odds ratio (OR) for each experimental case. Of course, OR
12 was calculated only when the compliance measure was a dichotomous (comply or not with
13 the request) one. This excluded the second dependent variables measured in Browstein and
14 Katzev (1985), Hornik et al., (1991a); Masli and Terveen (2012).
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23 **Results**

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25 Initially, the various meta-analytic statistics that were calculated and their
26 interpretation will be described. Then the overall results will be reported. Then the effects of
27 the coded moderators of the effect will be explored.
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32 Table 2 displays the information about the overall findings and the subgroups analysis.
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34 The first column, “k,” indicates how many studies were included in that calculation. The “N”
35 column indicates how many total subjects participated in those studies. The “r” column
36 indicates the effect of using the low-ball technique relative to a direct request control
37 expressed as a correlation such that positive correlations indicate the low-ball was more
38 effective. These are sample size weighted estimates of the average effect as per Hunter and
39 Schmidt’s (2004) recommendations. The “OR” column represents the odds ratio such that a
40 value greater than one indicates that the subjects more likely to comply in the low-ball
41 condition than the control. For example an OR of two indicates the low-ball subjects were
42 twice as likely to comply. The ORs were calculated and averaged using recommendations
43 from Haddock, Rindskopf, and Shadish (1998).
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LOW-BALL META-ANALYSIS

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The remaining three columns indicate the extent to which the specified sample of studies represents a homogeneous effect and are again based on Hunter and Schmidt's (2004) recommendations. A homogeneous effect is one that estimates a true, single population value for that group. A homogeneous effect is unmoderated such that all the variation in the effect size is only due to sampling error. These effects are also called fixed effects. A heterogeneous effect estimate does not represent a single population effect (also called a random effect). Instead, it represents the average of several population effects. These several effects are those that are based on moderators. For example, in this meta-analysis, the overall effect is heterogeneous and thus is moderated. There is not a single population effect for the low ball because the effect depends on a number of additional conditions. Yet, when the studies that used prosocial requests are considered as a group, that effect is homogeneous and can be taken as an estimate of the effectiveness of the low-ball technique when the request is prosocial. The "% explained" column represents Hunter and Schmidt's method of estimating if the effect is homogeneous. That column indicates how much of the variation in effect sizes is due to sampling error. They argue that if about 75% or more of the variation is due to sampling error, the effect is likely to be homogeneous, i.e. unmoderated.

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The next two columns represent the 80% credibility interval. A credibility interval is different than a confidence interval and in the context of a meta-analysis is more useful whereas the confidence interval is biased (Hunter & Schmidt, 2004). The credibility interval indicates the expected variation in the effect size due to additional moderators. For example, the full sample effect size is expected to vary between -.04 and .38 based on moderators. In other words, some moderators will cause the effect to be null and some will cause it to be stronger. When the "% explained" column indicates 100, it means that there is not any variation due to moderators so a credibility interval cannot be constructed.

Main Findings

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The first row of data in Table 2 shows the results of the overall meta-analysis containing every obtained study. The overall correlation was somewhat small ($r = .16$) but consistent with other compliance-gaining techniques. The 27% variance explained suggests that the effectiveness of the technique was moderated.

As the Hunter and Schmidt (2004) method weights the average effect size by sample, it is sensitive to outliers in the sizes of the samples in the study. One study, the only study conducted via the internet, had an unusually large sample ($N = 1,904$) which represented 36% of the total combined sample. That study found an unusually small effect ($r = .03$). Given the combination of an unusually small effect, a large sample size, and a unique message channel, it may be more useful to consider the overall effect of the technique in face-to-face or telephone delivery. When that study was removed from the data set, the overall effect was larger ($r = .23$) and the explained variation was higher (37%). The second row of data represents the results of studies conducted using the traditional channels of face-to-face and telephone. Given this potential outlier, all moderator analyses are displayed both with and without the internet study in the results table. It is our position that the moderator analysis shown without the internet study (rows with “w/o Int”) present more accurate results, but both are included.

Moderator Analysis

The first moderator to be considered was the nature of the request. There were three types of requests found in the literature: business, self-interested, and prosocial. Requests not fitting into these three were placed in the “other” category. As Table 2 shows, the business requests found the weakest effect for the technique, the prosocial a moderate effect, and the self-interested the largest. In the prosocial request studies, the set was homogeneous and unlikely to be further moderated whereas the other three groups were not. The credibility interval for the business group included a nearly null effect which suggests there are times

LOW-BALL META-ANALYSIS

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3 when the technique will produce almost no effect for a business request. The credibility
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5 interval for the self-interested requests, on the other hand, suggests that the technique will
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7 almost always be moderately effective for that type of request.

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10 Next the cost to the target will be considered. The data indicate that when using the
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12 low-ball for low to moderately sized requests the technique will have a somewhat small
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14 effect. The credibility interval suggests that there are occasions when the technique will
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16 barely work at all for these requests. Yet when the request has a high cost for the target, the
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18 technique reaches a moderately sized effect that is unlikely to disappear regardless of the
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20 moderator.
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23 There were two primary countries in which most of the studies took place: France and
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25 the United States. Two were conducted in Poland and two in Israel, but two is an insufficient
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27 number for meta-analysis. The technique tended to be substantially larger in France than in
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29 the United States. Without the internet study, the credibility interval indicates that the effect in
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31 the U.S. was moderate but may disappear in some situations whereas the effect in France may
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33 be small but will tend to produce a noticeable effect regardless of the moderator.
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38 Closer examination of the set of French and set of American studies showed that all of
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40 the self-interested request studies were French whereas there were no French business request
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42 studies. This pattern raised the possibility that the increase in effectiveness associated with
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44 French studies may be attributed to those studies more frequently using the more effective
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46 self-interested requests. The lower portions of the Table show the country findings broken
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48 down further by the type of request. There were business request studies in the U.S. set but
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50 none in France and there were self-interested request studies in France but not in the U.S. Yet,
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52 there were prosocial request studies conducted in both countries as well as those placed in the
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54 "other" category. The prosocial studies in France showed a somewhat larger effect than the
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56 U.S. and both of these effects were homogeneous. That suggests that there are unlikely to be
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3 any additional moderators that explain this difference. That finding indicates that even when
4 the type of request is the same, the French studies tend to find a larger effect. Additional
5 research is needed on business requests in France and self-interested requests in the U.S. in
6 order to determine if the increased effectiveness associated with French samples occurs with
7 those types of requests as well.
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14 Some of the studies required a response immediately whereas in others it was
15 deferred. The results suggest that the technique is stronger when the target request is deferred.
16 Without the internet study, the effect is somewhat larger for the deferred than the immediate,
17 but there is a large overlap in credibility intervals which indicates that there are many
18 occasions in which the effect will be the same size. The difference does suggest a somewhat
19 larger tendency for people to comply in the deferred decision studies.
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28 The next moderator was whether the target of the request was an individual or a group.
29 There were only three studies for which the target was a group so results should be considered
30 very tentative. Despite the small group, the set was homogeneous and the effect was very
31 small. The technique may not be effective when the target is a group rather than an individual.
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37 Another moderator was whether the request was made face to face, over the phone, or
38 via the internet. The small effect size associated with the single internet study has already
39 been mentioned. The phone studies seem to find a somewhat larger effect than the face to face
40 studies. There is some overlap in the credibility intervals that suggests that although the phone
41 will usually be more effective, there are some situations in which a face to face request may
42 be as effective as the phone.
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50 The studies also varied depending on whether or not the measure was verbal
51 agreement to perform a behaviour or if the behaviour was actually observed. When the
52 internet study was excluded from the behavioural set, there was very little difference between
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3 the two measures. Both were heterogeneous. This proposed moderator variable seems to have
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5 had little effect on the low-ball's effectiveness.
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8 Next, the sex of the experimenter was examined. In many studies, both male and
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10 female experimenters were used ($k = 25$) but in some only female or only male were used.
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12 The results indicate that the technique was more effective when female experimenters were
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14 used than male. These estimates were homogeneous, which suggest that female experimenters
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16 were consistently more effective than male in these studies. Oddly, studies that used both,
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18 when the internet study is excluded, find an effect that is nearly as large as those using
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20 exclusively females. These results may indicate that using only male requesters is an less
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22 effective means of implementing the technique.
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25 Additionally, some studies exclusively targeted women or exclusively men, though
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27 most targeted both. In this case, male targets tend to be more compliant than female. The
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29 female target sample can be considered homogeneous as more than 75% of the variance was
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31 explained by sampling error. The male target sample was not far off from the threshold for
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33 homogeneity, suggesting that a small amount of variance could be accounted for by additional
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35 moderators. Without the internet study, the studies that targeted both sexes produced a
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37 heterogeneous effect that fell between the male and female effects. Closer examination of the
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39 exclusively male and exclusively female target groups found that these studies were also
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41 consistently face to face whereas the studies that targeted both sexes included face to face and
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43 telephone studies. When only the studies that targeted both sexes and used a face to face
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45 interaction were examined as a set, the effect size was almost identical to the female subjects'
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47 effect. It appears that if the low-ball is implemented face to face, targeting men is more
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49 effective.
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53 **Publication Bias**

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In some research literatures, studies finding null effects are not published due to a bias against results that do not find statistically significant results. There are various methods of attempting to determine if a meta-analysis is missing studies that were not published due to their findings. One such method is the trim-and-fill algorithm (Duval & Tweedie, 2000). The algorithm assumes that study effect sizes should have a predictable distribution based on sampling error when there are no missing studies. The current set of studies was tested using the trim-and-fill and the algorithm did not detect any missing studies in the data set. It appears that publication bias is unlikely to be a problem in this particular research area.

Discussion

The weighted mean effect size of the increased probability of compliance associated with the Low-Ball technique appeared similar to the meta-analytic estimates of the effect size reported with further compliance-gaining procedures such as the Foot-in-the-Door ($r \approx .10$: Beaman, Cole, Preston, Klentz, Merhrkens & Steblay, 1983; Dillard, Hunter & Burgoon, 1984; Fern, Monroe & Avila, 1986; Burger, 1999; Pascual & Guéguen, 2005), the Door-in-the-Face ($r \approx .13$, Dillard, Hunter & Burgoon, 1984; Feeley, Anker & Aloe, 2012), the “but you are free to...” technique ($r = .13$: Carpenter, 2013) or the Legitimization of Paltry Contribution technique ($r = .11$: Andrews et al. (2008). Though the effect-size of the low-ball appeared moderate ($r = .16$), when excluding the one study conducted via the internet we reported a higher effect-size suggesting that the low-ball technique is an efficient way to increase compliance with a request

The moderator analysis reported that the type of the request was a significant factor with self-interested having the largest effect-size. However, we also reported that the effect of the low-ball technique was higher in France than in US. This suggested a possible confound effect between type of request and country because in the studies conducted in France most of them used self-interested requests. Thus cultural effect could explain both the effects of the

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4 type of the request and the country difference. Several studies reported cultural differences in
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6 the efficiency of compliance gaining-procedures according to culture. Pascual et al. (2012)
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8 observed that the "but you are free of..." technique - a verbal compliance procedure that
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10 solicits someone to comply with a request by simply telling a person that he or she is free to
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12 accept or refuse the request- was more effective in individualistic cultures than in collectivist
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14 cultures. Kilbourne (1989) found that the well-known "foot-in-the-door" varied in its
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16 effectiveness across three different cultures (Netherlands, France and Germany). In the same
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18 way, Pascual and Guéguen (2004) reported a difference in the efficiency of the "foot-in-the-
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20 door with implicit demand" when comparing the U. S. and France. However, with the low-
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22 ball technique the studies examined in France and US was not the same. Thus, it will be
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24 interesting to conduct cross-cultural studies using the same request in the future in order to
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26 more precisely examine the effects of culture.
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30 We reported that the effect of the low-ball technique was stronger when the target
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32 request response was deferred. According to Cialdini et al. (1978), the effectiveness of the
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34 low-ball strategy could be explained by the theory of commitment (Kiesler, 1971). This
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36 theory is based on the hypothesis of a psychological mechanism of resistance to change: once
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38 the decision to agree to a solicitation is made, people stick to that decision even if the cost of
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40 agreeing has significantly increased. Individuals who are committed to produce a behavior
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42 will attempt to act in accordance with their initial decision, even if the behavior is less
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44 rewarding than originally expected. Accordingly, it could be state than when a delay occurred
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46 between the first and the second request, then the participant has more time to feel more
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48 committed with his/her initial decision and then the probability of saying "no" to the second
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50 request decreases. Thus, in future studies it could be interesting to experimentally vary delays
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52 between the initial request and the second less favorable request.
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At least, we reported that the cost of the request exerted a moderating effect on the low-ball technique with higher compliance found in studies in which there were high cost requests. This overall result was congruent with a recent study performed by Guéguen and Pascual (2014, study 2). These authors varied the cost of the request in their study. They asked participants to have their photograph taken for a local magazine, holding different objects: a bottle of mint syrup (non-problematic product), a bottle of beer (problematic request), or a bottle of absinthe (an illegal product). The author reported that the difference in compliance between the control group and the low-ball group increased as soon as the cost of the request increased. The authors stated that the participant were motivated to try and maintain the positive impression made on a stranger, even if the request appeared more problematic at the end. Thus, as they said “yes” to the requester during the first stage, the participants said “yes” to the second request in order to maintain the good first impression of themselves as helpers that they had generated initially.

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In conclusion, this meta-analysis on the Low-Ball technique demonstrated that the overall efficiency of this technique for gaining compliance with a request was slightly higher than the overall effectiveness of other well-known compliance-gaining techniques such as the Foot-in-the-Door or the Door-in-the-Face. However, it was found that this technique appeared more effective for gaining compliance with requests with a high cost to the participant. It was also reported that the efficiency of the request increases when the solicitation of the target request is deferred. Both findings suggest that the commitment theory could be an interesting approach to evaluate the process that could explain the effect of the low-ball technique. Our results also suggested that possible cultural factors could influence the efficiency of this technique and that future research should replicate the same study in different countries.

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LOW-BALL META-ANALYSIS

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Table 1

Articles, Compliance Effects and Sample-Sizes

References	Publication Year	% Control			% Low-ball			total N
		number	/N		number	/N		
Beauvois, Joule & Brunetti (study 1)	1993	57.5	46	80	79.3	46	58	138
Brownstein & Katzev	1985	78.0	32	41	94.4	34	36	77
Burger & Cornelius (study 2)	2003	15.7	14	89	39.7	23	58	147
Burger & Cornelius (study 3)	2003	42.0	21	50	77.6	38	49	99
Burger & Petty (study 1)	1981	20.0	4	20	35.0	14	40	60
Burns & De Vere	1982	34.4	11	32	30.6	11	36	68
Cialdini, Cacioppo, Basset & Miller (study 1)*	1978	31.0	9	29	55.9	19	34	63
Cialdini, Cacioppo, Basset & Miller (study 2)*	1978	20.0	2	10	60.0	6	10	20
Cialdini, Cacioppo, Basset & Miller (study 3)*	1978	31.3	15	48	81.3	39	48	96
Dufourcq-Brana	2007	33.3	10	30	60.0	18	30	60
Guéguen & Pascual (study 1)	2014	38.0	19	50	80.0	40	50	100
Guéguen & Pascual (study 2)	2014	49.2	118	240	63.3	152	240	480
Guéguen, Pascual, Dagot	2002	12.5	5	40	30.0	12	40	80
Hornik, Zaig & Shadmon (study 1)	1991	46.9	38	81	73.8	62	84	165
Hornik, Zaig & Shadmon (study 2)	1991	46.7	64	137	70.1	94	134	271
Joule*	1987	12.5	3	24	90.6	58	64	88
Joule, Fointiat, Pasquier & Mugny	1991	10.4	5	48	80.0	32	40	88
Katzev & Brownstein*	1989	88.9	40	45	90.0	27	30	75
Maj (study 1)	2002	33.8	22	65	44.6	54	121	186
Maj (study 2)	2002	29.2	19	65	29.6	34	115	180
Masli & Terveen	2012	6.1	58	951	7.3	70	953	1904
Motes & Woodside	1979	15.0	6	40	7.5	3	40	80
Motes, Brown, Ezell & Hudson	1986	65.0	52	80	72.5	58	80	160

* These studies measured both verbal and behavioral compliance; verbal compliance rates are reported here.

Table 2

Overall Effect-Sizes and Explained Variance across Moderators Associated with Frequency of Compliance

	k	N*	r	OR	% explained	Lower 80%	Upper 80%
Full Sample	45	5218	0.16	2.47	27	-0.04	0.38
Without Internet	44	3314	0.23	3.72	37	0.05	0.41
Nature of Request							
Business	8	1042	0.13	1.68	51	0.02	0.23
Self-Interested	7	410	0.47	25.24	32	0.28	0.67
Prosocial	11	611	0.25	3.62	100		
Other	19	3155	0.11	1.93	29	-0.05	0.26
Other w/o Int	18	1251	0.23	3.92	50	0.08	0.38
Cost to Target							
Low	5	409	0.15	3.07	54	0.02	0.28
Moderate	23	3742	0.10	1.70	33	-0.04	0.24
Moderate w/o Int	22	1838	0.18	2.41	45	0.03	0.33
High	17	1067	0.35	8.50	44	0.19	0.51
Country							
France	20	1218	0.34	9.64	40	0.16	0.52
United States	21	3198	0.09	1.56	39	-0.05	0.21
United States w/o Int	20	1294	0.17	2.25	52	0.02	0.32
Time to Response							
Deferred	13	1235	0.31	5.74	29	0.12	0.50
Immediate	32	3983	0.11	1.90	38	-0.04	0.25
Immediate w/o Int	31	2079	0.18	2.88	50	0.03	0.34
Size of Target							
Group	3	397	0.07	1.41	100		
Individual	42	4821	0.16	2.59	26	-0.03	0.36

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Individual w/o Int	41	2917	0.25	4.25	39	0.07	0.43
Mode							
Face to face	31	2159	0.18	2.84	52	0.04	0.33
Phone	13	1155	0.32	6.17	29	0.13	0.51
Internet	1	1904	0.03	1.21			
Measure							
Behavioral	33	4148	0.14	2.28	30	-0.03	0.31
Behavioral w/o Int	32	2244	0.24	3.90	48	0.08	0.39
Verbal	12	1070	0.22	3.38	23	-0.02	0.43
Sex of Experimenter							
Female	5	432	0.28	3.58	100		
Male	15	1184	0.16	2.57	100		
Mixed	25	3602	0.14	2.34	18	-0.09	0.37
Mixed w/o Int	24	1698	0.27	4.88	25	0.02	0.52
Sex of Subjects							
Female	7	400	0.14	2.54	78	0.05	0.23
Male	9	468	0.32	8.13	62	0.19	0.44
Mixed	29	4350	0.14	2.17	23	-0.05	0.33
Mixed w/o Int	28	2446	0.23	3.41	32	0.04	0.42
Mixed w/o Int FtF only	15	1291	0.15	2.01	58	0.03	0.26
Country X Nature							
France							
Prosocial	4	180	0.31	5.00	100		
Self-Interested	7	410	0.47	25.24	32	0.28	0.67
Other	9	628	0.26	6.20	63	0.15	0.37
United States							
Business	4	240	0.02	0.98	100		
Prosocial	7	431	0.22	3.16	91	0.18	0.27
Other	10	2527	0.07	1.44	30	-0.06	0.19
Other w/o Int	9	623	0.20	2.46	44	0.03	0.36

* N full sample is higher than table 1 because some studies had verbal and behavioral compliance rates.

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