

**Baseball Fantasy Leagues: Impact upon Major League Baseball Attendance and
Fan Identification**

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Article Submission

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Major League Baseball (MLB) is one of the four great North American sports leagues. It has various strengths: longevity, generational loyalty, and a long season. MLB also faces a declining pattern of attendance, the aging of its current fan base, and waning interest among Millennials. All North American professional sports leagues and teams have adopted social media. One such element has been fantasy sports leagues where fans act as their own general manager and create a specific “dream” team. Previous research performed by Nesbit, King, and others have indicated that the development of football fantasy leagues has both increased fan attendance at games yet decreased fan identification with a team versus that with individual players. This article builds upon their work as well as that of Robleski (2014) to analyze the impact upon fan identification resulting from the promotion of fantasy baseball leagues by MLB to boost attendance. The results indicate there is a significant risk of transitioning fan loyalty, and their spend, from teams to individual players, with resulting impacts on the long-term health and profitability of major league baseball.

Keywords: Major League Baseball, MLB, fantasy leagues, fan identification, profitability.

References

Xxxxx, x. (20xx). Xxxxxx. *Journal ref.*

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Appendix B

Initial Sample Size Calculations

(source: Creative Research Systems, <http://www.surveysystem.com/sscalc.htm#one>)

Oakland A's

Determine Sample Size

Confidence Level: ☒ 95% ☐ 99%

Confidence Interval:

Population:

Sample size needed:

San Francisco Giants

Determine Sample Size

Confidence Level: ☒ 95% ☐ 99%

Confidence Interval:

Population:

Sample size needed:

Final Sample Size Calculations

(source: Creative Research Systems, <http://www.surveysystem.com/sscalc.htm#one>)

Oakland A's

Determine Sample Size

Confidence Level: ☒ 95% ☐ 99%

Confidence Interval:

Population:

Sample size needed:

San Francisco Giants

Determine Sample Size

Confidence Level: ☒ 95% ☐ 99%

Confidence Interval:

Population:

Sample size needed:

Appendix C

Original Survey Questions - In-Person Survey

Interview #: xxxx

Question	Answer Choices / Scoring	Comments
Qualifying Questions:		
1. Are you 18?	1. Yes. 2. No. 3. Choose not to respond.	Terminate interview if answer chosen is 1 or 3.
2. What range does your age fall within?	1. Range of 18 to 29. 2. Range of 30 to 39. 3. Range of 40 to 49. 4. Range of 50 to 59. 5. range of 60 to 69 6. Over 69. 7. Choose not to respond.	
3. What is your gender?	1. Male. 2. Female.	
4. What is your 5 digit zip code?	-----	
5. Are you planning on attending today's baseball game?	1. Yes. 2. No. 3. Choose not to respond.	Terminate interview if answer chosen is 2 or 3.
2013 related questions		
6. Are you an MLB 2013 season ticket holder?	1. Yes. 2. No. 3. Choose not to respond.	
7. Are you participating in a 2013 fantasy baseball league?	1. Yes. 2. No. 3. Choose not to respond.	
If 'Yes' to Q#7, please complete Q#8 to Q#11; otherwise skip to question #12.		
8. How many 2013 fantasy baseball leagues are you participating in?	1. Range of 1 to 3. 2. Range of 4 to 5. 3. Over 5. 4. Choose not to respond.	
9. How active are you in your 2013 fantasy baseball leagues?	1. I play every week. 2. I play every other week. 3. I play one week per month. 4. I play once during the season. 5. Choose not to respond.	

10. How many hours do you spend a week on your 2013 fantasy baseball leagues?	1. Range of 1 to 3 hrs. per week. 2. Range of 4 to 5 hrs. per week. 3. Over 5 hrs. per week. 4. Choose not to respond.	
11. To what extent did your participation in a fantasy baseball league in 2013 influence your attendance at today's MLB game?	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. Choose not to respond.	

12. Will you attend any additional MLB games this season?	1. Yes. 2. No. 3. Choose not to respond.	
2012 related questions:		
13. Did you participate in one or more 2012 fantasy baseball leagues?	1. Yes. 2. No. 3. Choose not to respond.	
<i>If 'Yes' to Q#13, please complete Q#14 to Q#18; otherwise skip to Q#19</i>		
14. How many 2012 fantasy baseball leagues did you participate in?	1. Range of 1 to 3 leagues. 2. Range of 4 to 5 leagues. 3. Over 5 leagues. 4. Choose not to respond.	
15. How many hours did you spend a week on your 2012 fantasy baseball leagues?	1. Range of 1 to 3 hrs. per week. 2. Range of 4 to 5 hrs. per week. 3. Over 5 hrs. per week. 4. Choose not to respond.	
16. To what extent did your participation in a fantasy baseball league in 2012 influence your attendance at today's MLB game?	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. Choose not to respond.	
17. How many MLB baseball games did you attend in 2012?	1. Range of 1 to 3 games. 2. Range of 4 to 5 games. 3. Over 5 games. 4. Choose not to respond.	
18. To what extent did your participation in a fantasy baseball league in 2012 influence your attending a 2013 live MLB game?	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. Choose not to respond.	
19. To what extent will your attending today's MLB game influence you to join a fantasy baseball league	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 1. Primary reason I am attending this game. 2. Choose not to respond.	
20. Do you play in other fantasy sports leagues?	1. Yes. 2. No. 3. Chose not to respond.	
21. Do you follow your 2013 fantasy league team(s) more or one of the teams playing today's game more?	1. Fantasy team(s). 2. Team today. 3. Choose not to respond.	
22. How many players on your 2013 fantasy team(s) are from the teams playing in today's game?	1. Zero. 2. 1 to 3. 3. 3 -5. 4. More than 5. 5. Choose not to respond.	

23. Do you own an automobile?	1. Yes. 2. No. 3. Chose not to respond.	
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Appendix D

Used Survey Questions - In-Person Survey

Interview #: xxxx

Question	Answer Choices / Scoring	Comments
Qualifying Questions:		
1. Are you older than 18?	1. Yes. 2. No. 3. I choose not to respond.	Terminate interview if answer chosen is 1 or 3.
2. What range does your age fall within?	1. Between 18 to 29. 2. Between 30 to 39. 3. Between 40 to 49. 4. Between 50 to 59. 5. Between 60 to 69. 6. Over 69. X. I choose not to respond.	
3. What is your gender?	1. Male. 2. Female. 3. I choose not to respond.	
4. Are you planning on attending today's baseball game?	1. Yes. 2. No. 3. I choose not to respond.	Terminate interview if answer chosen is 2 or 3.
2013 related questions		
5. Are you an MLB 2013 season ticket holder?	1. Yes. 2. No. 3. I choose not to respond.	
6. Are you participating in a 2013 fantasy baseball league?	1. Yes. 2. No. 3. I choose not to respond.	
<i>If 'Yes' to Question #6, please complete Question #7 to Question #10; otherwise skip to Question #12.</i>		
7. How many 2013 fantasy baseball leagues are you participating in?	1. Between 1 to 3. 2. Between 4 to 5. 3. Over 5. 4. I choose not to respond.	

8. How active are you in your 2013 fantasy baseball leagues?	1. I play every week. 2. I play every other week. 3. I play one week a month. 4. I play once during the season. 5. I choose not to respond.	
9. How many hours do you spend a week on your 2013 fantasy baseball leagues?	1. Between 1 to 3 hrs. per week. 2. Between 4 to 5 hrs. per week. 3. Over 5 hrs. per week. 4. I choose not to respond.	

10. Is your league still active	1. Yes. 2. No. 3. I choose not to respond.	
11. To what extent did your participation in a fantasy baseball league in 2013 influence your attendance at today's MLB game?	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. I choose not to respond.	
12. Will you attend any additional MLB games this season?	1. Yes. 2. No. 3. I choose not to respond.	
2012 related questions:		
13. Did you participate in one or more 2012 fantasy baseball leagues?	1. Yes. 2. No. 3. I choose not to respond.	
<i>If 'Yes' to Question #13, please complete Question #14 to Question #19; otherwise skip to Question #20</i>		
14. How many 2012 fantasy baseball leagues did you participate in?	1. Between 1 to 3 leagues. 2. Between 4 to 5 leagues. 3. Over 5 leagues. 4. I choose not to respond.	
15. How many hours did you spend a week on your 2012 fantasy baseball leagues?	1. Between 1 to 3 hrs. per week. 2. Between 4 to 5 hrs. per week. 3. Over 5 hrs. per week. 4. I choose not to respond.	
16. To what extent did your participation in a fantasy baseball league in 2012 influence your attendance at today's MLB game?	1. Not at all. 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. I choose not to respond.	
17. How many MLB baseball games did you attend in 2012?	1. Between 1 to 3 games. 2. Between 4 to 5 games. 3. Over 5 games. 4. I choose not to respond.	
18. To what extent did your participation in a fantasy baseball league in 2012 influence your attending a 2013 live MLB game?	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. I choose not to respond.	

19. To what extent will your attending today's MLB game influence you to join a fantasy baseball league	1. Not at all 2. Somewhat influenced me. 3. Significantly influenced me. 4. Primary reason I am attending this game. 5. I choose not to respond.	
20. Do you play in other sports fantasy leagues besides MLB fantasy leagues?	1. Yes. 2. No. 3. I choose not to respond.	
21. Do you follow your 2013 fantasy league team(s) more or one of the teams playing today's game more?	1. Fantasy team(s). 2. Team today. 3. I choose not to respond.	
22. How many players on your 2013 fantasy baseball team(s) are from the teams playing in today's game?	1. None. 2. 1 to 3. 3. 3 -5. 4. More than 5. 5. I choose not to respond.	
23. Do you own an automobile?	1. Yes. 2. No. 3. I choose not to respond.	

Interview tear off strip

Interview #: xxxx

Appendix G

Oakland A's "Corrected" Survey Data

Game	Fan	Date	Visitor	Type	Time	Weather	q1	q2	q3	q4	q5	q6	q7	q8	q9	q10	q11	q12	q13	q14	q15	q16	q17	q18	q19	q20	q21	q22	q23
1	1	5-Sep	ASTROS	night	7:05	clear	1	3	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	2	2	4	1
1	2	5-Sep	ASTROS	night	7:05	clear	1	3	2	1	2	1	2	1	1	1	4	1	1	1	1	2	1	1	1	2	2	2	1
1	3	5-Sep	ASTROS	night	7:05	clear	1	2	1	1	2	2	0	0	0	0	2	1	2	0	0	0	0	0	0	1	2	1	1
1	4	5-Sep	ASTROS	night	7:05	clear	1	6	1	1	1	1	2	1	1	1	1	2	2	0	0	0	0	0	0	2	2	4	1
1	5	5-Sep	ASTROS	night	7:05	clear	1	4	1	1	2	2	0	0	0	0	4	2	2	0	0	0	0	0	0	2	2	3	1
1	6	5-Sep	ASTROS	night	7:05	clear	1	1	2	1	2	2	0	0	0	0	1	1	2	0	0	0	0	0	0	2	1	2	1
1	7	5-Sep	ASTROS	night	7:05	clear	1	3	1	1	1	2	0	0	0	0	2	2	2	0	0	0	0	0	0	1	1	4	1
1	8	5-Sep	ASTROS	night	7:05	clear	1	1	1	1	2	2	0	0	0	0	1	1	1	1	1	2	1	1	1	1	2	1	1
1	9	5-Sep	ASTROS	night	7:05	clear	1	5	1	1	2	1	1	1	1	1	1	2	1	3	1	4	3	1	1	1	1	3	1
1	10	5-Sep	ASTROS	night	7:05	clear	1	3	1	1	2	2	0	0	0	0	2	1	2	0	0	0	0	0	0	1	1	3	2
2	1	6-Sep	ASTROS	night	7:05	clear	1	2	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	1	3	1
2	2	6-Sep	ASTROS	night	7:05	clear	1	5	2	1	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	
2	3	6-Sep	ASTROS	night	7:05	clear	1	3	1	1	2	2	0	0	0	0	4	2	1	1	1	4	1	1	1	1	2	3	1
2	4	6-Sep	ASTROS	night	7:05	clear	1	5	2	1	2	1	3	1	1	1	4	1	1	2	2	2	3	1	1	2	2	3	1
2	5	6-Sep	ASTROS	night	7:05	clear	1	5	1	1	2	2	0	0	0	0	1	1	2	0	0	0	0	0	0	1	2	4	1
2	6	6-Sep	ASTROS	night	7:05	clear	1	3	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	1	1	1
2	7	6-Sep	ASTROS	night	7:05	clear	1	1	1	1	2	1	1	4	1	1	1	2	2	0	0	0	0	0	0	1	1	3	1
2	8	6-Sep	ASTROS	night	7:05	clear	1	5	2	1	2	2	0	0	0	0	1	1	2	0	0	0	0	0	0	1	2	1	2
2	9	6-Sep	ASTROS	night	7:05	clear	1	4	1	1	1	2	0	0	0	0	1	1	2	0	0	0	0	0	0	2	2	4	1
2	10	6-Sep	ASTROS	night	7:05	clear	1	4	1	1	2	1	3	3	1	1	2	2	2	0	0	0	0	0	0	1	2	4	1
2	11	6-Sep	ASTROS	night	7:05	clear	1	3	1	1	1	2	0	0	0	0	2	1	1	1	2	1	3	1	1	2	2	5	1
2	12	6-Sep	ASTROS	night	7:05	clear	1	6	1	1	2	2	0	0	0	0	2	1	1	2	2	2	2	1	1	1	1	2	1

2	13	6-Sep	ASTROS	night	7:05	clear	1	1	1	1	1	2	0	0	0	0	3	1	1	1	1	3	1	1	1	1	1	5	1
2	14	6-Sep	ASTROS	night	7:05	clear	1	5	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	2	1	1
2	15	6-Sep	ASTROS	night	7:05	clear	1	5	1	1	2	2	0	0	0	0	2	1	2	0	0	0	0	0	0	2	2	1	1
3	1	7-Sep	ASTROS	afternoon	1:05	clear	1	5	2	1	2	2	0	0	0	0	1	1	1	3	1	2	3	1	1	2	1	4	1
3	2	7-Sep	ASTROS	afternoon	1:05	clear	1	3	2	1	2	1	2	1	1	1	4	1	2	0	0	0	0	0	0	2	2	3	1
3	3	7-Sep	ASTROS	afternoon	1:05	clear	1	5	1	1	2	1	1	1	1	1	2	1	2	0	0	0	0	0	0	1	2	1	1
3	4	7-Sep	ASTROS	afternoon	1:05	clear	1	5	1	1	2	2	0	0	0	0	4	2	2	0	0	0	0	0	0	2	1	4	1
3	5	7-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	2	2	2	0	0	0	0	0	0	2	2	2	1
3	6	7-Sep	ASTROS	afternoon	1:05	clear	1	6	1	1	1	2	0	0	0	0	1	2	1	1	2	1	3	1	1	2	2	4	1
3	7	7-Sep	ASTROS	afternoon	1:05	clear	1	5	1	1	2	1	1	1	1	1	1	2	2	0	0	0	0	0	0	1	2	1	1
3	8	7-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	1	1	1	1	1	2	2	1	1	2	1	1	1
3	9	7-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	1	1	2	2	1	1	1	2	1	1	2	4	2	1	1	2	2	2	1
3	10	7-Sep	ASTROS	afternoon	1:05	clear	1	3	2	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	1	3	1
3	11	7-Sep	ASTROS	afternoon	1:05	clear	1	5	1	1	2	2	0	0	0	0	2	1	2	0	0	0	0	0	0	0	2	1	1
3	12	7-Sep	ASTROS	afternoon	1:05	clear	1	4	1	1	1	2	0	0	0	0	3	1	1	1	3	2	1	1	1	2	2	3	2
3	14	7-Sep	ASTROS	afternoon	1:05	clear	1	3	2	1	2	2	0	0	0	0	3	1	1	1	2	2	3	1	2	1	1	4	1
3	15	7-Sep	ASTROS	afternoon	1:05	clear	1	1	1	1	2	1	2	1	1	1	2	1	2	0	0	0	0	0	0	1	2	1	1
4	1	8-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	2	3	2
4	2	8-Sep	ASTROS	afternoon	1:05	clear	1	5	1	1	1	2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1
4	3	8-Sep	ASTROS	afternoon	1:05	clear	1	5	2	1	2	2	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	X
4	4	8-Sep	ASTROS	afternoon	1:05	clear	1	4	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	1	1	1
4	5	8-Sep	ASTROS	afternoon	1:05	clear	1	2	1	1	2	1	3	1	1	1	2	2	1	1	1	2	3	1	1	1	2	1	2
4	6	8-Sep	ASTROS	afternoon	1:05	clear	1	4	1	1	2	1	1	1	1	1	2	2	2	0	0	0	0	0	0	1	1	3	1
4	7	8-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	4	1
4	8	8-Sep	ASTROS	afternoon	1:05	clear	1	5	1	1	2	1	3	4	1	1	1	2	1	3	1	2	1	1	5	2	1	2	1
4	9	8-Sep	ASTROS	afternoon	1:05	clear	1	4	2	1	1	2	0	0	0	0	1	1	2	0	0	0	0	0	0	1	3	1	1
4	10	8-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	2	2	1	3	1	2	1	1	1	1	1	1	1

4	11	8-Sep	ASTROS	afternoon	1:05	clear	1	4	1	1	2	2	0	0	0	0	1	1	1	4	3	1	1	1	1	2	2	1	2
4	12	8-Sep	ASTROS	afternoon	1:05	clear	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	3	1	1	1	2	3	1
4	13	8-Sep	ASTROS	afternoon	1:05	clear	1	4	2	1	2	1	1	1	1	1	1	1	1	1	2	2	4	1	1	1	1	3	1
4	14	8-Sep	ASTROS	afternoon	1:05	clear	1	1	2	1	2	1	1	1	3	1	4	2	2	0	0	0	0	0	0	2	2	3	1
4	15	8-Sep	ASTROS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	1	1	1	2	1	2	4	1	1	2	1	1	1
8	1	17-Sep	ANGELS	night	7:05	clear	1	4	1	1	2	1	3	1	1	1	4	2	2	0	0	0	0	0	0	1	1	4	1
8	2	17-Sep	ANGELS	night	7:05	clear	1	2	1	1	2	2	0	0	0	0	1	1	1	2	1	4	4	1	1	2	2	3	1
8	3	17-Sep	ANGELS	night	7:05	clear	1	1	2	1	2	2	0	0	0	0	1	2	1	1	1	1	3	1	1	2	2	2	1
8	4	17-Sep	ANGELS	night	7:05	clear	1	1	1	1	1	1	1	2	1	1	3	2	1	1	1	2	1	1	1	1	1	4	1
8	5	17-Sep	ANGELS	night	7:05	clear	1	4	1	1	1	2	0	0	0	0	1	1	2	0	0	0	0	0	0	2	2	1	1
8	6	17-Sep	ANGELS	night	7:05	clear	1	6	2	1	1	1	3	1	1	1	2	1	1	3	3	2	3	1	1	2	1	1	1
8	7	17-Sep	ANGELS	night	7:05	clear	1	3	1	1	1	1	2	1	1	2	2	2	2	0	0	0	0	0	0	2	2	3	1
8	8	17-Sep	ANGELS	night	7:05	clear	1	5	1	1	2	1	1	2	1	1	1	1	1	1	1	2	1	1	2	2	1	3	1
8	9	17-Sep	ANGELS	night	7:05	clear	1	3	1	1	1	2	0	0	0	0	2	2	2	0	0	0	0	0	0	2	2	3	1
8	10	17-Sep	ANGELS	night	7:05	clear	1	1	1	1	2	1	3	2	1	1	1	2	2	0	0	0	0	0	0	1	2	4	1
8	11	17-Sep	ANGELS	night	7:05	clear	1	3	1	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	2	2	3	1
8	12	17-Sep	ANGELS	night	7:05	clear	1	1	2	1	2	1	1	1	1	1	4	2	1	1	2	2	1	1	1	1	2	2	1
8	13	17-Sep	ANGELS	night	7:05	clear	1	2	1	1	2	1	1	1	1	1	1	1	2	0	0	0	0	0	0	1	1	3	1
8	14	17-Sep	ANGELS	night	7:05	clear	1	1	1	1	2	2	0	0	0	0	2	1	2	0	0	0	0	0	0	2	1	3	2
8	15	17-Sep	ANGELS	night	7:05	clear	1	3	2	1	2	1	1	2	1	1	2	1	2	0	0	0	0	0	0	1	1	3	1
9	1	18-Sep	ANGELS	noon	12:35	clear	1	5	1	1	2	1	1	2	1	1	1	2	2	0	0	0	0	0	0	1	2	1	1
9	2	18-Sep	ANGELS	noon	12:35	clear	1	3	2	1	1	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	1	2	1
9	3	18-Sep	ANGELS	noon	12:35	clear	1	6	1	1	2	1	1	1	1	1	1	2	2	0	0	0	0	0	0	2	2	4	1
9	4	18-Sep	ANGELS	noon	12:35	clear	1	4	1	1	2	2	0	0	0	0	2	2	1	1	3	2	1	1	1	2	2	1	1
9	5	18-Sep	ANGELS	noon	12:35	clear	1	3	1	1	1	1	3	1	1	1	1	1	1	1	3	2	1	1	1	1	2	3	1
9	6	18-Sep	ANGELS	noon	12:35	clear	1	5	2	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	1	3	1
9	7	18-Sep	ANGELS	noon	12:35	clear	1	1	2	1	2	1	2	1	3	1	1	2	1	3	1	1	1	1	1	2	2	1	1

9	8	18-Sep	ANGELS	noon	12:35	clear	1	3	1	1	2	2	0	0	0	0	1	1	1	1	1	1	2	1	5	2	1	2	1
9	9	18-Sep	ANGELS	noon	12:35	clear	1	3	1	1	1	2	0	0	0	0	1	1	1	3	1	2	3	1	1	1	2	2	1
9	10	18-Sep	ANGELS	noon	12:35	clear	1	2	1	1	2	1	1	2	1	1	1	1	2	0	0	0	0	0	0	2	2	1	1
9	11	18-Sep	ANGELS	noon	12:35	clear	1	1	1	1	2	2	0	0	0	0	4	2	1	1	1	1	1	1	2	1	1	3	1
9	12	18-Sep	ANGELS	noon	12:35	clear	1	3	1	1	2	2	0	0	0	0	1	1	2	0	0	0	0	0	0	2	2	1	1
9	13	18-Sep	ANGELS	noon	12:35	clear	1	4	1	1	2	2	0	0	0	0	1	1	2	0	0	0	0	0	0	2	1	3	1
9	14	18-Sep	ANGELS	noon	12:35	clear	1	2	2	1	2	2	0	0	0	0	3	1	1	1	3	1	1	1	2	1	2	3	2
9	15	18-Sep	ANGELS	noon	12:35	clear	1	1	1	1	1	1	2	1	4	1	2	2	1	1	3	2	1	1	1	1	1	3	1
10	1	20-Sep	TWINS	night	7:05	clear	1	5	1	1	1	1	2	2	3	1	2	1	2	0	0	0	0	0	0	1	2	1	1
10	2	20-Sep	TWINS	night	7:05	clear	1	3	2	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	2	1	1
10	3	20-Sep	TWINS	night	7:05	clear	1	1	1	1	2	2	0	0	0	0	2	2	1	1	1	2	2	1	1	1	2	1	2
10	4	20-Sep	TWINS	night	7:05	clear	1	1	2	1	1	1	1	2	1	1	3	2	1	1	1	1	3	1	4	2	2	1	1
10	5	20-Sep	TWINS	night	7:05	clear	1	5	2	1	2	1	2	1	1	1	1	2	1	1	3	2	1	1	1	1	2	2	1
10	6	20-Sep	TWINS	night	7:05	clear	1	4	2	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	2	4	2
10	7	20-Sep	TWINS	night	7:05	clear	1	3	1	1	2	1	1	4	1	1	2	1	2	0	0	0	0	0	0	2	1	3	1
10	8	20-Sep	TWINS	night	7:05	clear	1	5	2	1	2	2	0	0	0	0	0	1	1	1	1	2	1	1	3	2	2	3	1
10	9	20-Sep	TWINS	night	7:05	clear	1	4	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	2	4	1
10	10	20-Sep	TWINS	night	7:05	clear	1	1	1	1	2	1	2	2	1	1	2	2	1	3	1	5	1	1	1	2	2	1	1
10	11	20-Sep	TWINS	night	7:05	clear	1	2	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	1	3	1
10	12	20-Sep	TWINS	night	7:05	clear	1	4	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	2	3	1
10	13	20-Sep	TWINS	night	7:05	clear	1	3	2	1	1	1	2	1	4	1	1	1	1	1	1	1	1	1	1	2	2	3	1
10	14	20-Sep	TWINS	night	7:05	clear	1	4	1	1	1	1	2	1	4	1	2	2	2	0	0	0	0	0	0	1	2	2	1
10	15	20-Sep	TWINS	night	7:05	clear	1	5	1	1	2	1	2	1	1	1	2	2	2	0	0	0	0	0	0	1	1	4	1
11	1	21-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	2	3	1
11	2	21-Sep	TWINS	afternoon	1:05	clear	1	1	2	1	2	1	1	1	1	1	3	2	1	1	1	2	2	1	1	2	2	4	1
11	3	21-Sep	TWINS	afternoon	1:05	clear	1	1	1	2	1	2	0	0	0	0	0	1	1	2	1	2	1	1	4	1	1	2	1
11	4	21-Sep	TWINS	afternoon	1:05	clear	1	4	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	1	1

11	5	21-Sep	TWINS	afternoon	1:05	clear	1	4	2	1	2	2	0	0	0	0	0	2	1	1	2	2	3	1	1	1	2	4	1
11	6	21-Sep	TWINS	afternoon	1:05	clear	1	3	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	3	1
11	7	21-Sep	TWINS	afternoon	1:05	clear	1	1	1	1	2	2	0	0	0	0	0	1	1	1	3	4	2	1	1	1	2	3	1
11	8	21-Sep	TWINS	afternoon	1:05	clear	1	1	2	1	2	1	1	4	2	1	1	1	1	2	1	4	1	1	1	2	1	3	1
11	9	21-Sep	TWINS	afternoon	1:05	clear	1	6	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	1	1	2
11	10	21-Sep	TWINS	afternoon	1:05	clear	1	4	1	1	2	1	2	2	1	1	2	1	2	0	0	0	0	0	0	2	1	3	2
11	11	21-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	2	1	1	2	1	1	1	2	1	1	1	1	2	1	1	1	2	3	2
11	12	21-Sep	TWINS	afternoon	1:05	clear	1	5	2	1	1	1	2	1	1	1	4	2	2	0	0	0	0	0	0	2	1	3	1
11	13	21-Sep	TWINS	afternoon	1:05	clear	1	1	2	1	2	1	2	4	1	1	2	2	2	0	0	0	0	0	0	1	2	4	1
11	14	21-Sep	TWINS	afternoon	1:05	clear	1	4	1	1	2	2	0	0	0	0	0	1	1	3	1	2	3	1	1	2	2	1	1
11	15	21-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	2	1	3	1	2	3	1	1	2	2	2	1
12	1	22-Sep	TWINS	afternoon	1:05	clear	1	5	1	1	2	2	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	3	1
12	2	22-Sep	TWINS	afternoon	1:05	clear	1	2	2	1	2	1	2	1	1	1	1	2	1	1	1	2	2	1	2	2	1	4	1
12	3	22-Sep	TWINS	afternoon	1:05	clear	1	5	1	1	1	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	4	1
12	4	22-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	2	1	1	1	1	1	1	2	2	0	0	0	0	0	0	2	2	3	2
12	5	22-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	2	1	3	1	1	1	2	2	1	1	2	1	3	1	2	1	2	3	2
12	6	22-Sep	TWINS	afternoon	1:05	clear	1	1	1	1	1	1	1	2	1	1	1	1	2	0	0	0	0	0	0	2	2	1	1
12	7	22-Sep	TWINS	afternoon	1:05	clear	1	4	1	1	2	1	1	1	1	1	1	2	2	0	0	0	0	0	0	2	2	1	1
12	8	22-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	1	1
12	9	22-Sep	TWINS	afternoon	1:05	clear	1	1	1	1	2	2	0	0	0	0	0	2	1	1	1	2	4	1	1	2	1	4	1
12	10	22-Sep	TWINS	afternoon	1:05	clear	1	1	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	2	1
12	11	22-Sep	TWINS	afternoon	1:05	clear	1	5	1	1	2	2	0	0	0	0	0	1	1	1	1	1	3	1	1	1	1	4	1
12	12	22-Sep	TWINS	afternoon	1:05	clear	1	3	1	1	1	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	2	4	1
12	13	22-Sep	TWINS	afternoon	1:05	clear	1	4	2	1	2	1	1	4	1	1	2	2	2	0	0	0	0	0	0	1	2	2	1
12	14	22-Sep	TWINS	afternoon	1:05	clear	1	4	1	1	1	1	1	2	1	1	1	1	2	0	0	0	0	0	0	2	1	4	1
12	15	22-Sep	TWINS	afternoon	1:05	clear	1	5	2	1	2	1	3	1	1	1	2	1	1	3	1	1	2	1	1	1	1	4	1

Appendix H

San Francisco Giants “Corrected” Survey Day Data

Game	Fan	Date	Visitor	Type	Time	Weather	q1	q2	q3	q4	q5	q6	q7	q8	q9	q10	q11	q12	q13	q14	q15	q16	q17	q18	q19	q20	q21	q22	q23
5	1	9-Sep	ROCKIES	night	7:15	clear	1	1	1	1	2	1	2	4	1	1	1	2	1	1	1	2	1	1	1	2	3	2	
5	2	9-Sep	ROCKIES	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	2	2	1	1	1	1	1	1	4	1	2	4	1
5	3	9-Sep	ROCKIES	night	7:15	clear	1	3	1	1	1	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	1	1	1
5	4	9-Sep	ROCKIES	night	7:15	clear	1	3	1	1	2	1	1	1	4	1	2	1	1	3	1	4	4	1	2	1	2	2	1
5	5	9-Sep	ROCKIES	night	7:15	clear	1	2	2	1	2	2	0	0	0	0	1	2	1	2	2	2	4	1	4	2	1	1	1
5	6	9-Sep	ROCKIES	night	7:15	clear	1	3	2	1	1	2	0	0	0	0	1	X	2	0	0	0	0	0	0	2	1	3	1
5	7	9-Sep	ROCKIES	night	7:15	clear	1	5	2	1	2	2	0	0	0	0	1	1	1	1	2	1	1	1	1	2	1	1	1
5	8	9-Sep	ROCKIES	night	7:15	clear	1	3	2	1	2	1	1	3	1	1	2	2	1	1	2	1	1	1	2	1	2	4	1
5	9	9-Sep	ROCKIES	night	7:15	clear	1	3	2	1	1	1	1	1	1	1	2	1	2	0	0	0	0	0	0	2	2	3	1
5	10	9-Sep	ROCKIES	night	7:15	clear	1	3	2	1	1	2	0	0	0	0	1	2	1	1	2	4	1	1	1	2	2	1	1
5	11	9-Sep	ROCKIES	night	7:15	clear	1	4	1	1	2	2	0	0	0	0	3	2	2	0	0	0	0	0	0	2	1	3	1
5	12	9-Sep	ROCKIES	night	7:15	clear	1	6	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	3	2	1	4	1
5	13	9-Sep	ROCKIES	night	7:15	clear	1	3	1	1	1	2	0	0	0	0	1	1	2	0	0	0	0	0	0	2	1	3	1
5	14	9-Sep	ROCKIES	night	7:15	clear	1	2	1	1	1	2	0	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2	2
5	15	9-Sep	ROCKIES	night	7:15	clear	1	3	1	1	1	1	2	1	4	1	1	1	1	2	1	1	1	1	2	1	2	3	1
6	1	10-Sep	ROCKIES	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	2	2	2	0	0	0	0	0	0	1	2	4	X
6	2	10-Sep	ROCKIES	night	7:15	clear	1	4	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	1	1	1
6	3	10-Sep	ROCKIES	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	1	1	2
6	4	10-Sep	ROCKIES	night	7:15	clear	1	4	2	1	2	1	3	2	1	1	2	2	1	1	1	1	3	1	2	1	1	1	1
6	5	10-Sep	ROCKIES	night	7:15	clear	1	3	1	1	1	2	0	0	0	0	1	2	2	0	0	0	0	0	0	1	2	3	1
6	6	10-Sep	ROCKIES	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	2	1	1	2	3	2	1	1	1	2	1	1	1

6	7	10-Sep	ROCKIES	night	7:15	clear	1	4	1	1	2	1	1	1	4	1	1	1	1	3	3	3	4	1	1	2	1	3	1
6	8	10-Sep	ROCKIES	night	7:15	clear	1	1	2	1	2	1	1	4	1	1	2	X	2	0	0	0	0	0	0	2	1	1	1
6	9	10-Sep	ROCKIES	night	7:15	clear	1	1	2	1	1	1	4	1	1	1	2	2	2	0	0	0	0	0	0	1	2	3	1
6	10	10-Sep	ROCKIES	night	7:15	clear	1	4	1	1	1	2	0	0	0	0	2	2	1	2	1	1	1	1	1	2	2	1	1
6	11	10-Sep	ROCKIES	night	7:15	clear	1	4	1	1	1	1	1	2	1	1	1	2	1	1	2	1	3	1	4	1	2	1	1
6	12	10-Sep	ROCKIES	night	7:15	clear	1	5	1	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	2	4	2
6	13	10-Sep	ROCKIES	night	7:15	clear	1	3	1	1	1	1	1	4	1	1	3	2	2	0	0	0	0	0	0	1	2	2	1
6	14	10-Sep	ROCKIES	night	7:15	clear	1	5	1	1	2	1	3	1	1	1	2	2	2	0	0	0	0	0	0	2	2	3	1
6	15	10-Sep	ROCKIES	night	7:15	clear	1	4	1	1	2	2	0	0	0	0	4	2	1	1	1	1	3	1	1	2	2	3	1
7	1	11-Sep	ROCKIES	noon	12:45	clear	1	3	1	1	2	1	3	1	4	1	4	1	2	0	0	0	0	0	0	1	1	1	1
7	2	11-Sep	ROCKIES	noon	12:45	clear	1	3	1	1	2	1	1	1	4	1	2	1	1	1	2	1	1	1	1	2	2	4	2
7	3	11-Sep	ROCKIES	noon	12:45	clear	1	1	2	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	1	3	1
7	4	11-Sep	ROCKIES	noon	12:45	clear	1	1	1	1	2	2	0	0	0	0	4	1	2	0	0	0	0	0	0	1	1	1	2
7	6	11-Sep	ROCKIES	noon	12:45	clear	1	4	2	1	1	1	2	1	1	1	2	2	2	0	0	0	0	0	0	1	1	3	1
7	7	11-Sep	ROCKIES	noon	12:45	clear	1	5	1	1	1	2	0	0	0	0	2	1	1	2	1	3	1	1	1	2	1	1	1
7	8	11-Sep	ROCKIES	noon	12:45	clear	1	3	1	1	2	2	0	0	0	0	3	2	1	1	1	2	4	1	4	2	1	1	1
7	9	11-Sep	ROCKIES	noon	12:45	clear	1	2	2	1	2	2	0	0	0	0	1	2	2	0	0	0	0	0	0	2	1	4	2
7	10	11-Sep	ROCKIES	noon	12:45	clear	1	4	1	1	2	1	1	1	1	1	3	2	1	2	3	4	1	1	1	2	1	4	1
7	11	11-Sep	ROCKIES	noon	12:45	clear	1	4	1	1	2	1	2	1	3	1	1	1	2	0	0	0	0	0	0	1	2	3	1
7	12	11-Sep	ROCKIES	noon	12:45	clear	1	4	2	1	2	2	0	0	0	0	2	1	1	3	1	4	1	1	1	2	2	1	1
7	13	11-Sep	ROCKIES	noon	12:45	clear	1	1	1	1	2	2	0	0	0	0	4	1	2	0	0	0	0	0	0	2	1	1	1
7	15	11-Sep	ROCKIES	noon	12:45	clear	1	4	2	1	2	2	0	0	0	0	2	1	2	0	0	0	0	0	0	1	1	3	1
13	1	24-Sep	DODGERS	night	7:15	clear	1	4	2	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	0	2	2	3	1
13	2	24-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	0	2	1	1	1	3	1	1	4	1	1	3	2
13	3	24-Sep	DODGERS	night	7:15	clear	1	3	1	1	1	2	0	0	0	0	0	2	1	1	3	1	3	1	1	1	2	3	2

13	4	24-Sep	DODGERS	night	7:15	clear	1	4	1	1	2	1	1	4	4	1	1	1	X	0	0	0	0	0	0	1	1	1	1
13	5	24-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	2	1	2
13	6	24-Sep	DODGERS	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	1	3	1
13	7	24-Sep	DODGERS	night	7:15	clear	1	6	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	2	1
13	8	24-Sep	DODGERS	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	2	1	1
13	9	24-Sep	DODGERS	night	7:15	clear	1	5	1	1	2	2	0	0	0	0	0	2	1	3	1	1	3	1	1	2	2	3	X
13	10	24-Sep	DODGERS	night	7:15	clear	1	2	1	1	2	1	2	1	1	1	1	2	2	0	0	0	0	0	0	2	2	2	1
13	11	24-Sep	DODGERS	night	7:15	clear	1	6	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	3	1
13	12	24-Sep	DODGERS	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	4	1
13	13	24-Sep	DODGERS	night	7:15	clear	1	4	1	1	1	2	0	0	0	0	0	2	1	1	1	4	2	1	1	1	2	4	1
13	14	24-Sep	DODGERS	night	7:15	clear	1	5	1	1	2	1	1	1	1	1	1	1	2	0	0	0	0	0	0	2	2	4	1
14	1	25-Sep	DODGERS	night	7:15	clear	1	3	2	1	2	2	0	0	0	0	0	1	1	3	1	1	4	1	1	2	2	2	2
14	2	25-Sep	DODGERS	night	7:15	clear	1	1	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	2	1
14	3	25-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	0	2	1	1	2	1	2	1	2	2	2	3	2
14	4	25-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	1	2	1	1	1	1	1	1	2	3	1	3	1	2	2	2	4	1
14	5	25-Sep	DODGERS	night	7:15	clear	1	3	1	1	1	1	3	2	1	1	2	2	2	0	0	0	0	0	0	2	2	5	1
14	6	25-Sep	DODGERS	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	1	3	1
14	7	25-Sep	DODGERS	night	7:15	clear	1	6	2	1	1	2	0	0	0	0	0	2	1	2	1	3	3	1	4	2	1	3	1
14	8	25-Sep	DODGERS	night	7:15	clear	1	2	2	1	2	2	0	0	0	0	0	1	1	1	1	2	4	1	1	1	2	3	2
14	9	25-Sep	DODGERS	night	7:15	clear	1	6	1	1	1	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	4	1
14	10	25-Sep	DODGERS	night	7:15	clear	1	5	1	1	2	2	0	0	0	0	0	2	1	1	1	1	2	1	1	1	2	1	1
14	11	25-Sep	DODGERS	night	7:15	clear	1	3	1	1	2	1	3	2	4	1	2	1	1	1	3	2	3	1	4	1	1	4	1
14	12	25-Sep	DODGERS	night	7:15	clear	1	3	1	1	2	2	0	0	0	0	0	1	1	2	1	1	1	1	1	2	2	3	1
14	14	25-Sep	DODGERS	night	7:15	clear	1	1	2	1	1	2	0	0	0	0	0	2	1	1	2	1	1	1	1	1	1	4	1
14	15	25-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	2	3	1

15	1	26-Sep	DODGERS	night	7:15	clear	1	4	2	1	2	1	3	2	4	1	4	1	1	2	2	2	1	1	1	2	1	4	1
15	2	26-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	2	0	0	0	0	0	2	1	2	3	1	1	1	1	1	2	3	1
15	3	26-Sep	DODGERS	night	7:15	clear	1	4	1	1	2	1	1	2	1	1	3	2	2	0	0	0	0	0	0	1	1	2	2
15	4	26-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	1	2	4	1	1	2	2	1	1	1	1	4	1	4	2	1	4	1
15	5	26-Sep	DODGERS	night	7:15	clear	1	2	1	1	2	1	1	1	1	1	2	2	2	0	0	0	0	0	0	1	1	3	1
15	6	26-Sep	DODGERS	night	7:15	clear	1	3	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	3	1
15	7	26-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	1	1	1	1	1	1	2	X	0	0	0	0	0	0	2	1	1	1
15	8	26-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	1	1	1	1	1	2	1	2	0	0	0	0	0	0	2	2	3	1
15	9	26-Sep	DODGERS	night	7:15	clear	1	3	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	4	1
15	10	26-Sep	DODGERS	night	7:15	clear	1	5	2	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	2	3	1
15	11	26-Sep	DODGERS	night	7:15	clear	1	1	2	1	1	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	4	1
15	13	26-Sep	DODGERS	night	7:15	clear	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	4	1	1	2	2	3	2
15	14	26-Sep	DODGERS	night	7:15	clear	1	4	1	1	2	1	3	1	3	1	2	2	1	1	1	1	1	1	1	2	2	3	1
15	15	26-Sep	DODGERS	night	7:15	clear	1	1	2	1	1	2	0	0	0	0	0	2	1	1	1	4	1	1	1	2	2	3	1
16	1	27-Sep	PADRES	night	7:15	clear	1	6	2	1	1	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	1	1
16	2	27-Sep	PADRES	night	7:15	clear	1	1	1	1	1	1	1	4	4	1	3	2	2	0	0	0	0	0	0	2	1	3	1
16	3	27-Sep	PADRES	night	7:15	clear	1	1	1	2	1	1	2	1	1	1	1	2	2	0	0	0	0	0	0	1	2	1	1
16	4	27-Sep	PADRES	night	7:15	clear	1	5	2	1	1	1	1	1	1	1	2	2	2	0	0	0	0	0	0	1	1	1	1
16	5	27-Sep	PADRES	night	7:15	clear	1	6	1	1	2	2	0	0	0	0	0	X	1	1	1	2	3	1	1	1	2	3	1
16	6	27-Sep	PADRES	night	7:15	clear	1	5	1	1	2	2	0	0	0	0	0	1	1	1	1	2	1	1	1	2	1	3	2
16	7	27-Sep	PADRES	night	7:15	clear	1	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	1	1	1	2	2	3	1
16	8	27-Sep	PADRES	night	7:15	clear	1	4	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	1	1
16	9	27-Sep	PADRES	night	7:15	clear	1	5	1	1	1	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	1	3	2
16	10	27-Sep	PADRES	night	7:15	clear	1	2	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	2	1	1
16	11	27-Sep	PADRES	night	7:15	clear	1	3	1	1	2	1	3	1	4	1	2	1	2	0	0	0	0	0	0	1	1	4	1

16	12	27-Sep	PADRES	night	7:15	clear	1	6	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	1	1
16	13	27-Sep	PADRES	night	7:15	clear	1	1	1	*	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	2	1	1
16	14	27-Sep	PADRES	night	7:15	clear	1	5	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	1	1	2
16	15	27-Sep	PADRES	night	7:15	clear	1	2	1	1	2	2	0	0	0	0	0	2	1	3	1	1	1	1	2	1	1	3	1
17	1	28-Sep	PADRES	afternoon	1:05	clear	1	1	2	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	1	2	2	1
17	2	28-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	1	1	1	1	3	1	1	2	1	1	1	3	1	1	1	2	2	4	1
17	3	28-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	2	1	1
17	4	28-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	1	2	0	0	0	0	0	1	1	1	3	2	1	1	1	2	1	1	2
17	5	28-Sep	PADRES	afternoon	1:05	clear	1	4	1	1	2	1	1	4	1	1	2	1	2	0	0	0	0	0	0	1	2	3	1
17	6	28-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	2	1	1
17	7	28-Sep	PADRES	afternoon	1:05	clear	1	3	2	1	2	1	1	1	1	1	2	2	2	0	0	0	0	0	0	1	2	4	1
17	8	28-Sep	PADRES	afternoon	1:05	clear	1	5	1	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	2	1	1	1
17	9	28-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	1	1	1
17	10	28-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	1	1	1	1	1	1	2	2	2	0	0	0	0	0	0	1	1	1	1
17	11	28-Sep	PADRES	afternoon	1:05	clear	1	5	1	1	2	2	0	0	0	0	0	1	1	1	1	4	1	1	2	1	1	1	1
17	12	28-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	1	1	1	1	1	3	1	1	1	1	1	1
17	14	28-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	2	1	1	1	1	1	4	1	2	0	0	0	0	0	0	2	1	1	1
18	1	29-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	1	2	0	0	0	0	0	2	1	3	1	2	1	1	1	2	1	3	1
18	2	29-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	1	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	1	1
18	3	29-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	1	1	2	1	1	1	2	2	2	0	0	0	0	0	0	2	2	1	1
18	4	29-Sep	PADRES	afternoon	1:05	clear	1	X	2	1	2	2	0	0	0	0	0	2	1	3	3	2	1	1	2	1	1	3	1
18	5	29-Sep	PADRES	afternoon	1:05	clear	1	2	1	1	2	2	0	0	0	0	0	2	1	3	3	1	1	1	1	1	2	1	1
18	6	29-Sep	PADRES	afternoon	1:05	clear	1	4	1	1	1	2	0	0	0	0	0	2	1	1	2	2	4	1	1	2	2	3	1
18	7	29-Sep	PADRES	afternoon	1:05	clear	1	3	2	1	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	2	1	1	1
18	8	29-Sep	PADRES	afternoon	1:05	clear	1	1	2	1	2	1	1	1	1	1	2	1	2	0	0	0	0	0	0	2	2	1	1

18	9	29-Sep	PADRES	afternoon	1:05	clear	1	3	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	1	3	1
18	10	29-Sep	PADRES	afternoon	1:05	clear	1	3	1	1	2	2	0	0	0	0	0	1	1	2	2	2	3	1	4	1	2	3	2
18	11	29-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	2	2
18	12	29-Sep	PADRES	afternoon	1:05	clear	1	6	2	1	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	4	1
18	13	29-Sep	PADRES	afternoon	1:05	clear	1	3	2	1	2	1	1	2	1	1	2	1	1	1	1	3	1	1	1	2	2	1	1
18	14	29-Sep	PADRES	afternoon	1:05	clear	1	1	1	1	2	2	0	0	0	0	0	1	1	1	1	2	1	1	2	2	2	3	1
18	15	29-Sep	PADRES	afternoon	1:05	clear	1	4	1	1	2	1	1	2	1	1	3	2	2	0	0	0	0	0	0	1	1	3	1