

# LIST OF ACRONYMS

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ADP	Approximate Dynamic Programming
AED	Automated External Defibrillator
ALS	Advanced Life Support
AMEXCLP	Adjusted Maximum Expected Location Problem
AMEXPREP	Adjusted Minimal Expected Penalty Relocation Problem
BACOP	Backup Coverage Problem
BLS	Basic Life Support
CAD	Computed-Aided Dispatch
DAM	Dynamic Ambulance Management
DMEXCLP	Dynamic Maximum Expected Location Problem
DSM	Double Standard Model
EMS	Emergency Medical Services
GAAP	Generalized Ambulance Assignment Problem
GABAP	Generalized Ambulance Bottleneck Assignment Problem
GEV	Generalized Extreme Value
GPS	Global Positioning System
ILP	Integer Linear Programming
LBAP	Linear Bottleneck Assignment Problem
LSCP	Location Set Covering Problem
MALP	Maximum Availability Location Problem
MCLP	Maximum Coverage Location Problem
MDP	Markov Decision Process
MECRP	Maximal Expected Coverage Relocation Problem
MEXCLP	Maximum Expected Location Problem
MEXPREP	Minimal Expected Penalty Relocation Problem
MS	Management Science
MWBM	Minimum Weighted Bipartite Matching

OR	Operations Research
REPRO	From REactive to PROactive planning of ambulance services
RIVM	Rijksinstituut Volksgezondheid en Milieu
$RP^t$	Redeployment Problem at time $t$
RRA	Rapid Responder Ambulance
RTA	Regular Transport Ambulance
TIMEXCLP	Time-dependent MEXCLP