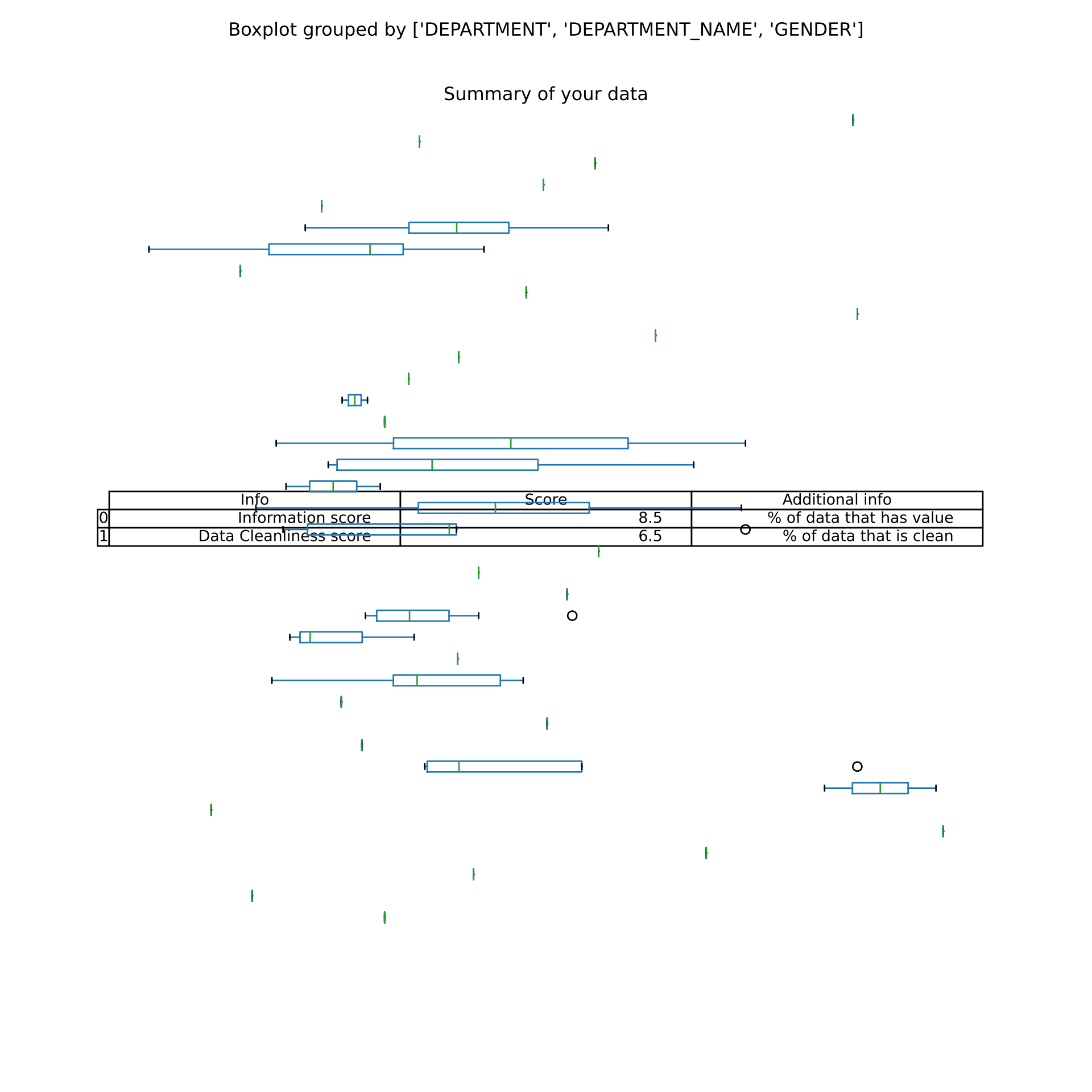


Summary of your data

	Info	Score	Additional info
0	Information score	8.5	% of data that has value
1	Data Cleanliness score	6.5	% of data that is clean

DEPARTMENTTransition

	clean_data	unclean_data
Min frequency observation	MPB	MPB
Max frequency observation	HHS	HHS
Data type	object	object
Missing	0	0
Count	10291	10291
Unique Category	42	42
Column location from left	0	0
Statistical Datatype	CATEGORICAL INTEGER	CATEGORICAL INTEGER
First five observation	['ABS', 'ABS', 'ABS', 'ABS', 'ABS']	['ABS', 'ABS', 'ABS', 'ABS', 'ABS']
Has Unique Observatons	42	42
Unique observation	42	42
Min observation	NULL	NULL
Max observation	NULL	NULL
Mean observation	NULL	NULL
Median observation	NULL	NULL
Standard Deviation	NULL	NULL
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	NULL	NULL
Key Recommendations	[]	[]

DEPARTMENT_NAMETransition

	clean_data	unclean_data
Min frequency observation	Merit System Protection Board Department	Merit System Protection Board Department
Max frequency observation	Department of Health and Human Services	Department of Health and Human Services
Data type	object	object
Missing	0	0
Count	10291	10291
Unique Category	42	42
Column location from left	1	1
Statistical Datatype	CATEGORICAL INTEGER	CATEGORICAL INTEGER
First five observation	['Alcohol Beverage Services', 'Alcohol Beverage Services', 'Alcohol Beverage Services', 'Alcohol Beverage Services', 'Alcohol Beverage Services']	['Alcohol Beverage Services', 'Alcohol Beverage Services', 'Alcohol Beverage Services', 'Alcohol Beverage Services', 'Alcohol Beverage Services']
Has Unique Observatons	42	42
Unique observation	42	42
Min observation	NULL	NULL
Max observation	NULL	NULL
Mean observation	NULL	NULL
Median observation	NULL	NULL
Standard Deviation	NULL	NULL
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	NULL	NULL
Key Recommendations	[]	[]

DIVISIONTransition

	clean_data	unclean_data
Min frequency observation	COR 42 DS MCCF Educational Services	COR 42 DS MCCF Educational Services
Max frequency observation	HHS 60 School Health Services	HHS 60 School Health Services
Data type	object	object
Missing	0	0
Count	10291	10291
Unique Category	627	627
Column location from left	2	2
Statistical Datatype	LONG TEXT	LONG TEXT
First five observation	['ABS 85 Administration', 'ABS 85 Administration', 'ABS 85 Administration', 'ABS 85 Administrative Services', 'ABS 85 Administrative Services']	['ABS 85 Administration', 'ABS 85 Administration', 'ABS 85 Administration', 'ABS 85 Administrative Services', 'ABS 85 Administrative Services']
Has Unique Observatons	627	627
Unique observation	627	627
Min observation	NULL	NULL
Max observation	NULL	NULL
Mean observation	NULL	NULL
Median observation	NULL	NULL
Standard Deviation	NULL	NULL
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	NULL	NULL
Key Recommendations	[]	[]

GENDERTransition

	clean_data	unclean_data
Min frequency observation	F	F
Max frequency observation	M	M
Data type	object	object
Missing	0	0
Count	10291	10291
Unique Category	2	2
Column location from left	3	3
Statistical Datatype	CATEGORICAL INTEGER	CATEGORICAL INTEGER
First five observation	['M', 'M', 'F', 'F', 'F']	['M', 'M', 'F', 'F', 'F']
Has Unique Observatons	2	2
Unique observation	2	2
Min observation	NULL	NULL
Max observation	NULL	NULL
Mean observation	NULL	NULL
Median observation	NULL	NULL
Standard Deviation	NULL	NULL
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	NULL	NULL
Key Recommendations	[]	[]

BASE_SALARYTransition

	clean_data	unclean_data
Min frequency observation	37396.5738	37396.5738
Max frequency observation	108084.0	108084.0
Data type	float64	float64
Missing	0	0
Count	10291	10291
Unique Category	3470	3470
Column location from left	4	4
Statistical Datatype	CONTINOUS INTEGER	CONTINOUS INTEGER
First five observation	[175873.0, 145613.36, 136970.0, 89432.694, 78947.0]	[175873.0, 145613.36, 136970.0, 89432.694, 78947.0]
Has Unique Observatons	3470	3470
Unique observation	3470	3470
Min observation	11147.24	11147.24
Max observation	292000.0	292000.0
Mean observation	90312.16574420367	90312.16574420367
Median observation	87328.0	87328.0
Standard Deviation	31239.325019680084	31239.325019680084
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	108	108
Key Recommendations	[]	[]

OVERTIME_PAYTransition

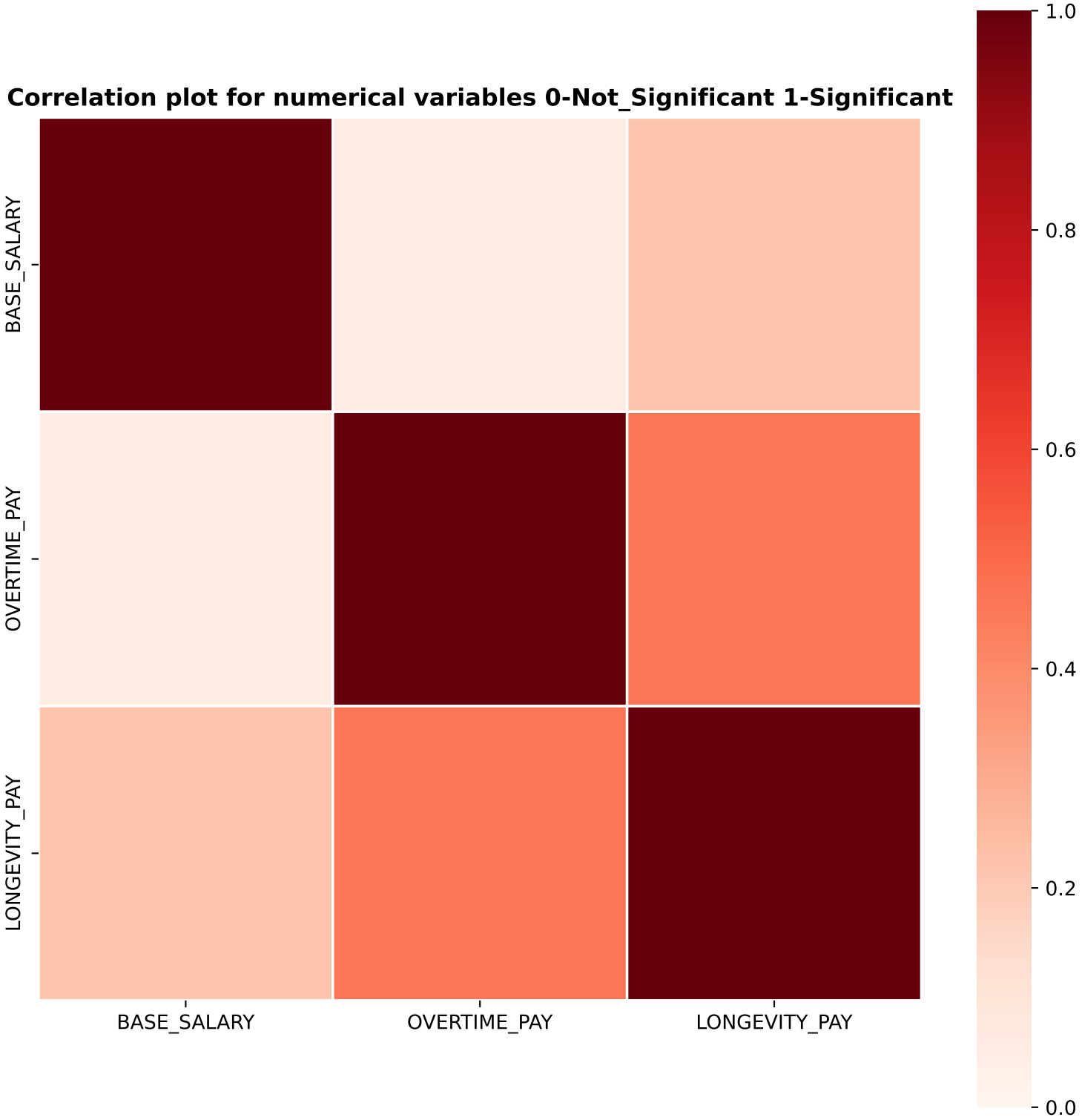
	clean_data	unclean_data
Min frequency observation	878.67	878.67
Max frequency observation	0.0	0.0
Data type	float64	float64
Missing	0	0
Count	10291	10291
Unique Category	5566	5566
Column location from left	5	5
Statistical Datatype	CONTINOUS INTEGER	CONTINOUS INTEGER
First five observation	[0.0, 0.0, 0.0, 0.0, 456.68]	[0.0, 0.0, 0.0, 0.0, 456.68]
Has Unique Observatons	5566	5566
Unique observation	5566	5566
Min observation	0.0	0.0
Max observation	227428.99	227428.99
Mean observation	8081.288954426197	8081.288954426197
Median observation	258.42	258.42
Standard Deviation	16491.031723050666	16491.031723050666
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	235	235
Key Recommendations	[]	[]

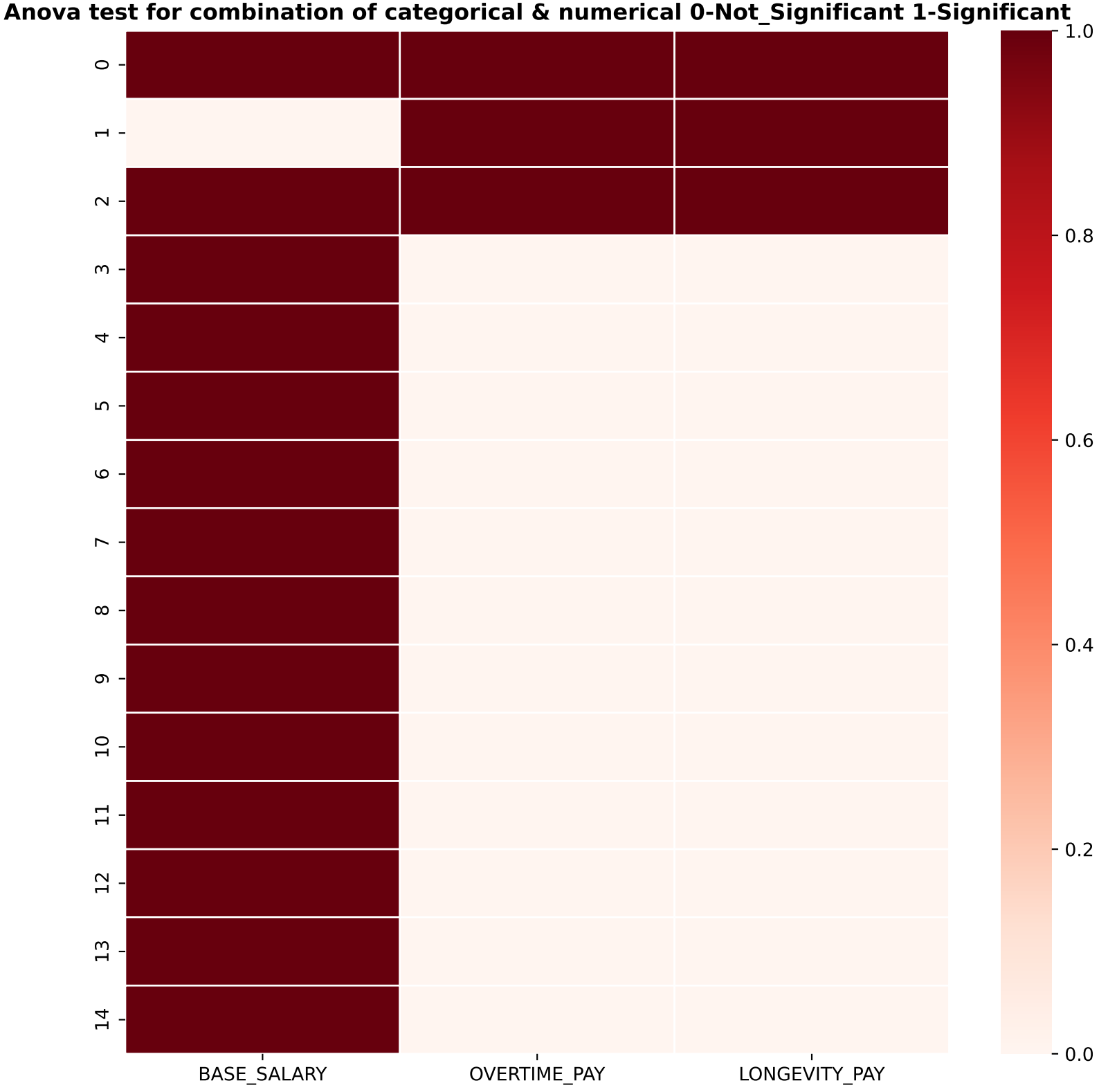
LONGEVITY_PAYTransition

	clean_data	unclean_data
Min frequency observation	2536.95	2536.95
Max frequency observation	0.0	0.0
Data type	float64	float64
Missing	0	0
Count	10291	10291
Unique Category	1113	1113
Column location from left	6	6
Statistical Datatype	CONTINOUS INTEGER	CONTINOUS INTEGER
First five observation	[0.0, 0.0, 0.0, 2490.0, 6257.7]	[0.0, 0.0, 0.0, 2490.0, 6257.7]
Has Unique Observatons	1113	1113
Unique observation	1113	1113
Min observation	0.0	0.0
Max observation	20279.46	20279.46
Mean observation	1533.882816052862	1533.882816052862
Median observation	0.0	0.0
Standard Deviation	3208.8851514643798	3208.8851514643798
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	416	416
Key Recommendations	[]	[]

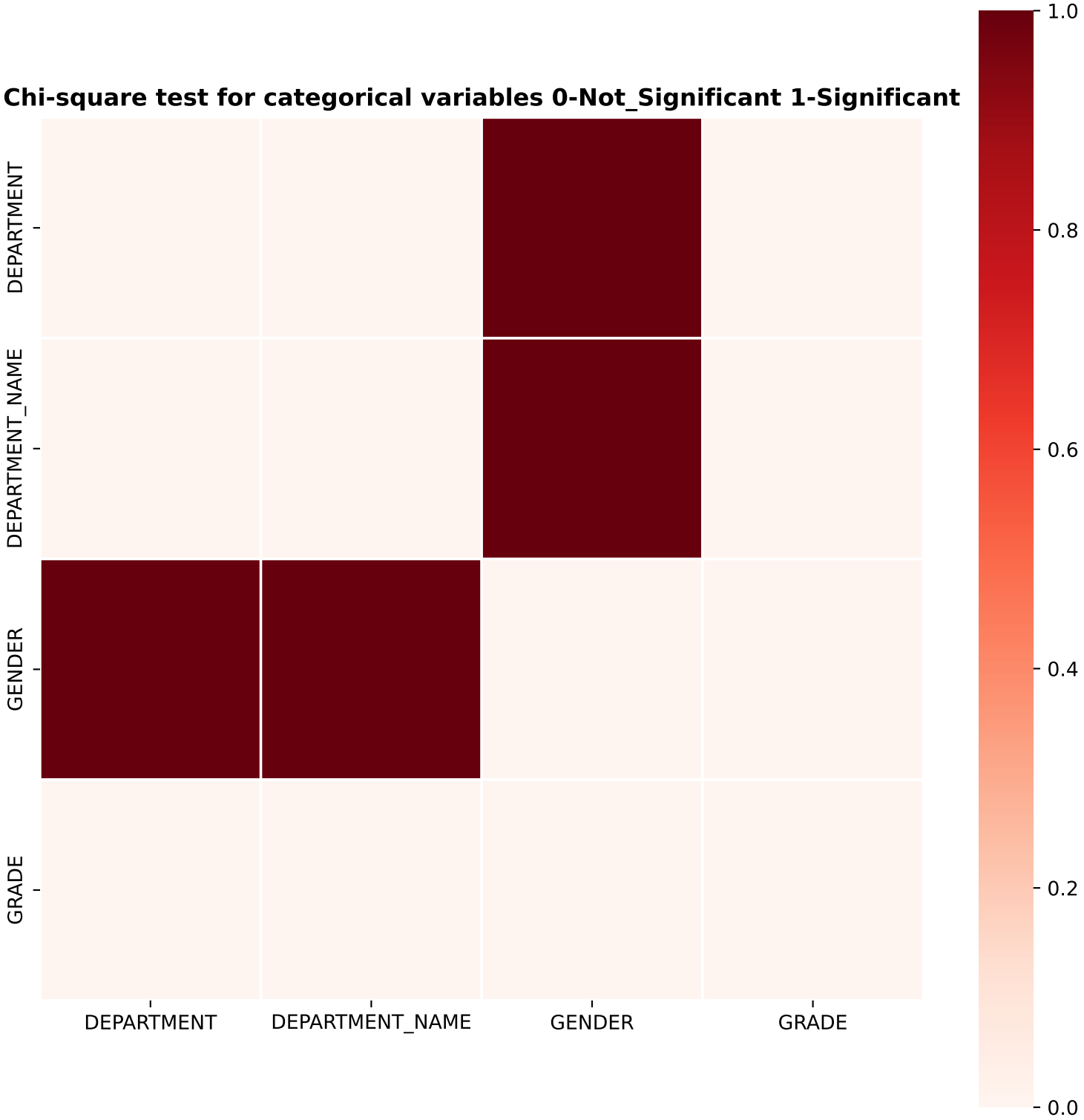
GRADETransition

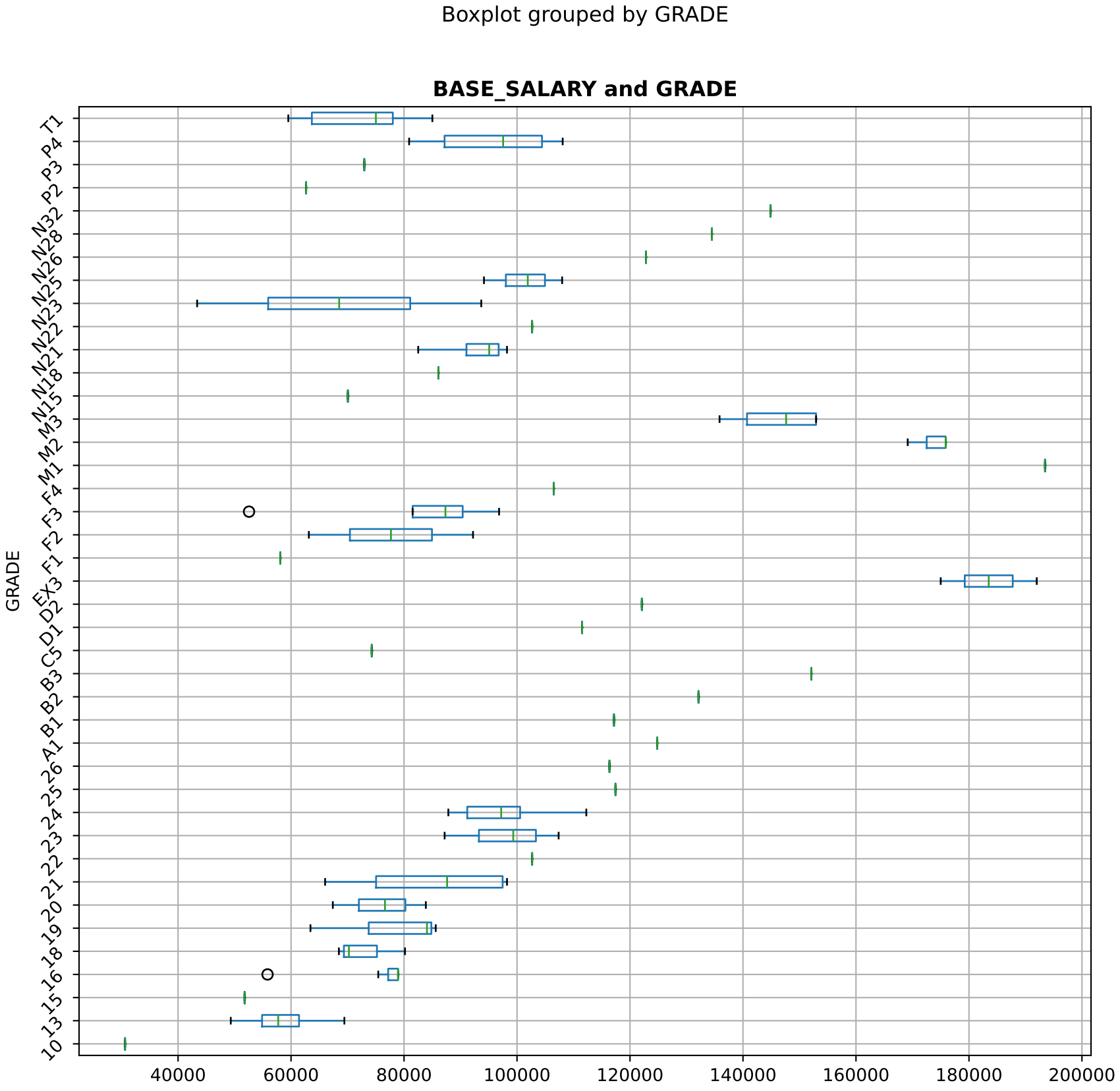
	clean_data	unclean_data
Min frequency observation	D4	D4
Max frequency observation	T1	T1
Data type	object	object
Missing	33	33
Count	10258	10258
Unique Category	98	98
Column location from left	7	7
Statistical Datatype	CATEGORICAL INTEGER	CATEGORICAL INTEGER
First five observation	['M2', 'M3', 'M3', '21', '16']	['M2', 'M3', 'M3', '21', '16']
Has Unique Observatons	98	98
Unique observation	98	98
Min observation	NULL	NULL
Max observation	NULL	NULL
Mean observation	NULL	NULL
Median observation	NULL	NULL
Standard Deviation	NULL	NULL
Min Precision	NULL	NULL
Max Precision	NULL	NULL
Recommended Precision	NULL	NULL
No of Outliers	NULL	NULL
Key Recommendations	[]	[]

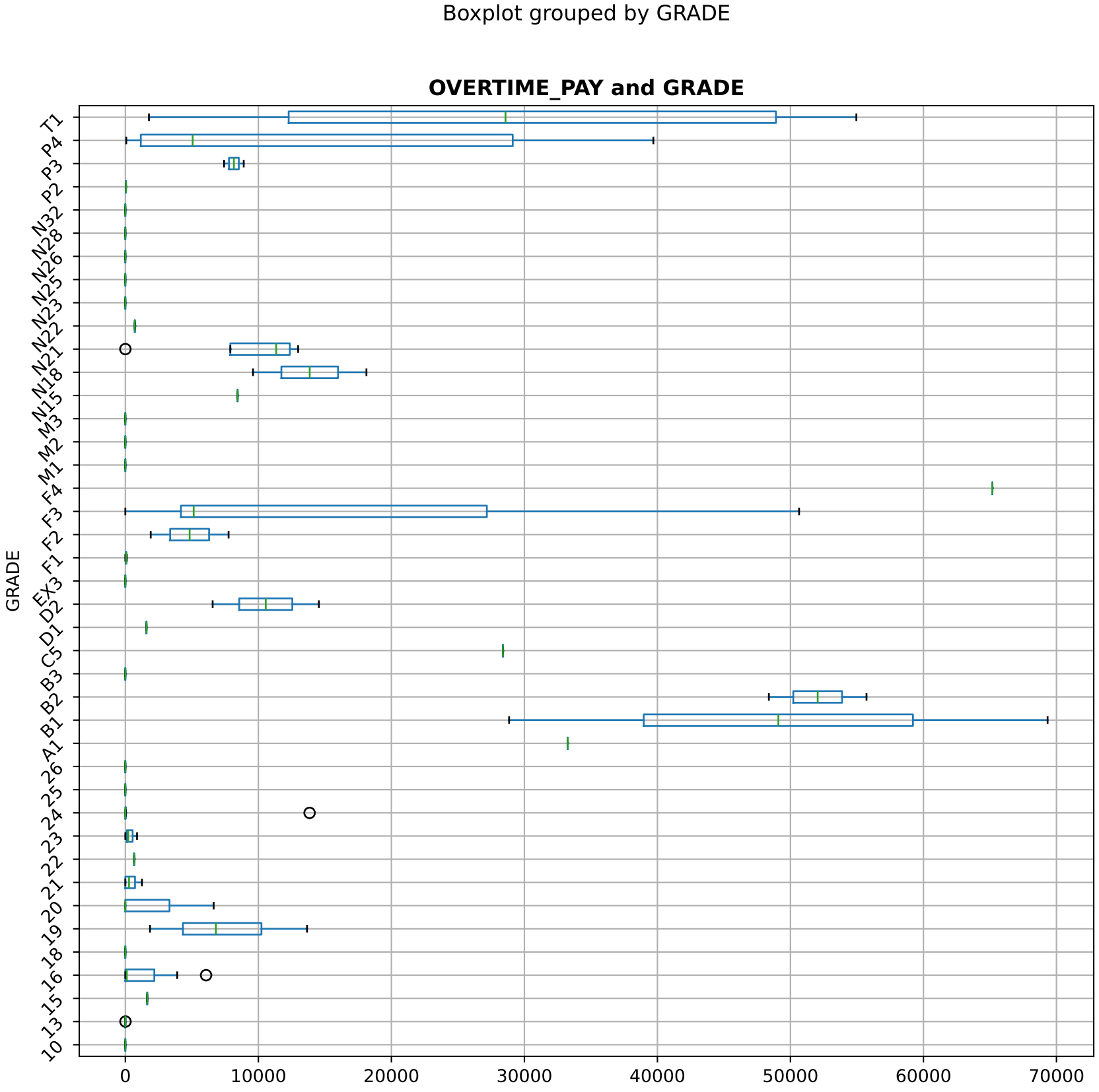

Correlation plot for numerical variables 0-Not_Significant 1-Significant
BASE_SALARY
OVERTIME_PAY
LONGEVITY_PAY
BASE_SALARY
OVERTIME_PAY
LONGEVITY_PAY
1.0
0.8
0.6
0.4
0.2
0.0


Anova test for combination of categorical & numerical 0-Not_Significant 1-Significant
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
BASE_SALARY
OVERTIME_PAY
LONGEVITY_PAY
1.0
0.8
0.6
0.4
0.2
0.0

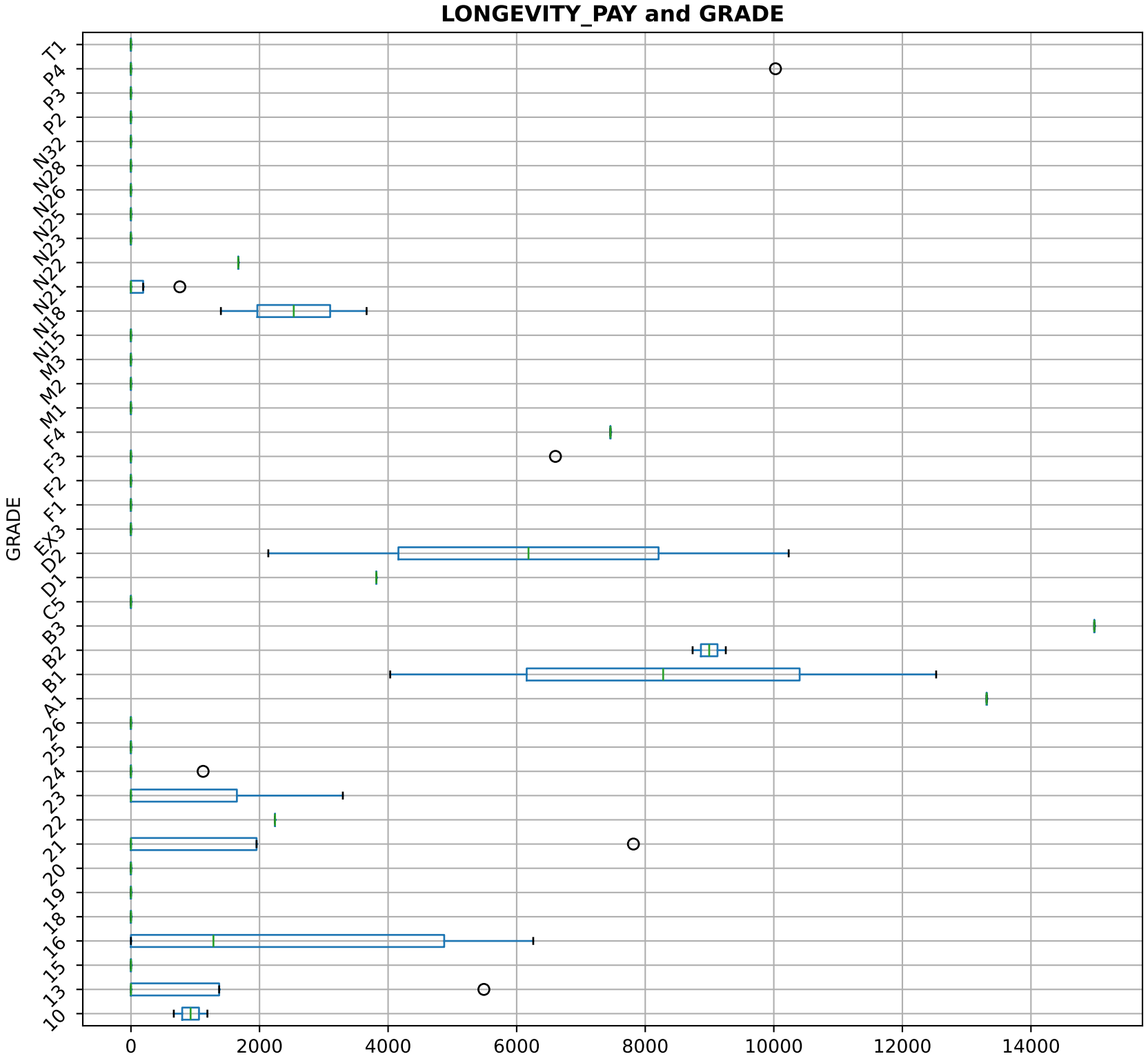
Categorical_combination	row_num
['GRADE']	0
['GENDER']	1
['GENDER', 'GRADE']	2
['DEPARTMENT_NAME']	3
['DEPARTMENT_NAME', 'GRADE']	4
['DEPARTMENT_NAME', 'GENDER']	5
['DEPARTMENT_NAME', 'GENDER', 'GRADE']	6
['DEPARTMENT']	7
['DEPARTMENT', 'GRADE']	8
['DEPARTMENT', 'GENDER']	9
['DEPARTMENT', 'GENDER', 'GRADE']	10
['DEPARTMENT', 'DEPARTMENT_NAME']	11
['DEPARTMENT', 'DEPARTMENT_NAME', 'GRADE']	12
['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER']	13
['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER', 'GRADE']	14

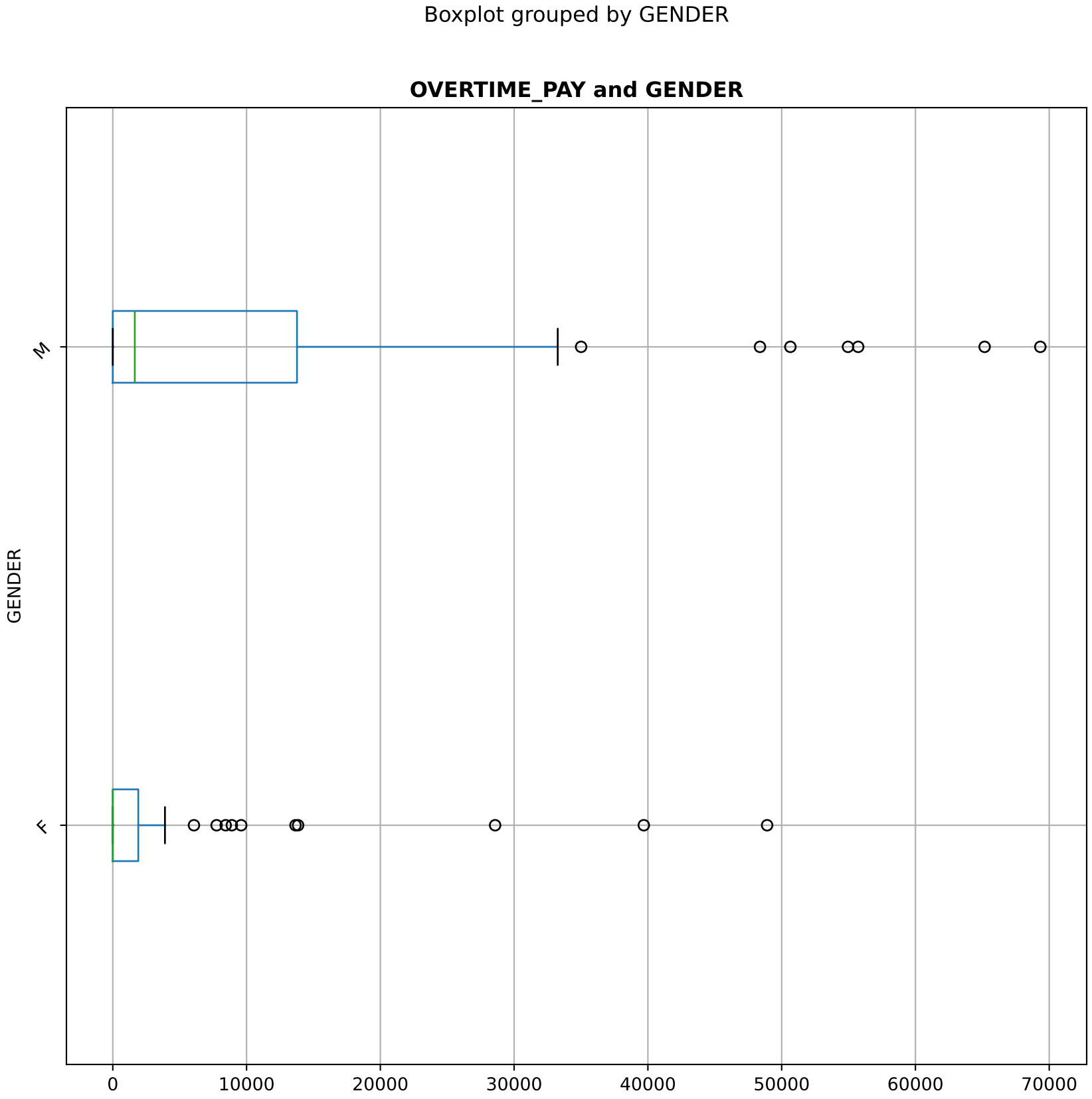

Chi-square test for categorical variables 0-Not_Significant 1-Significant
DEPARTMENT
DEPARTMENT_NAME
GENDER
GRADE
DEPARTMENT
DEPARTMENT_NAME
GENDER
GRADE
1.0
0.8
0.6
0.4
0.2
0.0

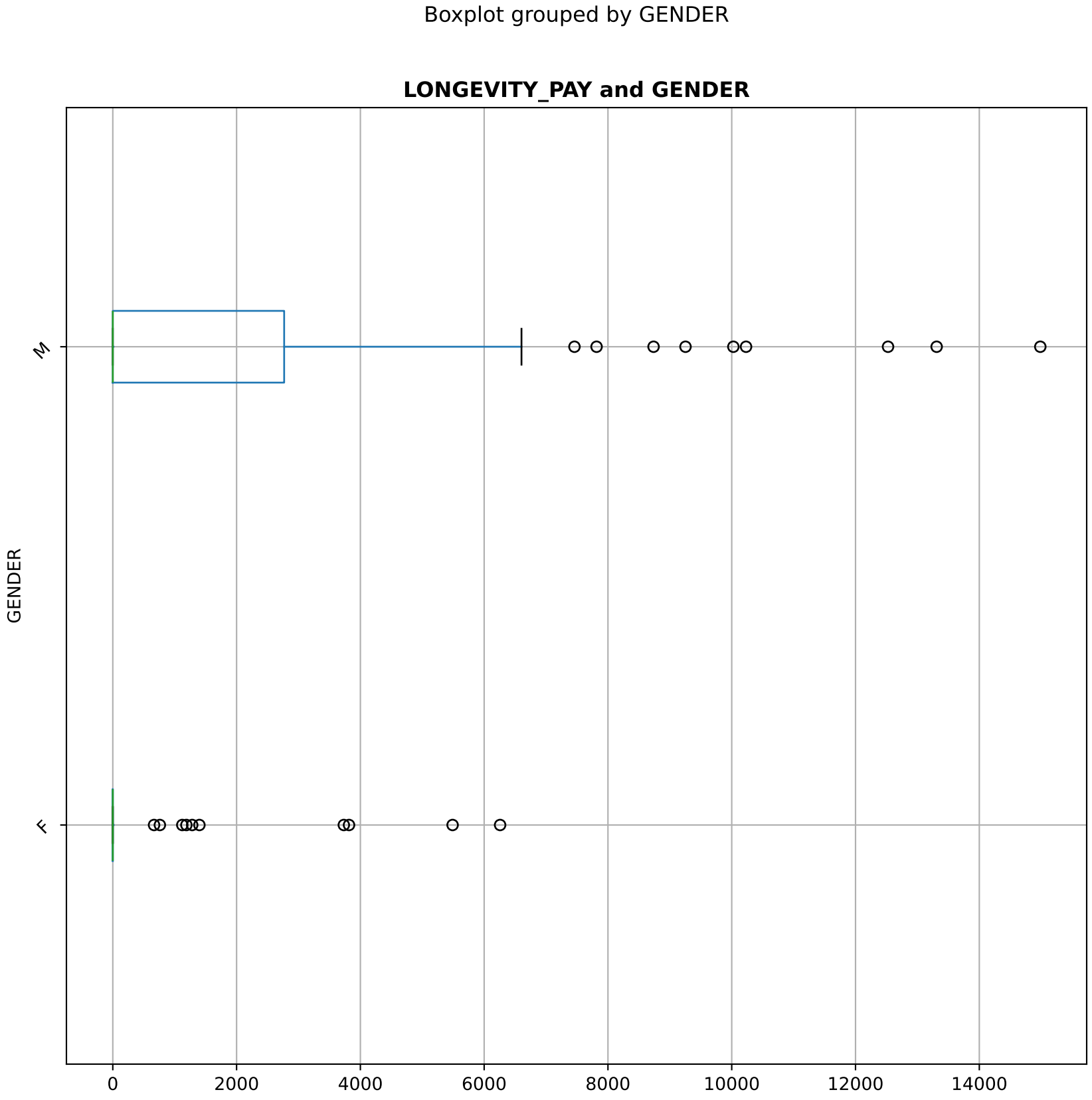

Boxplot grouped by GRADE
BASE_SALARY and GRADE
GRADE
T1
P4
P3
P2
N32
N28
N26
N25
N23
N22
N21
N18
N15
M3
M2
M1
F4
F3
F2
F1
EX3
D2
D1
C5
B3
B2
B1
A1
26
25
24
23
22
21
20
19
18
16
15
13
10
40000
60000
80000
100000
120000
140000
160000
180000
200000

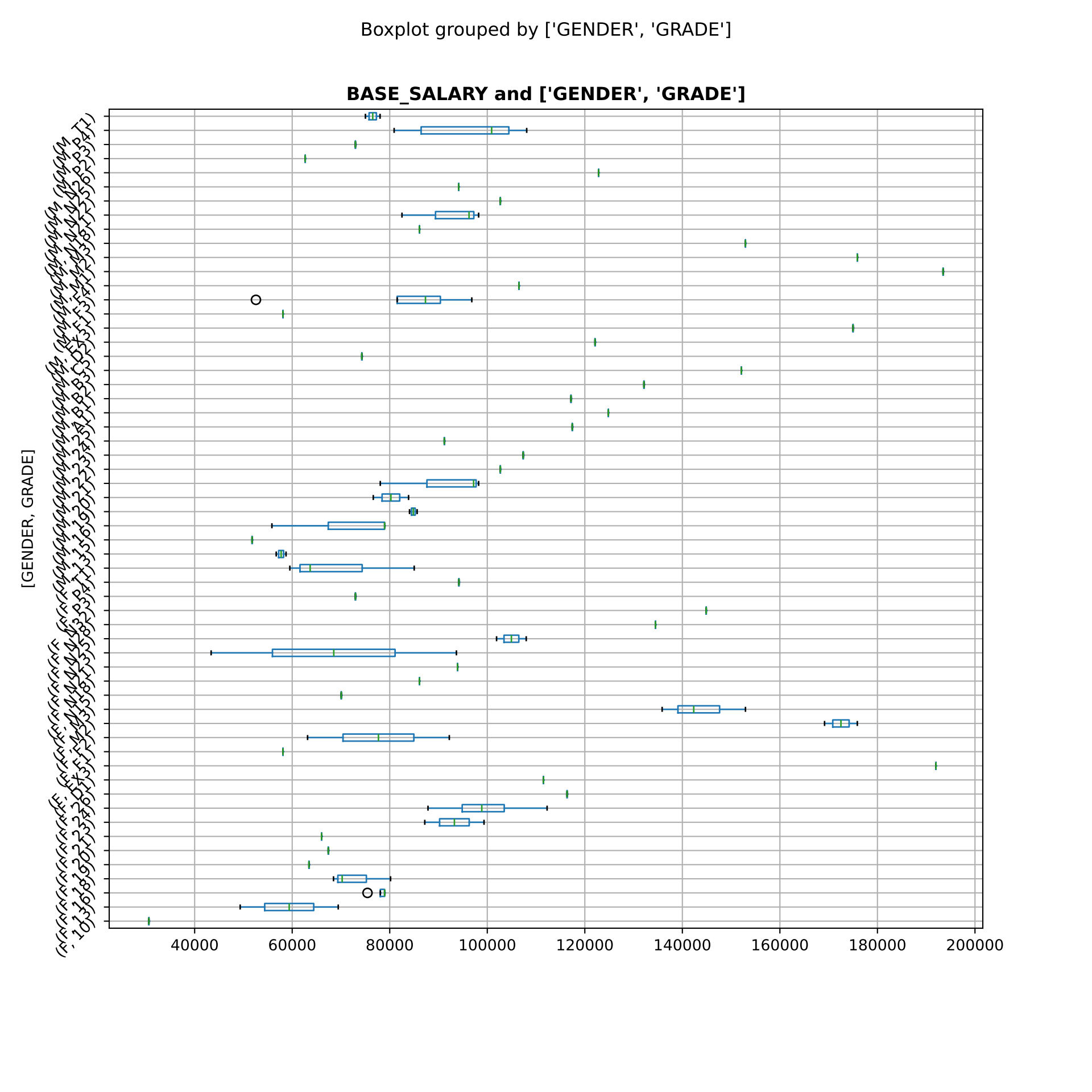

Boxplot grouped by GRADE
OVERTIME_PAY and GRADE
GRADE
T1
P4
P3
P2
N32
N28
N26
N25
N23
N22
N21
N18
N15
M3
M2
M1
F4
F3
F2
F1
EX3
D2
D1
C5
B3
B2
B1
A1
26
25
24
23
22
21
20
19
18
16
15
13
10
0
10000
20000
30000
40000
50000
60000
70000

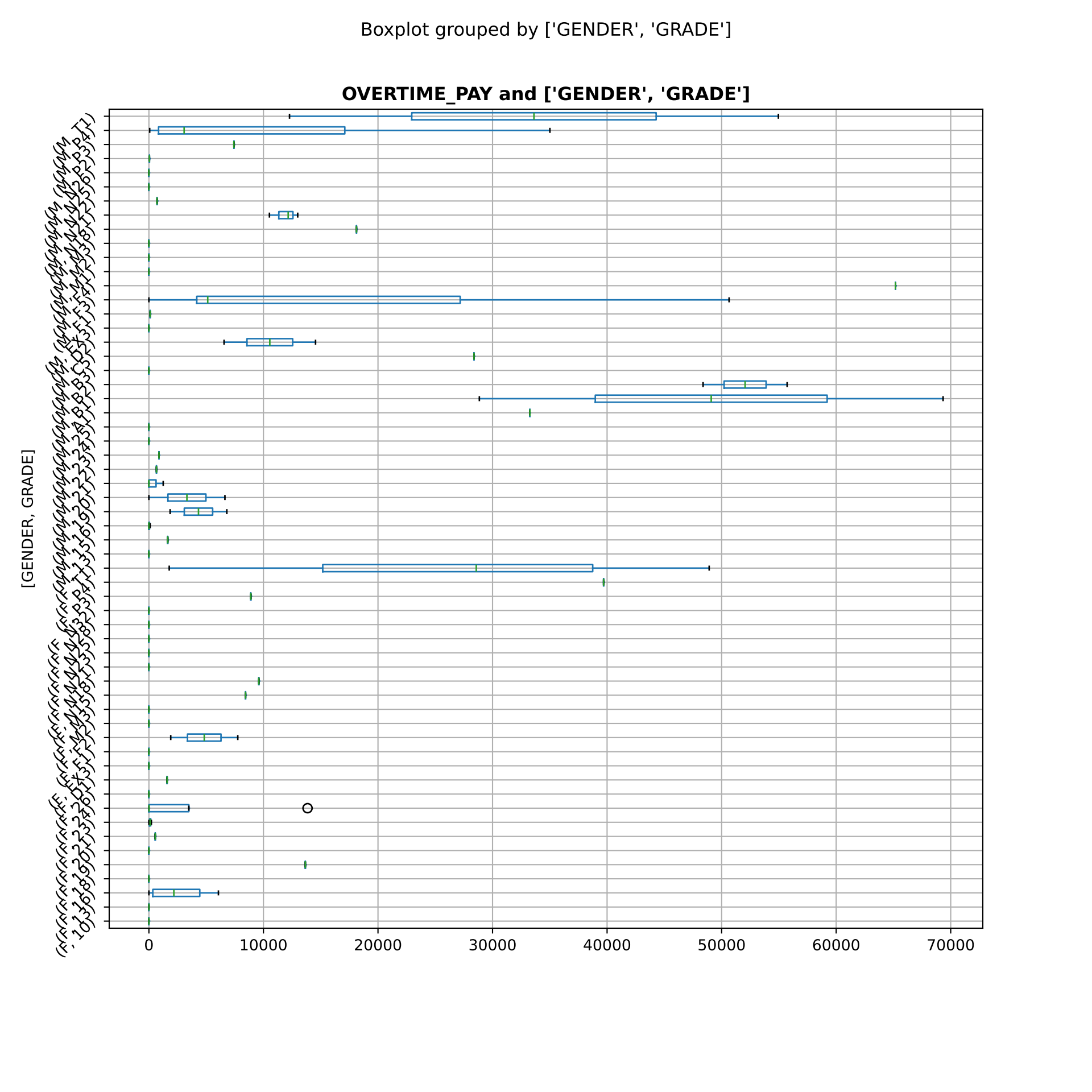
Boxplot grouped by GRADE

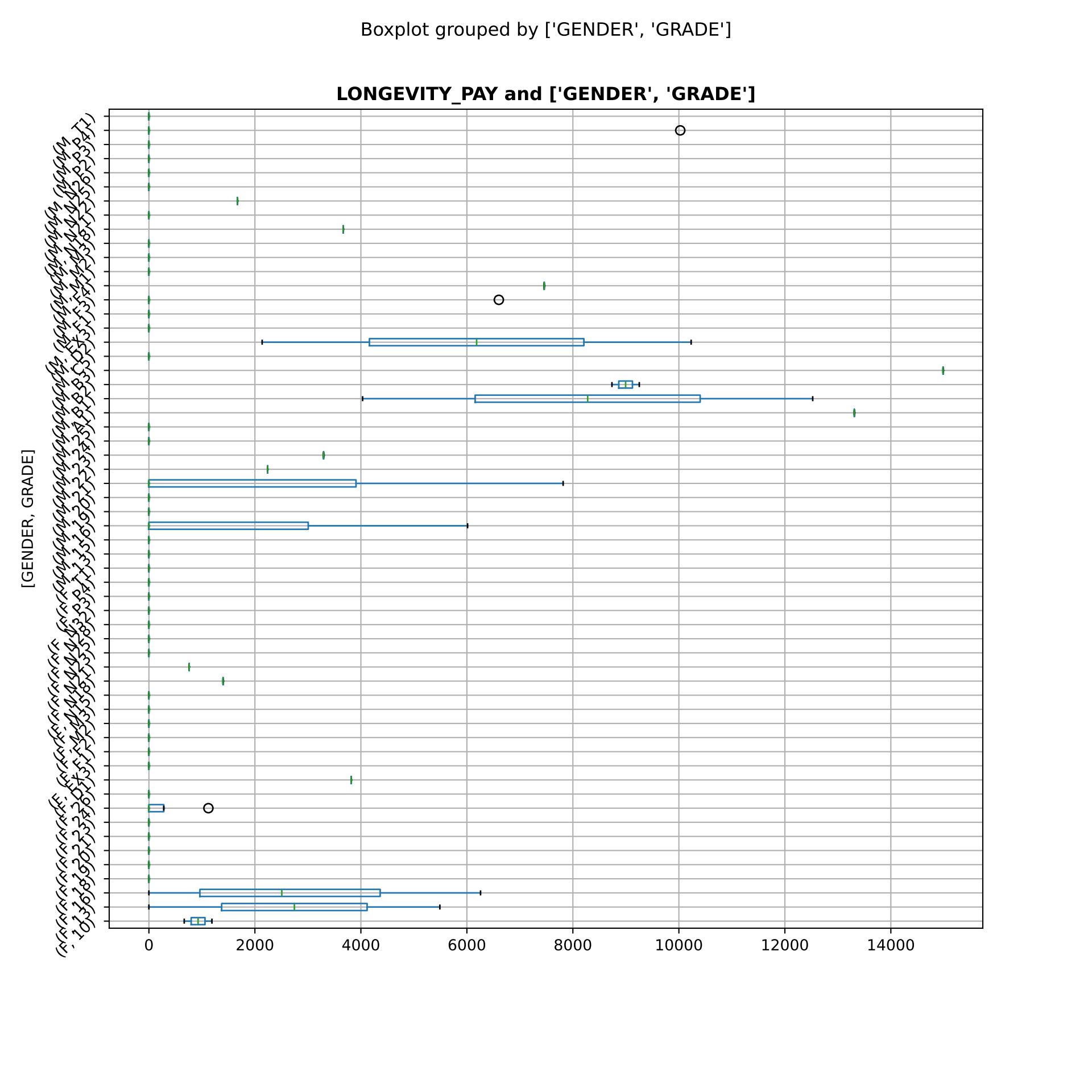


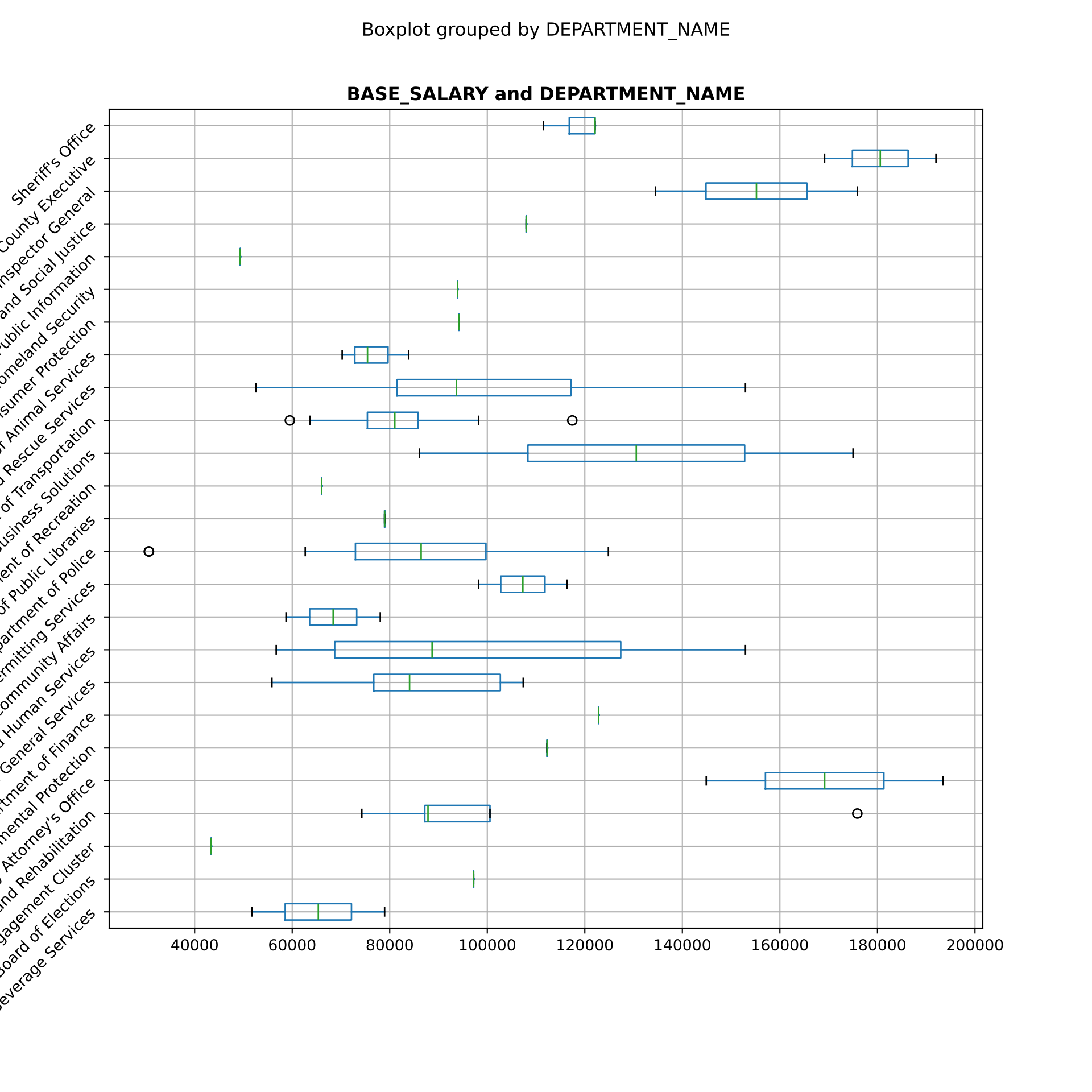

Boxplot grouped by GENDER
OVERTIME_PAY and GENDER
GENDER
M
F
0
10000
20000
30000
40000
50000
60000
70000

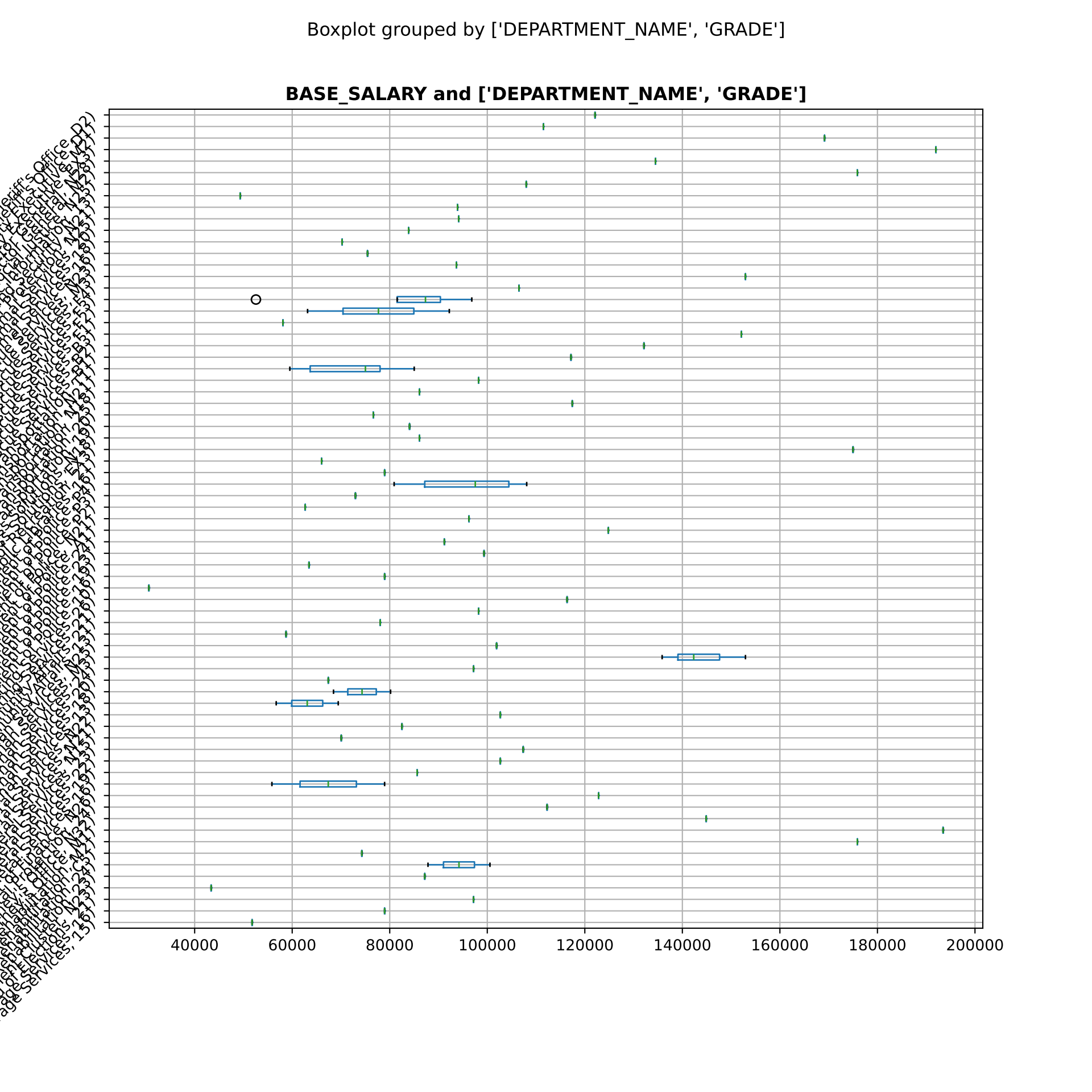

Boxplot grouped by GENDER
LONGEVITY_PAY and GENDER
GENDER
M
F
0
2000
4000
6000
8000
10000
12000
14000

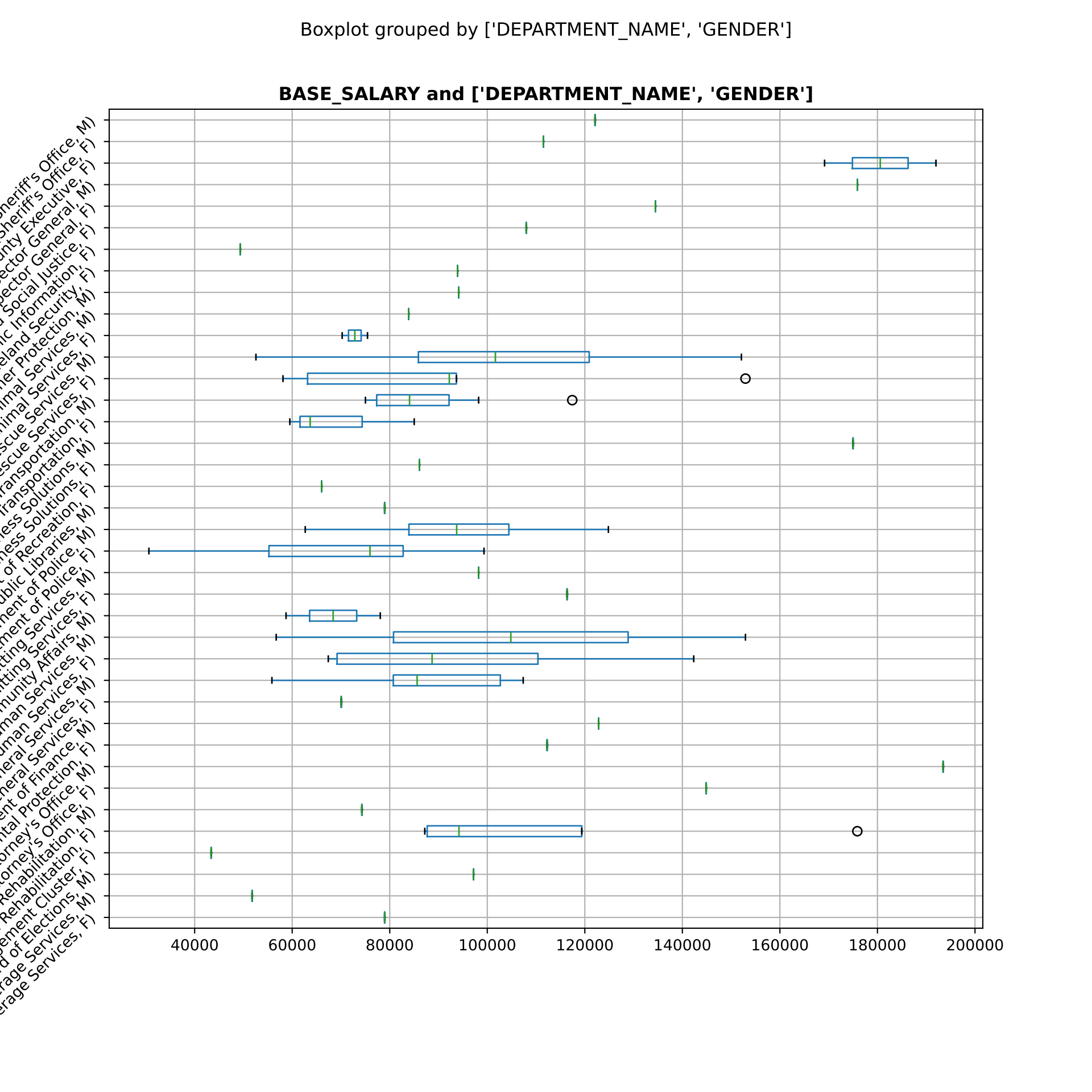

Boxplot grouped by ['GENDER', 'GRADE']
BASE_SALARY and ['GENDER', 'GRADE']
[GENDER, GRADE]
40000
60000
80000
100000
120000
140000
160000
180000
200000


Boxplot grouped by ['GENDER', 'GRADE']
OVERTIME_PAY and ['GENDER', 'GRADE']
[GENDER, GRADE]
0
10000
20000
30000
40000
50000
60000
70000

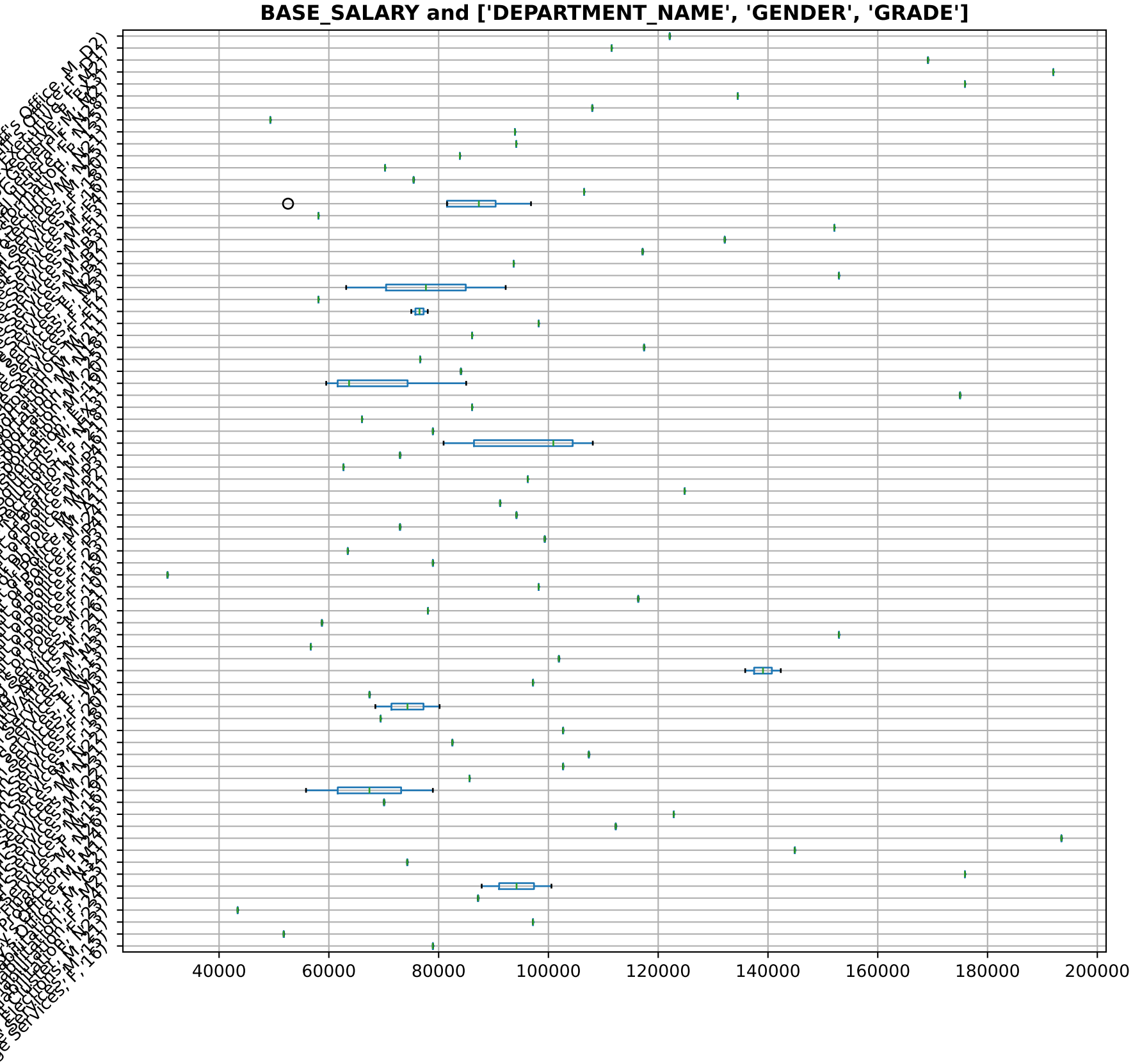

Boxplot grouped by ['GENDER', 'GRADE']
LONGEVITY_PAY and ['GENDER', 'GRADE']
[GENDER, GRADE]
0
2000
4000
6000
8000
10000
12000
14000

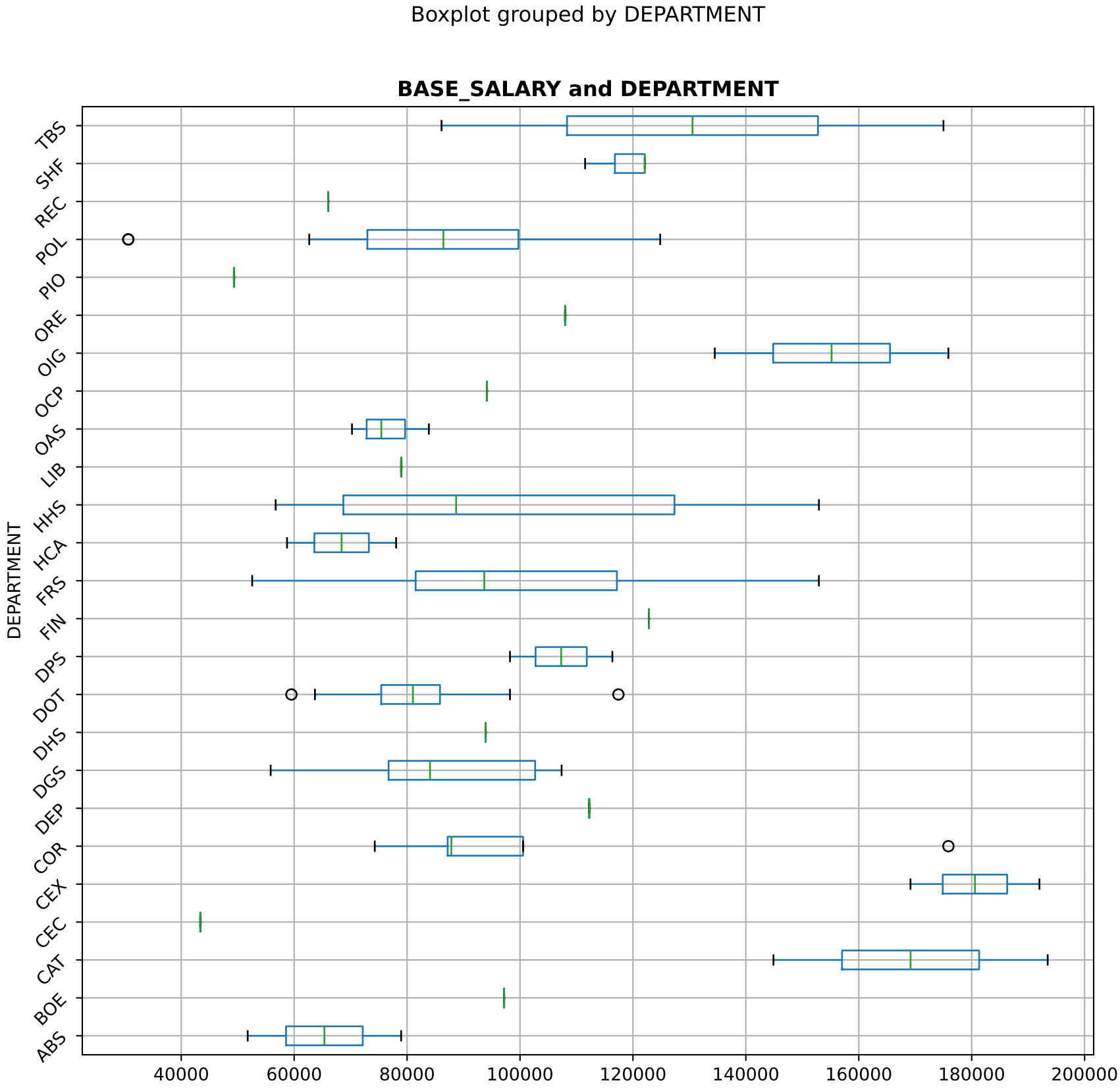

Boxplot grouped by DEPARTMENT_NAME
BASE_SALARY and DEPARTMENT_NAME
Sheriff's Office
County Executive
Inspector General
and Social Justice
Public Information
omeland Security
sumer Protection
r Animal Services
d Rescue Services
of Transportation
usiness Solutions
ent of Recreation
of Public Libraries
of Police
partment of Services
rmitting Services
ommunity Affairs
d Human Services
General Services
rtment of Finance
mental Protection
Attorney's Office
nd Rehabilitation
gement Cluster
Board of Elections
everage Services
40000
60000
80000
100000
120000
140000
160000
180000
200000

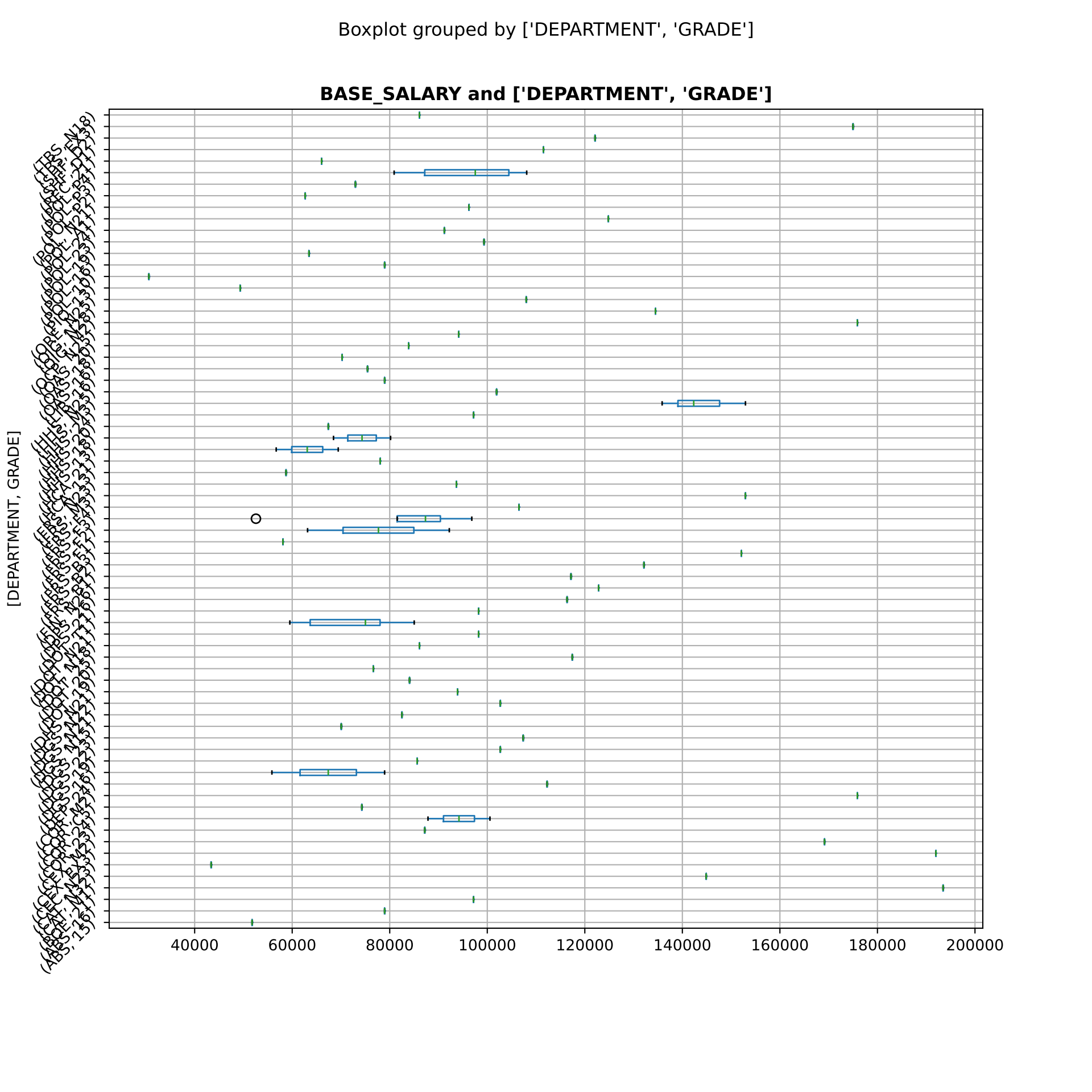

Boxplot grouped by ['DEPARTMENT_NAME', 'GRADE']
BASE_SALARY and ['DEPARTMENT_NAME', 'GRADE']
40000
60000
80000
100000
120000
140000
160000
180000
200000

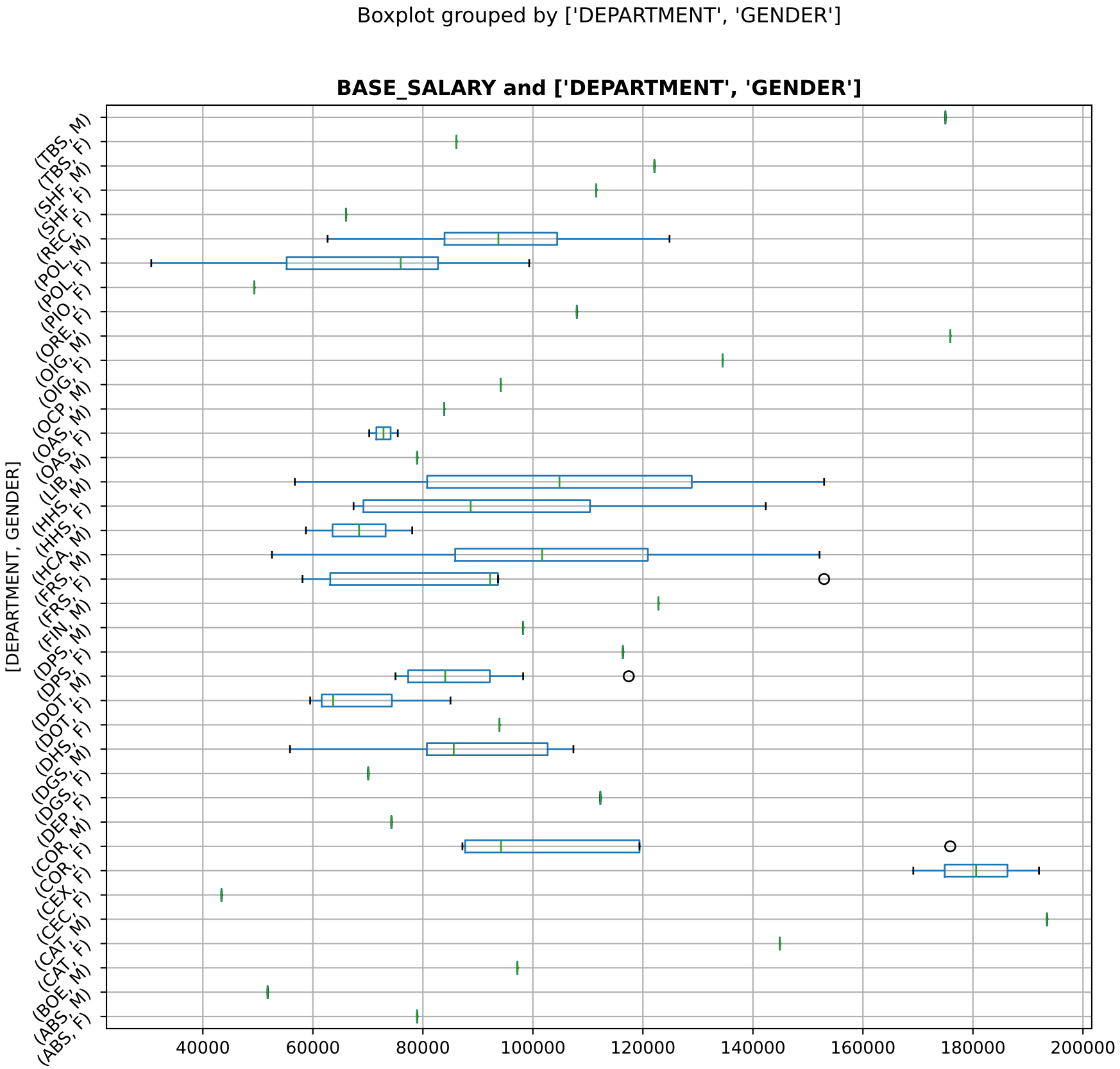

Boxplot grouped by ['DEPARTMENT_NAME', 'GENDER']
BASE_SALARY and ['DEPARTMENT_NAME', 'GENDER']
Sheriff's Office, M)
Sheriff's Office, F)
County Executive, F)
Inspector General, M)
Inspector General, F)
Social Justice, F)
Public Information, F)
Homeland Security, M)
Water Protection, M)
Animal Services, F)
Animal Services, M)
Rescue Services, F)
Rescue Services, M)
Transportation, F)
Transportation, M)
Business Solutions, F)
Business Solutions, F)
Dept of Recreation, M)
Public Libraries, M)
Department of Police, F)
Department of Police, M)
Planning Services, F)
Planning Services, M)
Planning Affairs, M)
Community Services, F)
Human Services, M)
Human Services, F)
General Services, M)
General Services, F)
Dept of Finance, F)
Dept of Finance, M)
Dental Protection, M)
Attorney's Office, F)
Attorney's Office, M)
Rehabilitation, F)
Rehabilitation, M)
Department Cluster, F)
Dept of Elections, M)
Dept of Elections, F)
Storage Services, F)
Storage Services, M)
40000
60000
80000
100000
120000
140000
160000
180000
200000

Boxplot grouped by ['DEPARTMENT_NAME', 'GENDER', 'GRADE']

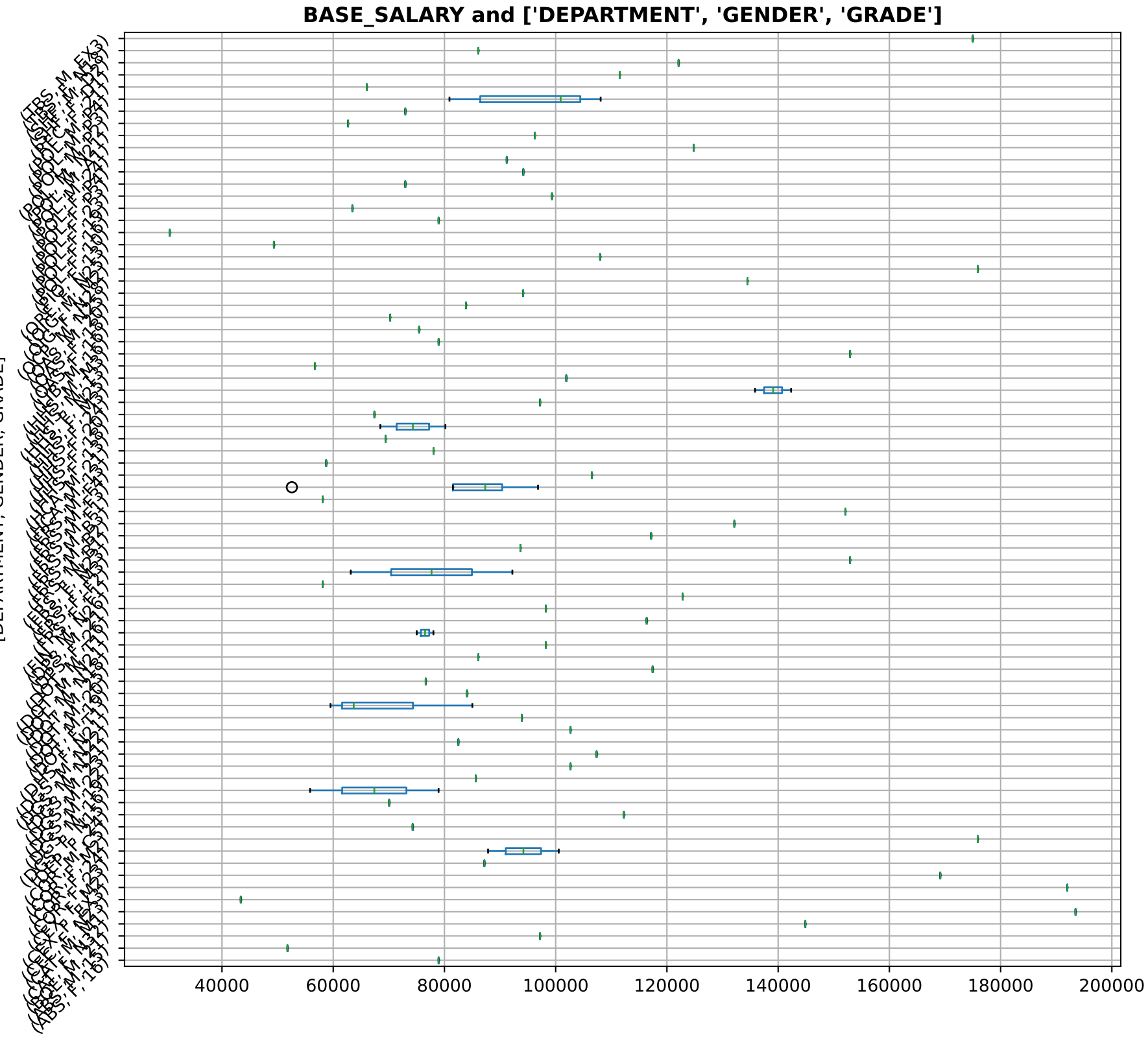


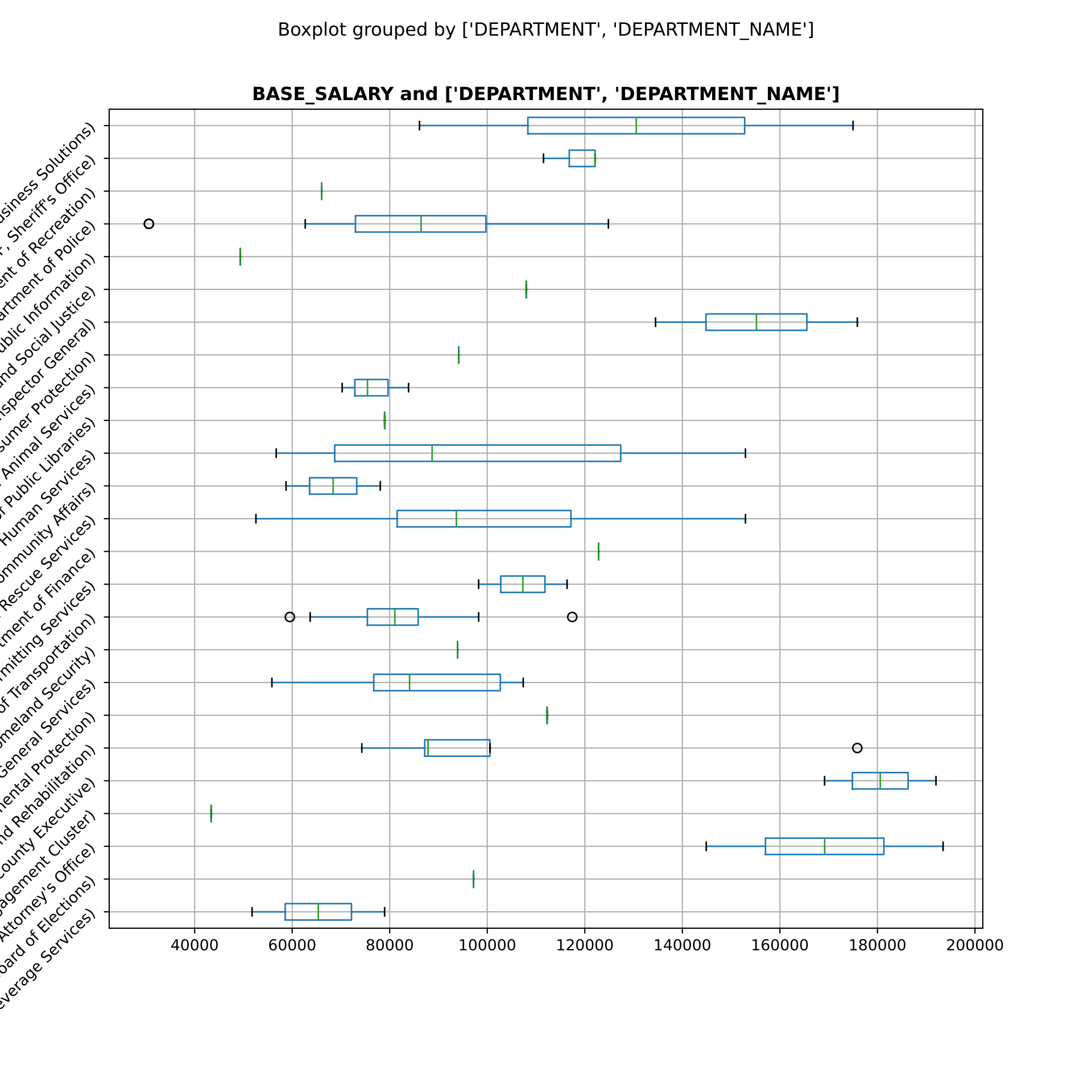

Boxplot grouped by DEPARTMENT
BASE_SALARY and DEPARTMENT
DEPARTMENT
TBS
SHF
REC
POL
PIO
ORE
OIG
OCP
OAS
LIB
HHS
HCA
FRS
FIN
DPS
DOT
DHS
DGS
DEP
COR
CEX
CEC
CAT
BOE
ABS
40000
60000
80000
100000
120000
140000
160000
180000
200000

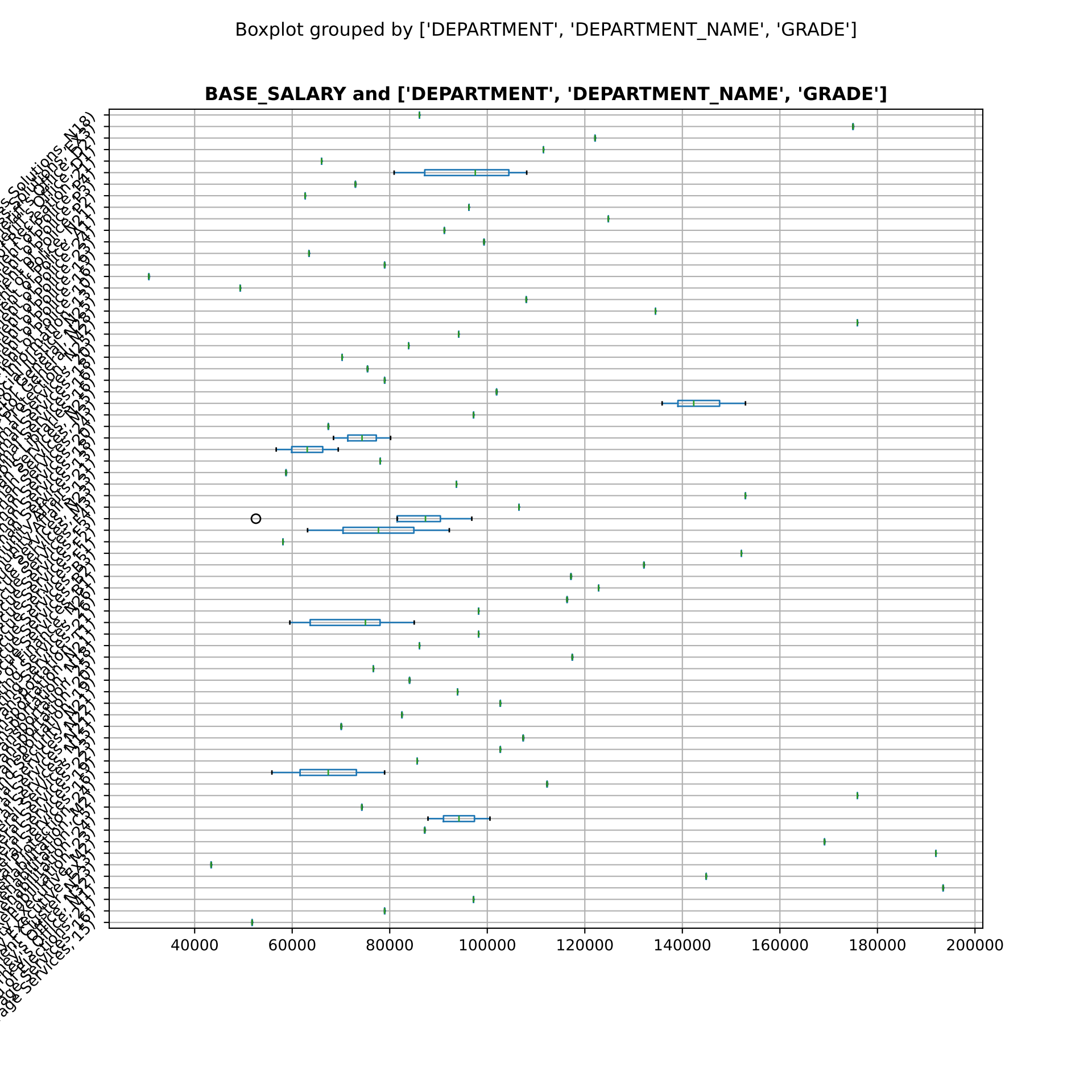

Boxplot grouped by ['DEPARTMENT', 'GRADE']
BASE_SALARY and ['DEPARTMENT', 'GRADE']
[DEPARTMENT, GRADE]
40000
60000
80000
100000
120000
140000
160000
180000
200000

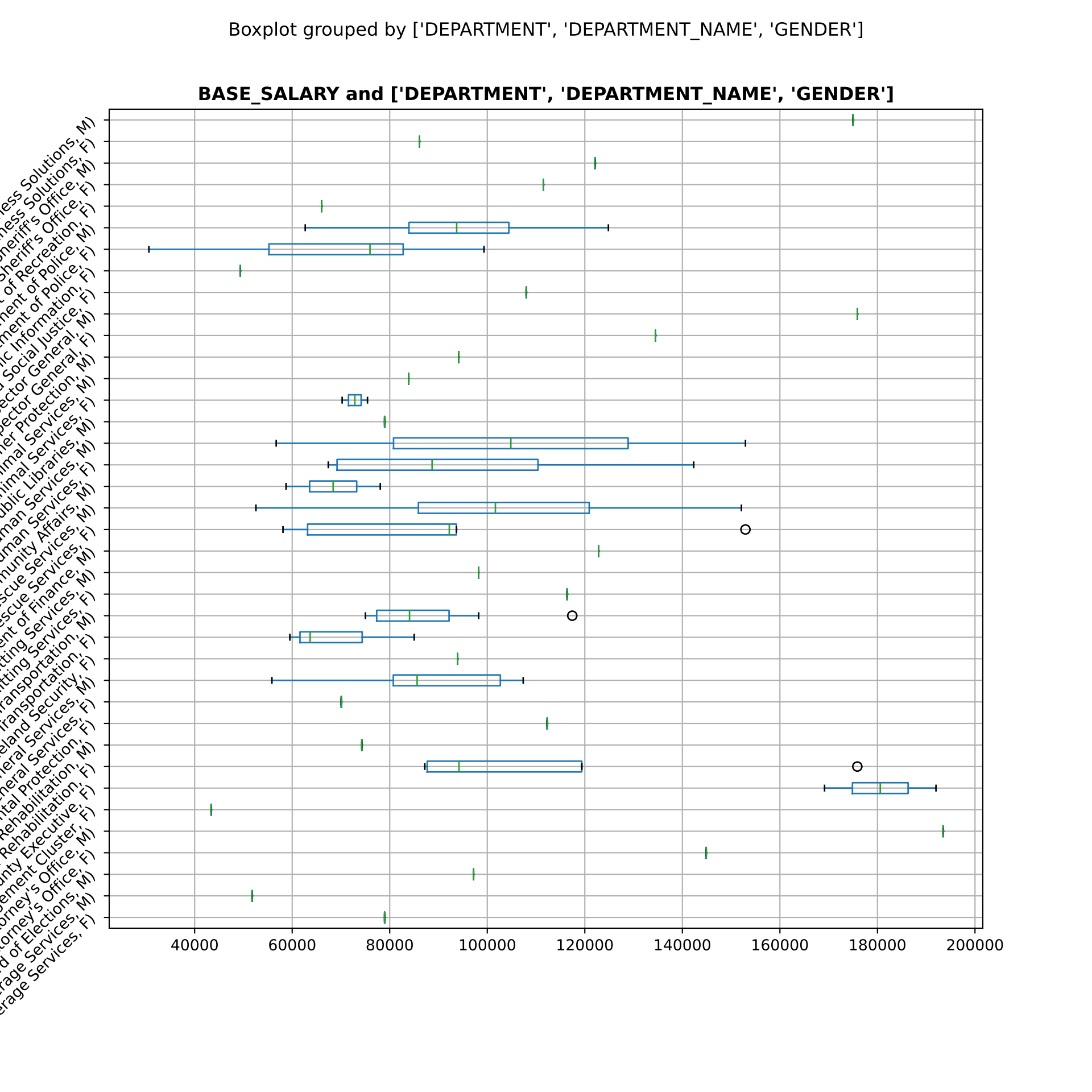

Boxplot grouped by ['DEPARTMENT', 'GENDER']
BASE_SALARY and ['DEPARTMENT', 'GENDER']
[DEPARTMENT, GENDER]
(ABS, F)
(ABS, M)
(BOE, M)
(CAT, F)
(CAT, M)
(CEC, F)
(CEX, F)
(COR, F)
(COR, M)
(DEP, F)
(DGS, F)
(DGS, M)
(DHS, F)
(DOT, F)
(DOT, M)
(DPS, F)
(DPS, M)
(FIN, M)
(FRS, F)
(FRS, M)
(HCA, M)
(HHS, F)
(HHS, M)
(LIB, M)
(OAS, F)
(OAS, M)
(OCP, M)
(OIG, F)
(OIG, M)
(ORE, F)
(PIO, F)
(POL, F)
(POL, M)
(REC, F)
(SHF, F)
(SHF, M)
(TBS, F)
(TBS, M)
40000
60000
80000
100000
120000
140000
160000
180000
200000

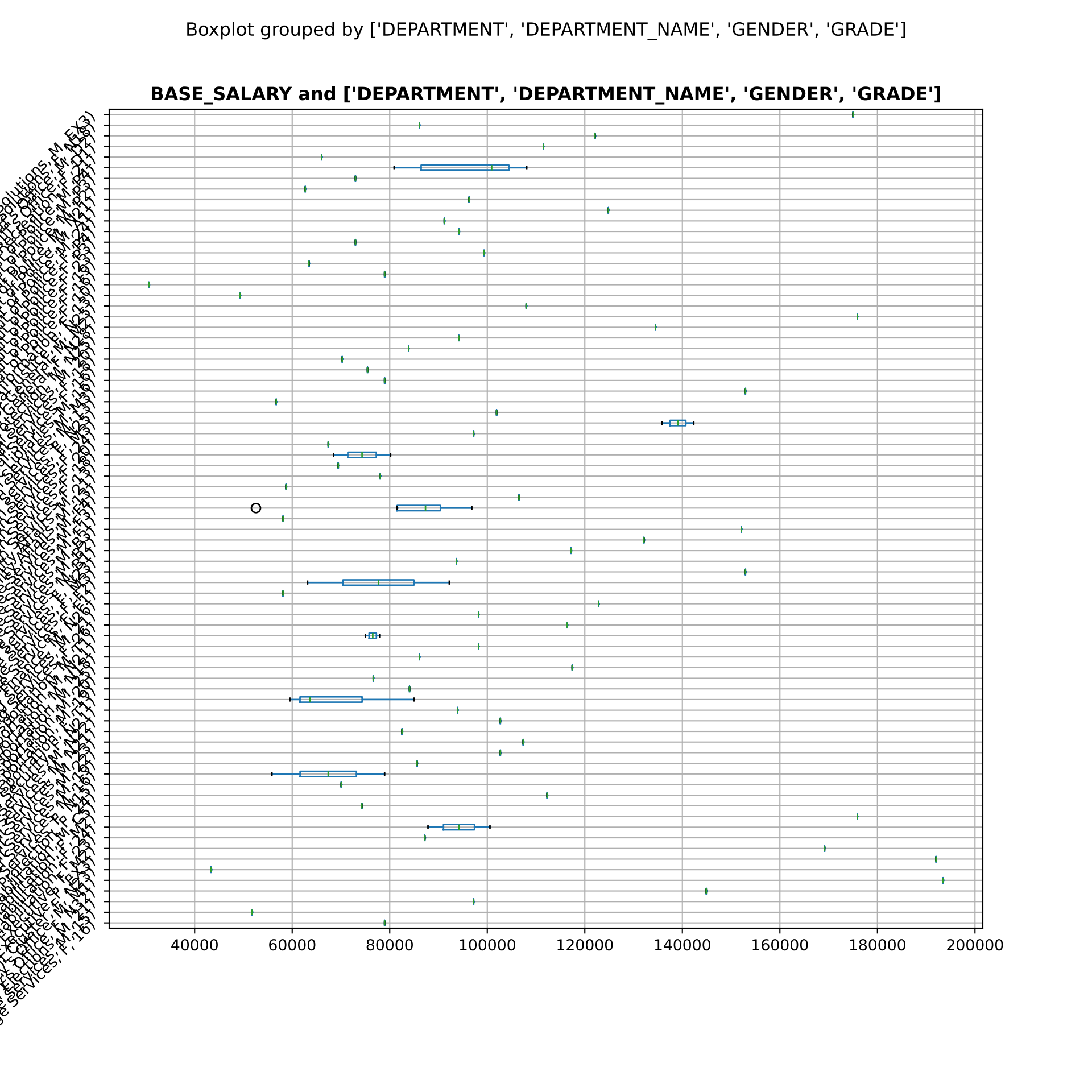
Boxplot grouped by ['DEPARTMENT', 'GENDER', 'GRADE']




Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME']
40000
60000
80000
100000
120000
140000
160000
180000
200000


Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME', 'GRADE']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME', 'GRADE']
40000
60000
80000
100000
120000
140000
160000
180000
200000


Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER']
40000
60000
80000
100000
120000
140000
160000
180000
200000


Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER', 'GRADE']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER', 'GRADE']
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100000
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160000
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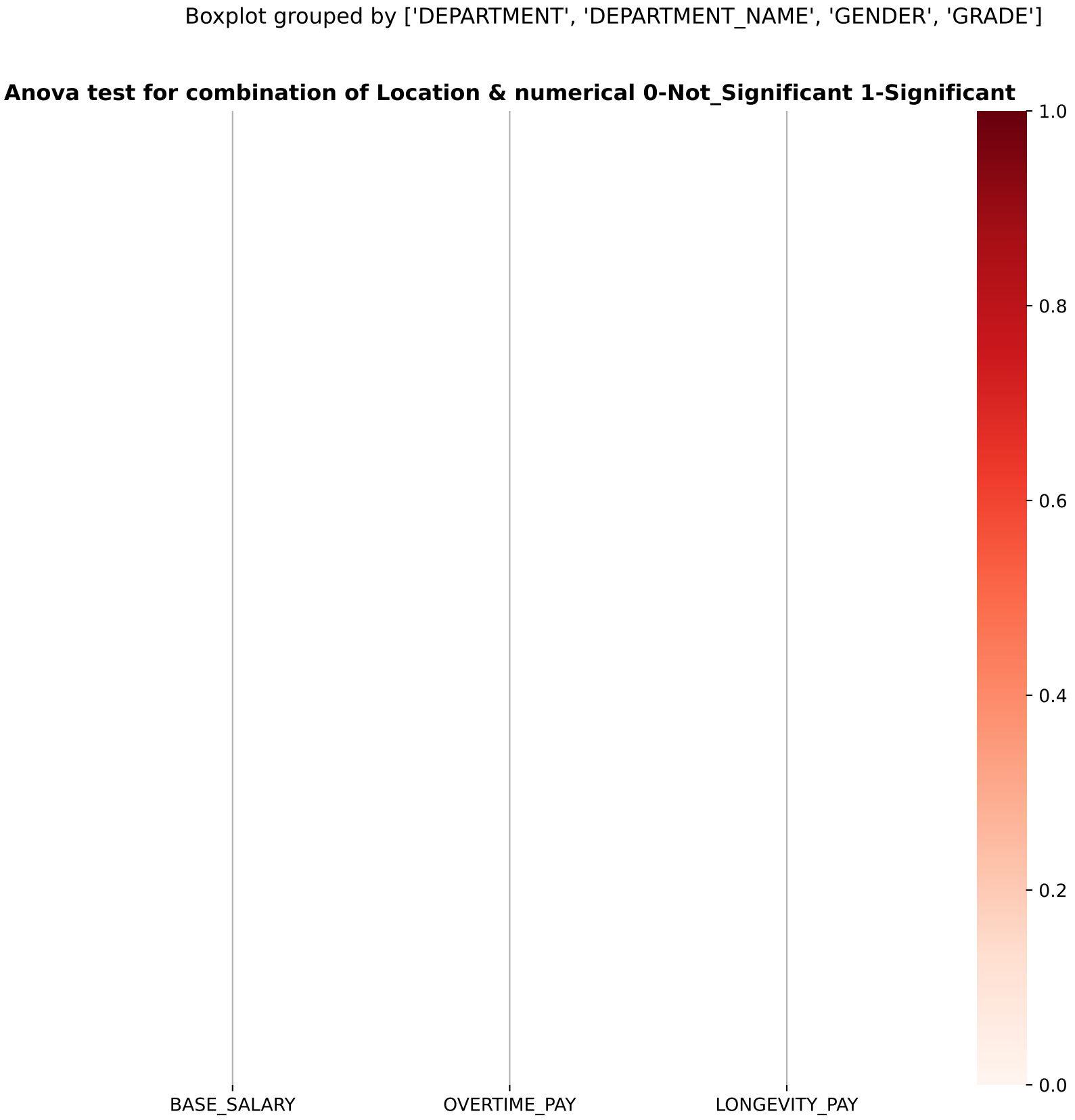
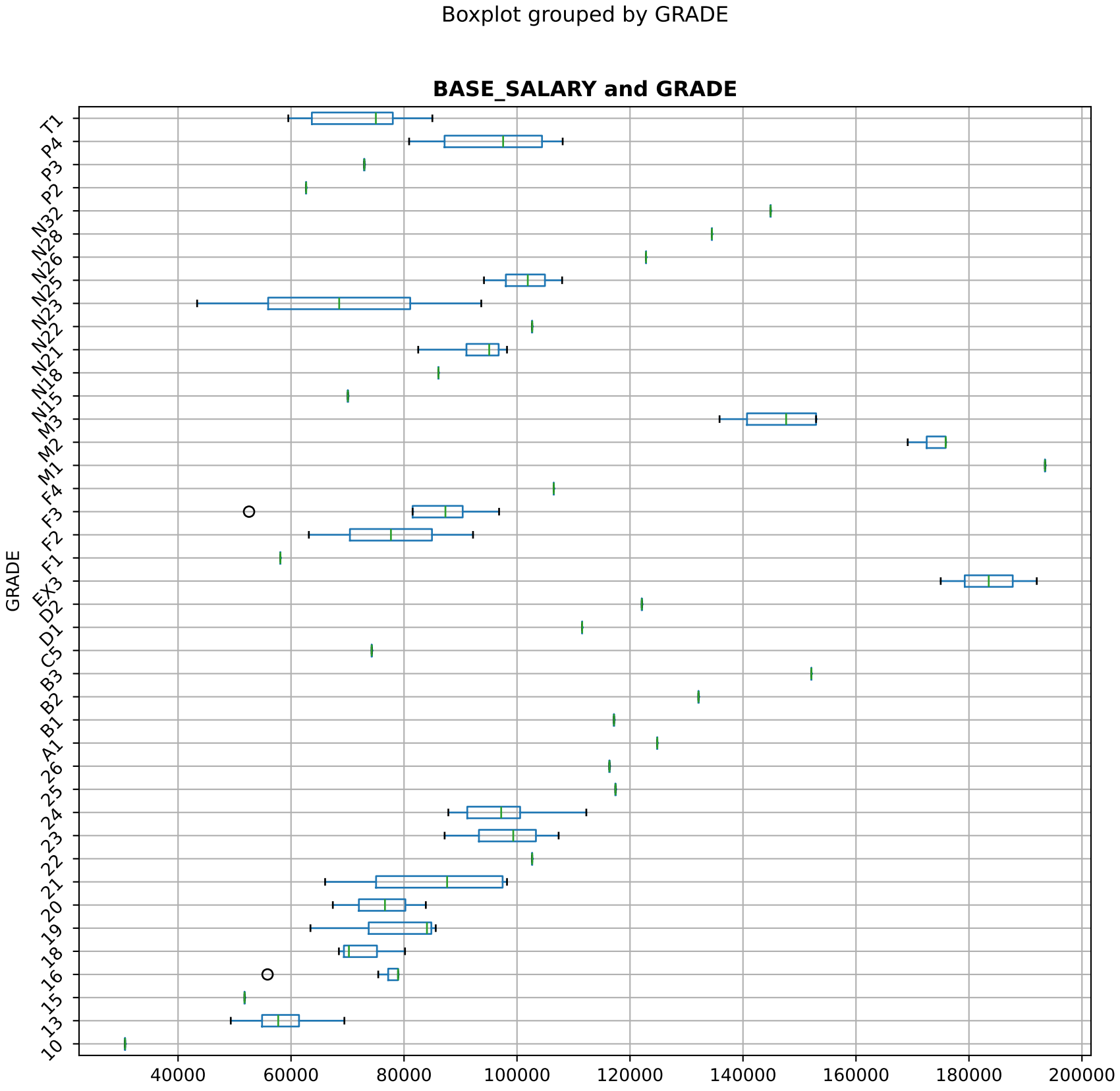

Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER', 'GRADE']
Anova test for combination of Location & numerical 0-Not_Significant 1-Significant
1.0
0.8
0.6
0.4
0.2
0.0
BASE_SALARY
OVERTIME_PAY
LONGEVITY_PAY


Boxplot grouped by GRADE
BASE_SALARY and GRADE
GRADE
T1
P4
P3
P2
N32
N28
N26
N25
N23
N22
N21
N18
N15
M3
M2
M1
F4
F3
F2
F1
EX3
D2
D1
C5
B3
B2
B1
A1
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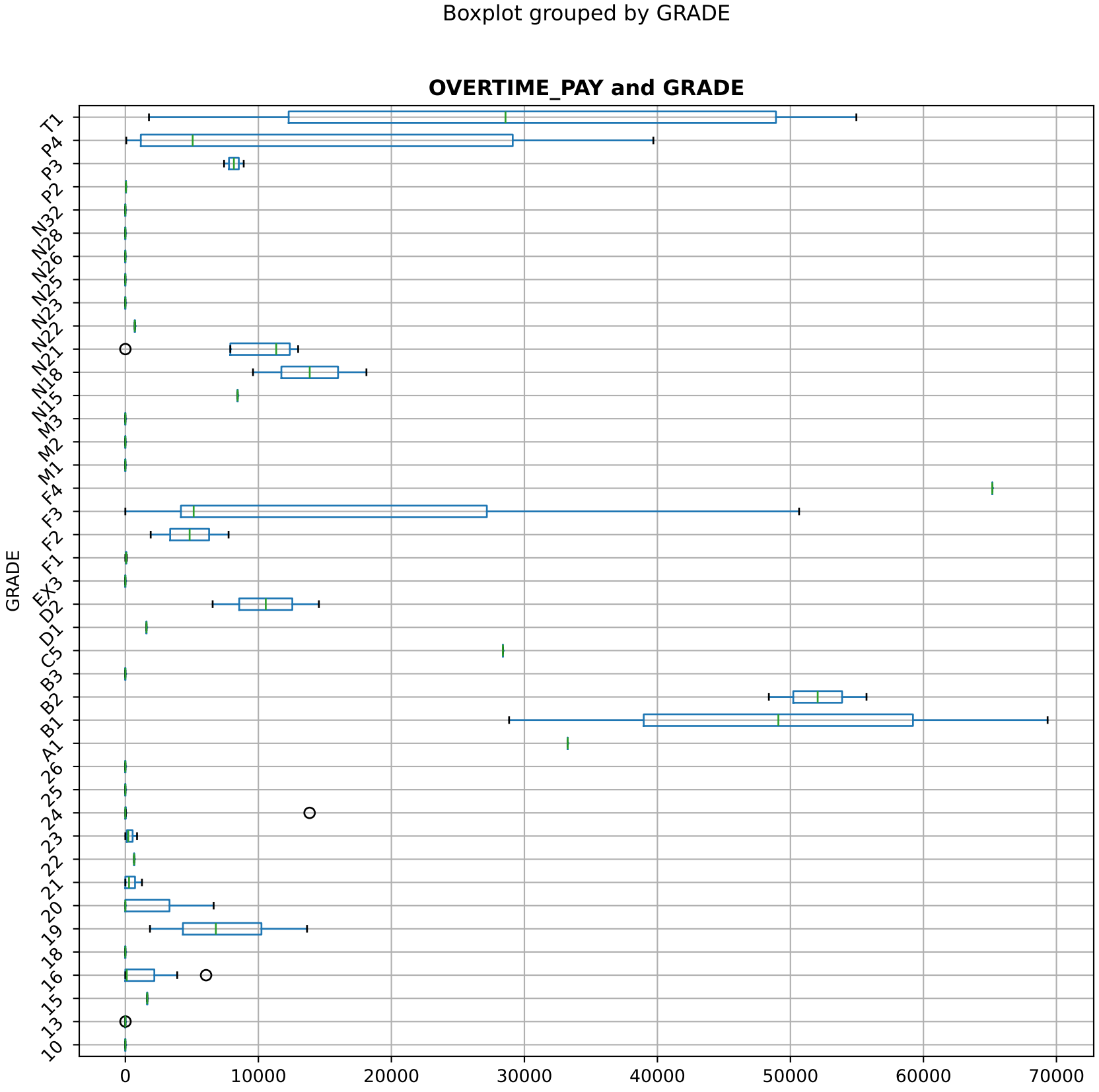
Boxplot grouped by GRADE
OVERTIME_PAY and GRADE
GRADE
T1
P4
P3
P2
N32
N28
N26
N25
N23
N22
N21
N18
N15
M3
M2
M1
F4
F3
F2
F1
EX3
D2
D1
C5
B3
B2
B1
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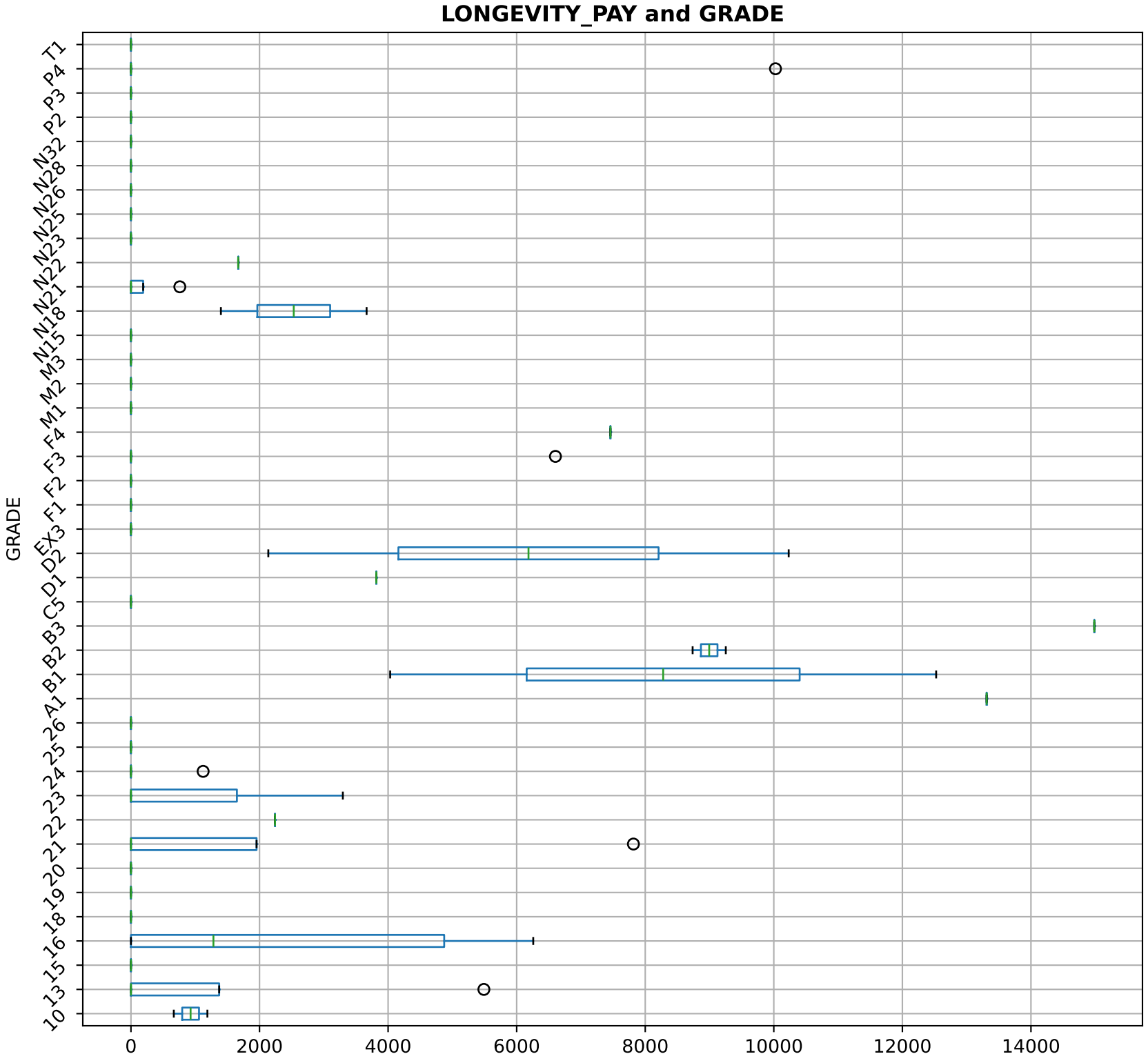
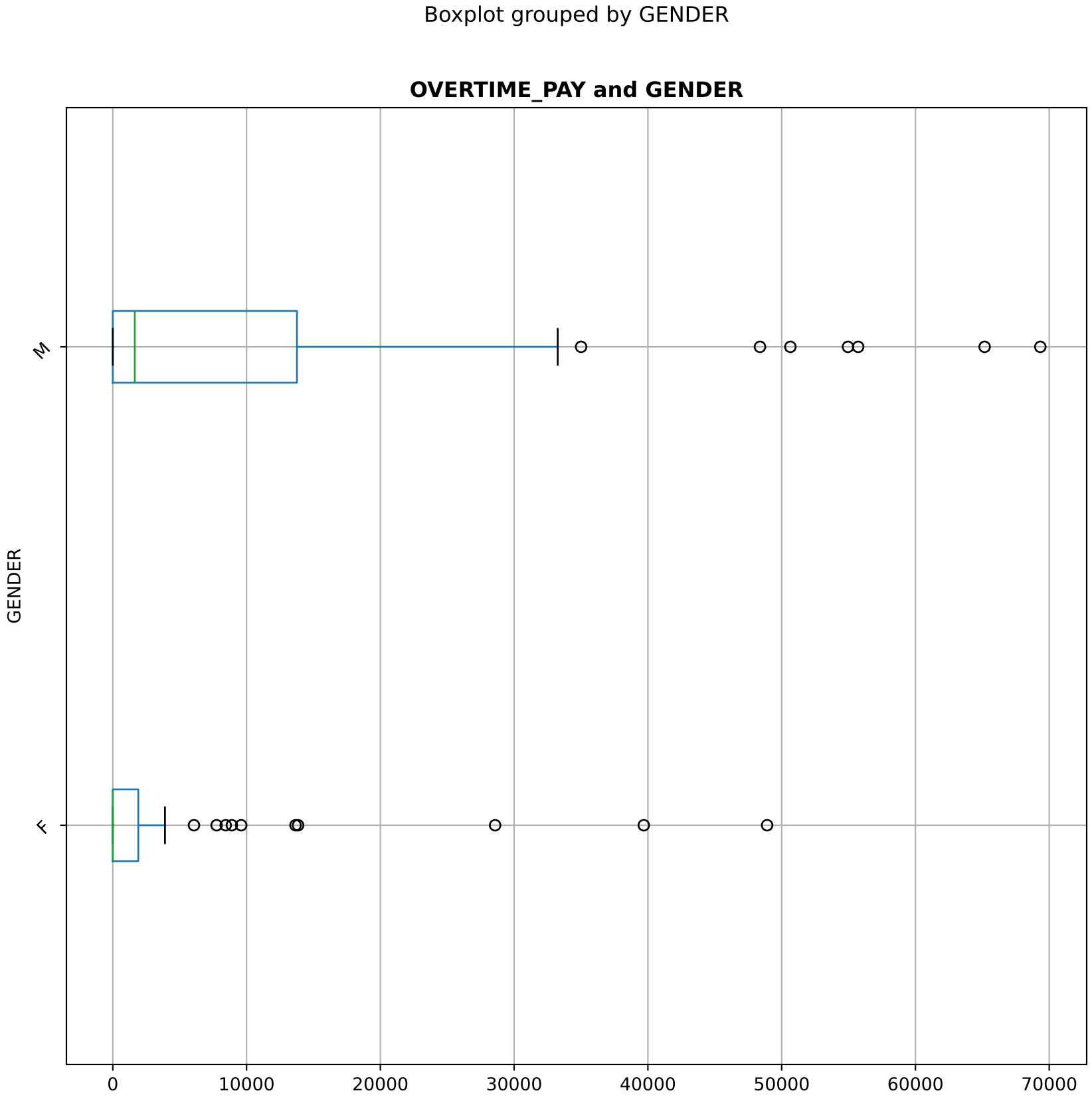
70000

Boxplot grouped by GRADE




Boxplot grouped by GENDER
OVERTIME_PAY and GENDER
GENDER
M
F
0
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30000
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50000
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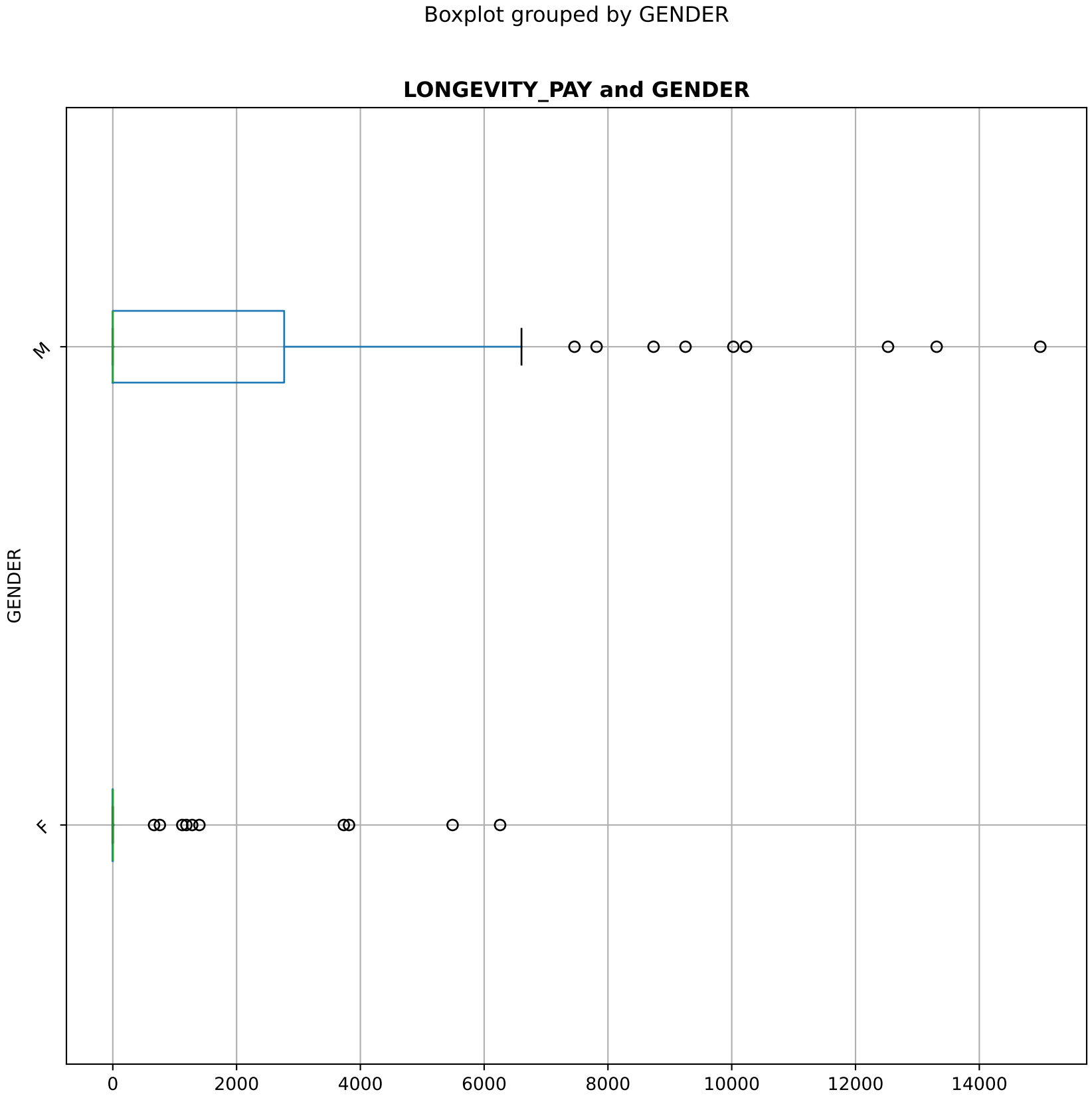
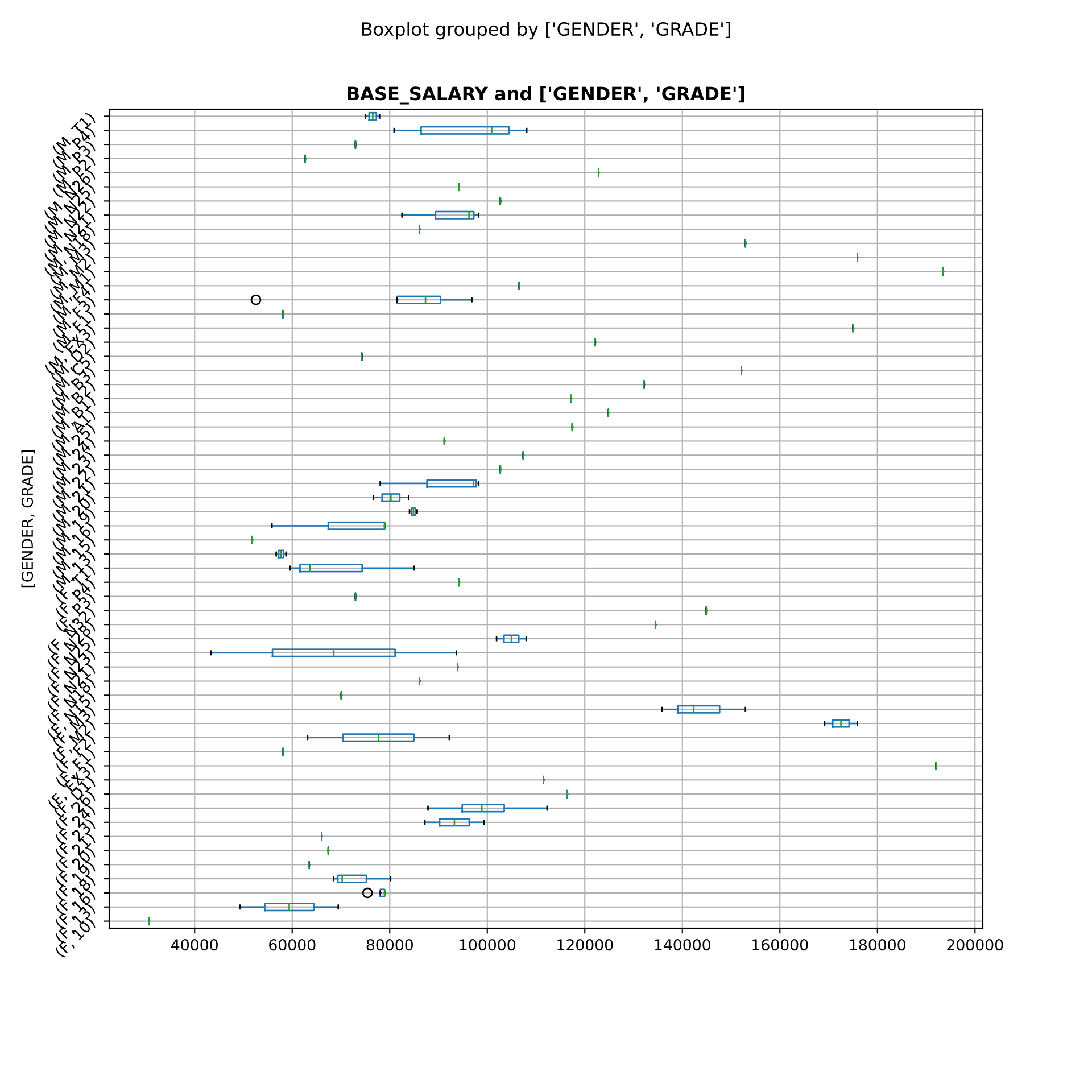
70000


Boxplot grouped by GENDER
LONGEVITY_PAY and GENDER
GENDER
M
F
0
2000
4000
6000
8000
10000
12000
14000


Boxplot grouped by ['GENDER', 'GRADE']
BASE_SALARY and ['GENDER', 'GRADE']
[GENDER, GRADE]
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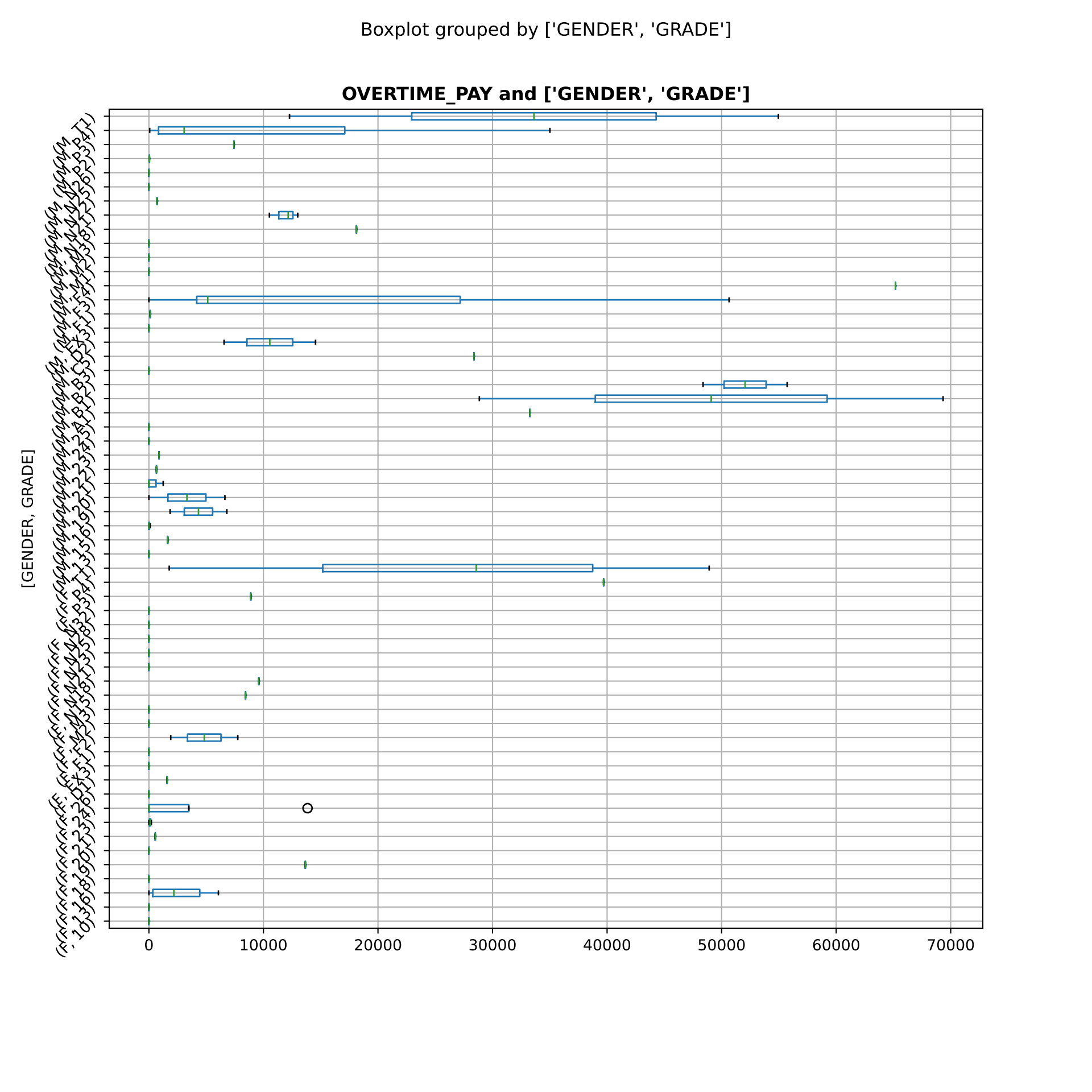
Boxplot grouped by ['GENDER', 'GRADE']
OVERTIME_PAY and ['GENDER', 'GRADE']
[GENDER, GRADE]
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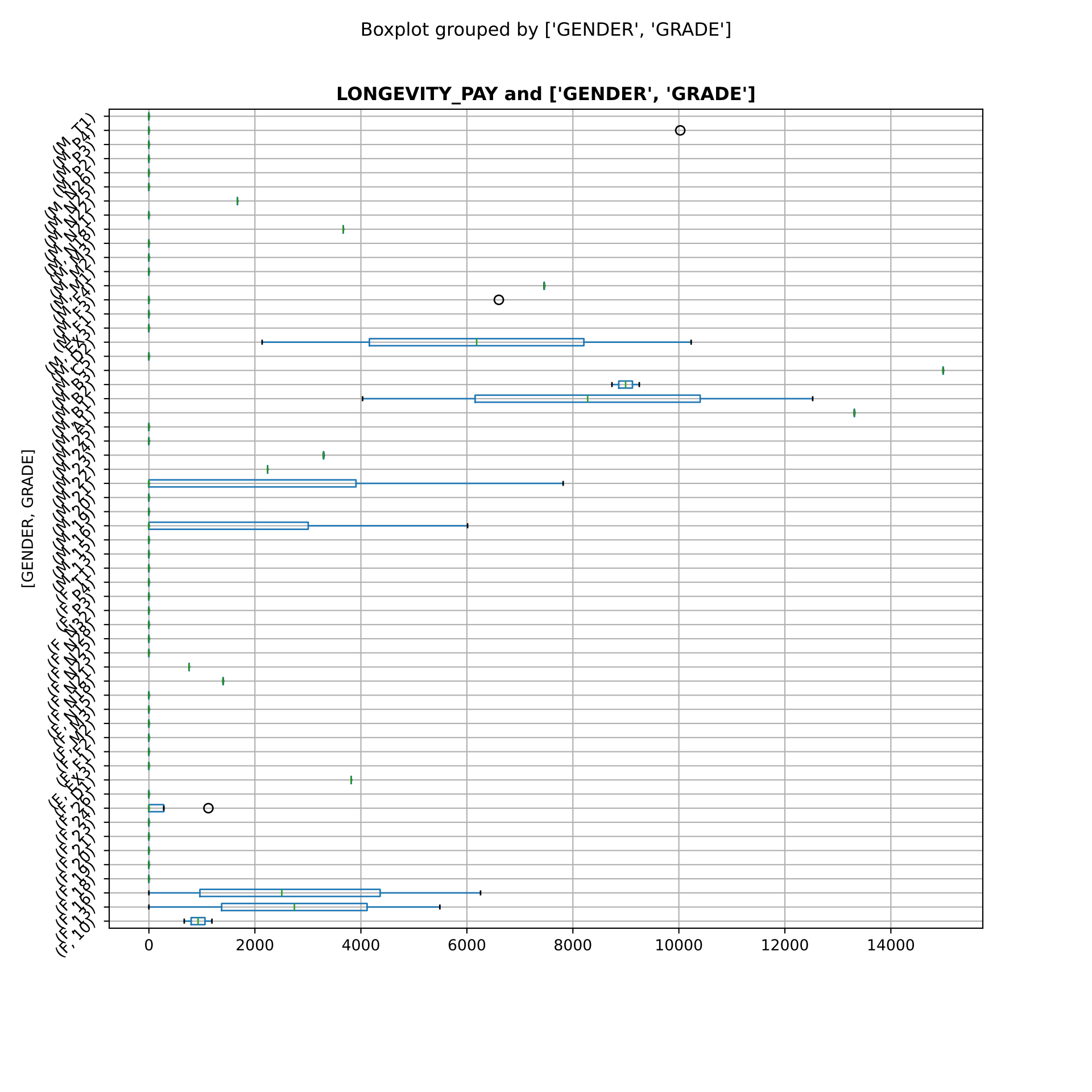
Boxplot grouped by ['GENDER', 'GRADE']
LONGEVITY_PAY and ['GENDER', 'GRADE']
[GENDER, GRADE]
0
2000
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8000
10000
12000
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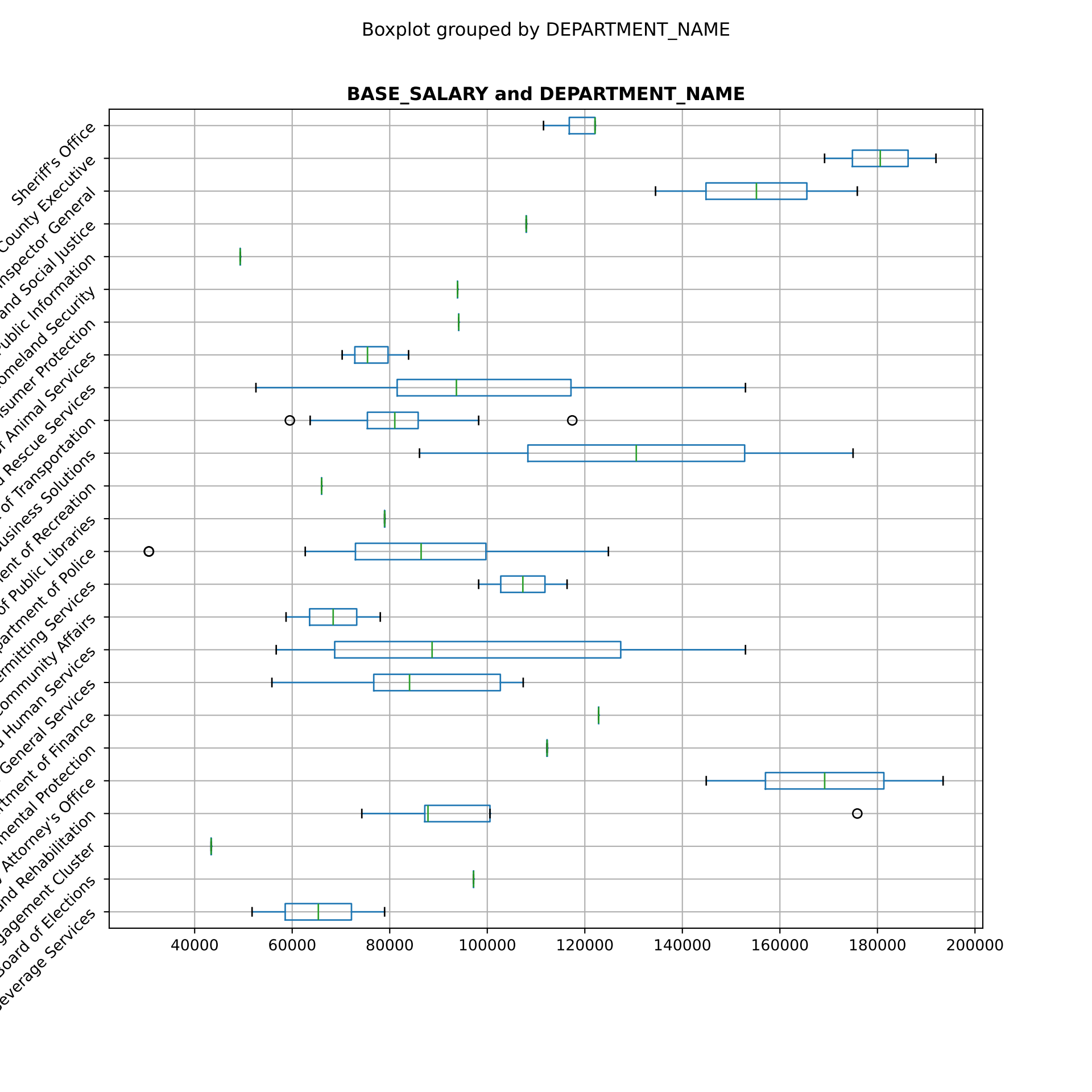
Boxplot grouped by DEPARTMENT_NAME
BASE_SALARY and DEPARTMENT_NAME
Sheriff's Office
County Executive
Inspector General
and Social Justice
Public Information
omeland Security
sumer Protection
r Animal Services
d Rescue Services
of Transportation
usiness Solutions
ent of Recreation
of Public Libraries
of Police
partment of Services
rmitting Services
ommunity Affairs
d Human Services
General Services
rtment of Finance
mental Protection
Attorney's Office
nd Rehabilitation
gement Cluster
Board of Elections
everage Services
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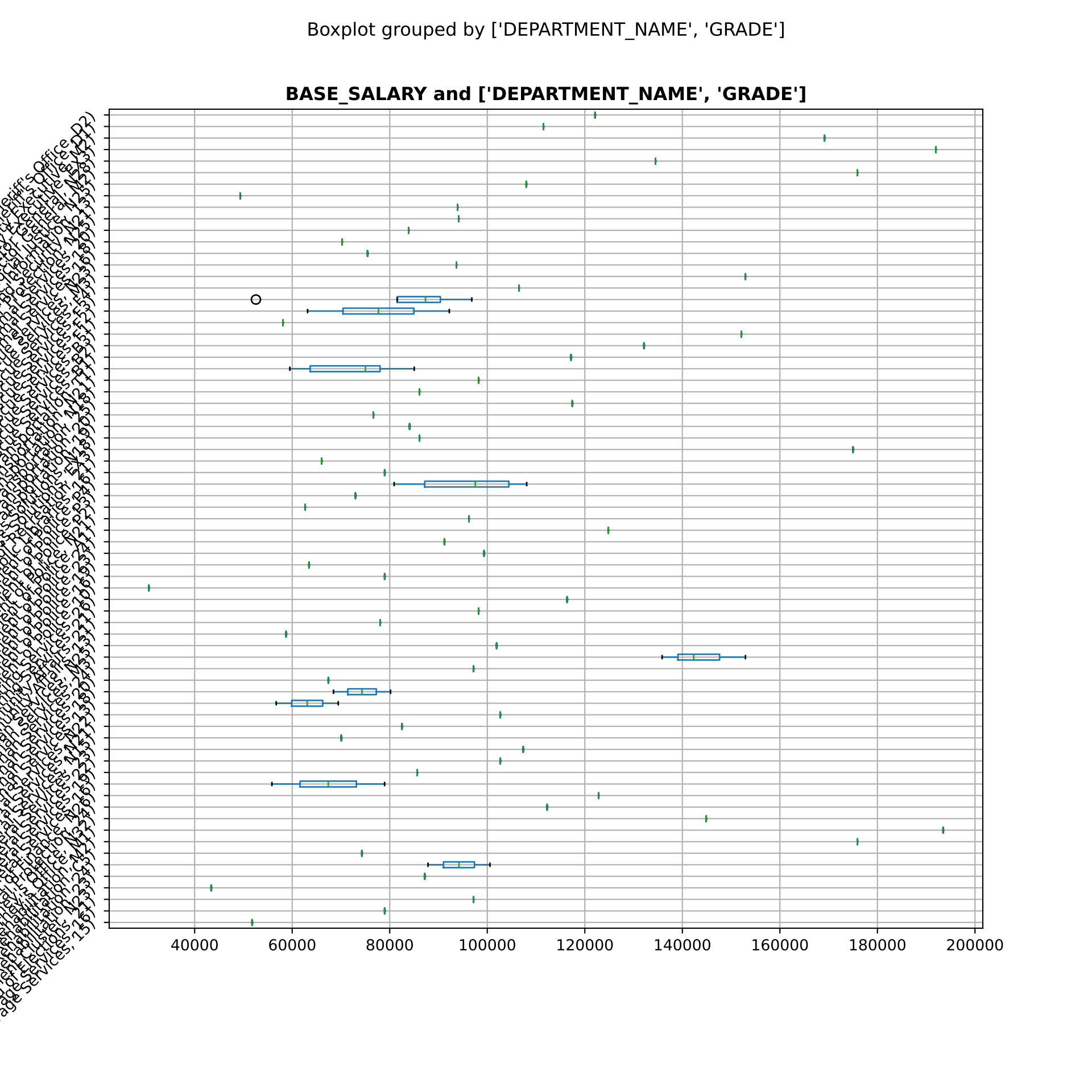
Boxplot grouped by ['DEPARTMENT_NAME', 'GRADE']
BASE_SALARY and ['DEPARTMENT_NAME', 'GRADE']
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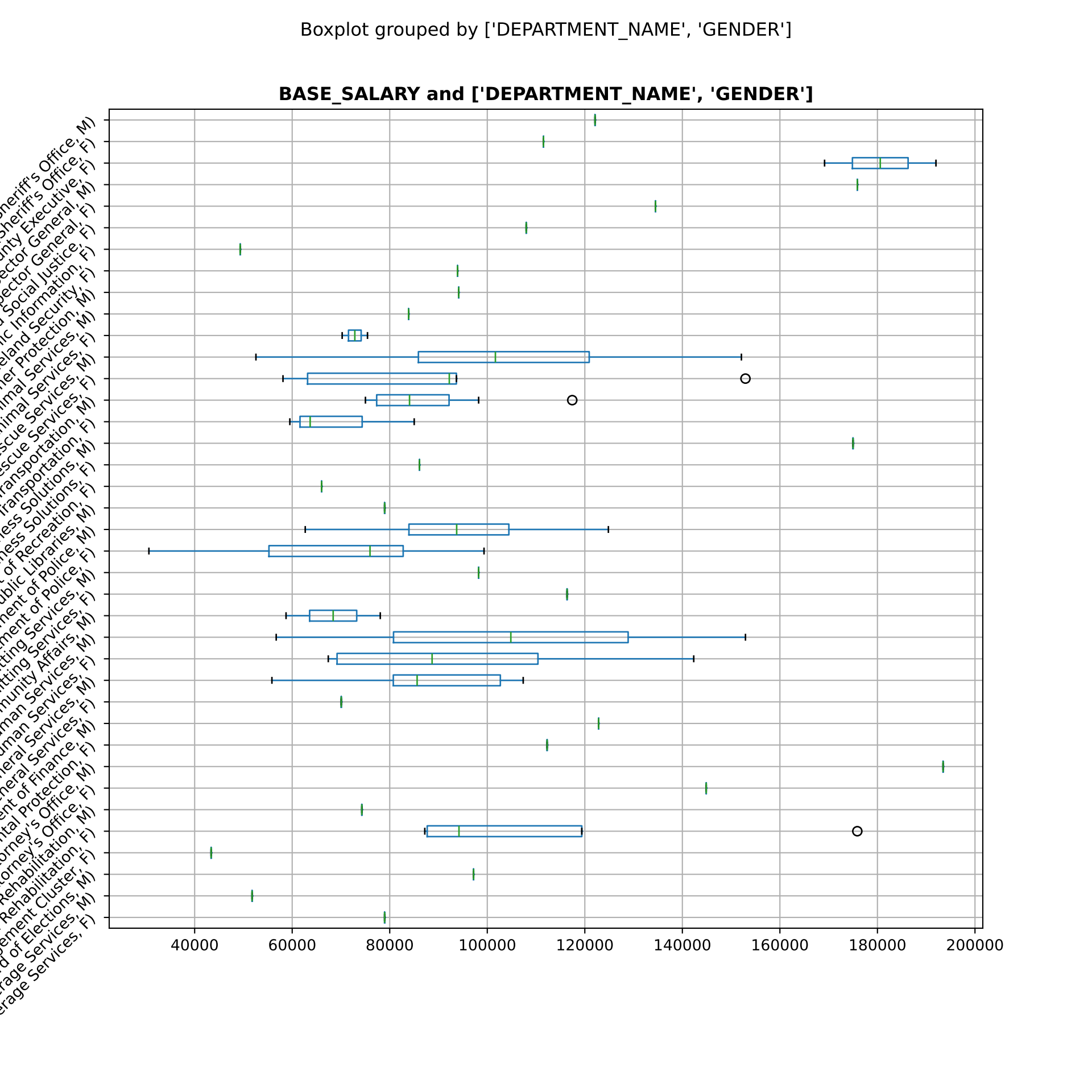
Boxplot grouped by ['DEPARTMENT_NAME', 'GENDER']
BASE_SALARY and ['DEPARTMENT_NAME', 'GENDER']
Sheriff's Office, M)
Sheriff's Office, F)
County Executive, F)
Inspector General, M)
Inspector General, F)
Social Justice, F)
Public Information, F)
Homeland Security, M)
Water Protection, M)
Animal Services, F)
Animal Services, M)
Rescue Services, F)
Rescue Services, M)
Transportation, F)
Transportation, M)
Business Solutions, F)
Business Solutions, F)
Dept of Recreation, M)
Public Libraries, M)
Department of Police, F)
Department of Police, M)
Planning Services, F)
Planning Services, M)
Planning Affairs, M)
Community Services, F)
Human Services, M)
Human Services, F)
General Services, M)
General Services, F)
Dept of Finance, F)
Dept of Finance, M)
Dental Protection, M)
Attorney's Office, F)
Attorney's Office, M)
Rehabilitation, F)
Rehabilitation, M)
Department Cluster, F)
Dept of Elections, M)
Dept of Elections, F)
Storage Services, F)
Storage Services, M)
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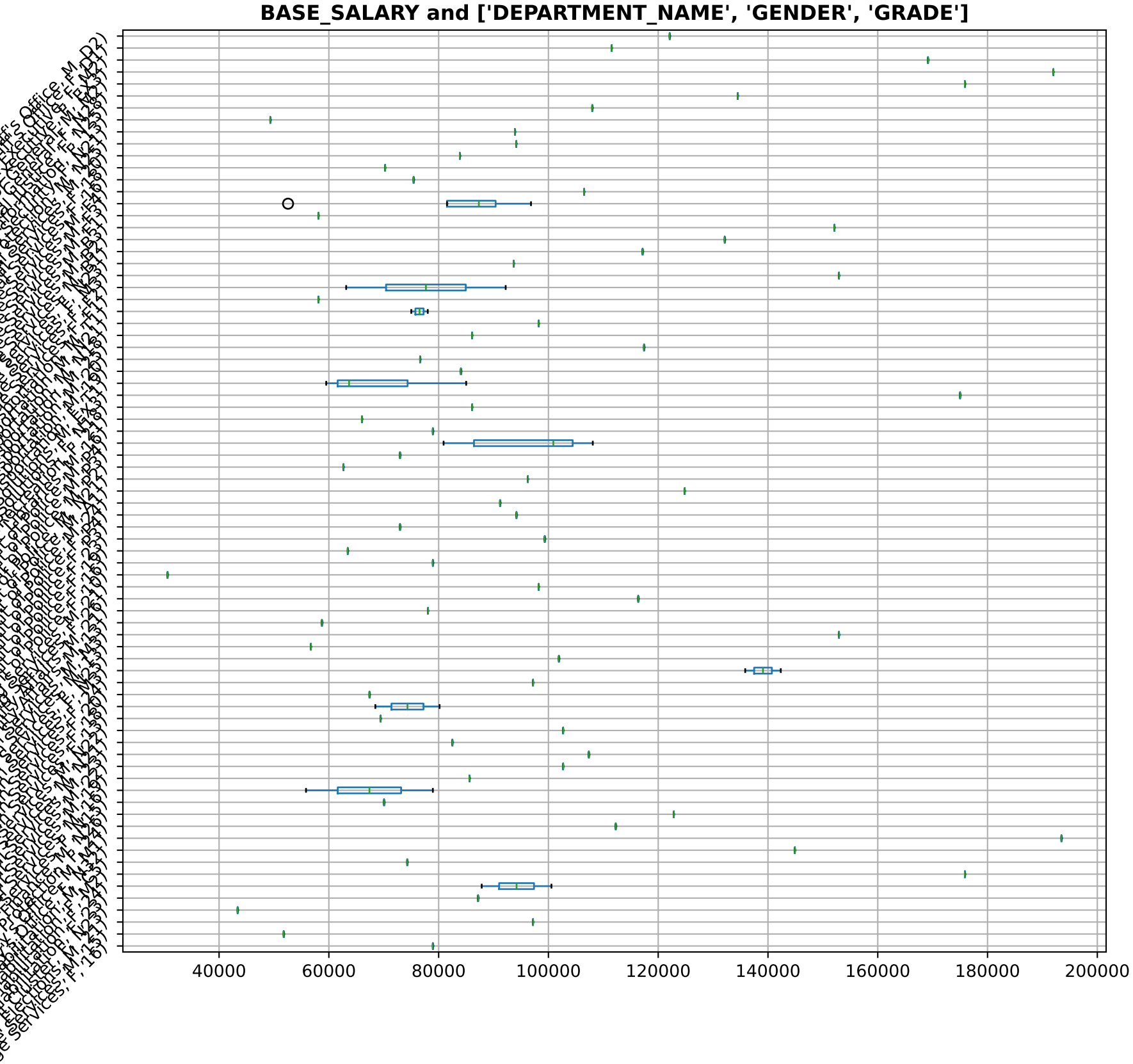
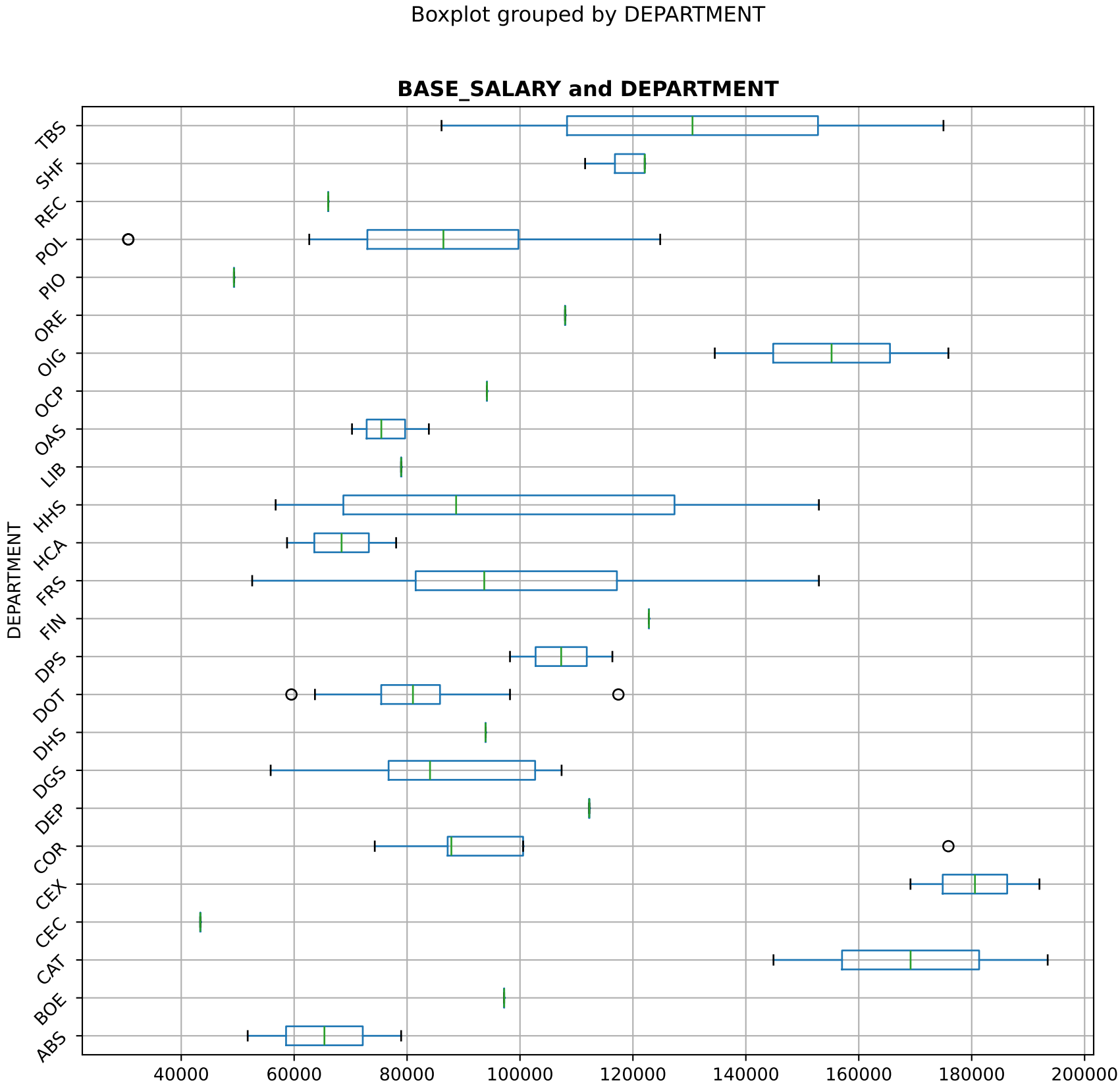
Boxplot grouped by ['DEPARTMENT_NAME', 'GENDER', 'GRADE']




Boxplot grouped by DEPARTMENT
BASE_SALARY and DEPARTMENT
DEPARTMENT
TBS
SHF
REC
POL
PIO
ORE
OIG
OCP
OAS
LIB
HHS
HCA
FRS
FIN
DPS
DOT
DHS
DGS
DEP
COR
CEX
CEC
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BOE
ABS
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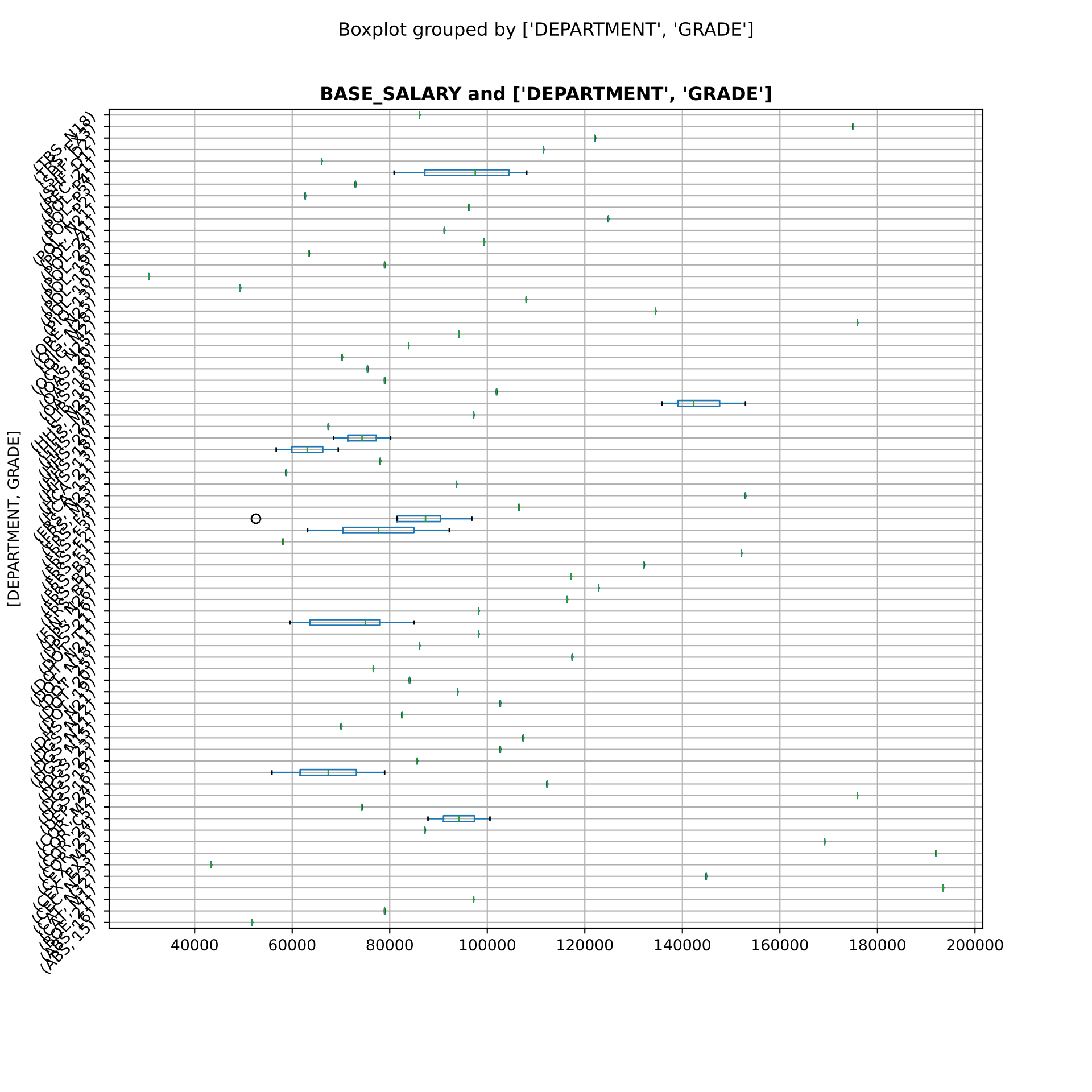
Boxplot grouped by ['DEPARTMENT', 'GRADE']
BASE_SALARY and ['DEPARTMENT', 'GRADE']
[DEPARTMENT, GRADE]
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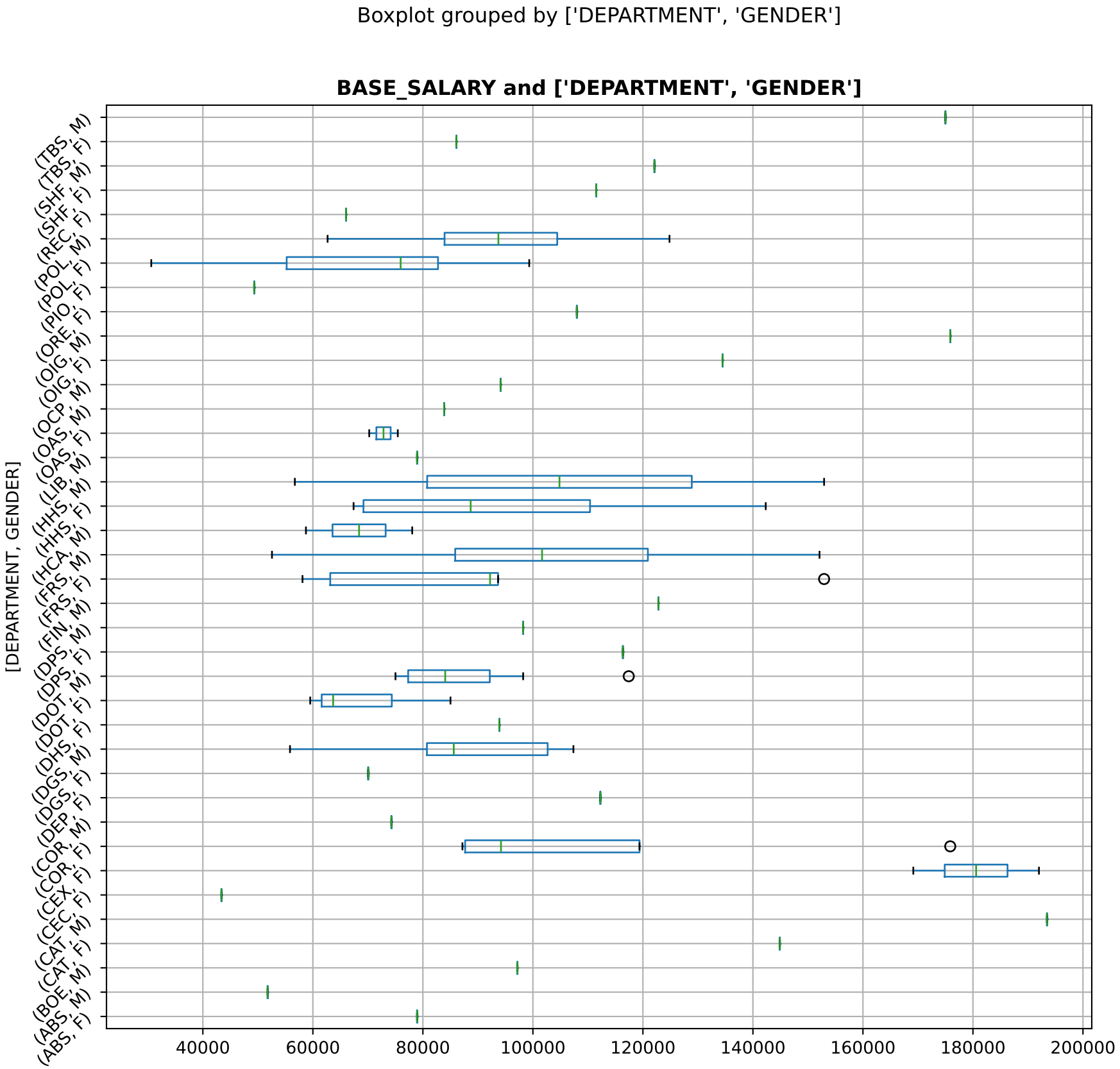
Boxplot grouped by ['DEPARTMENT', 'GENDER']
BASE_SALARY and ['DEPARTMENT', 'GENDER']
[DEPARTMENT, GENDER]
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(ABS, M)
(BOE, M)
(CAT, F)
(CAT, M)
(CEC, F)
(CEX, F)
(COR, F)
(COR, M)
(DEP, F)
(DGS, F)
(DGS, M)
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(DOT, M)
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(DPS, M)
(FIN, M)
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(FRS, M)
(HCA, M)
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(HHS, M)
(LIB, M)
(OAS, F)
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(ORE, F)
(PIO, F)
(POL, F)
(POL, M)
(REC, F)
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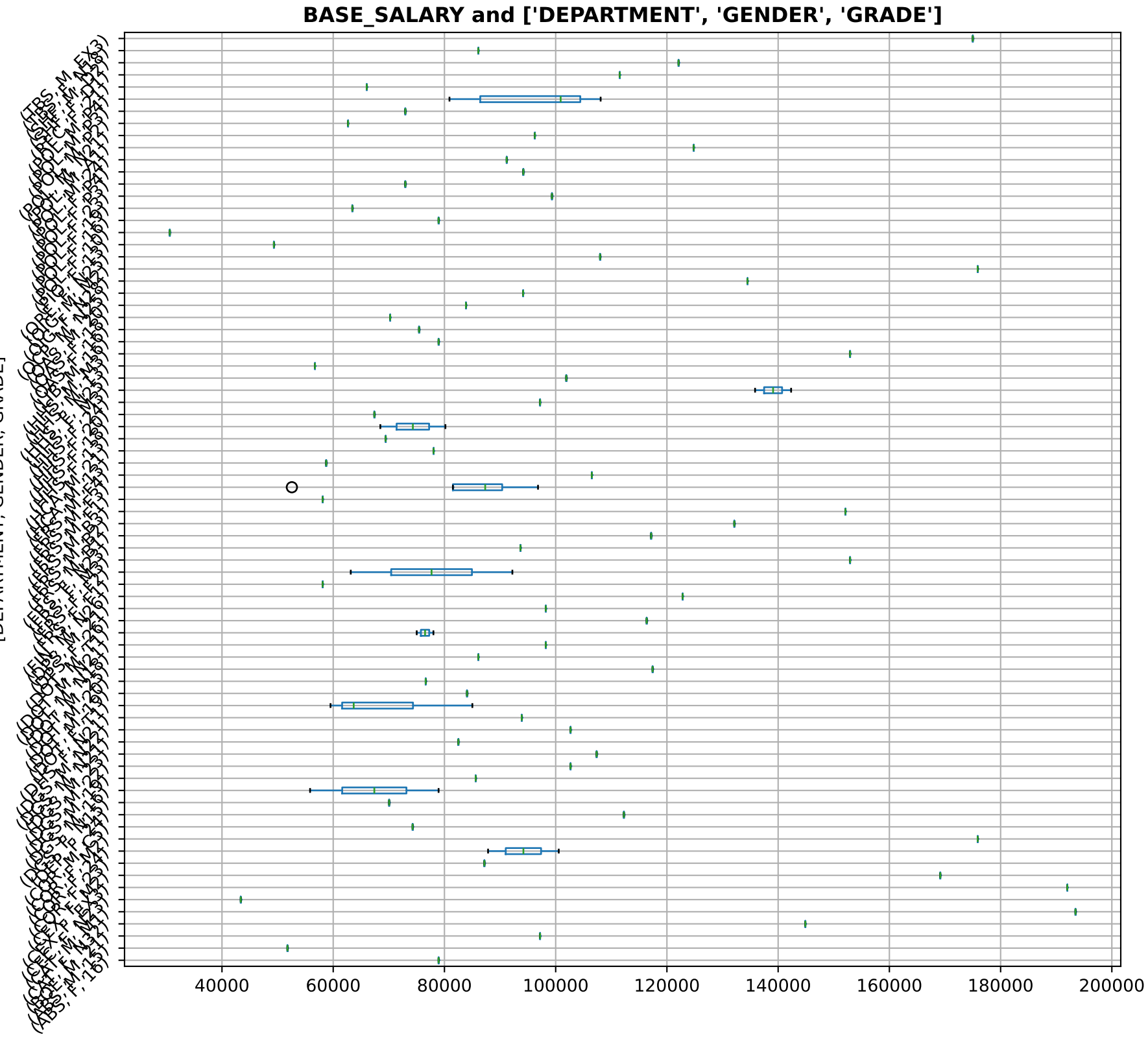
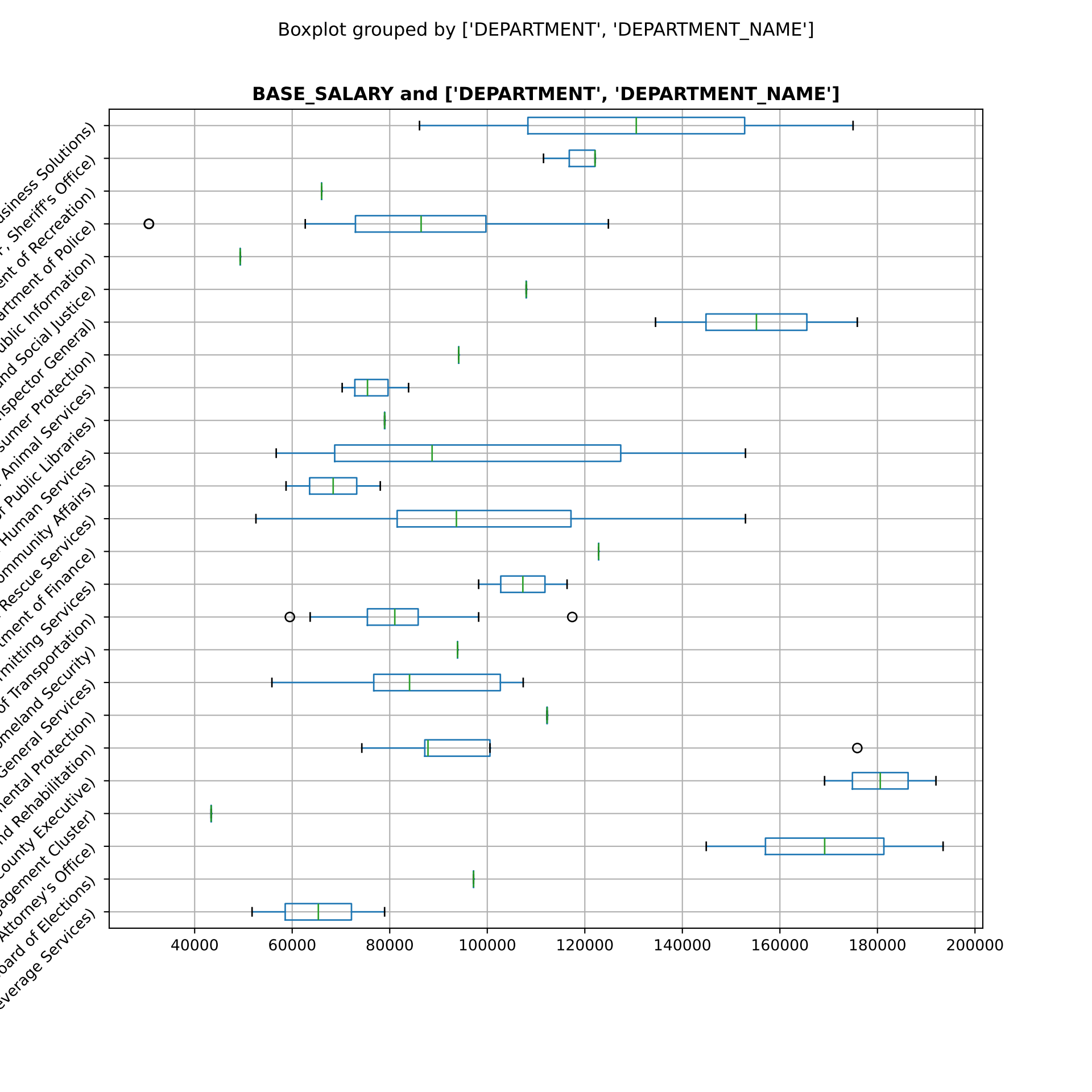
Boxplot grouped by ['DEPARTMENT', 'GENDER', 'GRADE']




Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME']
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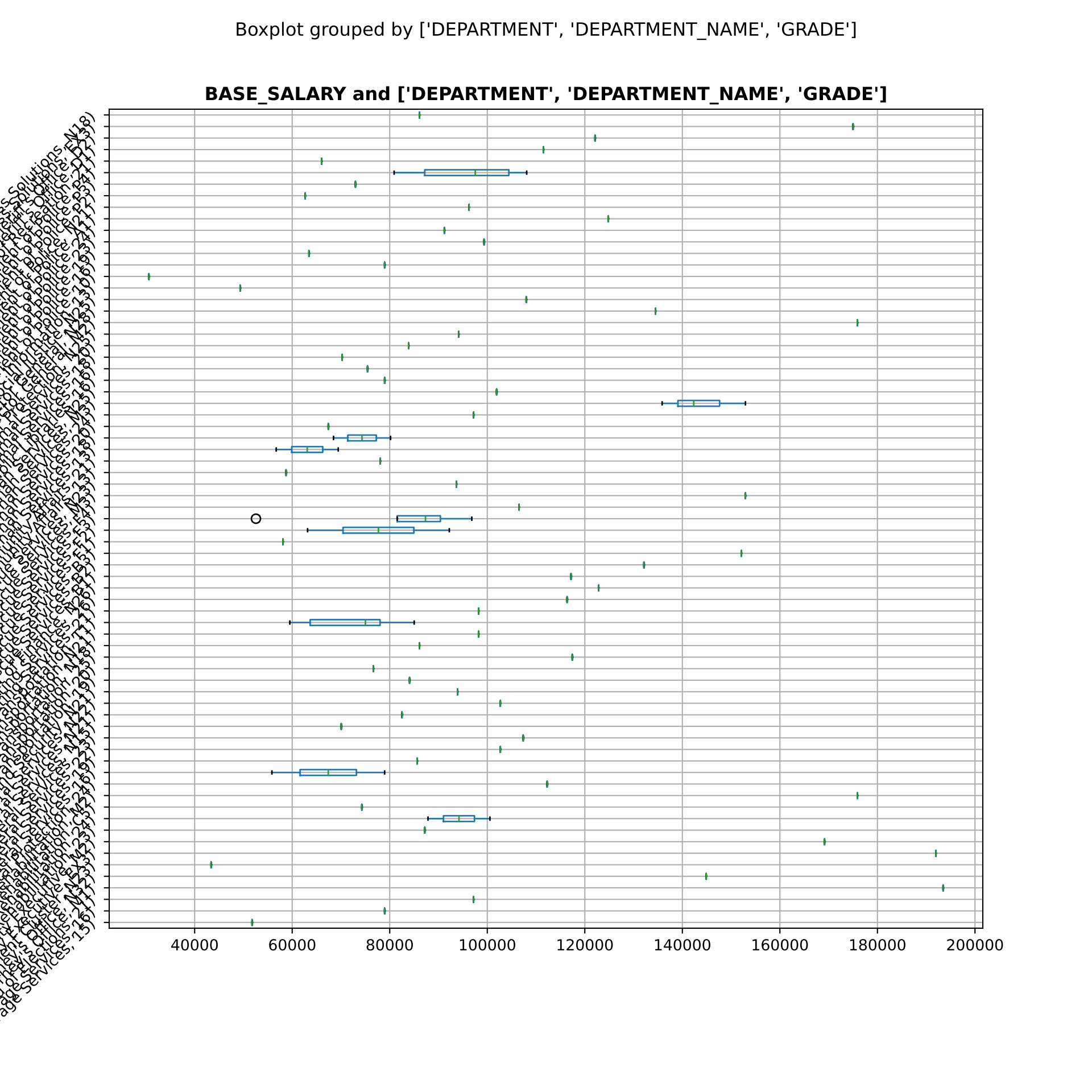
Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME', 'GRADE']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME', 'GRADE']
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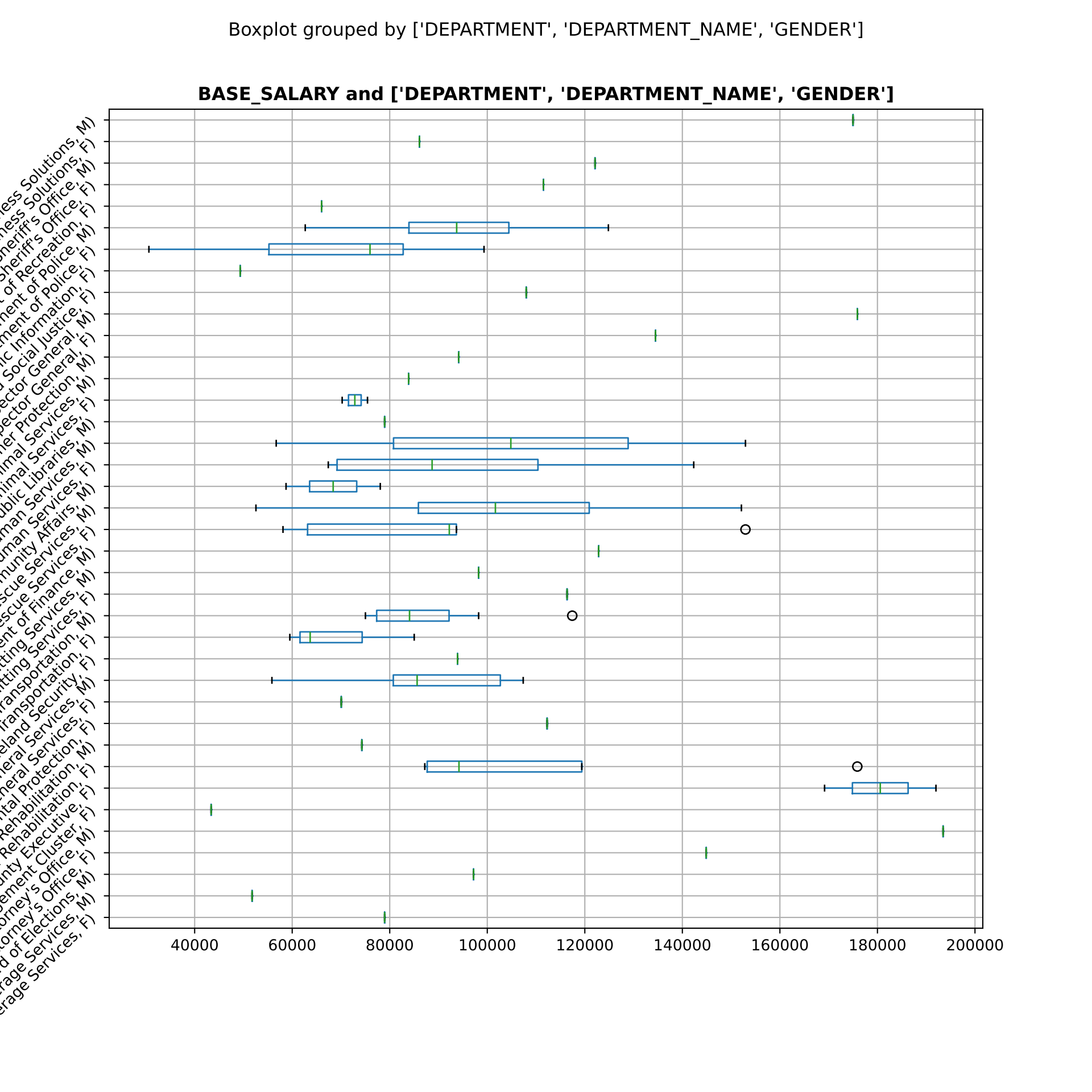
Boxplot grouped by ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER']
BASE_SALARY and ['DEPARTMENT', 'DEPARTMENT_NAME', 'GENDER']
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