

# Investigating the relationship between feelings about transplant with organ performance and adherence to medication in organ receivers

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## Abstract

**Background:** Organ transplantation is one of the best end-stage organ failure treatments. The study examined patient attitudes toward the transplanted organ, organ function, and medication adherence in organ transplant recipients.

**Methods:** This was a correlational study with a sample of 245 liver and kidney transplant recipients recruited from medical centers and clinics in Tabriz, Iran.

**Results:** The study found that among the three fields—recipient's concern about the transplanted organ, positive attitude towards the transplanted organ, and psychological rejection or feeling of alienation—the highest score ( $27.40 \pm 15.31$ ) was in the second field, while the lowest score ( $14.68 \pm 3.54$ ) was in the third field. Patients showed high adherence to immunosuppressant drugs, with a mean Basel adherence score of  $12.1 \pm 1.7$  out of a possible score of 0-20. 155 individuals (63.3%) took immunosuppressive medications completely. Further, the Spearman correlation test revealed a significant positive correlation between questionnaire domains, feelings towards the transplanted organ, total score, and mean adherence to immunosuppressive medications ( $p < 0.01$ ,  $r = 0.25$ ).

**Conclusion:** The results showing a positive correlation between recipient sentiments toward the donated organ and medication adherence emphasize the importance of transplant recipient perspectives. Optimizing immunosuppressive therapy compliance by considering patients' feelings would improve quality of life.

**Keywords:** “Organ transplantation” “Emotion” “Adherence” “End-stage”

## Introduction

The paper must not exceed 12 pages. Please use the following guidelines in preparing your full papers. If papers are not prepared according to the following guidelines they will be withdrawn from the conference program.

## Elements of a Paper

The basic elements of a paper are listed below in the order in which they should appear:

- Conference header
- Paper title
- Author names and affiliations
- Abstract
- Keywords
- Introduction
- Main body of paper, including figures and tables, page numbers and footer, headings, enumerations, etc.
- Conclusions
- Acknowledgments
- Nomenclature (Not-necessary for two-page summary paper)
- References
- Appendices

## Paper Preparation

All papers must be written in either English or Persian (Farsi). Paper will be presented in the language that it is written.

Paper must send by uploading in the conference websit. Don't use Email for sending papers.

For English papers; the fonts for the different parts of a paper are in Times New Roman as follows:

- Title: 12 pt bold (centered)
- Author(s): 10 pt bold (centered)
- Affiliations: 10 pt (centered, italic)
- Keywords: 10 pt
- Section Headings: 11 pt bold
- Subsection Headings: 10 pt -Others: 10 pt

Each A4 page is prepared in one column. The Abstract starts 90mm from the top of the page on the first page.

Papers must be prepared using Word 2003 or higher. They must be submitted a word file(Full Paper).

The headings will start from the far left.

Use single spacing with no space between the section headings and the paragraph following it. Put one space between the texts of main sections.

Paper must have page numbers.

## System of Units

SI system of units is deemed to be used. If necessary use the equivalent value in the other system of units in brackets after the SI system of units.

## Equations

Equations start from the far left of the column and numbered consecutively. The equation numbers must be bracketed and placed opposite to the equation on the far right of the line in that column.

$$\sigma_r = \frac{E}{1-\nu^2} (\epsilon_r + \nu \epsilon_\theta - (1-\nu) \alpha \Delta T) \quad (1)$$

## Tables, Figures and Photographs

Tables must be numbered and the title of the table must be placed on the top of the table with the footnotes on the bottom. Tables must appear where (or as close as to) they are first mentioned in the text. They must be referred in the text as "Table 1".

Figures must be numbered and the caption of the figure must come at the bottom of the figure. All the legends and the numerical values on the axes of the curves must be clear and readable. Figures must appear where (or as close as to) they are first mentioned in the text. They must be referred in the text as "Figure 1".

Photographs must original and follow 2 above for numbering and captions.

Leave one space between the Table/Figure and the text following it.

Table 1-major cities on the 21 routes to london

Route number	City 1	City 2	City 3	City 4	City 5	City 6
1	Halifax	Sheffield	Nottingham	Bedford		
2	Plymouth	Exeter	Salisbury			
3	Tiverton	Taunton	Frome			
4	Bristol	Bath	Reading			
5	Southampton	Winchester				
6	Portsmouth	Chichester				
7	Canterbury	Rochester				
8	Yarmouth	Ipswich	Colchester			
9	Norwich	Bury				
10	King's Lynn	Ely	Cambridge			
11	Berwick	Newcastle	South Shields	Sunderland	Durham	
12	Bradford	Leeds				
13	Whitby	Scarborough	York			
14	Manchester	Derby	Northampton	Leicester		
15	Hereford	Gloucester	Cirencester			
16	Beverley	Hull	Lincoln	Boston		
17	Whitehaven	Liverpool	Macclesfield	Lancaster	Carlisle	Kendal
18	Shrewsbury	Birmingham	Wolverhampton	Coventry	Dudley	
19	Worcester	Oxford				
20	Kidderminster	Warwick	Banbury			
21	Chester	Lichfield	Coventry			

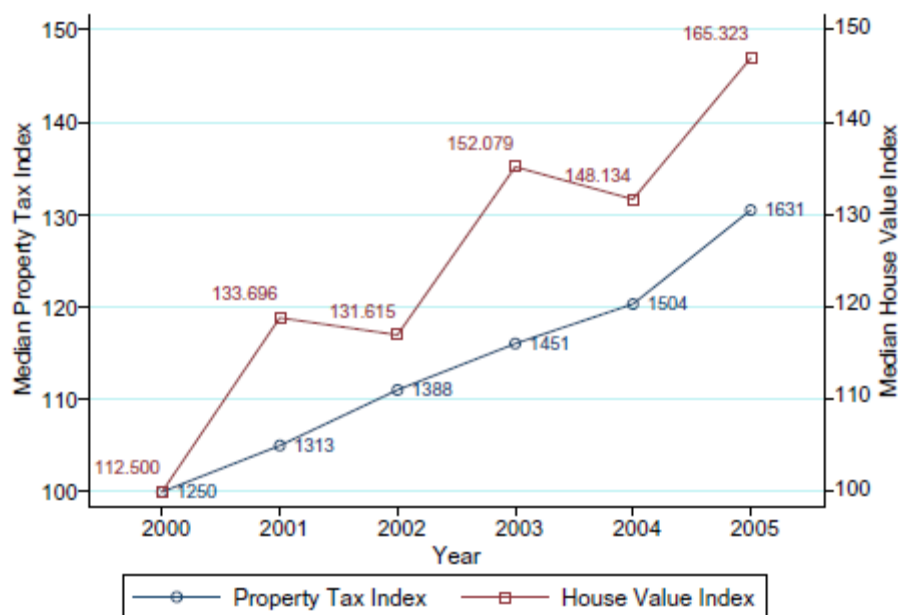


Figure (1) median property taxes and house value in the united states, 2000-2005

## Results Discussion

All the obtained results should be carefully investigated and compared with the other works. Two page summary papers must include results and discussion sections.

## Conclusions

Main conclusions of the paper must be put here.



### List of Symbols

The list of symbols comes after the acknowledgment and before references. The English symbols come first followed by the Greek symbols. Both must be typed in alphabetical order and separated.

### References

References must be numbered and be listed in the list of references in the order that they are referred to in the text. Their number must be put in squared bracket, i.e. [1].

The complete details of the references will appear in the list of references.

For journal papers, books and conferences papers use the following formats:

- [1] Assembly Jobs, Economic Development, and the Economy Committee, 2006. 20, Years of California Enterprise Zones: A Review and Prospectus, Sacramento, California, April 12, 2006.
- [2] Timoshenko, S.P. and Woinowsky-Krieger, S., 1959, *Theory of Plates and Shells*, New York: McGraw-Hill Book Company.
- [3] Billings, Stephen, 2009. Do enterprise zones work? An analysis at the borders. *Public Finance Review* 37 (1), 68–93.