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Mapping Park and Ride use in Bath – Comparisons between users and non-users of the service

Supporting tables and figures

Centre for Transport and Society

University of the West of England

Bristol, UK



University of the
West of England

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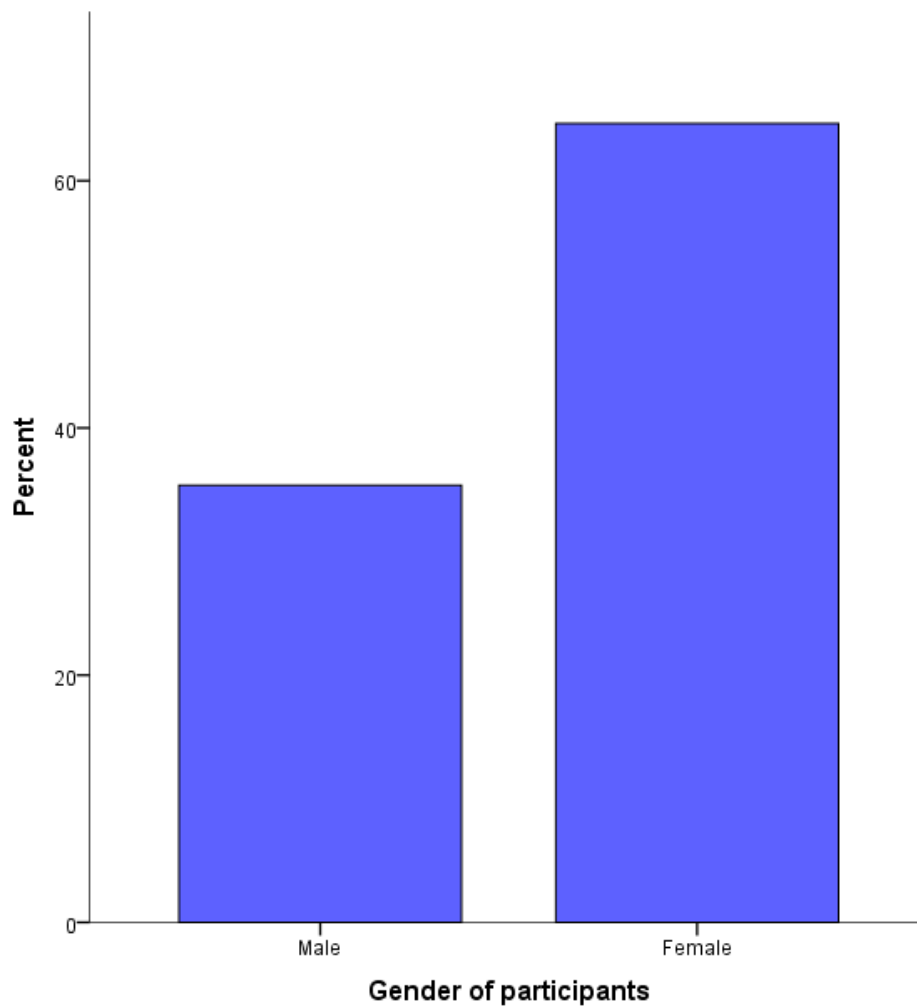
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1.0 Gender

1.1 Park and ride users

Gender of participants

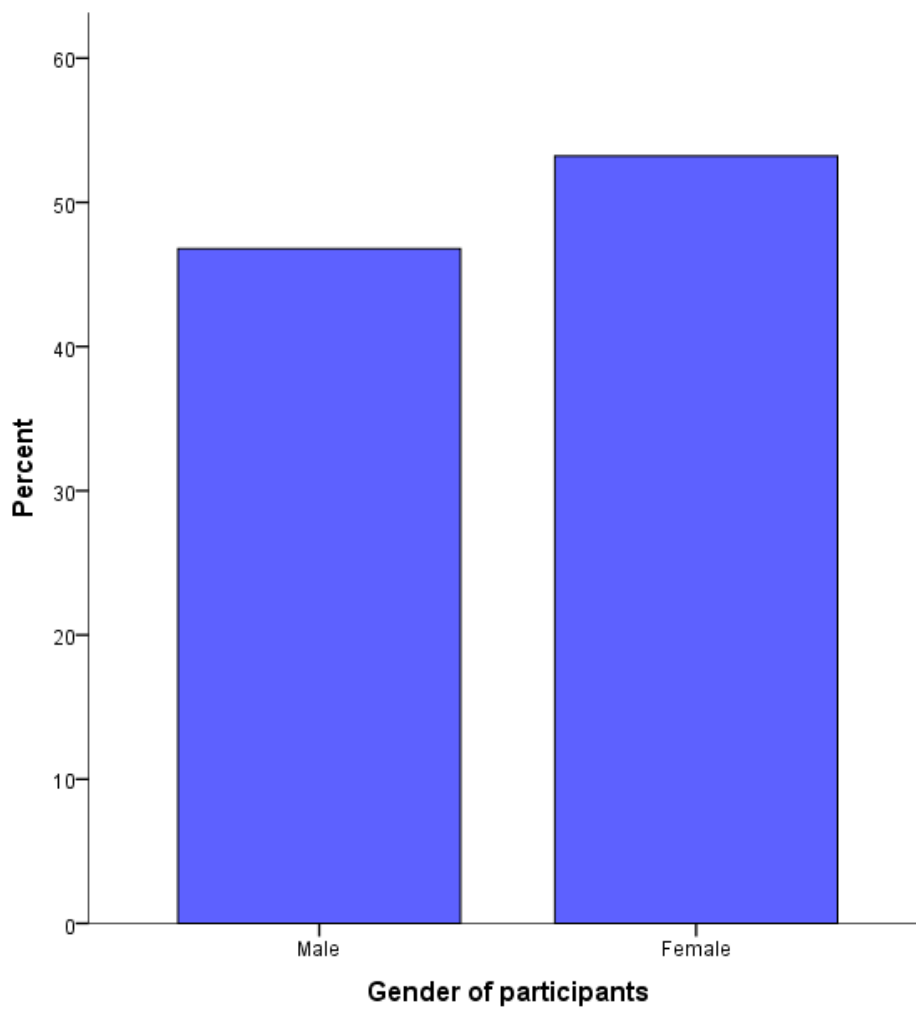
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------|-----------|---------|---------------|--------------------|
| Valid | Male | 255 | 35.4 | 35.4 | 35.4 |
| | Female | 466 | 64.6 | 64.6 | 100.0 |
| Total | | 721 | 100.0 | 100.0 | |



1.2 Car park users (all)

Gender of participants

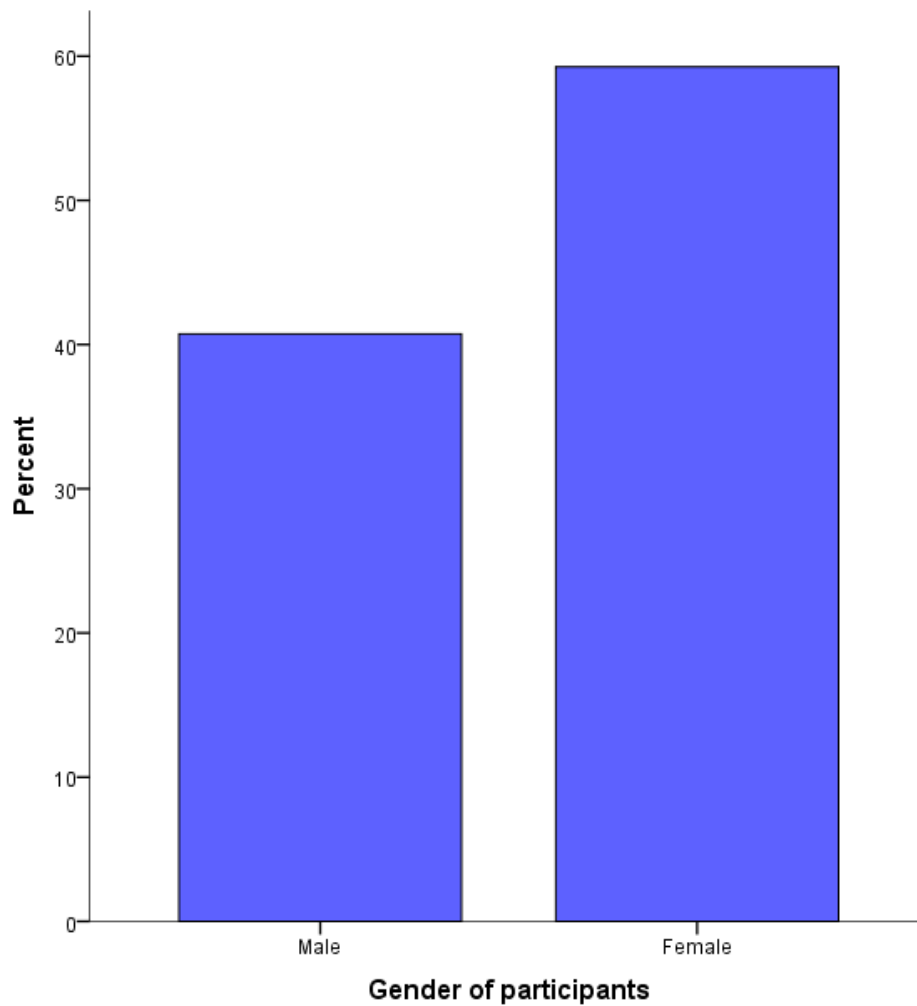
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------|-----------|---------|---------------|--------------------|
| Valid | Male | 262 | 46.5 | 46.8 | 46.8 |
| | Female | 298 | 52.8 | 53.2 | 100.0 |
| | Total | 560 | 99.3 | 100.0 | |
| Missing | Missing | 4 | .7 | | |
| Total | | 564 | 100.0 | | |



1.3 Car park users (travelling from within 2 mile radius of central Bath)

Gender of participants

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------|-----------|---------|---------------|--------------------|
| Valid | Male | 66 | 40.5 | 40.7 | 40.7 |
| | Female | 96 | 58.9 | 59.3 | 100.0 |
| | Total | 162 | 99.4 | 100.0 | |
| Missing | Missing | 1 | .6 | | |
| Total | | 163 | 100.0 | | |



Gender cross-tabulations

1.4 Park and Ride users compared to car park users

Park and Ride or car driver * Gender of participants Crosstabulation

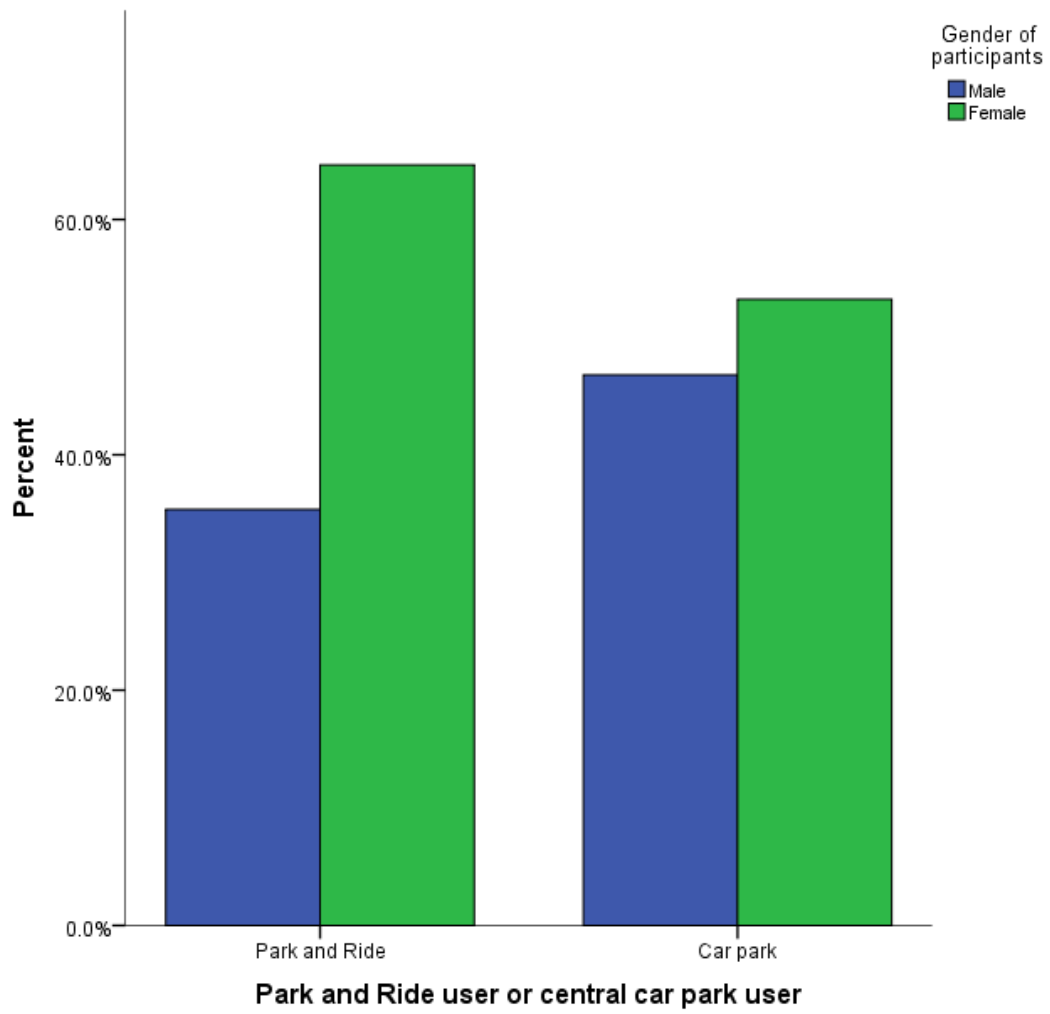
| | | | Gender of participants | | Total |
|-----------------------------|---------------|--------------------------------------|------------------------|--------|--------|
| | | | Male | Female | |
| Park and Ride or car driver | Park and Ride | Count | 255 | 466 | 721 |
| | | % within Park and Ride or car driver | 35.4% | 64.6% | 100.0% |
| | Car park | Count | 262 | 298 | 560 |
| | | % within Park and Ride or car driver | 46.8% | 53.2% | 100.0% |
| Total | | Count | 517 | 764 | 1281 |
| | | % within Park and Ride or car driver | 40.4% | 59.6% | 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------------|---------------------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 17.072 ^a | 1 | .000 | .000 | .000 |
| Continuity Correction ^b | 16.601 | 1 | .000 | | |
| Likelihood Ratio | 17.052 | 1 | .000 | | |
| Fisher's Exact Test | | | | | |
| Linear-by-Linear Association | 17.059 | 1 | .000 | | |
| N of Valid Cases | 1281 | | | | |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 226.01.

b. Computed only for a 2x2 table

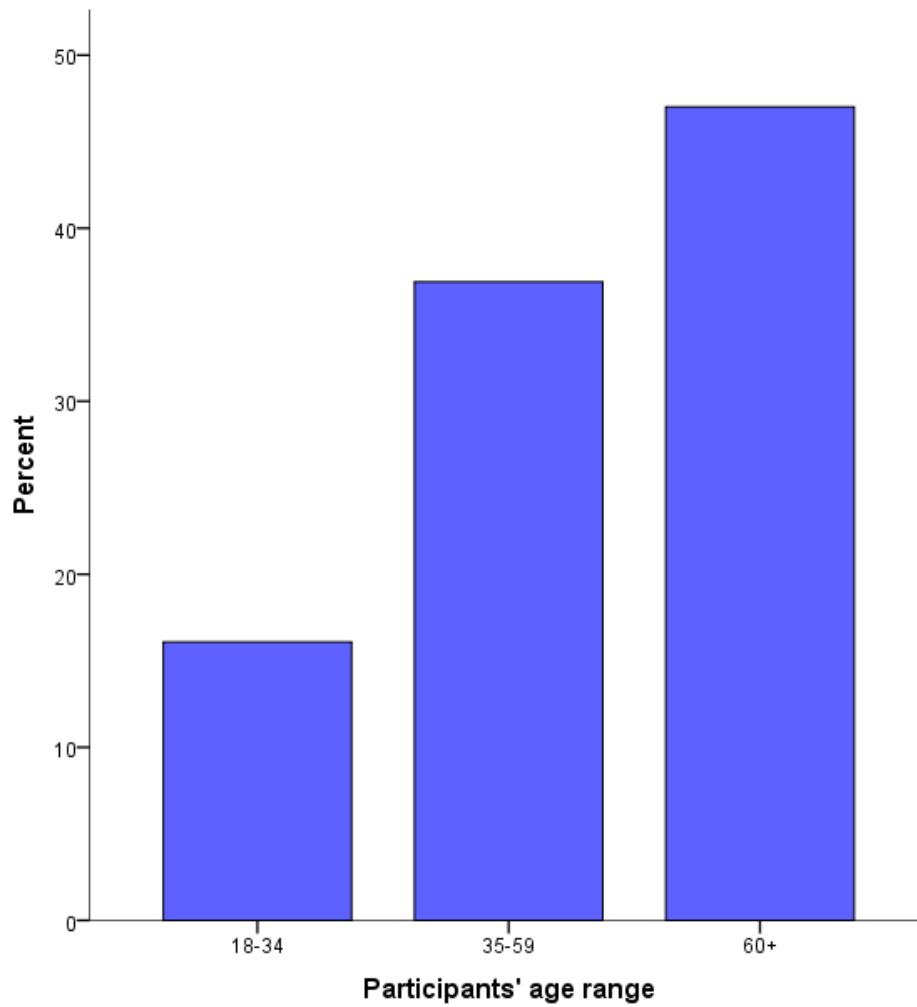


2.0 Age

2.1 Park and Ride users

Participants' age range

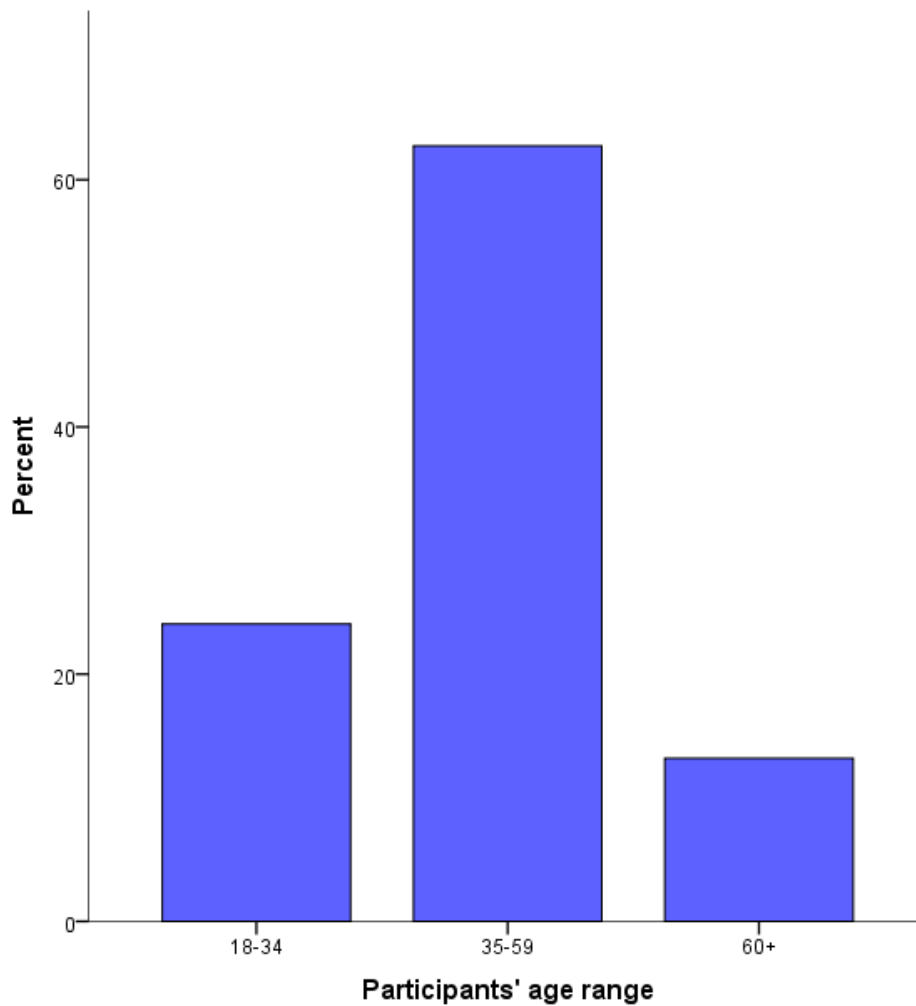
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 18-34 | 116 | 16.1 | 16.1 | 16.1 |
| | 35-59 | 266 | 36.9 | 36.9 | 53.0 |
| | 60+ | 339 | 47.0 | 47.0 | 100.0 |
| | Total | 721 | 100.0 | 100.0 | |



2.2 Car park users (all)

Participants' age range

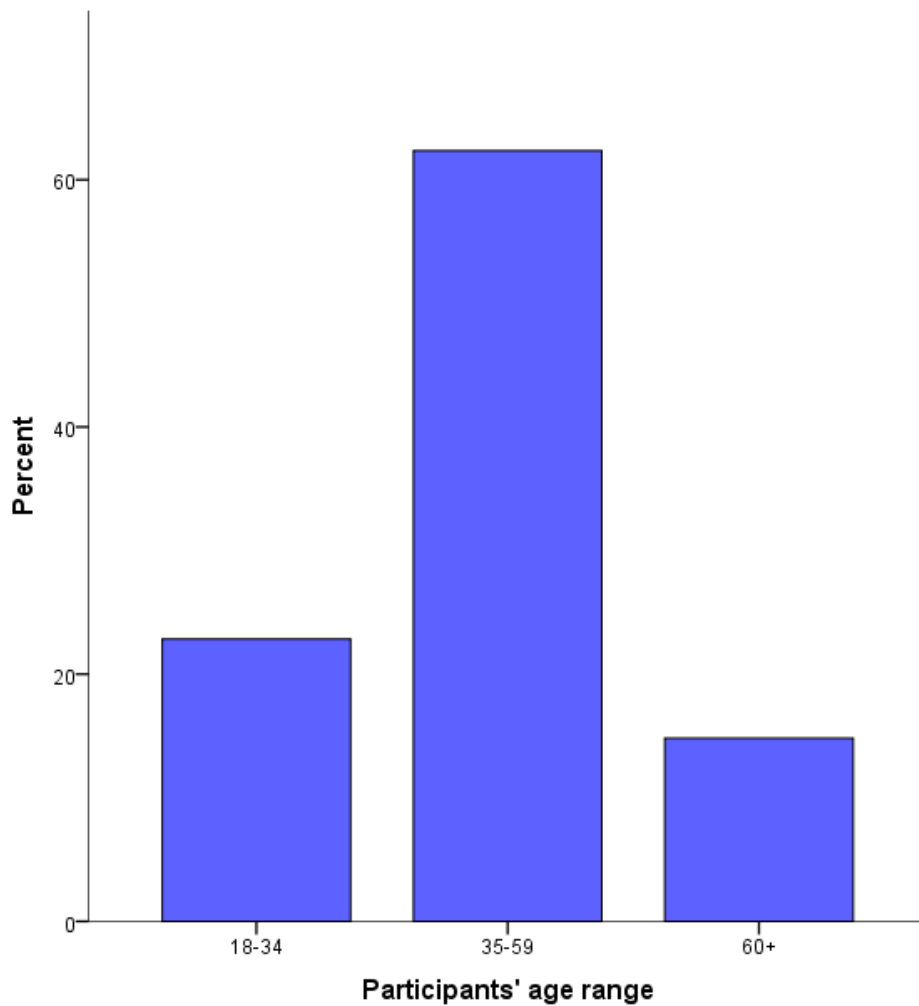
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------|-----------|---------|---------------|--------------------|
| Valid | 18-34 | 135 | 23.9 | 24.1 | 24.1 |
| | 35-59 | 352 | 62.4 | 62.7 | 86.8 |
| | 60+ | 74 | 13.1 | 13.2 | 100.0 |
| | Total | 561 | 99.5 | 100.0 | |
| Missing | Missing | 3 | .5 | | |
| Total | | 564 | 100.0 | | |



2.3 Car park users (travelling from within 2 mile radius of central Bath)

Participants' age range

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------|-----------|---------|---------------|--------------------|
| Valid | 18-34 | 37 | 22.7 | 22.8 | 22.8 |
| | 35-59 | 101 | 62.0 | 62.3 | 85.2 |
| | 60+ | 24 | 14.7 | 14.8 | 100.0 |
| | Total | 162 | 99.4 | 100.0 | |
| Missing | Missing | 1 | .6 | | |
| Total | | 163 | 100.0 | | |



Age cross-tabulations

2.4 Park and Ride users compared to car park users

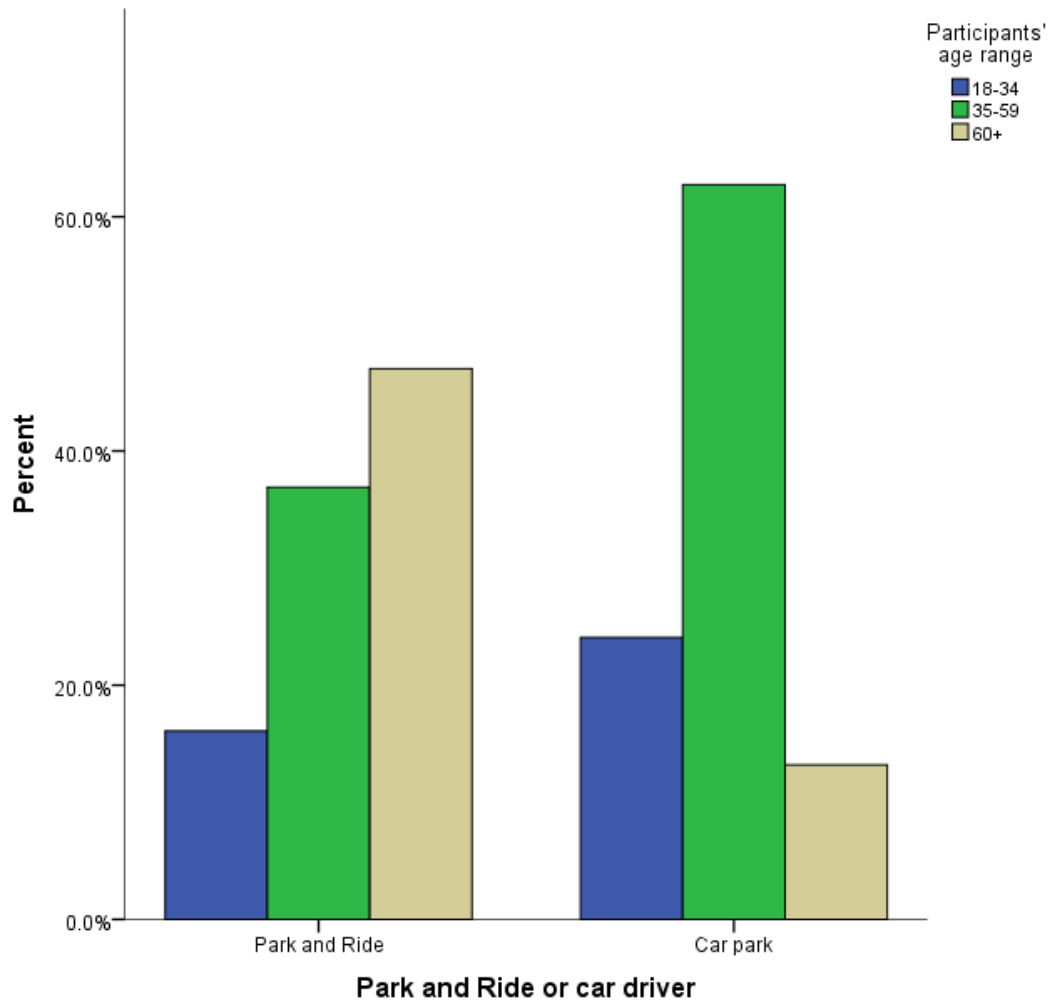
Participants' age range * Park and Ride or car driver Crosstabulation

| | | | Park and Ride or car driver | | Total |
|-------------------------|-------|--------------------------------------|-----------------------------|----------|--------|
| | | | Park and Ride | Car park | |
| Participants' age range | 18-34 | Count | 116 | 135 | 251 |
| | | % within Park and Ride or car driver | 16.1% | 24.1% | 19.6% |
| | 35-59 | Count | 266 | 352 | 618 |
| | | % within Park and Ride or car driver | 36.9% | 62.7% | 48.2% |
| | 60+ | Count | 339 | 74 | 413 |
| | | % within Park and Ride or car driver | 47.0% | 13.2% | 32.2% |
| Total | | Count | 721 | 561 | 1282 |
| | | % within Park and Ride or car driver | 100.0% | 100.0% | 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|----------------------|----|-----------------------|
| Pearson Chi-Square | 166.060 ^a | 2 | .000 |
| Likelihood Ratio | 177.627 | 2 | .000 |
| Linear-by-Linear Association | 109.749 | 1 | .000 |
| N of Valid Cases | 1282 | | |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 109.84.

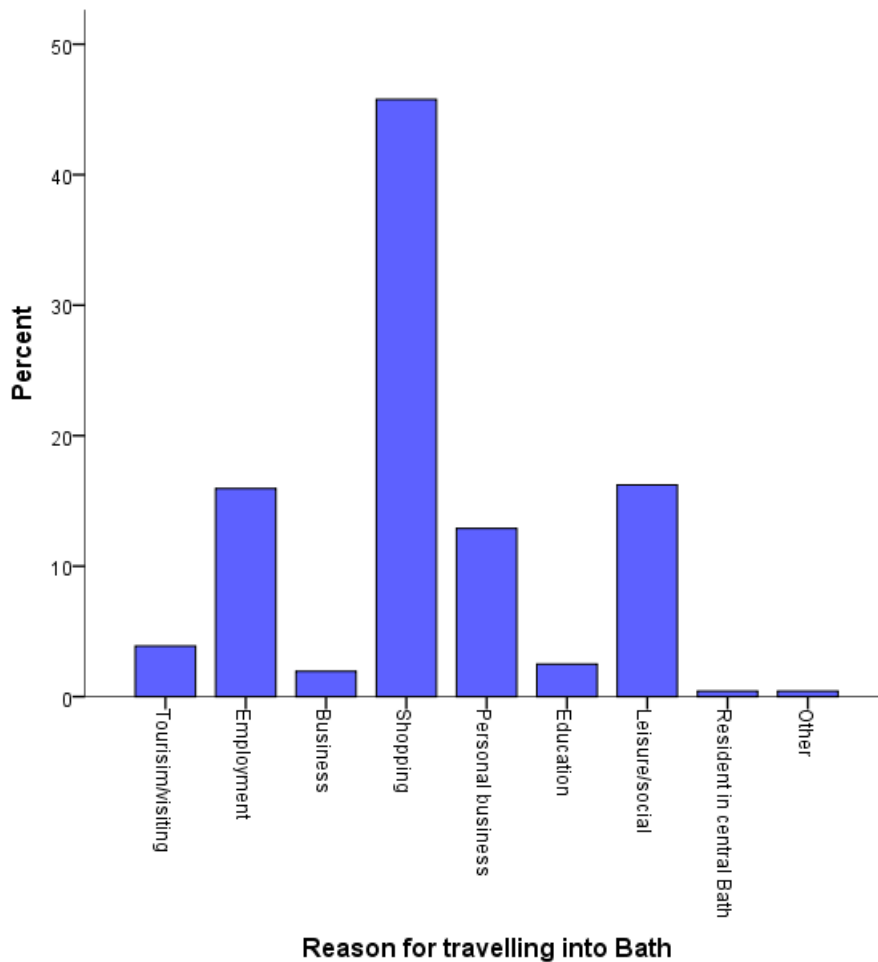


3.0 Journey purpose

3.1 Park and Ride users

Reason for travelling into Bath

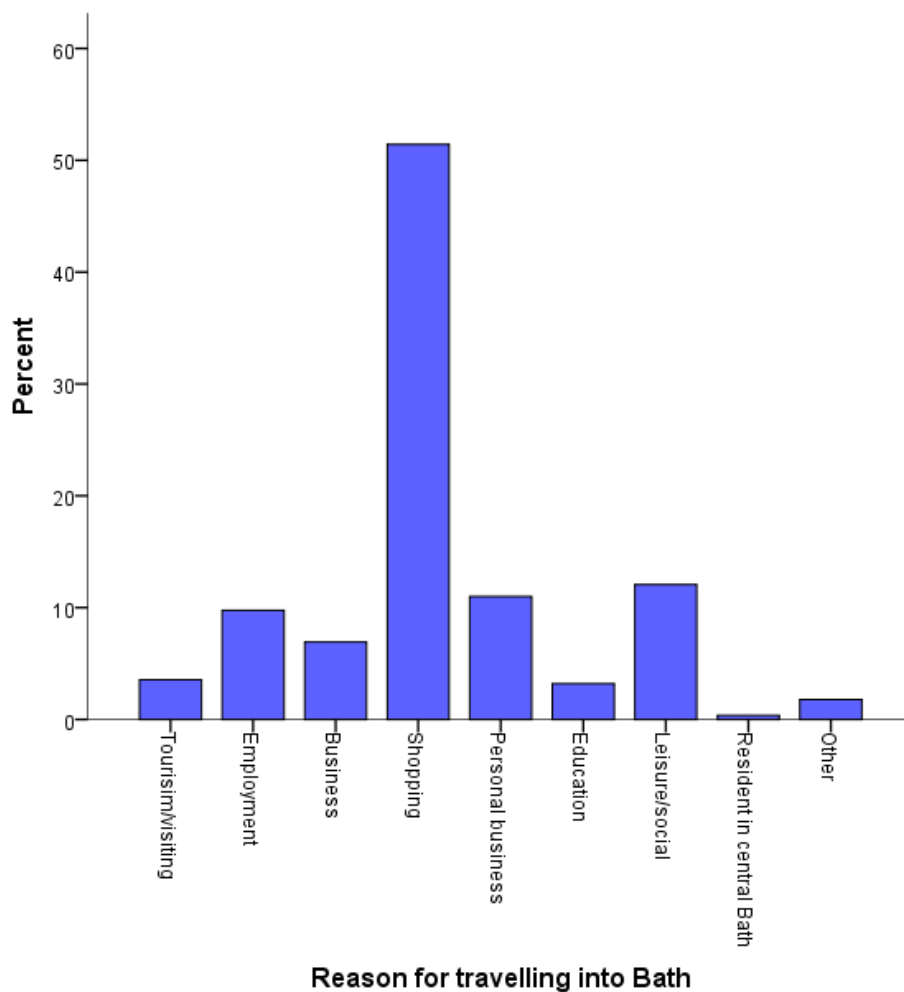
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------------------|-----------|---------|---------------|--------------------|
| Valid | Tourism/visiting | 28 | 3.9 | 3.9 | 3.9 |
| | Employment | 115 | 16.0 | 16.0 | 19.8 |
| | Business | 14 | 1.9 | 1.9 | 21.8 |
| | Shopping | 330 | 45.8 | 45.8 | 67.5 |
| | Personal business | 93 | 12.9 | 12.9 | 80.4 |
| | Education | 18 | 2.5 | 2.5 | 82.9 |
| | Leisure/social | 117 | 16.2 | 16.2 | 99.2 |
| | Resident in central Bath | 3 | .4 | .4 | 99.6 |
| | Other | 3 | .4 | .4 | 100.0 |
| | Total | 721 | 100.0 | 100.0 | |



3.2 Car park users (all)

Reason for travelling into Bath

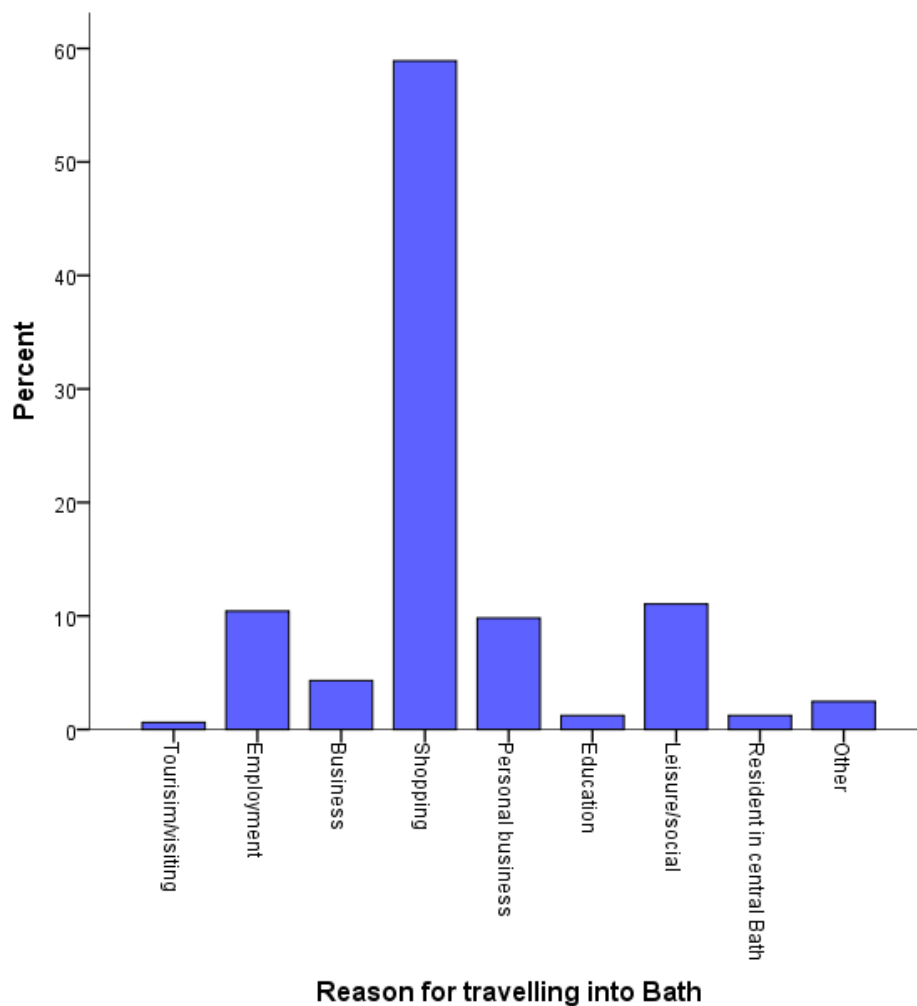
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------------------|-----------|---------|---------------|--------------------|
| Valid | Tourism/visiting | 20 | 3.5 | 3.5 | 3.5 |
| | Employment | 55 | 9.8 | 9.8 | 13.3 |
| | Business | 39 | 6.9 | 6.9 | 20.2 |
| | Shopping | 290 | 51.4 | 51.4 | 71.6 |
| | Personal business | 62 | 11.0 | 11.0 | 82.6 |
| | Education | 18 | 3.2 | 3.2 | 85.8 |
| | Leisure/social | 68 | 12.1 | 12.1 | 97.9 |
| | Resident in central Bath | 2 | .4 | .4 | 98.2 |
| | Other | 10 | 1.8 | 1.8 | 100.0 |
| | Total | 564 | 100.0 | 100.0 | |



3.3 Car park users (travelling from within 2 mile radius of central Bath)

Reason for travelling into Bath

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------------------|-----------|---------|---------------|--------------------|
| Valid | Tourism/visiting | 1 | .6 | .6 | .6 |
| | Employment | 17 | 10.4 | 10.4 | 11.0 |
| | Business | 7 | 4.3 | 4.3 | 15.3 |
| | Shopping | 96 | 58.9 | 58.9 | 74.2 |
| | Personal business | 16 | 9.8 | 9.8 | 84.0 |
| | Education | 2 | 1.2 | 1.2 | 85.3 |
| | Leisure/social | 18 | 11.0 | 11.0 | 96.3 |
| | Resident in central Bath | 2 | 1.2 | 1.2 | 97.5 |
| | Other | 4 | 2.5 | 2.5 | 100.0 |
| | Total | 163 | 100.0 | 100.0 | |



Journey purpose cross-tabulations

3.4 Park and Ride users compared to car park users

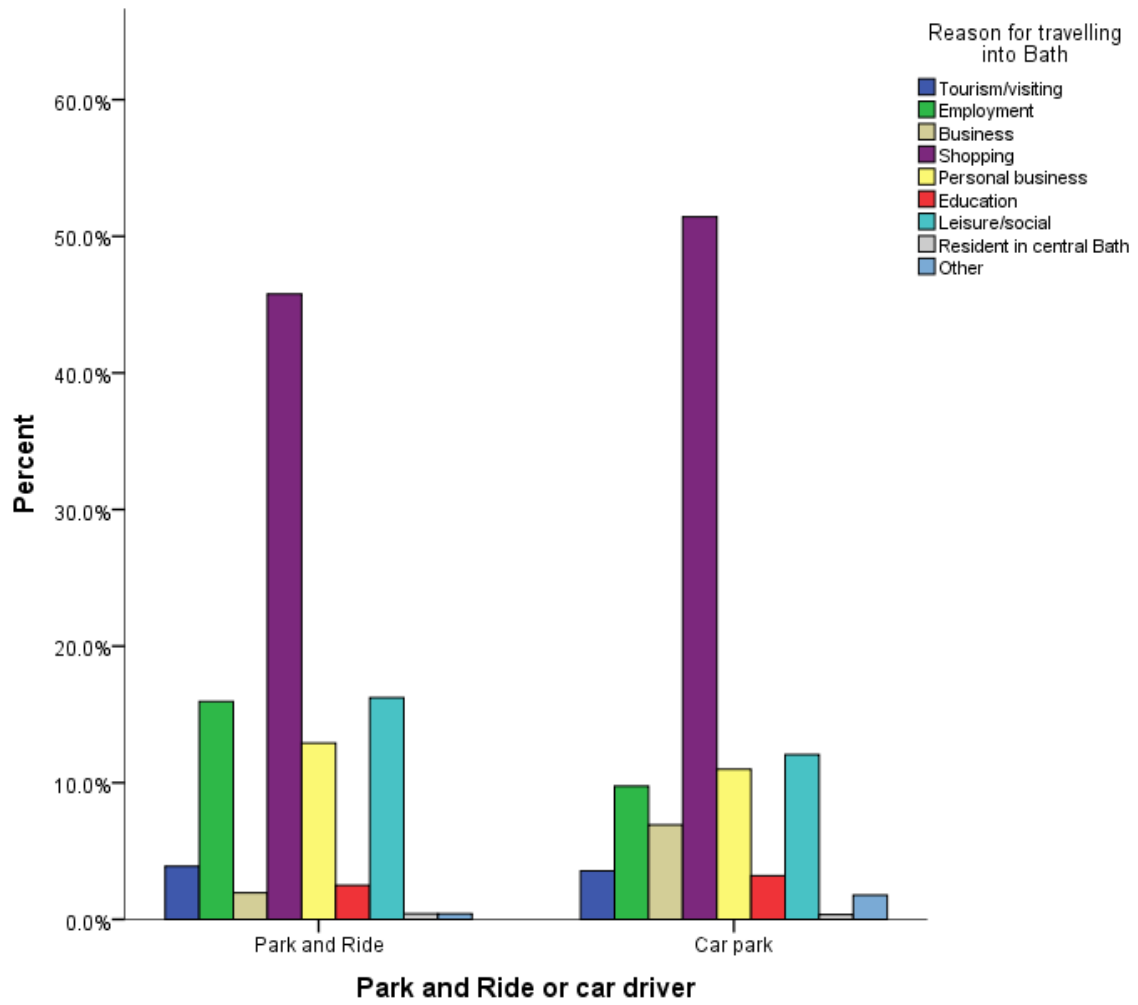
Reason for travelling into Bath * Park and Ride or car driver Crosstabulation

| | | | Park and Ride or car driver | | Total |
|---------------------------------|--------------------------------------|--------------------------------------|-----------------------------|----------|-------|
| | | | P and R | Car park | |
| Reason for travelling into Bath | Tourism/visiting | Count | 28 | 20 | 48 |
| | | % within Park and Ride or car driver | 3.9% | 3.5% | 3.7% |
| | Employment | Count | 115 | 55 | 170 |
| | | % within Park and Ride or car driver | 16.0% | 9.8% | 13.2% |
| | Business | Count | 14 | 39 | 53 |
| | | % within Park and Ride or car driver | 1.9% | 6.9% | 4.1% |
| | Shopping | Count | 330 | 290 | 620 |
| | | % within Park and Ride or car driver | 45.8% | 51.4% | 48.2% |
| | Personal business | Count | 93 | 62 | 155 |
| | | % within Park and Ride or car driver | 12.9% | 11.0% | 12.1% |
| | Education | Count | 18 | 18 | 36 |
| | | % within Park and Ride or car driver | 2.5% | 3.2% | 2.8% |
| | Leisure/social | Count | 117 | 68 | 185 |
| | | % within Park and Ride or car driver | 16.2% | 12.1% | 14.4% |
| | Resident in central Bath | Count | 3 | 2 | 5 |
| | | % within Park and Ride or car driver | .4% | .4% | .4% |
| | Other | Count | 3 | 10 | 13 |
| | | % within Park and Ride or car driver | .4% | 1.8% | 1.0% |
| Total | Count | 721 | 564 | 1285 | |
| | % within Park and Ride or car driver | 100.0% | 100.0% | 100.0% | |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|---------------------|----|-----------------------|
| Pearson Chi-Square | 41.467 ^a | 8 | .000 |
| Likelihood Ratio | 42.160 | 8 | .000 |
| Linear-by-Linear Association | .045 | 1 | .833 |
| N of Valid Cases | 1285 | | |

a. 2 cells (11.1%) have expected count less than 5. The minimum expected count is 2.19.



3.5 Car park users trip origin <2 mile radius of city centre compared to those >2 mile radius

Reason for travelling into Bath * Participants' postcode within 2 mile radius of central Bath

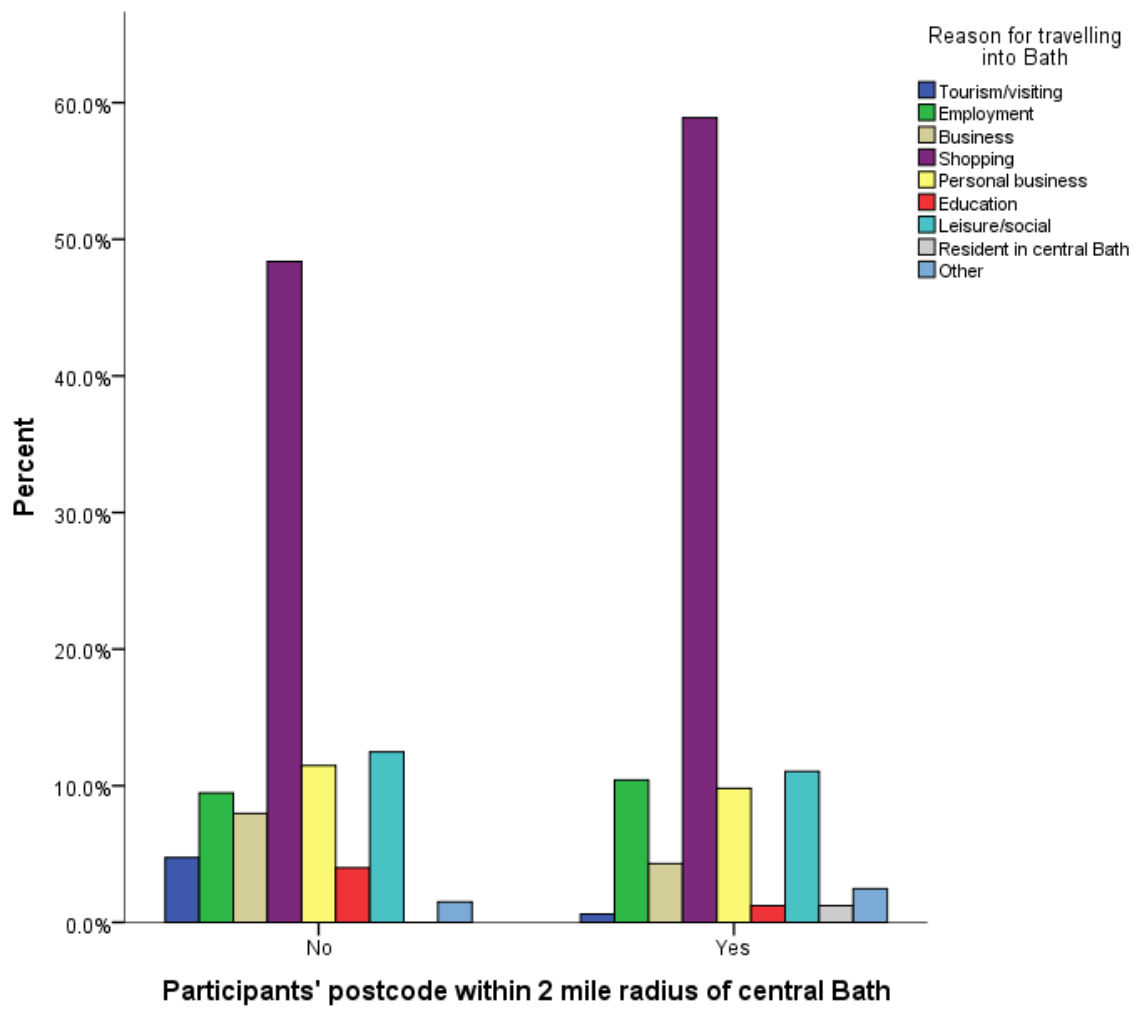
Crosstabulation

| | | | Participants' postcode within 2 mile radius of central Bath | | Total |
|---------------------------------|--------------------------|-------|---|--------|--------|
| | | | No | Yes | |
| Reason for travelling into Bath | Tourism/visiting | Count | 19 | 1 | 20 |
| | | % | 4.7% | .6% | 3.5% |
| | Employment | Count | 38 | 17 | 55 |
| | | % | 9.5% | 10.4% | 9.8% |
| | Business | Count | 32 | 7 | 39 |
| | | % | 8.0% | 4.3% | 6.9% |
| | Shopping | Count | 194 | 96 | 290 |
| | | % | 48.4% | 58.9% | 51.4% |
| | Personal business | Count | 46 | 16 | 62 |
| | | % | 11.5% | 9.8% | 11.0% |
| | Education | Count | 16 | 2 | 18 |
| | | % | 4.0% | 1.2% | 3.2% |
| | Leisure/social | Count | 50 | 18 | 68 |
| | | % | 12.5% | 11.0% | 12.1% |
| | Resident in central Bath | Count | 0 | 2 | 2 |
| | | % | .0% | 1.2% | .4% |
| | Other | Count | 6 | 4 | 10 |
| | | % | 1.5% | 2.5% | 1.8% |
| Total | | Count | 401 | 163 | 564 |
| | | % | 100.0% | 100.0% | 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|---------------------|----|-----------------------|
| Pearson Chi-Square | 19.214 ^a | 8 | .014 |
| Likelihood Ratio | 21.883 | 8 | .005 |
| Linear-by-Linear Association | .702 | 1 | .402 |
| N of Valid Cases | 564 | | |

a. 3 cells (16.7%) have expected count less than 5. The minimum expected count is .58.

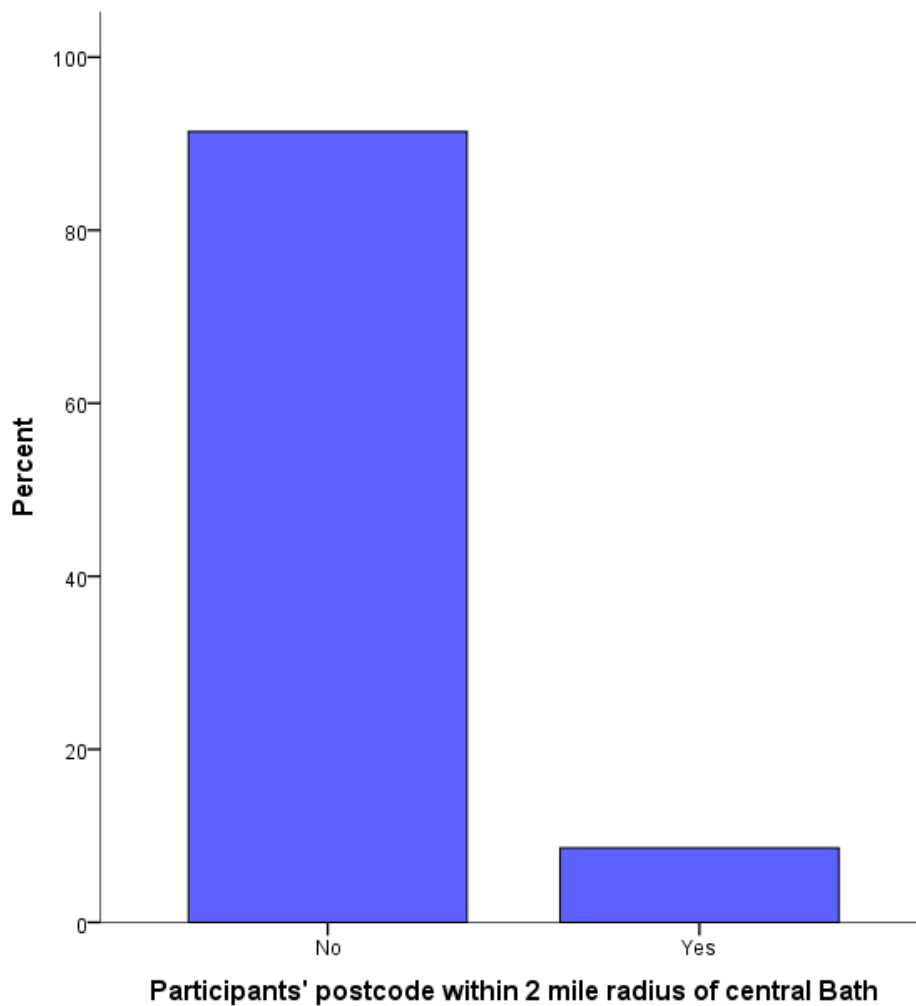


4.0 Distance from central Bath

4.1 Park and Ride users

Participants' postcode within 2 mile radius of central Bath

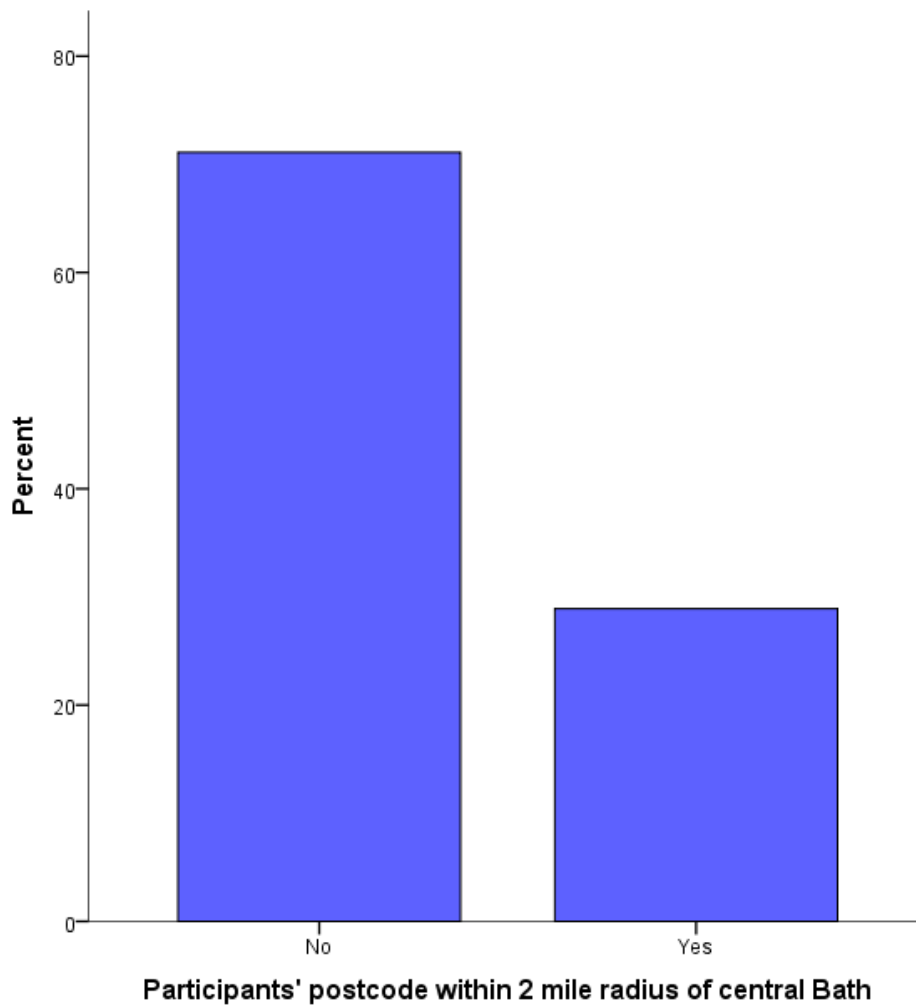
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------|-----------|---------|---------------|--------------------|
| Valid | No | 658 | 91.3 | 91.4 | 91.4 |
| | Yes | 62 | 8.6 | 8.6 | 100.0 |
| | Total | 720 | 99.9 | 100.0 | |
| Missing | System | 1 | .1 | | |
| Total | | 721 | 100.0 | | |



4.2 Car park users (all)

Participants' postcode within 2 mile radius of central Bath

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | No | 401 | 71.1 | 71.1 | 71.1 |
| | Yes | 163 | 28.9 | 28.9 | 100.0 |
| | Total | 564 | 100.0 | 100.0 | |



Distance cross-tabulations

4.3 Park and Ride users compared to car park users

Participants' postcode within 2 mile radius of central Bath * Park and Ride or car driver Crosstabulation

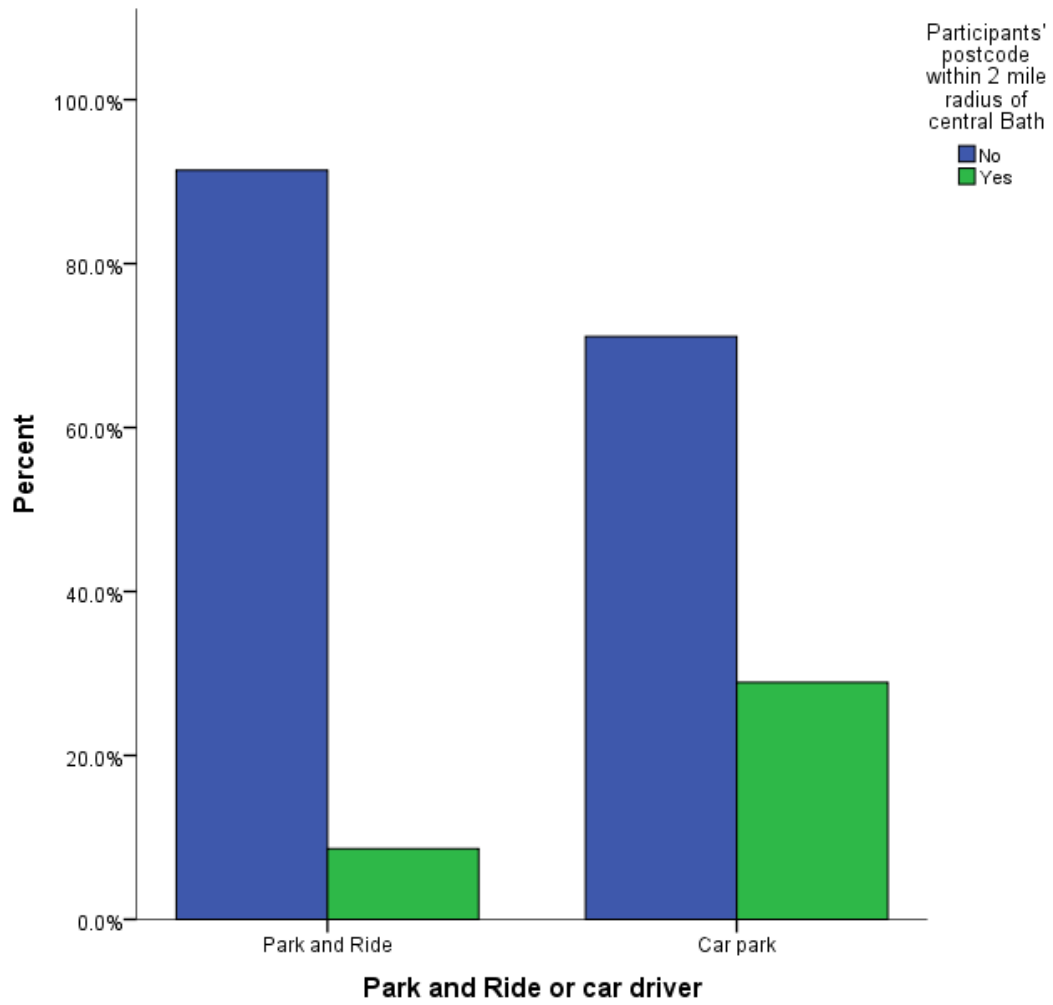
| | | | Park and Ride or car driver | | Total |
|--|-----|-------|-----------------------------|----------|--------|
| | | | Park and Ride | Car park | |
| Participants' postcode within 2 mile radius of central Bath | No | Count | 658 | 401 | 1059 |
| | | % | 91.4% | 71.1% | 82.5% |
| | Yes | Count | 62 | 163 | 225 |
| | | % | 8.6% | 28.9% | 17.5% |
| Total | | Count | 720 | 564 | 1284 |
| | | % | 100.0% | 100.0% | 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2- sided) | Exact Sig. (2- sided) | Exact Sig. (1- sided) |
|------------------------------------|---------------------|----|---------------------------|--------------------------|--------------------------|
| Pearson Chi-Square | 90.083 ^a | 1 | .000 | | |
| Continuity Correction ^b | 88.685 | 1 | .000 | | |
| Likelihood Ratio | 90.994 | 1 | .000 | | |
| Fisher's Exact Test | | | | .000 | .000 |
| Linear-by-Linear Association | 90.013 | 1 | .000 | | |
| N of Valid Cases | 1284 | | | | |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 98.83.

b. Computed only for a 2x2 table

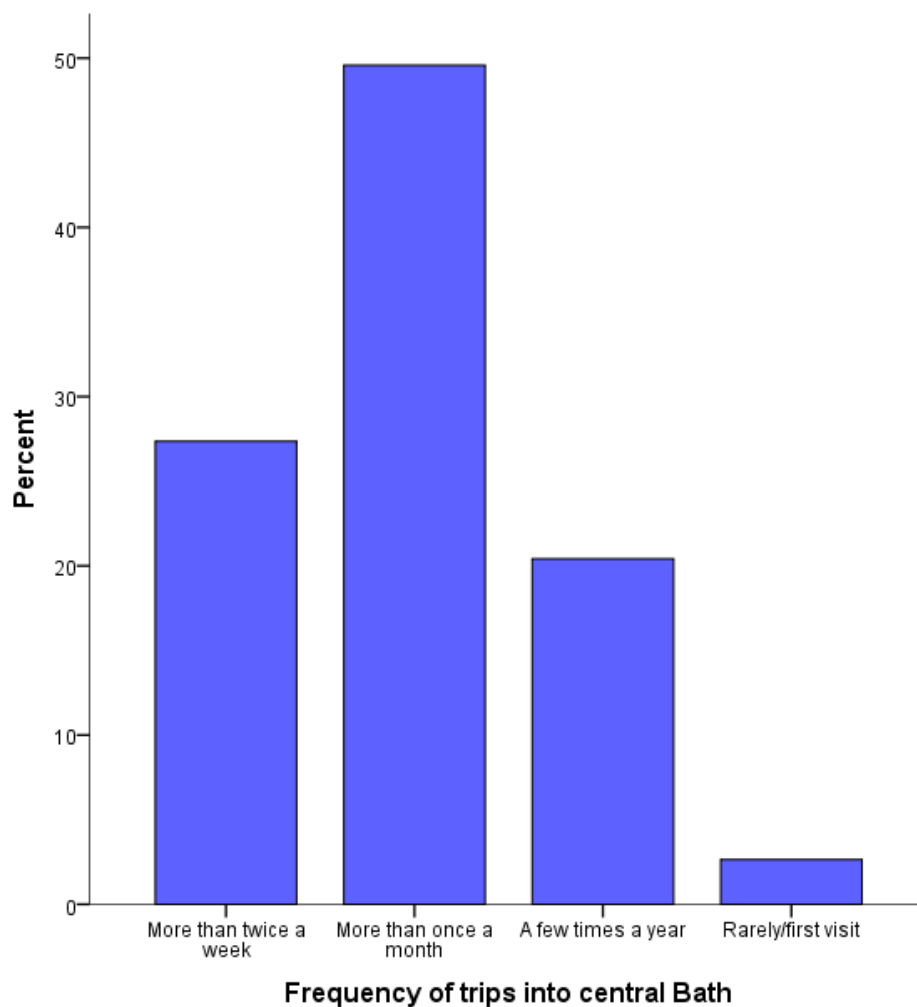


5.0 Frequency of trips into central Bath

5.1 Park and Ride users

Frequency of trips into central Bath

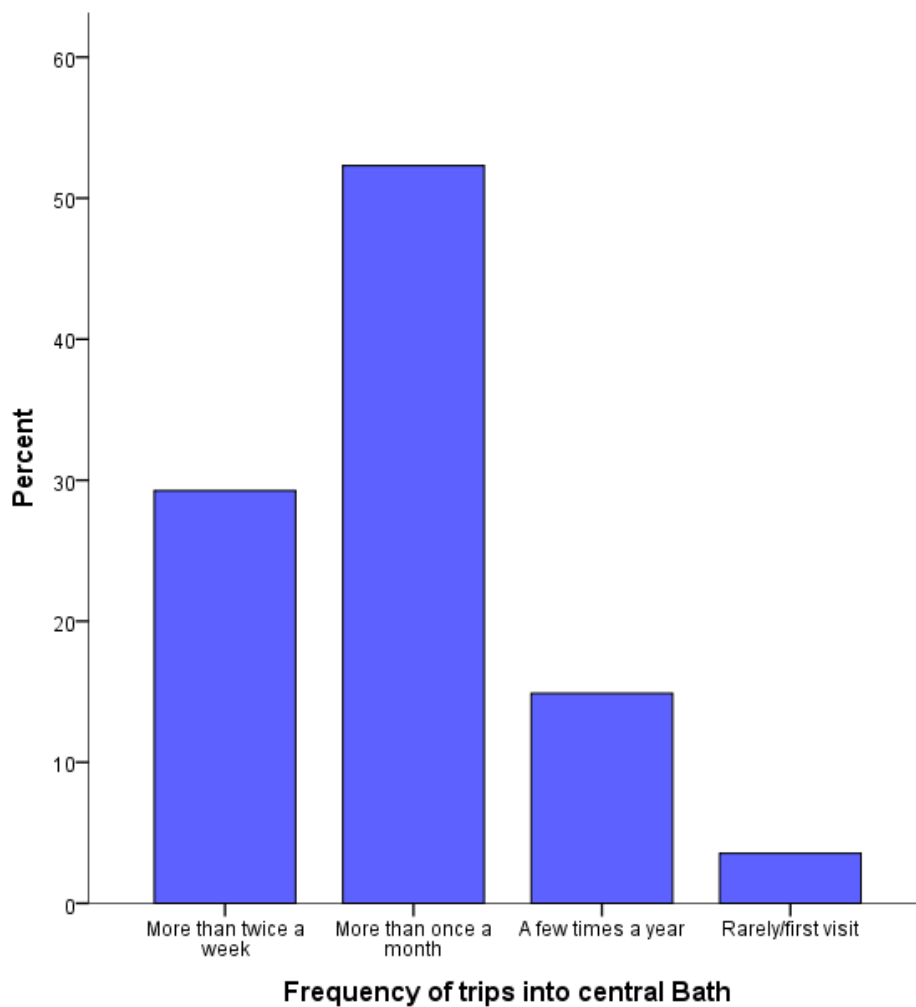
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------|-----------|---------|---------------|--------------------|
| Valid | More than twice a week | 197 | 27.3 | 27.4 | 27.4 |
| | More than once a month | 357 | 49.5 | 49.6 | 76.9 |
| | A few times a year | 147 | 20.4 | 20.4 | 97.4 |
| | Rarely/first visit | 19 | 2.6 | 2.6 | 100.0 |
| | Total | 720 | 99.9 | 100.0 | |
| Missing | Missing | 1 | .1 | | |
| Total | | 721 | 100.0 | | |



5.2 Car park users (all)

Frequency of trips into central Bath

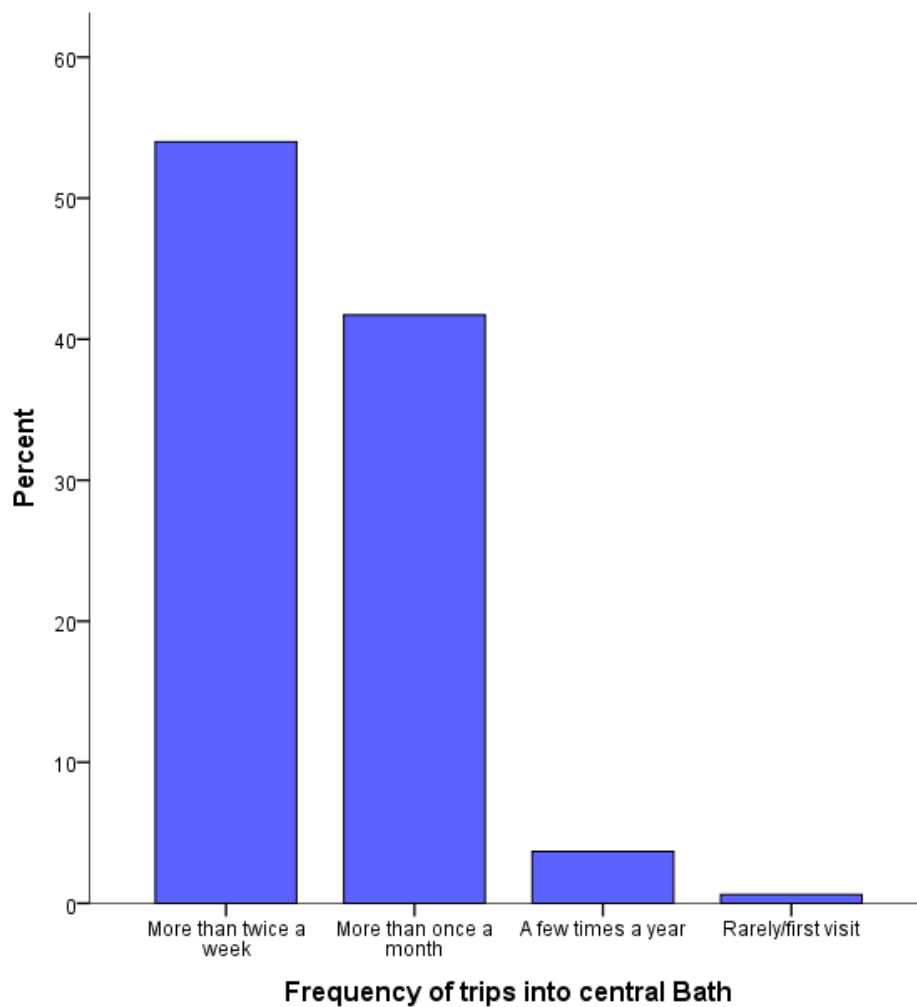
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------------|-----------|---------|---------------|--------------------|
| Valid | More than twice a week | 165 | 29.3 | 29.3 | 29.3 |
| | More than once a month | 295 | 52.3 | 52.3 | 81.6 |
| | A few times a year | 84 | 14.9 | 14.9 | 96.5 |
| | Rarely/first visit | 20 | 3.5 | 3.5 | 100.0 |
| | Total | 564 | 100.0 | 100.0 | |



5.3 Car park users (travelling from within 2 mile radius of central Bath)

Frequency of trips into central Bath

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------------|-----------|---------|---------------|--------------------|
| Valid | More than twice a week | 88 | 54.0 | 54.0 | 54.0 |
| | More than once a month | 68 | 41.7 | 41.7 | 95.7 |
| | A few times a year | 6 | 3.7 | 3.7 | 99.4 |
| | Rarely/first visit | 1 | .6 | .6 | 100.0 |
| | Total | 163 | 100.0 | 100.0 | |



Frequency cross-tabulations

5.4 Car park users' origin distance from city centre compared to frequency of trips

Frequency of trips into central Bath * Car park users' postcode within 2 mile radius of central Bath

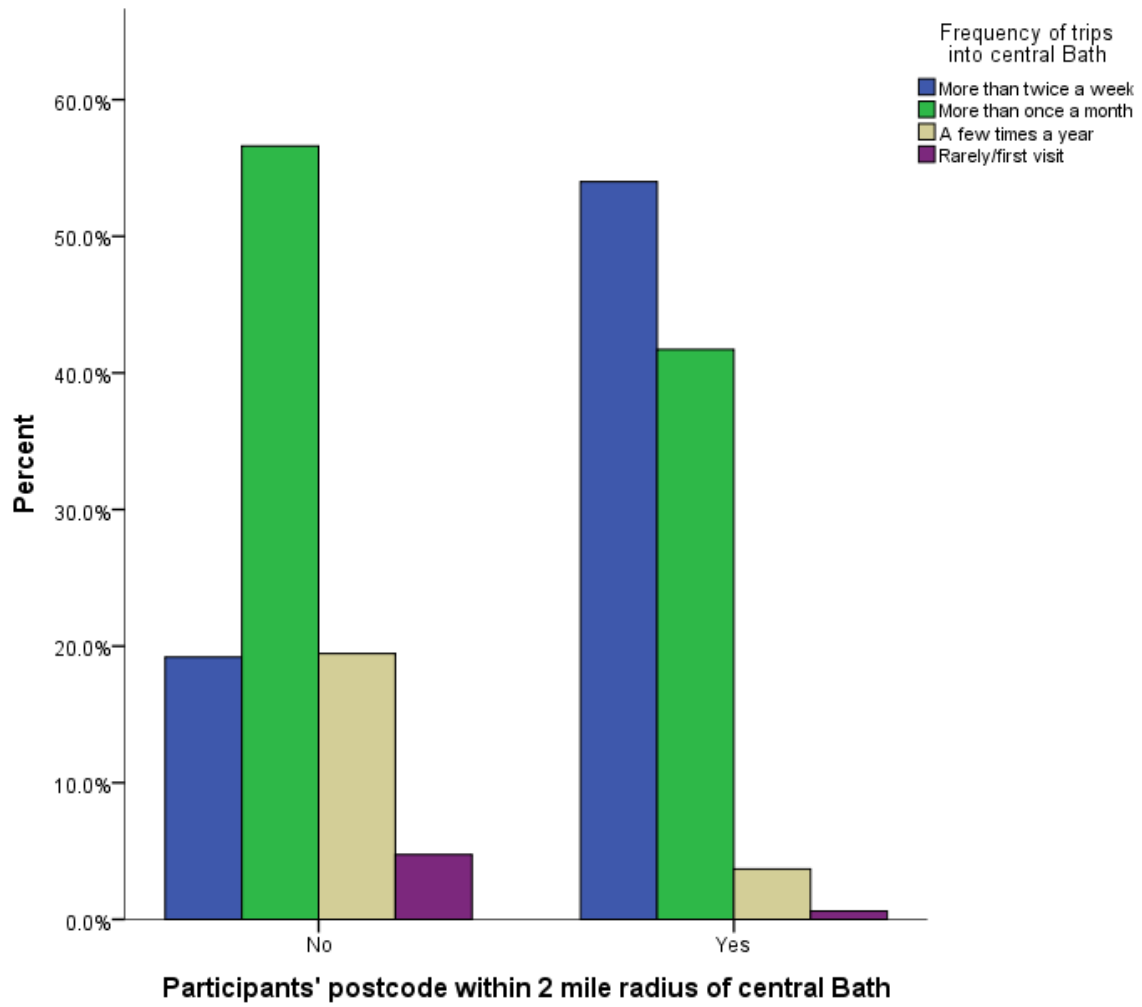
Crosstabulation

| | | | Participants' postcode within 2 mile radius of central Bath | | Total |
|--------------------------------------|------------------------|------------|---|---------------|---------------|
| | | | No | Yes | |
| Frequency of trips into central Bath | More than twice a week | Count % | 77 19.2% | 88 54.0% | 165 29.3% |
| | More than once a month | Count % | 227 56.6% | 68 41.7% | 295 52.3% |
| | A few times a year | Count % | 78 19.5% | 6 3.7% | 84 14.9% |
| | Rarely/first visit | Count % | 19 4.7% | 1 .6% | 20 3.5% |
| | Total | Count % | 401 100.0% | 163 100.0% | 564 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|---------------------|----|-----------------------|
| Pearson Chi-Square | 77.760 ^a | 3 | .000 |
| Likelihood Ratio | 80.512 | 3 | .000 |
| Linear-by-Linear Association | 69.207 | 1 | .000 |
| N of Valid Cases | 564 | | |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.78.

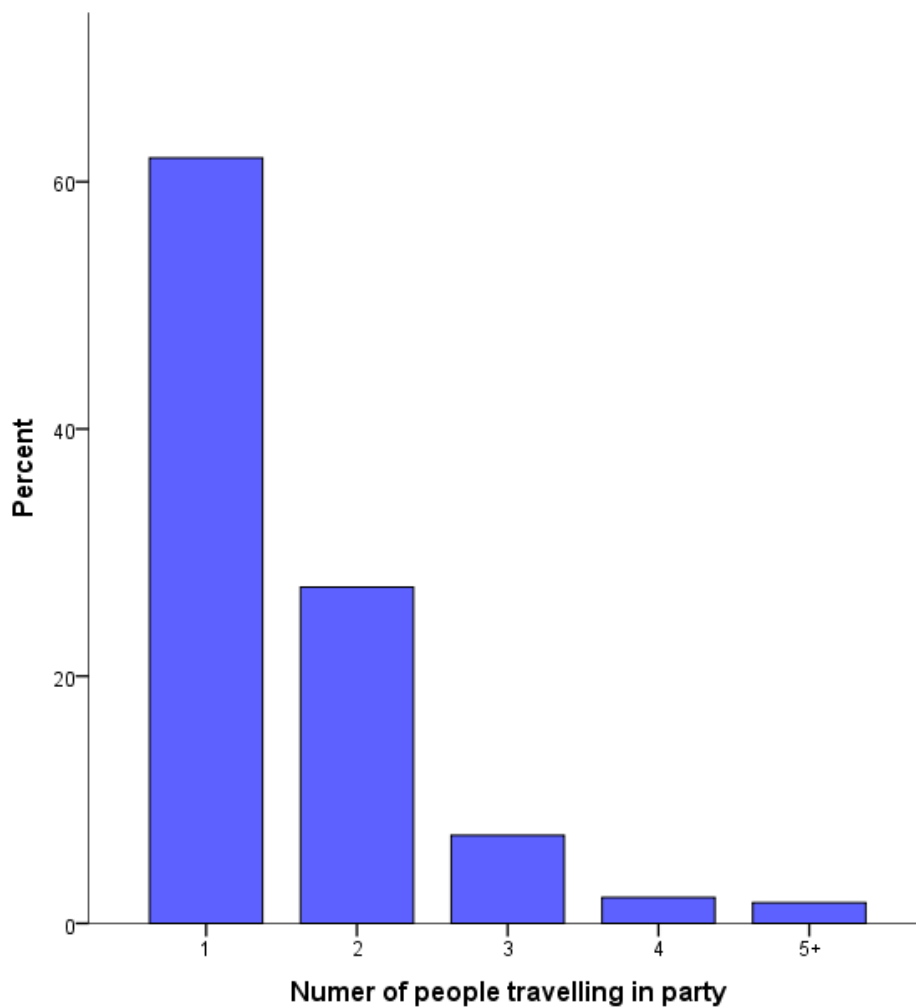


6.0 Size of party

6.1 Park and Ride users

Number of people travelling in party

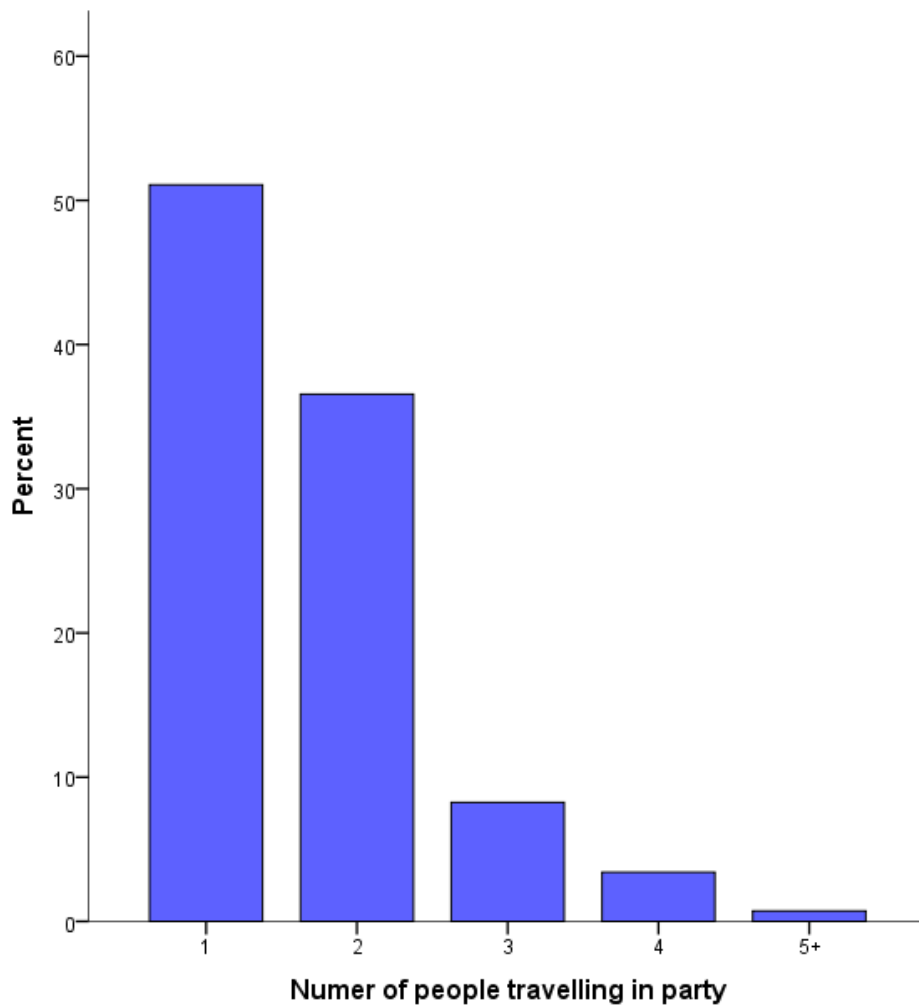
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 444 | 61.6 | 61.9 | 61.9 |
| | 2 | 195 | 27.0 | 27.2 | 89.1 |
| | 3 | 51 | 7.1 | 7.1 | 96.2 |
| | 4 | 15 | 2.1 | 2.1 | 98.3 |
| | 5+ | 12 | 1.7 | 1.7 | 100.0 |
| | Total | 717 | 99.4 | 100.0 | |
| Missing | 99 | 4 | .6 | | |
| Total | | 721 | 100.0 | | |



6.2 Car park users (all)

Number of people travelling in party

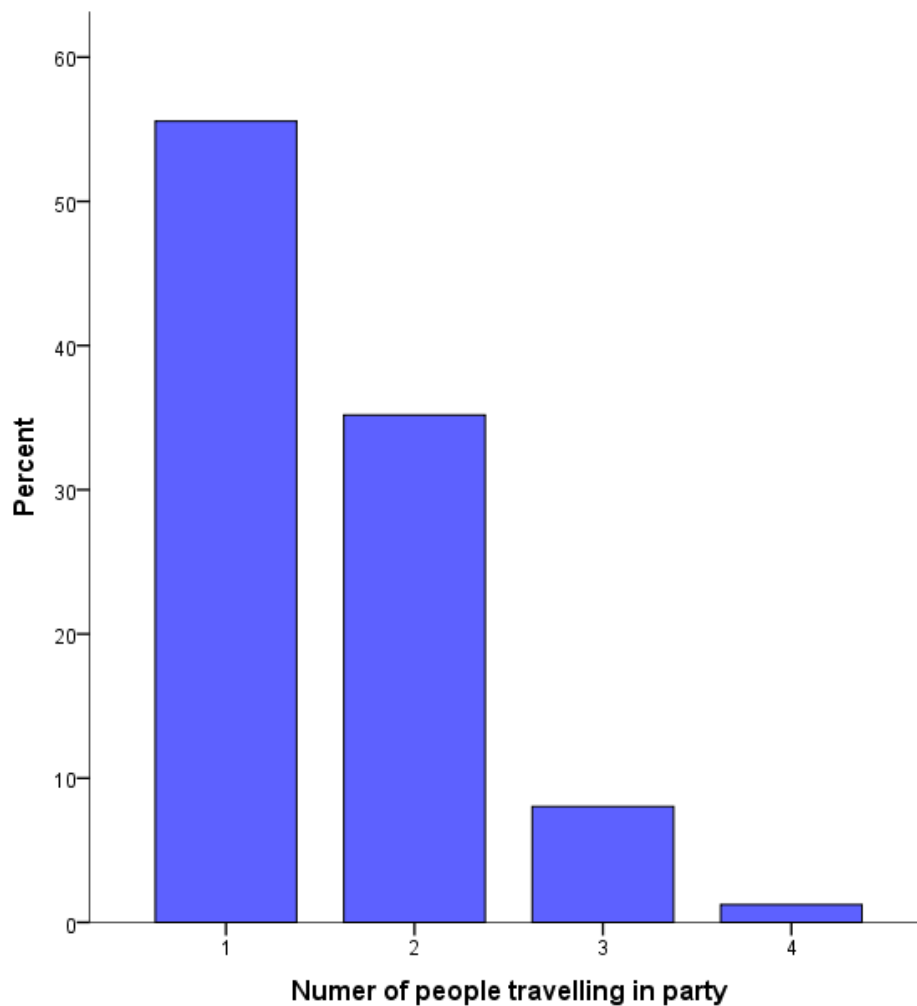
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 285 | 50.5 | 51.1 | 51.1 |
| | 2 | 204 | 36.2 | 36.6 | 87.6 |
| | 3 | 46 | 8.2 | 8.2 | 95.9 |
| | 4 | 19 | 3.4 | 3.4 | 99.3 |
| | 5+ | 4 | .7 | .7 | 100.0 |
| | Total | 558 | 98.9 | 100.0 | |
| Missing | 99 | 6 | 1.1 | | |
| Total | | 564 | 100.0 | | |



6.3 Car park users (travelling from within 2 mile radius of central Bath)

Number of people travelling in party

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 90 | 55.2 | 55.6 | 55.6 |
| | 2 | 57 | 35.0 | 35.2 | 90.7 |
| | 3 | 13 | 8.0 | 8.0 | 98.8 |
| | 4 | 2 | 1.2 | 1.2 | 100.0 |
| | Total | 162 | 99.4 | 100.0 | |
| Missing | 99 | 1 | .6 | | |
| Total | | 163 | 100.0 | | |



Cross-tabulations

6.4 Park and Ride users' party size compared to car park users' party size

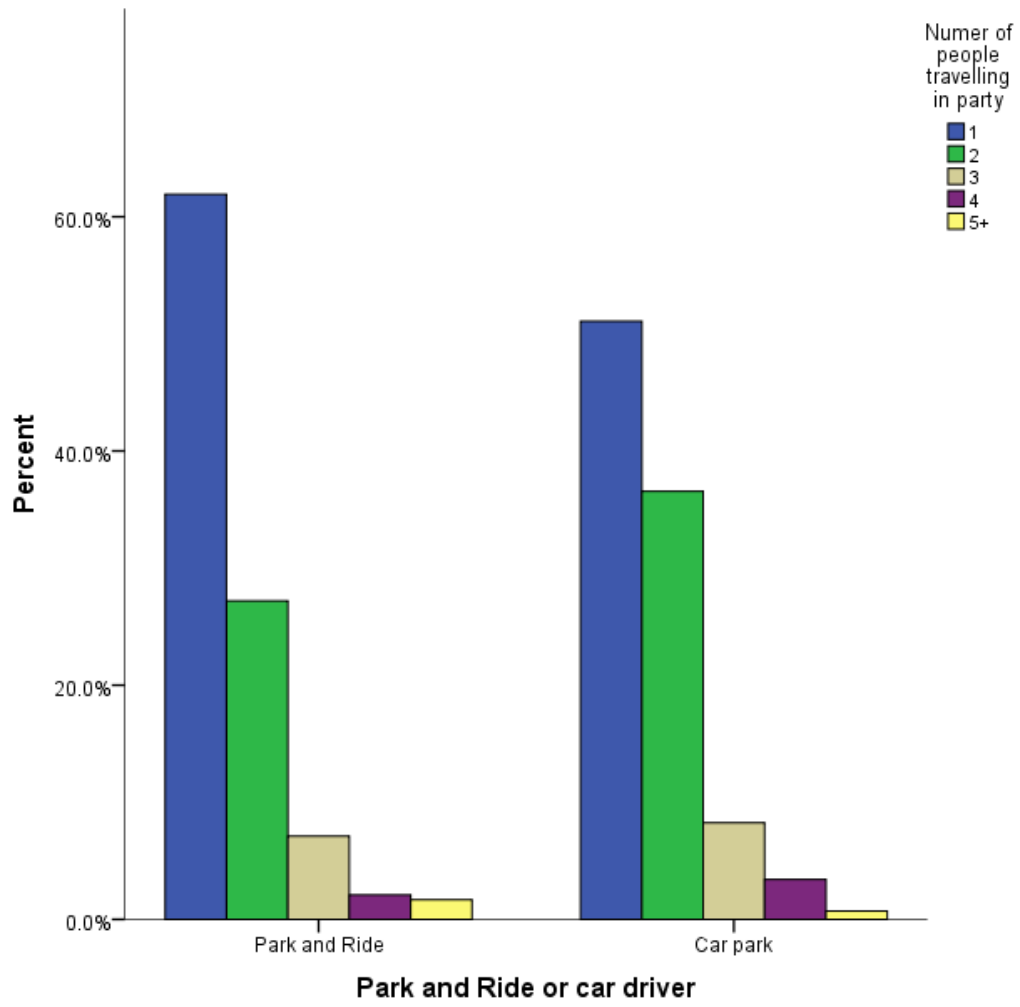
Number of people travelling in party * Park and Ride or car driver Crosstabulation

| | | Park and Ride or car driver | | Total | |
|------------------------------------|----|--------------------------------------|----------|--------|--------|
| | | Park and Ride | Car park | | |
| Nuer of people travelling in party | 1 | Count | 444 | 285 | 729 |
| | | % within Park and Ride or car driver | 61.9% | 51.1% | 57.2% |
| | 2 | Count | 195 | 204 | 399 |
| | | % within Park and Ride or car driver | 27.2% | 36.6% | 31.3% |
| | 3 | Count | 51 | 46 | 97 |
| | | % within Park and Ride or car driver | 7.1% | 8.2% | 7.6% |
| | 4 | Count | 15 | 19 | 34 |
| | | % within Park and Ride or car driver | 2.1% | 3.4% | 2.7% |
| | 5+ | Count | 12 | 4 | 16 |
| | | % within Park and Ride or car driver | 1.7% | .7% | 1.3% |
| Total | | Count | 717 | 558 | 1275 |
| | | % within Park and Ride or car driver | 100.0% | 100.0% | 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|---------------------|----|-----------------------|
| Pearson Chi-Square | 20.095 ^a | 4 | .000 |
| Likelihood Ratio | 20.198 | 4 | .000 |
| Linear-by-Linear Association | 6.137 | 1 | .013 |
| N of Valid Cases | 1275 | | |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.00.

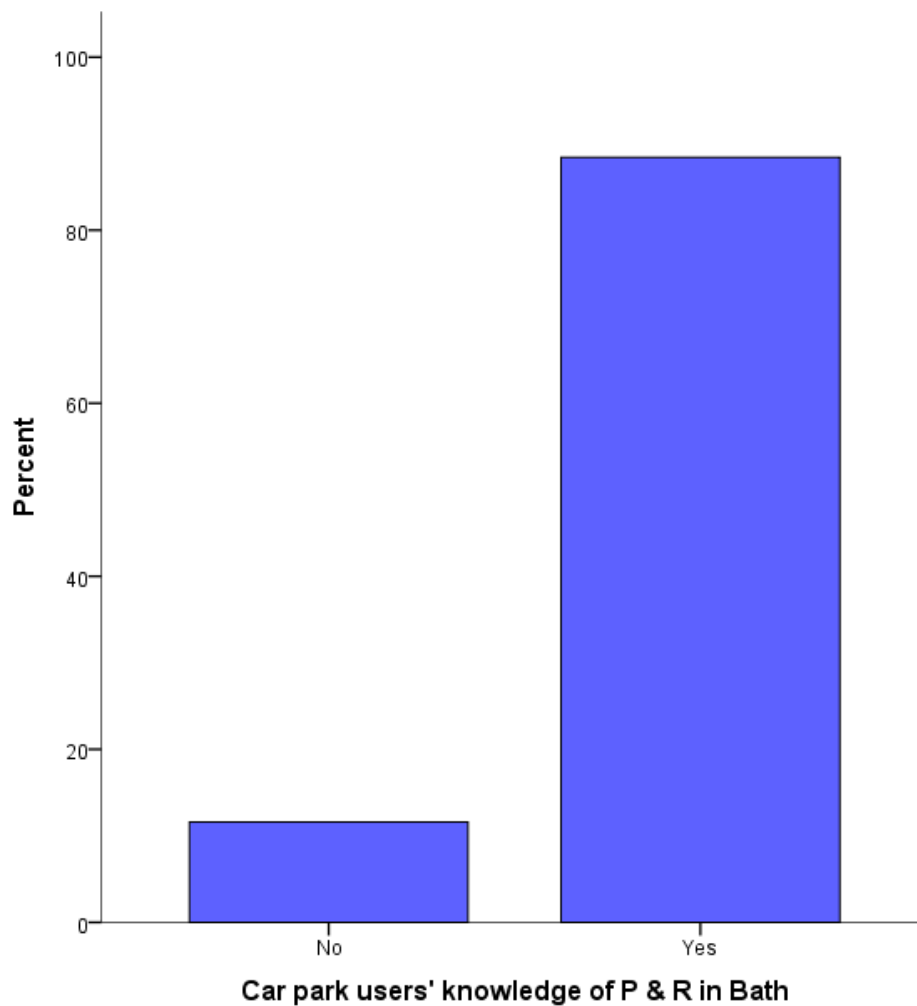


7.0 Knowledge of Park and Ride (car park users only)

7.1 Car park users (all)

Car park users' knowledge of P & R in Bath

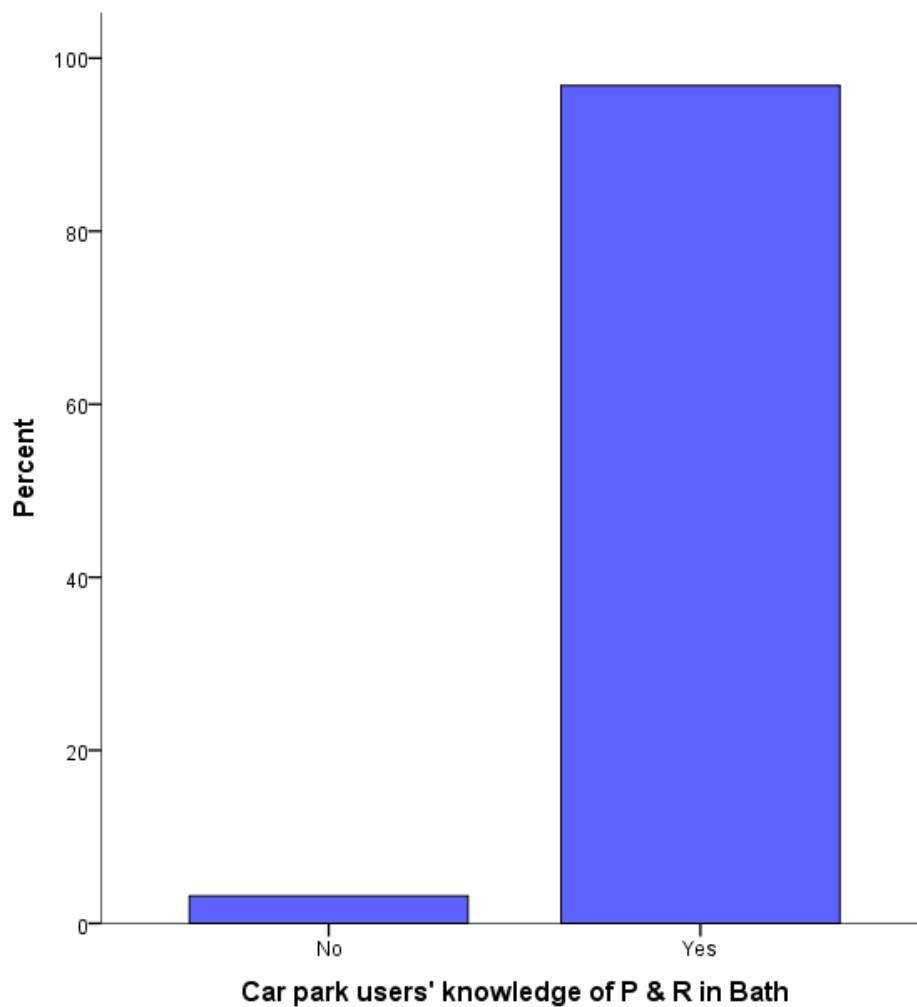
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------|-----------|---------|---------------|--------------------|
| Valid | No | 56 | 9.9 | 11.6 | 11.6 |
| | Yes | 427 | 75.7 | 88.4 | 100.0 |
| | Total | 483 | 85.6 | 100.0 | |
| Missing | Missing | 81 | 14.4 | | |
| Total | | 564 | 100.0 | | |



7.2 Car park users (travelling from within 2 mile radius of central Bath)

Car park users' knowledge of P & R in Bath

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------|-----------|---------|---------------|--------------------|
| Valid | No | 5 | 3.1 | 3.2 | 3.2 |
| | Yes | 153 | 93.9 | 96.8 | 100.0 |
| | Total | 158 | 96.9 | 100.0 | |
| Missing | Missing | 5 | 3.1 | | |
| Total | | 163 | 100.0 | | |

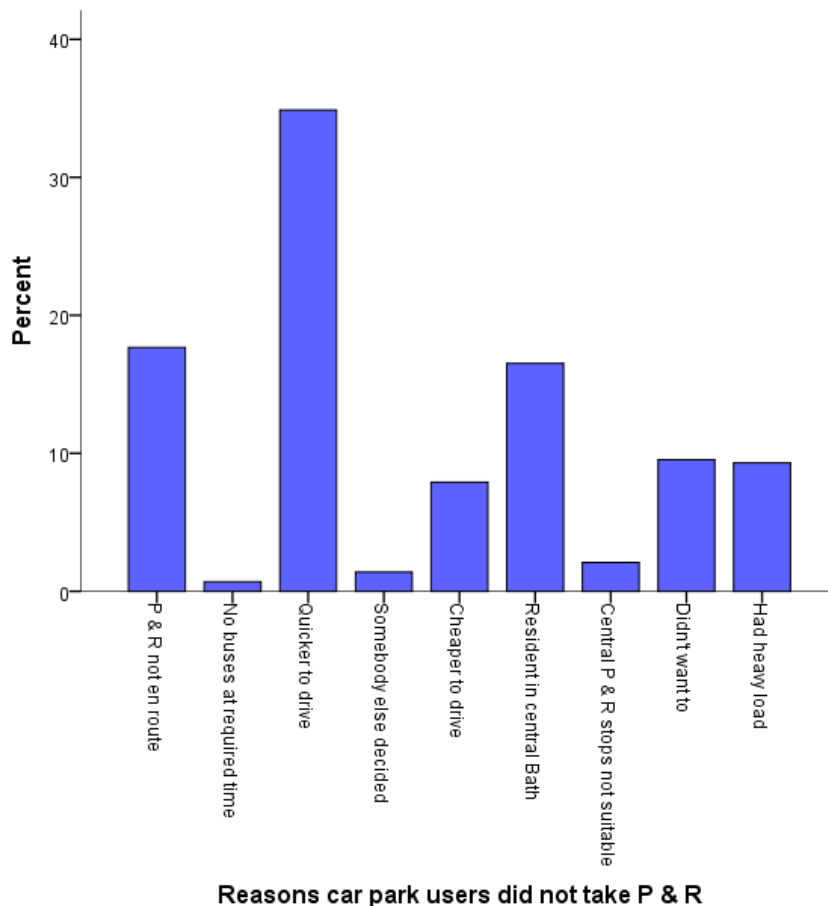


8.0 Reasons for not taking Park and Ride (car park users only)

8.1 Car park users (all)

Reasons car park users did not take P & R

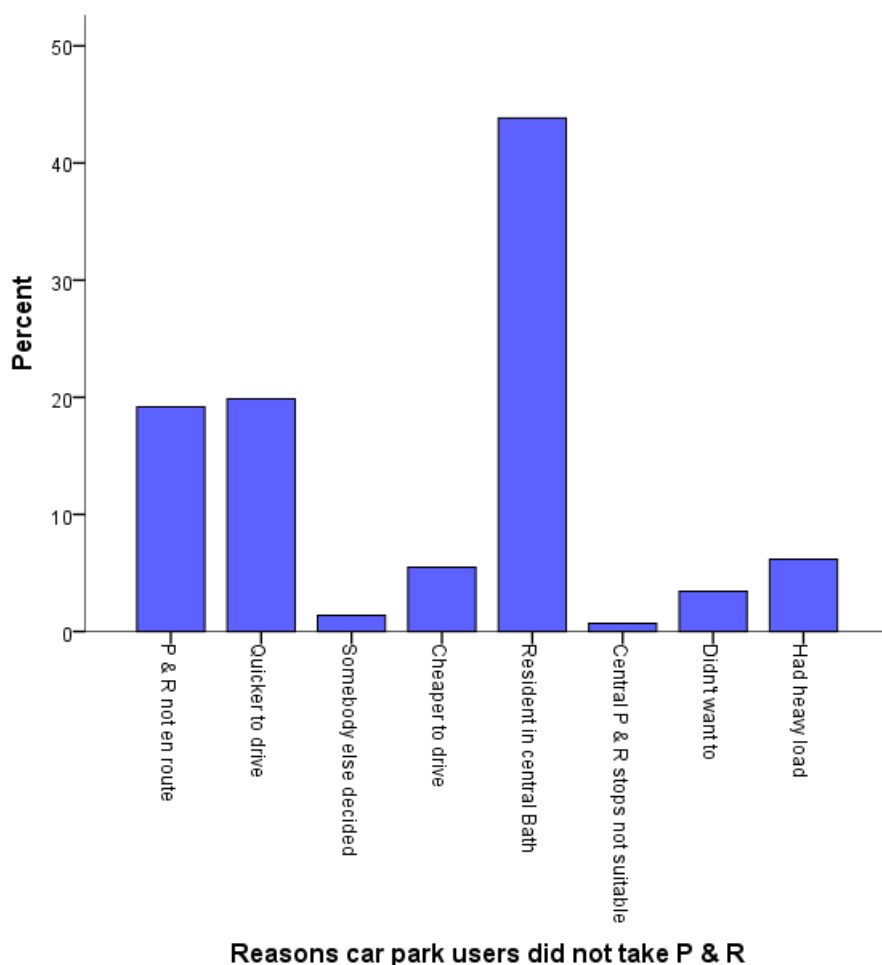
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid | P & R not en route | 76 | 13.5 | 17.7 | 17.7 |
| | No buses at required time | 3 | .5 | .7 | 18.4 |
| | Quicker to drive | 150 | 26.6 | 34.9 | 53.3 |
| | Somebody else decided | 6 | 1.1 | 1.4 | 54.7 |
| | Cheaper to drive | 34 | 6.0 | 7.9 | 62.6 |
| | Resident in central Bath | 71 | 12.6 | 16.5 | 79.1 |
| | Central P & R stops not suitable | 9 | 1.6 | 2.1 | 81.2 |
| | Didn't want to | 41 | 7.3 | 9.5 | 90.7 |
| | Had heavy load | 40 | 7.1 | 9.3 | 100.0 |
| | Total | 430 | 76.2 | 100.0 | |
| Missing | Missing | 134 | 23.8 | | |
| Total | | 564 | 100.0 | | |



8.2 Car park users (travelling from within 2 mile radius of central Bath)

Reasons car park users did not take P & R

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid | P & R not en route | 28 | 17.2 | 19.2 | 19.2 |
| | Quicker to drive | 29 | 17.8 | 19.9 | 39.0 |
| | Somebody else decided | 2 | 1.2 | 1.4 | 40.4 |
| | Cheaper to drive | 8 | 4.9 | 5.5 | 45.9 |
| | Resident in central Bath | 64 | 39.3 | 43.8 | 89.7 |
| | Central P & R stops not suitable | 1 | .6 | .7 | 90.4 |
| | Didn't want to | 5 | 3.1 | 3.4 | 93.8 |
| | Had heavy load | 9 | 5.5 | 6.2 | 100.0 |
| | Total | 146 | 89.6 | 100.0 | |
| Missing | Missing | 17 | 10.4 | | |
| Total | | 163 | 100.0 | | |



Cross-tabulations

8.3 Car park users' origin distance from city centre compared to reasons for not taking P & R

Reasons car park users did not take P & R * Participants' postcode within 2 mile radius of central Bath

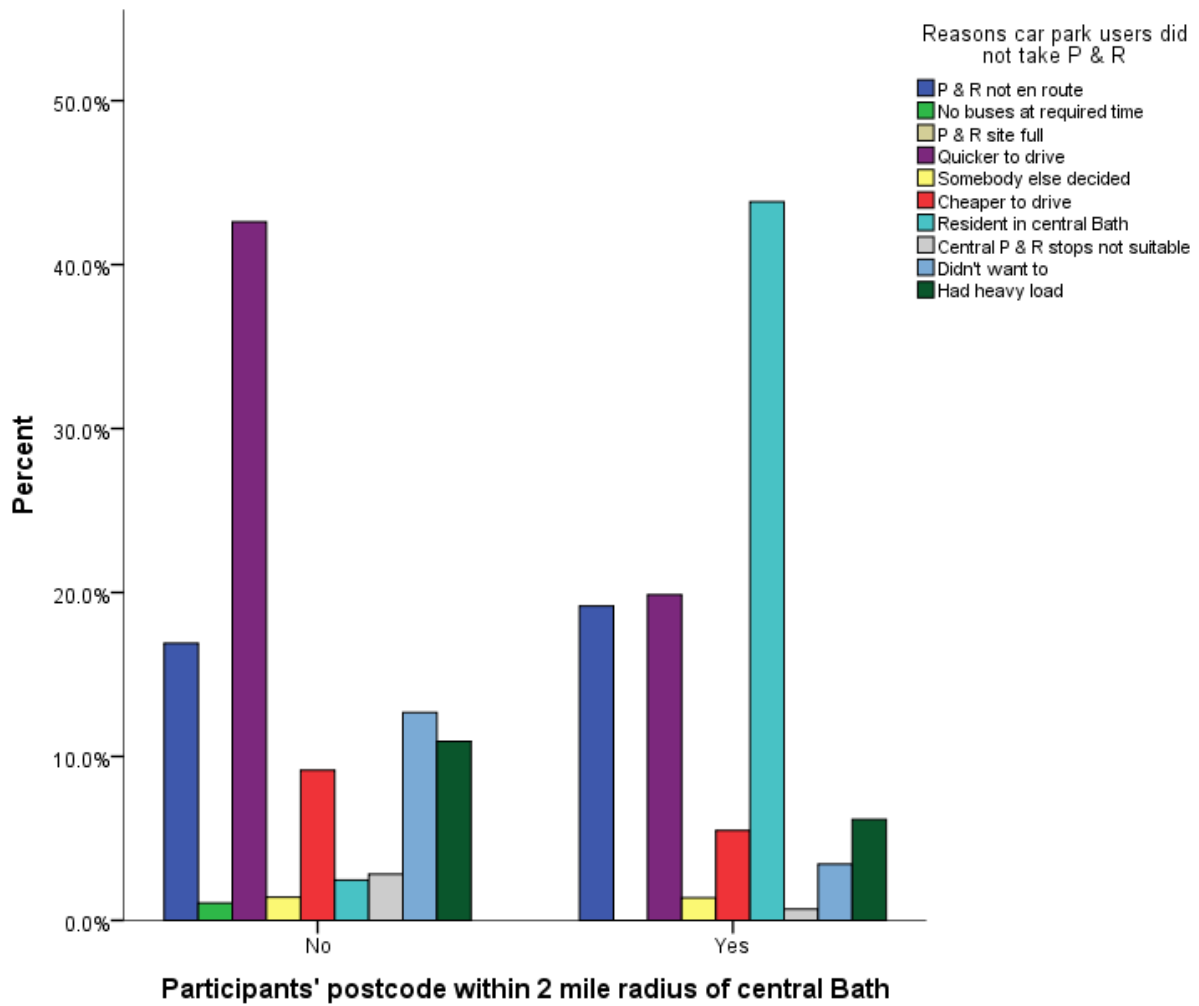
Crosstabulation

| | | | Participants' postcode within 2 mile radius of central Bath | | Total |
|---|----------------------------------|-------|---|--------|--------|
| | | | No | Yes | |
| Reasons car park users did not take P & R | P & R not en route | Count | 48 | 28 | 76 |
| | | % | 16.9% | 19.2% | 17.7% |
| | No buses at required time | Count | 3 | 0 | 3 |
| | | % | 1.1% | .0% | .7% |
| | Quicker to drive | Count | 121 | 29 | 150 |
| | | % | 42.6% | 19.9% | 34.9% |
| | Somebody else decided | Count | 4 | 2 | 6 |
| | | % | 1.4% | 1.4% | 1.4% |
| | Cheaper to drive | Count | 26 | 8 | 34 |
| | | % | 9.2% | 5.5% | 7.9% |
| | Resident in central Bath | Count | 7 | 64 | 71 |
| | | % | 2.5% | 43.8% | 16.5% |
| | Central P & R stops not suitable | Count | 8 | 1 | 9 |
| | | % | 2.8% | .7% | 2.1% |
| | Didn't want to | Count | 36 | 5 | 41 |
| | | % | 12.7% | 3.4% | 9.5% |
| | Had heavy load | Count | 31 | 9 | 40 |
| | | % | 10.9% | 6.2% | 9.3% |
| Total | | Count | 284 | 146 | 430 |
| | | % | 100.0% | 100.0% | 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|----------------------|----|-----------------------|
| Pearson Chi-Square | 130.815 ^a | 8 | .000 |
| Likelihood Ratio | 133.889 | 8 | .000 |
| Linear-by-Linear Association | .996 | 1 | .318 |
| N of Valid Cases | 430 | | |

a. 5 cells (27.8%) have expected count less than 5. The minimum expected count is 1.02.

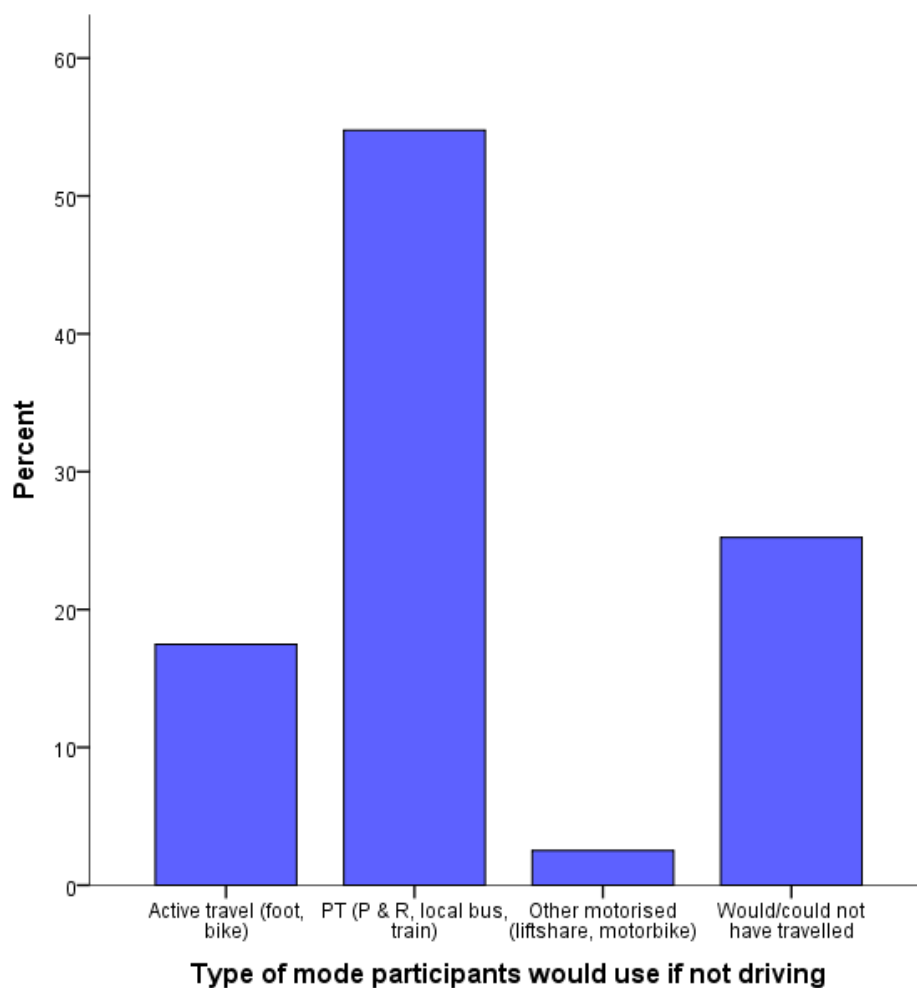


9.0 Likely alternate mode (car park users only)

9.1 Car park users (all)

Type of mode participants would use if not driving

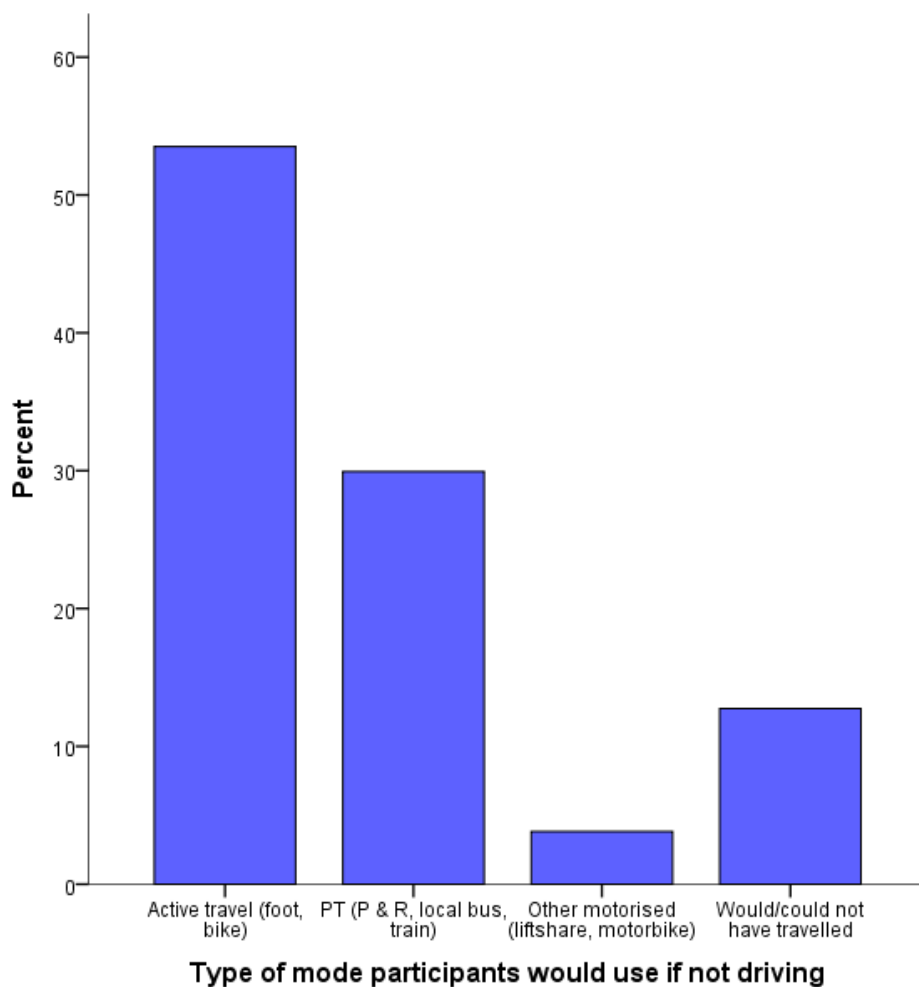
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | Active travel (foot, bike) | 97 | 17.2 | 17.5 | 17.5 |
| | PT (P & R, local bus, train) | 304 | 53.9 | 54.8 | 72.3 |
| | Other motorised (liftshare, motorbike) | 14 | 2.5 | 2.5 | 74.8 |
| | Would/could not have travelled | 140 | 24.8 | 25.2 | 100.0 |
| | Total | 555 | 98.4 | 100.0 | |
| Missing | Missing | 9 | 1.6 | | |
| Total | | 564 | 100.0 | | |



9.2 Car park users (travelling from within 2 mile radius of central Bath)

Type of mode participants would use if not driving

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | Active travel (foot, bike) | 84 | 51.5 | 53.5 | 53.5 |
| | PT (P & R, local bus, train) | 47 | 28.8 | 29.9 | 83.4 |
| | Other motorised (liftshare, motorbike) | 6 | 3.7 | 3.8 | 87.3 |
| | Would/could not have travelled | 20 | 12.3 | 12.7 | 100.0 |
| | Total | 157 | 96.3 | 100.0 | |
| Missing | Missing | 6 | 3.7 | | |
| Total | | 163 | 100.0 | | |



Cross-tabulations

9.3 Car park users' origin distance from city centre compared to likely alternate mode

Type of mode participants would use if not driving * Participants' postcode within 2 mile radius of central Bath

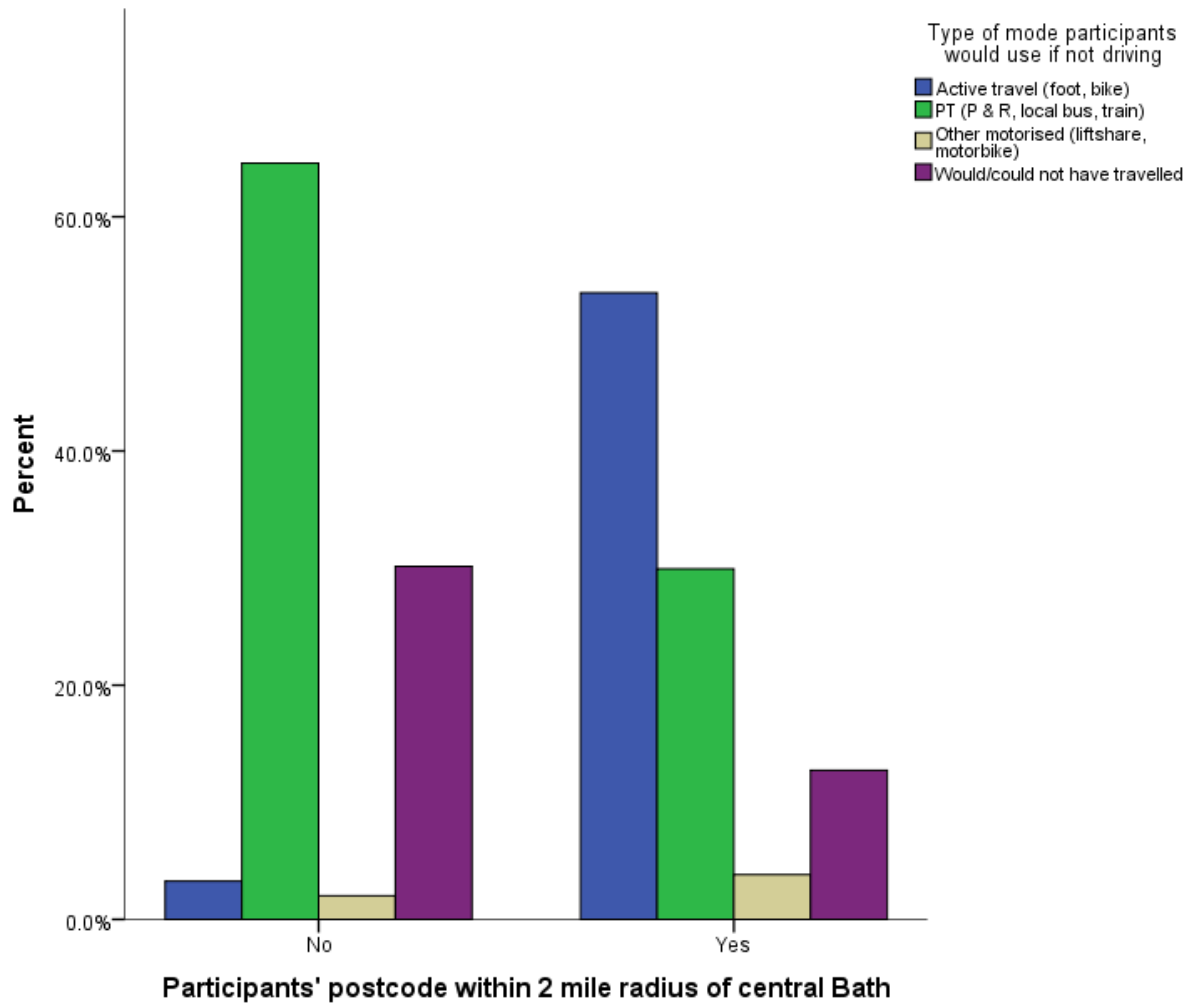
Crosstabulation

| | | | Participants' postcode within 2 mile radius of central Bath | | Total |
|--|--|------------|---|---------------|---------------|
| | | | No | Yes | |
| Type of mode participants would use if not driving | Active travel (foot, bike) | Count % | 13 3.3% | 84 53.5% | 97 17.5% |
| | PT (P & R, local bus, train) | Count % | 257 64.6% | 47 29.9% | 304 54.8% |
| | Other motorised (liftshare, motorbike) | Count % | 8 2.0% | 6 3.8% | 14 2.5% |
| | Would/could not have travelled | Count % | 120 30.2% | 20 12.7% | 140 25.2% |
| Total | | Count % | 398 100.0% | 157 100.0% | 555 100.0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|----------------------|----|-----------------------|
| Pearson Chi-Square | 202.231 ^a | 3 | .000 |
| Likelihood Ratio | 188.982 | 3 | .000 |
| Linear-by-Linear Association | 71.917 | 1 | .000 |
| N of Valid Cases | 555 | | |

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 3.96.



10.0 Other significant associations between variables

Journey purpose versus alternate mode

Journey purpose versus PaR site

Alt mode vs reason for not using par