Internet Appendix for "Business Networks, Corporate Governance, and Contracting in the Mutual Fund Industry"\*

<sup>\*</sup>Citation format: Kuhnen, Camelia M., 2009, Internet Appendix for "Business Networks, Corporate Governance, and Contracting in the Mutual Fund Industry", *Journal of Finance* 64(5), 2185-2220, http://www.afajof.org/IA/2009.asp. Please note: Wiley-Blackwell is not responsible for the content or functionality of any supporting information supplied by the authors. Any queries (other than missing material) should be directed to the author of the article.

#### Table IA.I

### Predictors of Advisory Firms Winning Subadvisory Contracts - Robustness Checks

The table shows the coefficient estimates from the conditional logit model of subadvisor selection in equation (1) in the paper. Each fund hiring a subadvisor at time t can choose among 19 firms actively managing funds at t - 1 and the chosen candidate. In Panel A, the 19 alternative advisory firms are selected at random over 100 repetitions (bootstrap method). In Panel B, the 19 alternatives are those advisors with the highest propensity score to be selected based on non-connection measures only. In Panel C, they are the 19 advisors with the closest propensity score to the chosen firm to be selected based on non-connection measures only. The dependent variable is a dummy equal to one for the fund-candidate subadvisor pairs that contracted with each other at t. Standard errors are adjusted for heteroskedasticity and correlation among observations belonging to the same fund-year. t-statistics are in parentheses. All independent variables refer to characteristics of the candidate subadvisor, and are defined in Table I of the paper.

Dependent variable	I	ndicator equa	l to one if th	e fund hired	the candidate	e advisory fir	m
Panel A: Each fund of and 19 others sel			•				
$AdvisorBoardInfluence_{t-1}$		ioni (bootstia	$\frac{10 \text{ method, } 10}{88.29}$ $(6.25)^{***}$	JO Tepetitions	5)		
$A dvisor Board Influence_{t-3,t-1}$			(0.20)	89.93 $(3.10)^{***}$			
$AdvisorBoardJointDegree_{t-1}$				~ /	0.09 $(3.42)^* * *$		
$A dv is or Board Joint dDegree_{t-3,t-1}$					、 ,	$0.07 \\ (1.91)^*$	
$A dvisor Board Relationship Length_{t-1}$						( )	1.09 $(8.40)^{**}$
$Candidate Advisor Primary Advisor Joint Degree_{t-1}$		0.43 $(2.31)^{**}$	0.12 (1.08)	0.23 (1.47)	0.39 $(2.08)^{**}$	0.42 $(2.22)^{**}$	0.2 (1.83)
$AdvisorDegree_{t-1}$		(2.31) 0.01 $(7.06)^{***}$	(1.03) 0.01 $(5.28)^{***}$	(1.47) 0.01 $(5.50)^{***}$	(2.08) 0.01 $(6.06)^{***}$	(2.22) 0.01 $(6.44)^{***}$	(1.03) $(2.95)^{**}$
$AdvisorAge_{t-1}$	-0.06	-0.04	-0.02	(0.00) -0.05 $(-1.88)^*$	(0.00) -0.03 (-1.43)	-0.04	(2.93) -0.08 $(-2.91)^{**}$
$AdvisorFractionFundsInCategory_{t-1}$	$(-5.03)^{**}$ 1.36 $(15.19)^{***}$	$(-1.81)^*$ 1.25 $(14.00)^{***}$	(-0.73) 1.23 $(14.24)^{***}$	(-1.88) 1.25 $(13.46)^{***}$	(-1.43) 1.24 $(14.04)^{***}$	$(-1.77)^*$ 1.25 $(14.05)^{***}$	(-2.91) 1.20 $(13.01)^{**}$
$AdvisorLnAssetsUnderManagement_{t-1}$	(13.19) (0.39) $(32.38)^{***}$	(14.00) 0.21 $(11.96)^{***}$	(14.24) 0.23 $(10.48)^{***}$	(13.40) 0.22 $(11.25)^{***}$	(14.04) 0.20 $(11.23)^{***}$	(14.03) 0.21 $(11.92)^{***}$	(13.01) 0.2 $(11.56)^{**}$
$AdvisorPerformance_{t-1}$	(52.38) -0.02 $(-2.02)^{**}$	(11.90) -0.00 (-0.09)	(10.43) -0.03 $(-2.01)^{**}$	(11.23) -0.01 (-0.60)	(11.23) 0.00 (0.42)	(11.92) 0.00 (0.21)	-0.0 (-0.49
$AdvisorManagementFee_{t-1}$	(-2.02) -0.51 $(-7.33)^{***}$	(-0.09) -0.52 $(-6.30)^{***}$	(-2.01) -0.65 $(-6.96)^{***}$	(-0.00) -0.57 $(-6.61)^{***}$	(0.42) -0.53 $(-6.22)^{***}$	(0.21) -0.53 $(-6.29)^{***}$	(-0.43) $(-4.44)^{**}$
Pseudo $R^2$ Observations	0.15 5,140	0.28 5,140	0.38 5,140	0.32 5,140	0.28 5,140	0.28 5,140	0.3 5,14

Panel B: Each fund can select with the highest propensity see		U					
$AdvisorBoardInfluence_{t-1}$			41.30				
			$(5.15)^{***}$				
$AdvisorBoardInfluence_{t-3,t-1}$				29.71			
				$(2.79)^{***}$			
$AdvisorBoardJointDegree_{t-3,t-1}$						0.10	
						(1.28)	
$AdvisorBoardJointDegree_{t-1}$					0.11		
					$(2.70)^{***}$		
$AdvisorBoardRelationshipLength_{t-1}$							0.86
							$(3.45)^{***}$
$CandidateAdvisor - PrimaryAdvisorDegree_{t-1}$		0.14	0.08	0.11	0.12	0.13	0.10
		$(5.81)^{***}$	$(2.87)^{***}$	$(4.24)^{***}$	$(4.83)^{***}$	$(5.15)^{***}$	$(3.51)^{***}$
$AdvisorDegree_{t-1}$		0.02	0.02	0.02	0.02	0.02	0.01
		$(4.51)^{***}$	$(4.08)^{***}$	$(4.04)^{***}$	$(4.21)^{***}$	$(4.10)^{***}$	$(2.71)^{***}$
Controls as in Panel A	YES	YES	YES	YES	YES	YES	YES
Pseudo $R^2$	0.82	0.86	0.88	0.87	0.87	0.86	0.87
Observations	5,140	5,140	5,140	5,140	5,140	5,140	5,140

Panel C: Each fund can select from 20 advisory firms: the chosen firm and the 19 others with the closest propensity score to be selected based on non-connection measures only

$AdvisorBoardInfluence_{t-1}$			56.58				
			$(9.57)^{***}$				
$A dvisor Board Influence_{t-3,t-1}$				41.97			
				$(5.26)^{***}$			
$AdvisorBoardJointDegree_{t-3,t-1}$						0.04	
						(1.10)	
$AdvisorBoardJointDegree_{t-1}$					0.06		
					$(3.56)^{***}$		
$A dvisor Board Relationship Length_{t-1}$							0.96
							$(7.95)^{***}$
$CandidateAdvisor - PrimaryAdvisorDegree_{t-1}$		0.17	0.05	0.10	0.16	0.17	0.09
		$(9.01)^{***}$	$(2.38)^{**}$	$(4.41)^{***}$	$(8.15)^{***}$	$(8.56)^{***}$	$(5.20)^{***}$
$AdvisorDegree_{t-1}$		0.01	0.01	0.01	0.01	0.01	0.01
		$(6.31)^{***}$	$(5.05)^{***}$	$(5.43)^{***}$	$(6.00)^{***}$	$(6.02)^{***}$	$(2.74)^{***}$
Controls as in Panel A	YES	YES	YES	YES	YES	YES	YES
Pseudo $R^2$	0.00	0.12	0.23	0.16	0.13	0.12	0.16
Observations	$5,\!140$	5,140	$5,\!140$	$5,\!140$	5,140	5,140	$5,\!140$

\* significant at 10%; \*\* significant at 5%; \*\*\* significant at 1%

#### Table IA.II

#### Predictors of Directors Winning Board Seats – Robustness Checks

The table shows the coefficient estimates from the logit model of director selection in section #A.2 in the paper. In Panel A I analyze director choices only in new funds created in new fund companies in 1998. The potential candidate directors the fund advisor can choose from are all the directors actively overseeing funds anytime between 1993 to 1997 who are also active at some time during 1998 to 2002. In Panel B the sample of alternative directors a fund can choose from includes the selected directors, and 20 others picked at random over 100 repetitions (bootstrap method). All new funds created in 1998 are included in the analysis. In Panel C, I analyze director selection in all new funds created in 1998 except those in families with large overlap across directors serving multiple companies in the family. The overlap is given by the standard deviation across directors of the number of companies in the family whose funds they oversee. In this example, funds in families where this standard deviation is below five are excluded. Choosing a different threshold yields similar results. In Panels B and C directors already working for the fund company that the newly born fund is a part of are not included. The dependent variable is equal to one for the fund-director pairs that successfully contracted with each other in 1998, and zero for all the other pairs. Standard errors are adjusted for heteroskedasticity and correlation among observations belonging to the same advisor. *t*-statistics are in parentheses. All variables are defined in Table I in the paper. \* significant at 10%; \*\*\* significant at 5%; \*\*\* significant at 1%.

Dependent variable	Indicator e	qual to one if	f the advisor	hired the cano	lidate directo				
Panel A: Only new funds created by new fund companies are included									
A dvisor Director	0.26								
$JointDegree_{1997}$	$(8.03)^{***}$								
A dvisor Director		0.34							
$JointDegree_{1995-1997}$		$(4.02)^{***}$							
AdvisorDirector			6.23						
$Influence_{1997}$			$(19.91)^{***}$						
A dvisor Director				6.40					
$Influence_{1995-1997}$				$(13.63)^{***}$					
AdvisorDirector				. ,	1.57				
$RelationshipLength_{1997}$					$(13.47)^{***}$				
$Director Degree_{1997} * 10^{-1}$	0.05	0.05	0.07	0.06	0.04				
-	$(4.75)^{***}$	$(6.58)^{***}$	$(12.95)^{***}$	$(9.72)^{***}$	$(3.75)^{***}$				
Pseudo $R^2$	0.26	0.22	0.36	0.26	0.30				
Observations	$133,\!940$	$133,\!940$	$133,\!940$	$133,\!940$	$133,\!940$				

Panel B: Advisors can choose from a set of 20 random candidates aside from those selected (boostrap method, 100 repetitions)

AdvisorDirector	1.10	(	,,	1	
	-				
$JointDegree_{1997}$	$(4.96)^{***}$				
AdvisorDirector		2.01			
$JointDegree_{1995-1997}$		$(4.33)^{***}$			
AdvisorDirector			9.55		
$Influence_{1997}$			$(7.14)^{***}$		
A dvisor Director				18.47	
$Influence_{1995-1997}$				$(4.34)^{***}$	
A dvisor Director					3.28
$RelationshipLength_{1997}$					$(13.38)^{***}$
$Director Degree_{1997} * 10^{-1}$	0.05	0.05	0.07	0.07	0.06
	$(12.09)^{***}$	$(12.03)^{***}$	$(12.64)^{***}$	$(12.91)^{***}$	$(11.28)^{***}$
Pseudo $R^2$	0.30	0.27	0.31	0.27	0.32
Observations	5,053	5,053	5,053	5,053	5,053

Panel C: All new f	Panel C: All new funds are included except those in families with large									
overlap across directors serving multiple companies in the family.										
A dvisor Director	0.17									
$JointDegree_{1997}$	$(2.25)^{**}$									
AdvisorDirector		0.22								
$JointDegree_{1995-1997}$		$(3.64)^{***}$								
AdvisorDirector			5.89							
$Influence_{1997}$			$(20.03)^{***}$							
AdvisorDirector				6.26						
$Influence_{1995-1997}$				$(15.67)^{***}$						
AdvisorDirector					1.51					
$RelationshipLength_{1997}$					$(15.37)^{***}$					
$Director Degree_{1997} * 10^{-1}$	0.04	0.04	0.05	0.05	0.03					
	$(6.87)^{***}$	$(10.49)^{***}$	$(18.05)^{***}$	$(15.86)^{***}$	$(5.57)^{***}$					
Pseudo $R^2$	0.13	0.12	0.24	0.18	0.19					
Observations	270,278	270,278	270,278	270,278	270,278					

# Table IA.III

# Connections and Expense Ratios (Connections Allowed to Capture Between Fund Family Variation)

OLS regressions are estimated to examine the impact of connections between the fund board and the primary advisor on expense ratios, for the entire sample of open-end U.S. mutual funds during 1995 to 2002 matched in the N-SAR B, N-30D, and the CRSP Mutual Funds data sets. The dependent variable,  $ExpenseRatio_t$ , is the ratio of the fund's expenses divided by the value of the fund's assets in year t (item expenses in CRSP Mutual Funds). Year and ICDI investment objective fixed effects are included. Standard errors are adjusted for heteroskedasticity and correlation across observations belonging to the same fund family. t-statistics are in parentheses. All variables are defined in Table I in the paper. \* significant at 10%; \*\* significant at 5%; \*\*\*

Dependent variable	$ExpenseRatio_t$					
A dv is or Board		20.64				
$Influence_{t-1}$		$(4.47)^{***}$				
A dvisor Board			26.41			
$Influence_{t-3,t-1}$			$(5.14)^{***}$			
A dvisor Board				0.17		
$JointDegree_{t-1}$				$(1.83)^*$		
AdvisorBoard					0.26	
$JointDegree_{t-3,t-1}$					$(2.53)^{**}$	
AdvisorBoard						4.39
$RelationshipLength_{t-1}$						$(4.40)^{***}$
$BoardSize_t$	0.39	0.26	0.23	0.29	0.25	0.32
	(1.44)	(0.96)	(0.87)	(1.01)	(0.90)	(1.23)
$FundAge_t$	0.42	.05	26	.38	.20	43
	(0.58)	(0.07)	(-0.37)	(0.54)	(0.28)	(-0.60)
$Ln(FundSize_{t-1})$	-7.01	-6.70	-6.63	-6.80	-6.77	-6.79
	$(-8.73)^{***}$	$(-8.59)^{***}$	$(-8.53)^{***}$	$(-8.58)^{***}$	$(-8.50)^{***}$	$(-8.59)^{***}$
Number Of Funds	0.14	0.16	0.14	0.11	0.10	0.12
$InFamily_t$	$(2.55)^{**}$	$(2.87)^{***}$	$(2.67)^{***}$	$(1.88)^*$	(1.63)	$(2.12)^{**}$
AdvisorFraction	1.97	0.48	0.15	2.28	2.32	0.65
$FundsInCategory_{t-1}$	(0.41)	(0.10)	(0.03)	(0.47)	(0.48)	(0.14)
Advisor LnAssets	-0.61	-1.45	-1.59	-1.26	-1.24	-1.21
$UnderManagement_{t-1}$	(57)	(-1.39)	(-1.54)	(-1.20)	(-1.20)	(-1.16)
Year FEs	YES	YES	YES	YES	YES	YES
Investment Objective FEs	YES	YES	YES	YES	YES	YES
Adj. $R^2$	0.35	0.36	0.37	0.36	0.36	0.36
Observations	12,866	12,866	12,866	12,866	12,866	$12,\!866$

# Table IA.IV

## Connections and Management Fees (Connections Allowed to Capture Between Fund Family Variation)

OLS regressions are estimated to examine the impact of connections between the fund board and the primary advisor on advisory fees, for the entire sample of open-end U.S. mutual funds during 1995 to 2002 matched in the N-SAR B, N-30D, and the CRSP Mutual Funds data sets. The dependent variable,  $ManagementFee_t$ , is the fee paid by the fund in year t to its advisors for managing the fund (item 048 in N-SAR B filings). Year and ICDI investment objective fixed effects are included. Standard errors are adjusted for heteroskedasticity and correlation across observations belonging to the same fund family. t-statistics are in parentheses. All variables are defined in Table I in the paper. \* significant at 10%; \*\* significant at 5%; \*\*\* significant at 1%.

Dependent variable			Manager	$mentFee_t$		
AdvisorBoard		3.82	0			
$Influence_{t-1}$		$(1.69)^*$				
A dv is or Board		× ,	3.22			
$Influence_{t-3,t-1}$			(1.31)			
A dv is or Board				0.11		
$JointDegree_{t-1}$				$(3.27)^{***}$		
AdvisorBoard					0.10	
$JointDegree_{t-3,t-1}$					$(2.81)^{***}$	
AdvisorBoard						0.27
$RelationshipLength_{t-1}$						(0.66)
$BoardSize_t$	-0.08	-0.10	-0.10	-0.14	-0.13	-0.08
	(-0.87)	(-1.14)	(-1.08)	(-1.51)	(-1.38)	(-0.92)
$FundAge_t$	0.26	0.19	0.18	0.24	0.18	0.21
	(0.95)	(0.73)	(0.67)	(0.88)	(0.65)	(0.78)
$Ln(FundSize_{t-1})$	-1.52	-1.46	-1.47	-1.38	-1.42	-1.51
	$(-5.49)^{***}$	$(-5.42)^{***}$	$(-5.49)^{***}$	$(-5.18)^{***}$	$(-5.34)^{***}$	$(-5.54)^{***}$
Number Of Funds	0.00	0.00	0.00	-0.02	-0.02	-0.00
$InFamily_t$	(0.01)	(0.13)	(0.01)	(-1.07)	(-0.89)	(-0.07)
A dvisor Fraction	5.07	4.79	4.85	5.27	5.20	4.99
$FundsInCategory_{t-1}$	$(1.88)^{*}$	$(1.81)^*$	$(1.82)^*$	$(1.97)^{**}$	$(1.94)^*$	$(1.86)^*$
A dvisor Ln Assets	-1.69	-1.85	-1.81	-2.12	-1.93	-1.73
$UnderManagement_{t-1}$	$(-3.84)^{***}$	$(-4.20)^{***}$	$(-4.06)^{***}$	$(-4.95)^{***}$	$(-4.51)^{***}$	$(-3.88)^{***}$
Year FEs	YES	YES	YES	YES	YES	YES
Investment Objective FEs	YES	YES	YES	YES	YES	YES
Adj. $R^2$	0.39	0.40	0.40	0.40	0.40	0.39
Observations	12,866	12,866	12,866	12,866	12,866	12,866

#### Table IA.V

# Connections and Expense Reimbursements (Connections Allowed to Capture Between Fund Family Variation)

OLS regressions are estimated to examine the impact of connections between the fund board and the primary advisor on expense reimbursements, for the entire sample of open-end U.S. mutual funds during 1995 to 2002 matched in the N-SAR B, N-30D, and the CRSP Mutual Funds data sets. The dependent variable,  $ExpenseReimbursements_t$ , represents the expenses reimbursed back to the fund (item 072y in N-SAR B filings) by the advisor at the end of year t, expressed as a fraction of the fund's total net assets (in basis points). Year and ICDI investment objective fixed effects are included. Standard errors are adjusted for heteroskedasticity and correlation across observations belonging to the same fund family. t-statistics are in parentheses. All variables are defined in Table I in the paper. \* significant at 10%; \*\* significant at 5%; \*\*\* significant at 1%.

Dependent variable	$Expense Reimbursements_t$					
A dvisor Board		-3.52				
$Influence_{t-1}$		$(-1.74)^*$				
A dv is or Board			-4.24			
$Influence_{t-3,t-1}$			$(-1.93)^*$			
AdvisorBoard				0.01		
$JointDegree_{t-1}$				(0.30)		
AdvisorBoard				~ /	-0.01	
$JointDegree_{t-3,t-1}$					(-0.37)	
AdvisorBoard					× ,	-0.65
$RelationshipLength_{t-1}$						(-1.63)
$BoardSize_t$	0.08	0.10	0.10	0.07	0.08	0.09
	(.96)	(1.24)	(1.28)	(0.87)	(1.02)	(1.09)
$FundAge_t$	-1.53	-1.46	-1.42	-1.53	-1.52	-1.40
	$(-6.02)^{***}$	$(-5.74)^{***}$	$(-5.56)^{***}$	$(-6.04)^{***}$	$(-6.05)^{***}$	$(-5.46)^{***}$
$Ln(FundSize_{t-1})$	-4.70	-4.75	-4.76	-4.69	-4.71	-4.73
	$(-11.52)^{***}$	$(-11.49)^{***}$	$(-11.55)^{***}$	$(-11.54)^{***}$	$(-11.56)^{***}$	$(-11.53)^{***}$
Number Of Funds	-0.03	-0.03	-0.03	-0.03	-0.03	-0.02
$InFamily_t$	$(-1.98)^{**}$	$(-2.12)^{**}$	$(-1.99)^{**}$	$(-2.01)^{**}$	$(-1.74)^*$	$(-1.66)^*$
A dvisor Fraction	-2.26	-2.01	-1.97	-2.25	-2.28	-2.06
$FundsInCategory_{t-1}$	(-1.07)	(-0.94)	(-0.92)	(-1.06)	(-1.07)	(-0.97)
Advisor LnAssets	-0.29	-0.14	-0.13	-0.31	-0.26	-0.20
$UnderManagement_{t-1}$	(-0.66)	(-0.31)	(-0.28)	(-0.70)	(-0.58)	(-0.44)
$FundReturn_t$	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
	$(-6.68)^{***}$	$(-6.66)^{***}$	$(-6.62)^{***}$	$(-6.66)^{***}$	$(-6.68)^{***}$	$(-6.64)^{***}$
Year FEs	YES	YES	YES	YES	YES	YES
Investment Objective FEs	YES	YES	YES	YES	YES	YES
Adj. $R^2$	0.17	0.17	0.17	0.17	0.17	0.17
Observations	12,866	12,866	12,866	12,866	12,866	12,866

# Table IA.VI

# Connections and Fund Returns (Connections Allowed to Capture Between Fund Family Variation)

OLS regressions are estimated to examine the impact of connections between the fund board and the primary advisor on the fund net returns, for the entire sample of open-end U.S. mutual funds during 1995 to 2002 matched in the N-SAR B, N-30D, and the CRSP Mutual Funds data sets. The dependent variable,  $FundReturn_t$ , is the annual net return (expressed in basis points) of the fund calculated by aggregating monthly net returns (data item retm) in CRSP Mutual Funds. Year and ICDI investment objective fixed effects are included. Standard errors are adjusted for heteroskedasticity and correlation across observations belonging to the same fund family. t-statistics are in parentheses. All variables are defined in Table I in the paper. \* significant at 10%; \*\* significant at 5%; \*\*\* significant at 1%.

Dependent variable			FundI	$Return_t$		
AdvisorBoard		19.15				
$Influence_{t-1}$		(0.31)				
AdvisorBoard			75.73			
$Influence_{t-3,t-1}$			(1.04)			
AdvisorBoard				-4.56		
$JointDegree_{t-1}$				$(-3.65)^{***}$		
AdvisorBoard					-3.76	
$JointDegree_{t-3,t-1}$					$(-2.78)^{***}$	
AdvisorBoard						28.72
$RelationshipLength_{t-1}$						$(1.76)^*$
$BoardSize_t$	1.24	1.12	0.80	3.95	3.19	0.82
	(0.41)	(0.37)	(0.27)	(1.23)	(1.00)	(0.27)
$FundAge_t$	76.40	76.06	74.47	77.32	79.55	70.86
	$(6.81)^{***}$	$(6.80)^{***}$	$(6.60)^{***}$	$(6.94)^{***}$	$(7.08)^{***}$	$(6.20)^{***}$
$Ln(FundSize_{t-1})$	-47.78	-47.50	-46.69	-53.45	-51.25	-46.37
	$(-3.93)^{***}$	$(-3.89)^{***}$	$(-3.85)^{***}$	$(-4.55)^{***}$	$(-4.31)^{***}$	$(-3.82)^{***}$
Number Of Funds	0.05	0.06	0.05	0.96	0.73	-0.12
$InFamily_t$	(0.08)	(0.10)	(0.08)	(1.49)	(1.16)	(-0.19)
A dvisor Fraction	-155.28	-156.66	-160.50	-163.71	-160.27	-163.89
$FundsInCategory_{t-1}$	(-1.41)	(-1.43)	(-1.46)	(-1.49)	(-1.46)	(-1.49)
Advisor LnAssets	-32.98	-33.75	-35.79	-15.38	-23.92	-36.91
$UnderManagement_{t-1}$	$(-2.23)^{**}$	$(-2.24)^{**}$	$(-2.37)^{**}$	(-1.01)	(-1.59)	$(-2.46)^{**}$
Year FEs	YES	YES	YES	YES	YES	YES
Investment Objective FEs	YES	YES	YES	YES	YES	YES
Adj. $R^2$	0.29	0.29	0.29	0.29	0.29	0.29
Observations	12,866	12,866	12,866	12,866	12,866	12,866