



IRISH CATTLE BREEDING FEDERATION

Ireland summary on Interbeef calving



ICBF genetic team / InterBeef



Background

- Data supplied to Interbeef Sept2012
 - Pbred LIM (~170K) and CHA (~230K) calving ease and calf mortality
- Irish national model
 - MT model CAE – STB – GEST
 - Across breed (~9M ; 45% beef ; 1.5M=>LIM sire ; 1.6M=>CHA sire)

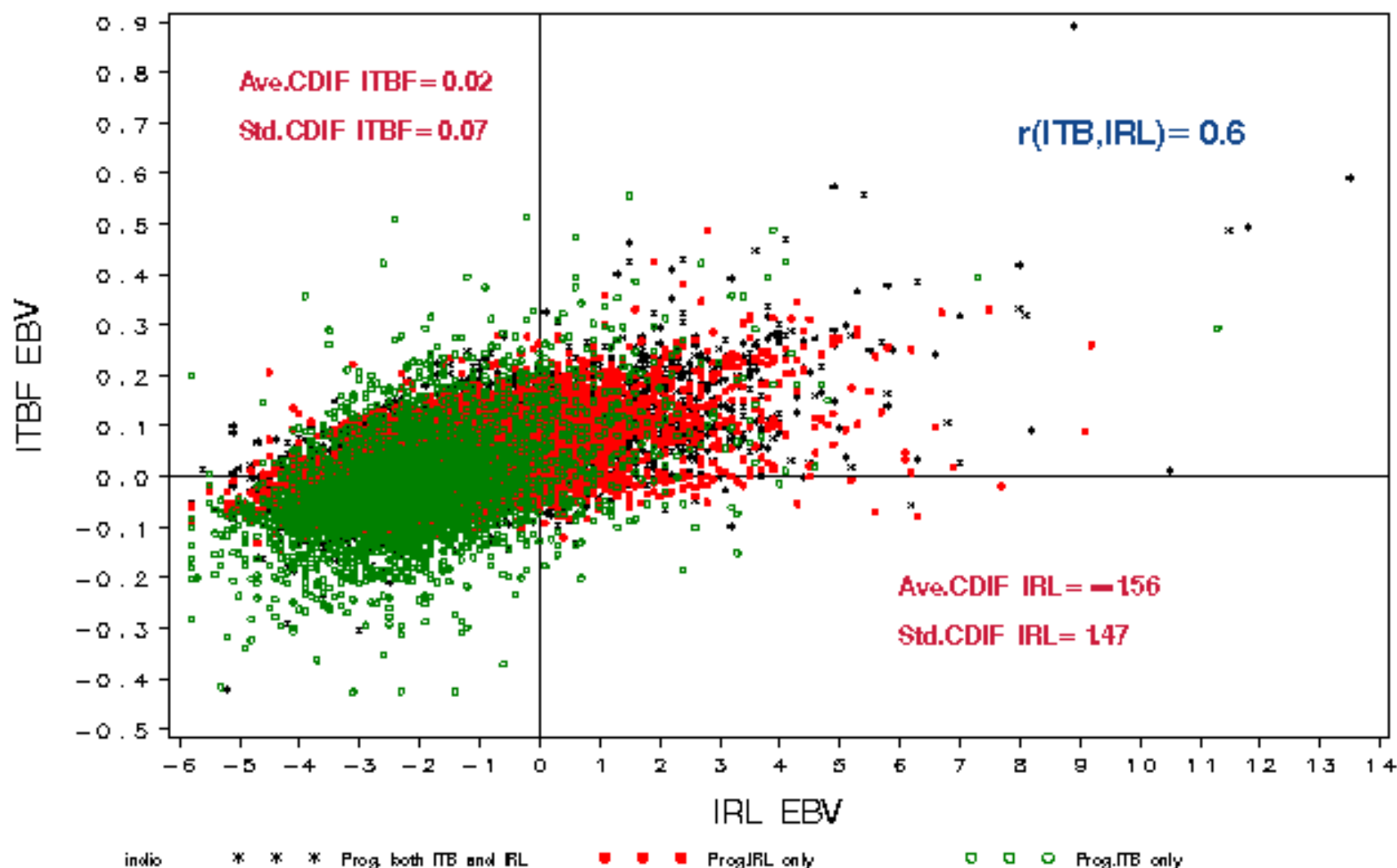
CORRELATION ITBF & IRL RUNS — LIMOUSIN SIRES

ITBF & IRL EBV comparison for direct calving difficulty — $n=26895$

Prog. IRL only: 12325 (46%)

— Prog. ITB only: 4141 (15%)

— Prog. both ITB and IRL: 10429 (39%)



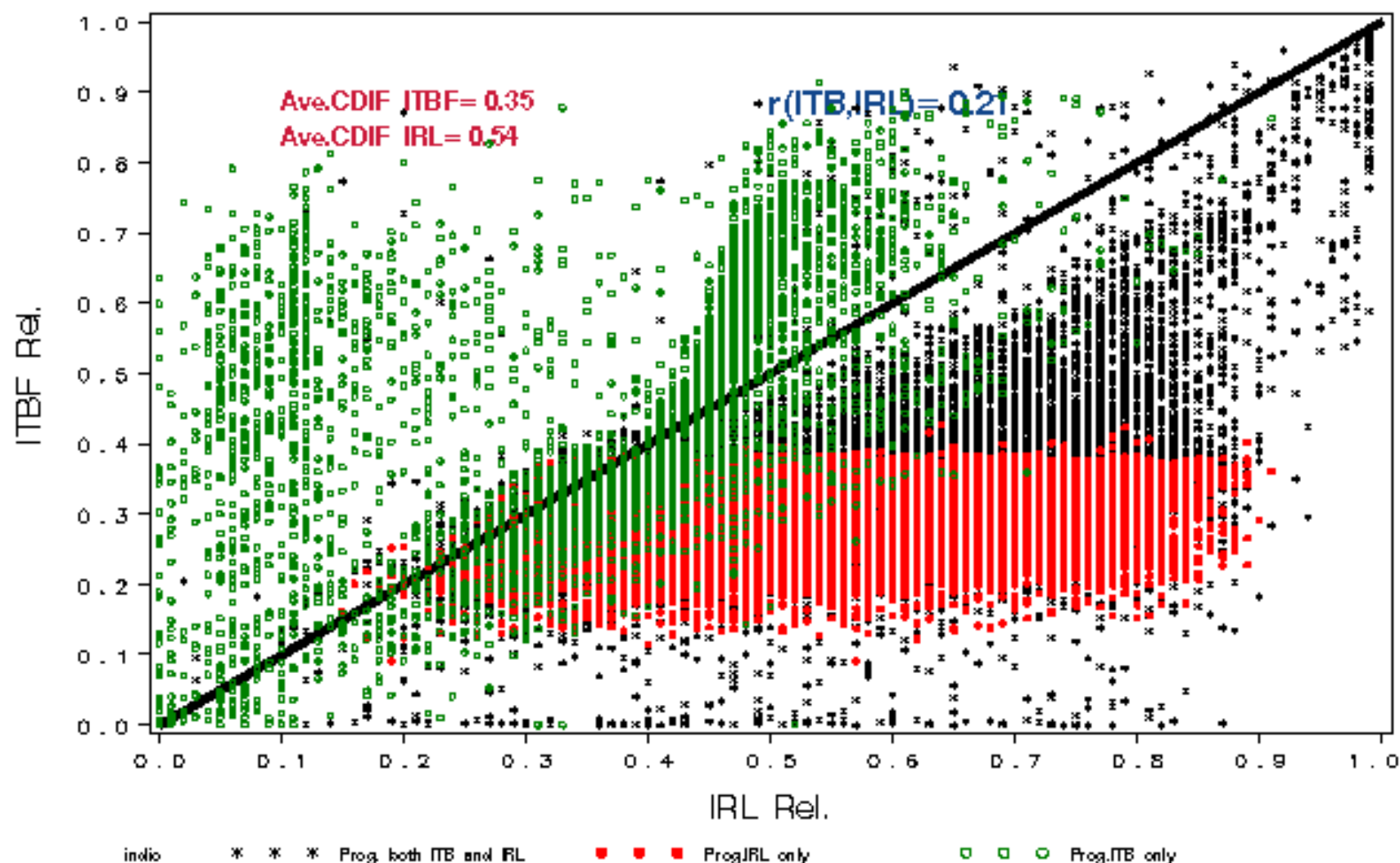
CORRELATION ITBF & IRL RUNS — LIMOUSIN SIRES

ITBF & IRL REL. comparison for direct calving difficulty — n= 26895

Prog. IRL only: 12325 (46%)

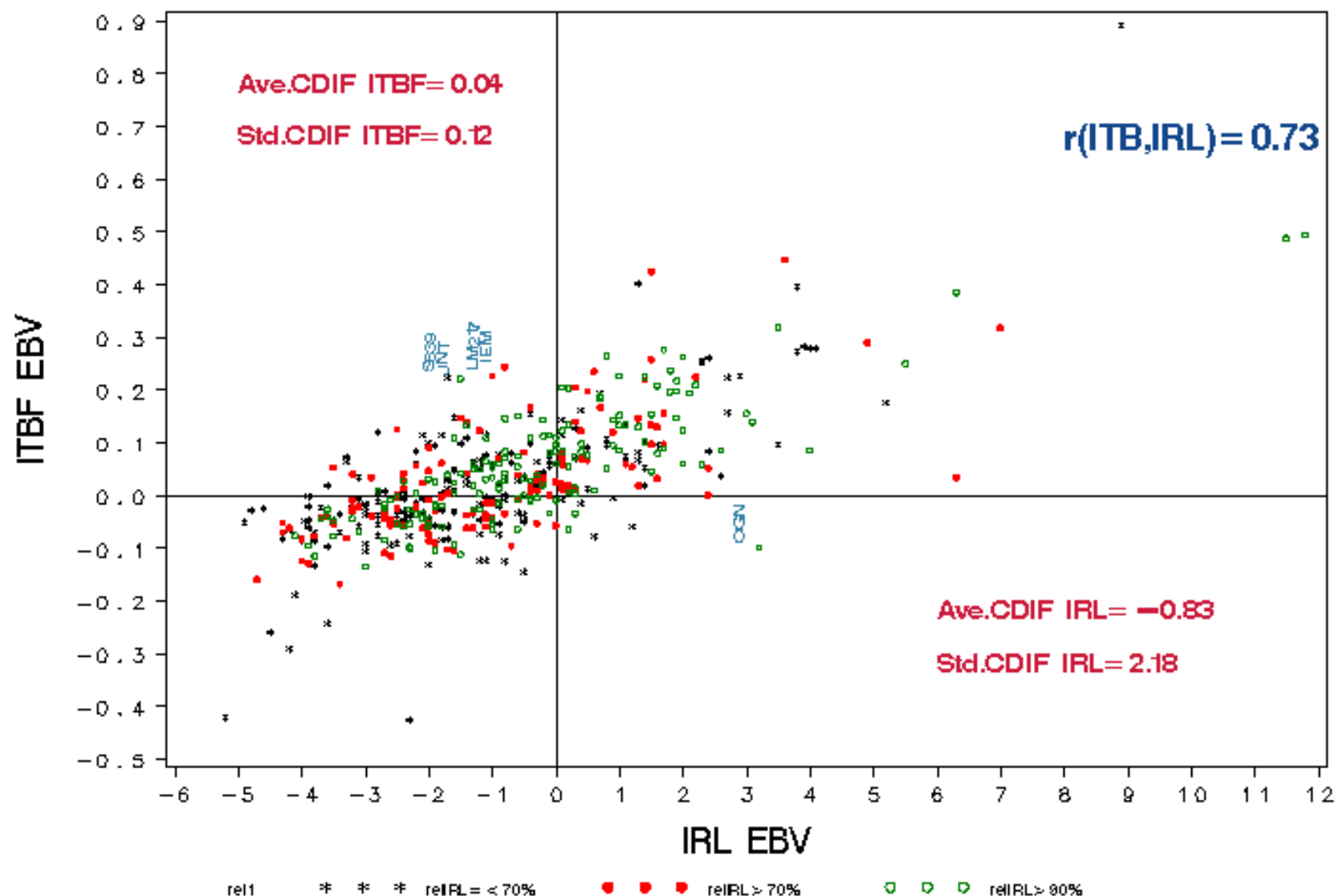
— Prog. ITB only: 4141 (15%)

— Prog. both ITB and IRL: 10429 (39%)



CORRELATION ITBF & IRL RUNS — LIMOUSIN A.I. SIRES

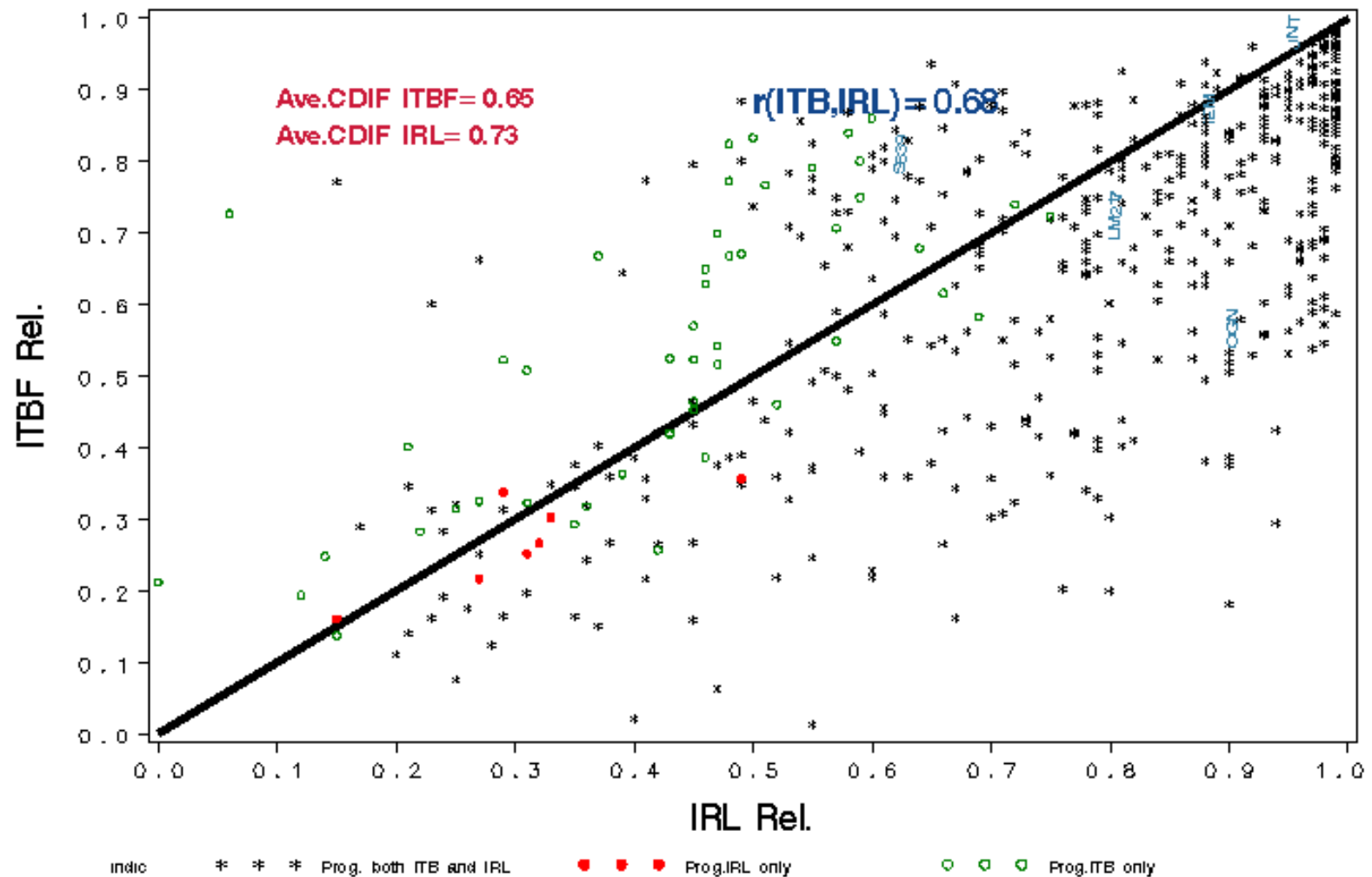
ITBF & IRL EBV comparison for direct calving difficulty — n=476



CORRELATION ITBF & IRL RUNS — LIMOUSIN SIRES

ITBF & IRL REL. comparison for direct calving difficulty — n= 476

Prog. IRL only: 12325 (46%) Prog. ITB only: 4141 (15%) Prog. both ITB and IRL: 10429 (39%)



8 Limousin bulls 'gaining'

Obs	ITT	aicode	bdate	ITBFebv	ITFBrel	nbproglTB	IRLebv	IRLrel	nproglRL
1	LIMFRAM001935117795	OGN	20110823	-0.10	0.53	37	3.20	0.92	506
2	LIMFRAM002307264005	LM2127	20061023	-0.06	0.67	267	1.20	0.49	0
3	LIMFRAM003566422507	S2323	20060912	-0.00	0.67	240	0.90	0.48	0
4	LIMFRAM008123136127	S1056	20051018	-0.08	0.83	1789	0.60	0.48	0
5	LIMIRLM281673730121	KAC	20130925	-0.01	0.34	0	0.40	0.34	0
6	LIMIRLM00000PELA004	PAN	19920000	-0.03	0.57	98	0.30	0.98	845
7	LIMFRAM001930368240	OLI	19981010	-0.06	0.61	65	0.20	0.97	1780
8	LIMIRLM00000MILK011	S015	19950908	-0.01	0.39	6	0.10	0.46	0

134 Limousin bulls 'losing'

Obs	ITT	aicode	bdate	ITBFebv	ITFBrel	nbproglTB	IRLebv	IRLrel	nproglRL
1	LIMFRAM002394026537	S018	19941214	0.02	0.55	40	-3.60	0.66	1
2	LIMFRAM008792050517	HIO	19920316	0.05	0.74	135	-3.50	0.78	7
3	LIMFRAM001932727915	ZBB	20061010	0.06	0.68	300	-3.30	0.58	10
4	LIMFRAM001932592744	S1055	20061203	0.07	0.72	336	-3.30	0.61	13
5	LIMFRAM008794008403	JRS	19940912	0.04	0.85	552	-3.20	0.87	39
6	LIMFRAM002394027476	S010	19941206	0.03	0.55	56	-3.10	0.57	0
7	LIMFRAM008788000425	DCU	19880109	0.03	0.75	394	-2.90	0.79	11
8	LIMFRAM001987011658	CUR	19871208	0.01	0.85	1999	-2.80	0.66	53
9	LIMIRLM221062760033	F137	19990926	0.01	0.76	104	-2.80	0.91	131
10	LIMFRAM001618184328	S1146	20010817	0.12	0.80	518	-2.80	0.61	1