

## Introduction

### Background

- Gambling is a common worldwide activity. While the majority of individuals gamble without consequence, a minority experience substantial personal harms from gambling<sup>1</sup>.
- The most widely available form of treatment for disordered gambling (DG) is Gamblers Anonymous (GA)<sup>2</sup>.
- Rooted in the traditional 12-step approach synonymous with Alcoholics Anonymous, GA began in the 1950s and adopted a similar focus of companionship between members with sustained abstinence from gambling as the long-term goal<sup>3</sup>.
- There are significant gaps in knowledge surrounding the effectiveness of GA, the experiences of GA members, and how individuals interact with the program itself<sup>4,5</sup>.
- The overall effectiveness of GA as a stand-alone intervention for disordered gambling remains largely untested<sup>6</sup>.

### Goals

- Provide a closer examination of GA involvement among disordered gamblers presenting for treatment.
- Investigate involvement in GA among attendees, motives for attendance, and overall satisfaction with the program.

## Method & Measures

### Participants

- 512 treatment seeking DG's in São Paulo, Brazil between 2006-2015:
  - 141 DG's reported attending GA over the previous 30 days
  - 56.3% Male
  - Mean Age = 46.4 years ( $SD = 11.8$ )

### Measures

- **Gamblers Anonymous Questionnaire:** Assessment of GA attendance and participation, covering seven topics: GA testimony, participation in activities at GA meetings, level of interaction with GA sponsor, motives for attending GA, and helpfulness and satisfaction with GA participation.
- **Gambling Behaviours:** Assessment of gambling behaviours including: age on onset of gambling problem, age of first sought treatment, the number of days gambled in the previous 30 days, and the amount of money lost over the previous 30 days.
- **Gambling Symptom Assessment Scale (G-SAS):** 12-item instrument designed to evaluate gambling symptoms.

### Data Analysis

- A descriptive profile of GA attendance, satisfaction, involvement, and motivations.
- Analyses to identify potential predictors of GA attendance.

## Discussion

### Major Findings

- The majority of attendees found GA to be helpful but were passively involved with the program.
- However, individuals who were actively involved with the program displayed lower gambling severity.

### Clinical Implications

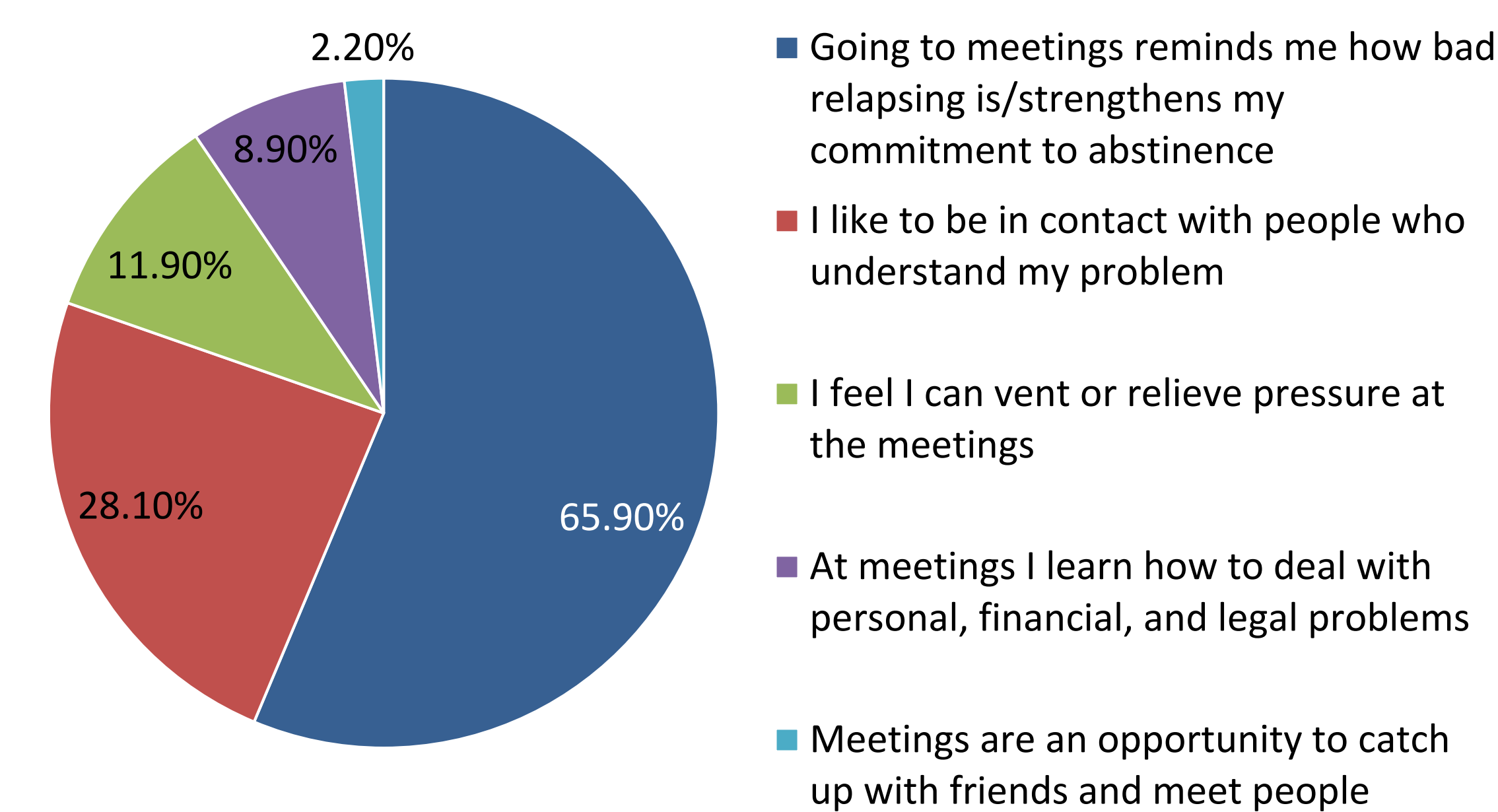
- Providing testimonials is a significant predictor of lower gambling severity and higher satisfaction with GA.
  - Research looking at why some provide testimonials and why others do not may be beneficial.
- Attendees with some contact with a sponsor displayed lower rates of gambling severity.
  - Encouraging continued contact with a sponsor may have a beneficial influence.
- A heightened focus on the strategies used by some chapters to encourage active involvement could serve to benefit GA as a whole.

### Limitations

1. Measuring GA attendance took place in a short timeframe (past 30 days).
2. The GA questionnaire remains to be tested.
3. Sample consisted of only treatment-seeking gamblers.

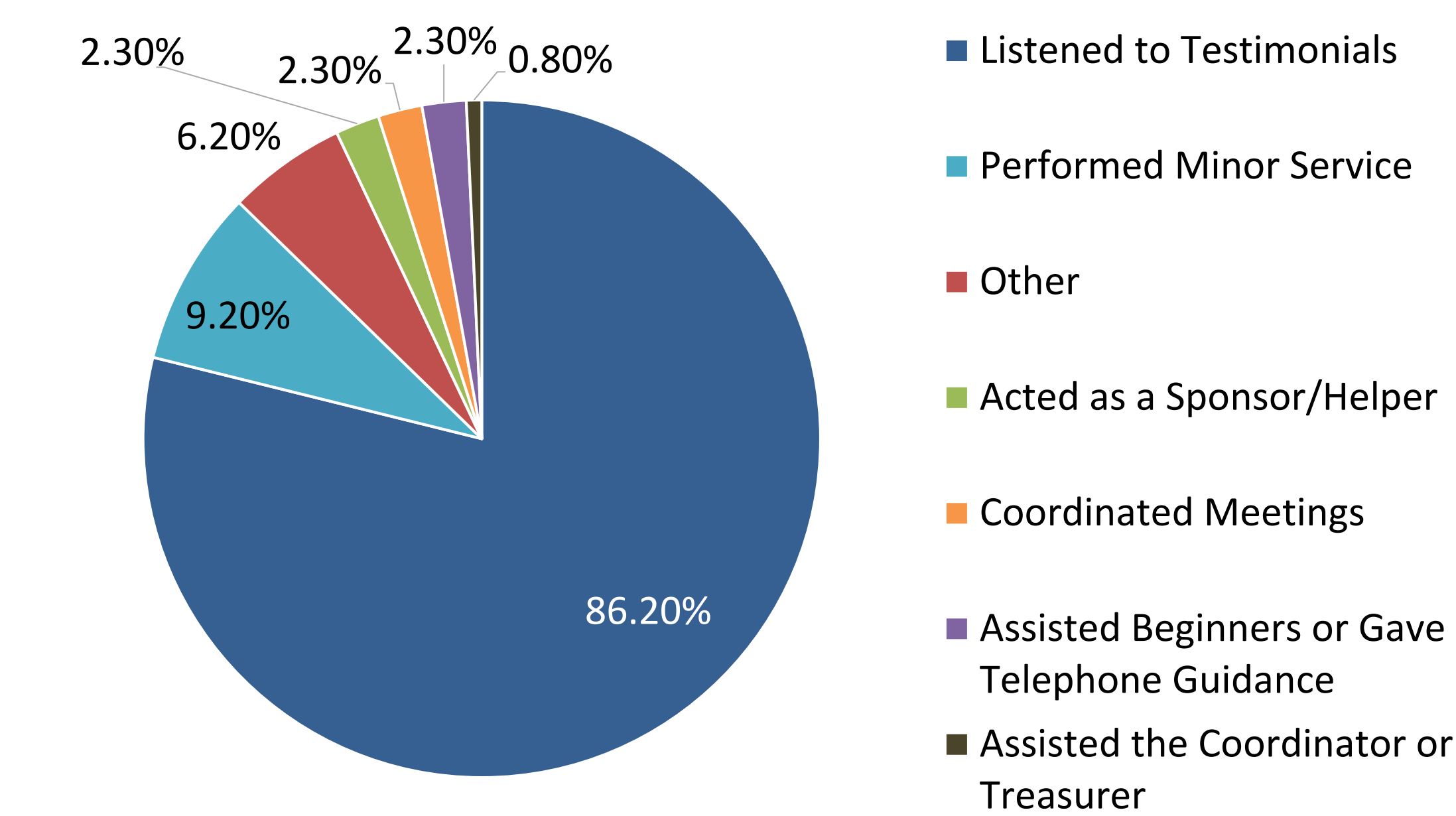
## Results

### Motivations for Attending GA



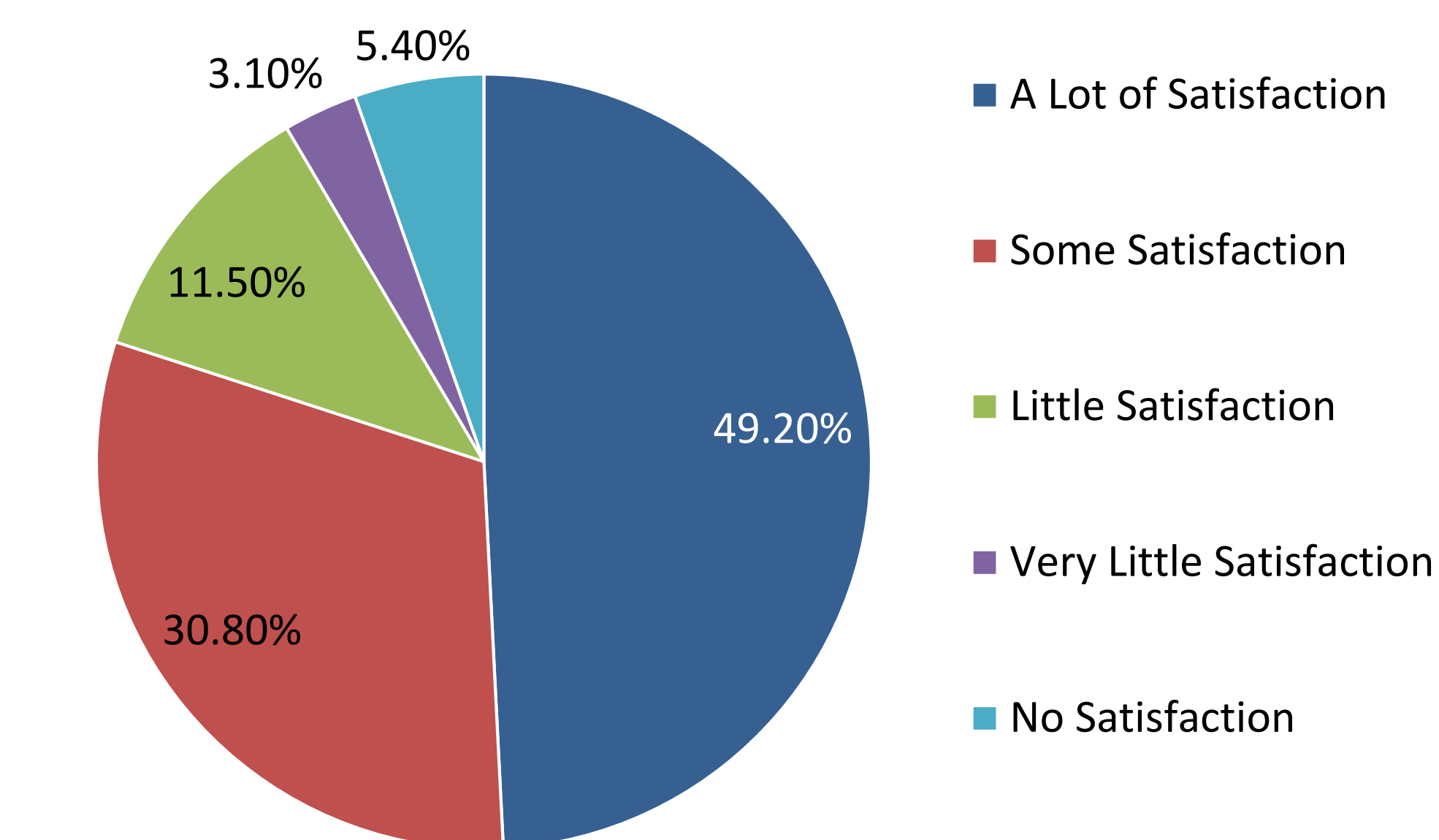
The most common motivation for attending GA was that GA reminded attendees of relapse and strengthened their commitment to abstinence.

### Activities Engaged in GA



The most common activity among attendees was listening to testimonials.

### Satisfaction in GA



Most attendees derived satisfaction from attending GA.



## References

1. Lorains, F. K., Cowlshaw, S., & Thomas, S. A. (2011). Prevalence of comorbid disorders in problem and pathological gambling: Systematic review and meta-analysis of population surveys. *Addiction, 106*(3), 490–498.
2. Fong, T.W. (2005). Types of psychotherapy for pathological gamblers. *Psychiatry, 2*(5), 32-39.
3. Ferentzy, P., Skinner, W., & Antze, P. (2009). Gamblers Anonymous and the 12 steps: How an informal society has altered a recovery process in accordance with the special needs of problem gamblers. *Journal of Gambling Issues, 23*, 42–65.
4. Ferentzy, P., & Skinner, W. (2003). Gamblers Anonymous: A critical review of the literature. *Electronic Journal of Gambling Issues, 8*, 1–29.
5. Rash, C. J., & Petry, N. M. (2014). Psychological treatments for gambling disorder. *Psychology Research and Behavior Management, 7*, 285-295.
6. Schuler, A., Ferentzy, P., Turner, N.E., Skinner, W., McIsaac, K.E., Ziegler, C.P., & Matheson, F.I. (2016). Gamblers Anonymous as a recovery pathway: A scoping review. *Journal of Gambling Studies, 32*, 1261-1278.

**Demographic Analysis:** Roughly equal numbers of men (57.4% vs. 55.8%) and women (42.6% vs. 44.2%) were in the GA and non-GA groups respectively. Similarly the average age of the GA ( $M = 46.5$ ,  $SD = 10.6$ ) and non-GA ( $M = 46.4$ ,  $SD = 12.3$ ) groups did not significantly differ.

**Gambling Predictors of GA Attendance:** The overall model was significant Cox & Snell Pseudo  $R^2 = .07$ ,  $\chi^2 = 27.09$ ,  $df = 5$ ,  $p < .01$ . The total number of days gambled ( $OR = 0.96$ ) and G-SAS scores ( $OR = 0.97$ ) were predictive of *not* attending GA.