

# Variable selection and estimation using the group lasso

Aditya Chindhade

# Contents

<b>1</b>	<b>Abstract</b>	<b>1</b>
<b>2</b>	<b>Introduction</b>	<b>2</b>
<b>3</b>	<b>Group Lasso</b>	<b>3</b>
<b>4</b>	<b>Experiments</b>	<b>4</b>
<b>5</b>	<b>Results</b>	<b>5</b>
<b>6</b>	<b>Discussion</b>	<b>6</b>
<b>7</b>	<b>Conclusion</b>	<b>7</b>

# 1 Abstract

## **2 Introduction**

[1]

### 3 Group Lasso

## 4 Experiments

## 5 Results

## 6 Discussion



## 7 Conclusion

## References

- [1] M. Yuan and Y. Lin, “Model selection and estimation in regression with grouped variables,” *Journal of the Royal Statistical Society: Series B (Statistical Methodology)*, vol. 68, no. 1, pp. 49–67, 2006.