

SMARTsig Confidential 7.03, March 2000

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*April 2000, issue 7.04, is scheduled for
posting on March 30th.*

SMART UP FRONT

The intelligent choice

Checking the bookmaker's skills

We've published figures before displaying just how accurate are horseracing SPs in their relationship to actual winners.

Rather than creating new figures, I dipped into our archives and pulled out figures we published in 1995.

First column is the actual returned SP, the second column represents the percentage chance represented by the SP, and the final column is the actual percentage of winners in each SP category.

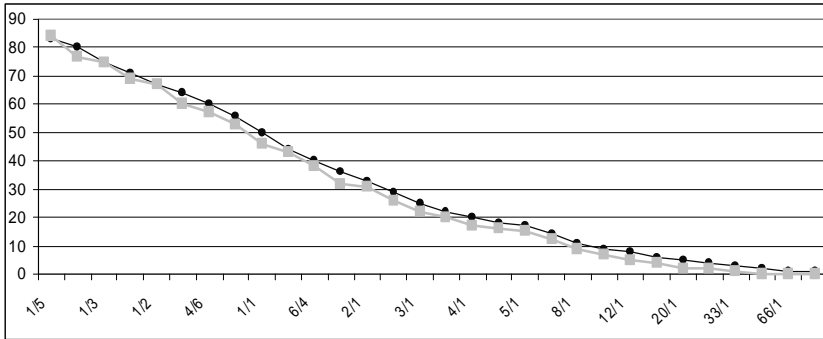
When plotted as a graph the two lines of odds% and actual% run very close, as can be seen in the illustration at the top of the opposite page.

The thin black line with black circle data points is the SP, the grey line with square data points represents actual results.

On such a graph, should the 'actual' line move *above* the SP line, the bookie is losing money in that area and the punter is winning.

Odds	Odds%	Actual%
1/5	83	84
1/4	80	77
1/3	75	75
2/5	71	69
1/2	67	67
4/7	64	60
4/6	60	57
4/5	56	53
1/1	50	46
5/4	44	43
6/4	40	38
7/4	36	32
2/1	33	31
5/2	29	26
3/1	25	22
7/2	22	20
4/1	20	17
9/2	18	16
5/1	17	15
6/1	14	12
8/1	11	9
10/1	9	7
12/1	8	5
16/1	6	4
20/1	5	2
25/1	4	2
33/1	3	1
50/1	2	0
66/1	1	0
100/1	1	0

Horserace Starting Prices vs. Actual results



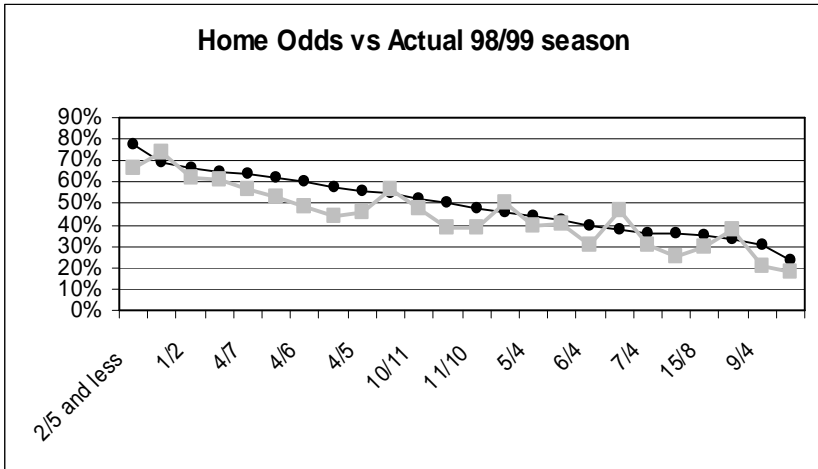
Where the actual line stays below the SP line, the odds are in the bookmakers favour. No surprises then to see the relationship between the two stay just in the bookies favour along its full length.

Starting prices however are very much a market driven figure. The bookies may establish a market in the first instance, but the weight of money, public interest and the satchel man's 'book' shape the final declared SP.

In fixed-odds betting however, such as the weekly soccer coupons, the bookmaker's skill is really put to the test. He has no opportunity here to 'feel' his way to the eventual price using the normal indicators of where the money is going. He can try to anticipate where most of the money may be, but it is basically down to his expertise in framing the correct odds to the correct game.

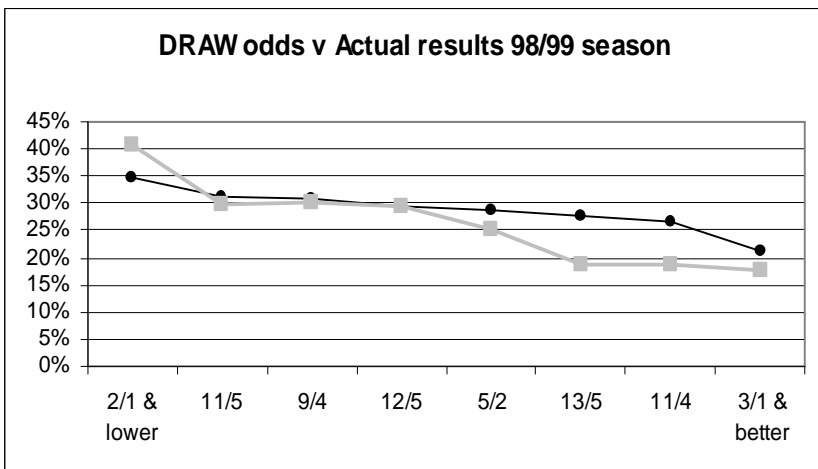
We can check out his skills in this area in much the same way as we have previously tested the accuracy of SPs. Make a note of what odds he's offered for a home win, convert this to a percentage chance, then finally compare his odds percentage with the actual results. The same procedure can of course also be performed on draws and away wins for comparison purposes.

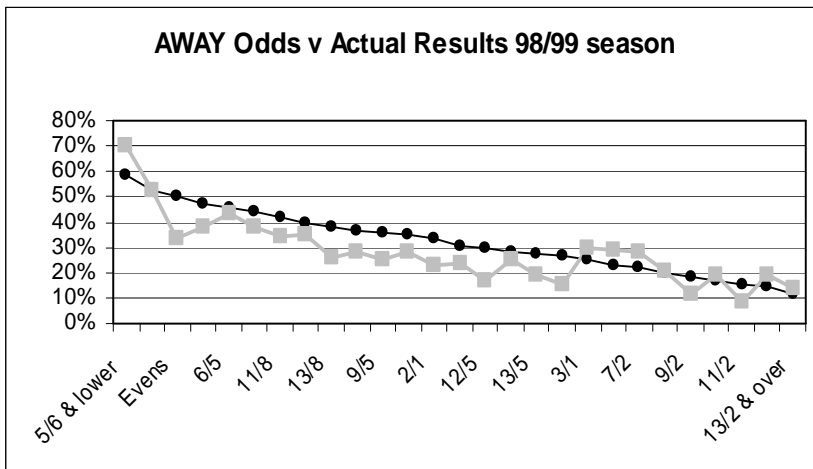
The coupon and odds supplier chosen was Ladbrokes and I used data from the 1998/99 domestic season. A total of 1,614 games were analysed, both cup & league games from the English divisions.



The data markings, i.e. grey square data points on grey lines represent the 'actual' percentage of results. Wherever this line strays *above* the black Odds% line is where those odds represent a positive return to the punter (at least over the 1998/99 season sampled).

In summary then, grey line above the black line - odds offered favour the punter; grey line below the black - the odds are in the bookmaker's favour.





Not so easy then for the odds compiler to assess odds using nothing more than his own skill and judgement, but overall for the three graphs shown he's not done too bad a job of it.

It looks as though he's got the home wins sussed, but this may also reflect the fact that much of the fixed-odds money goes in that direction - he can therefore afford to reduce the odds available across the board.

There does appear to be one or two areas in draws and aways though where the astute punter may be able to glean a little 'value'. Surprisingly (at least to me) it seems that the heavily fancied draws and aways can actually offer a good return for backers. For some reason, away backers in the 7/2 to 9/2 range seem to do quite well too.

On the other side of the coin, Ladbrokes (and presumably other bookies too) make a good killing from those punters betting around the 5/6 to 4/7 range for home wins. they're also well in with most draws offered at over 5/2 and aways offered at between even money and 3/1.

Maybe not the news the fixed-odds punter was looking for, but the bookies look to have left very few holes for us to exploit.

One little five-letter word - value. There are those who dismiss the term as flawed, others who will fight its corner to the death. Will each ever truly understand the other's point of view?

GAMES FOR HORSEPLAYERS

Bob, Edinburgh

Methodmaker (Philip Alexander) in the February 5 issue of Raceform Update wrote that he did not regard value as an essential ingredient in betting, arguing that value as a concept depended on personal opinion and was therefore flawed.

Well, yes Philip, but we might ask isn't all gambling a matter of personal opinion? Including the inferences you draw from your own researches?

The Methodmaker column specialises in systems based on past statistics but many would argue that these are no more valid than predictions, say, based on hunches about out-of-form horses which look particularly well in the paddock or on other even more private information and insights. This may be heresy to systemites but is something which experienced racegoers would have little difficulty in demonstrating.

The crunch test for analysts of past data is to show its relevance to the present and the future. It is not always evident to me that systems can pass the test. For example, a dark suspicion hangs over the recent Jim Streek/Philip Alexander Daily Mail Formcast/Four Day Plan that it might not survive the test of time.

This is because Martin Kilgariff's data on the Four day plan suggested that there were three losing years for the plan in the early nineties.

To return to the question of value I suspect that many punters understand different things when they use the word. However Peter May in Forecasting Methods for Horseplayers offers us a very precise definition of value when he states on pages 69-70 that

profitable betting in the long term depends on the punter's skill in 'associating a probability with each prediction that can be compared to the prices offered.'

Before Peter May many others of course have said much the same thing. Unfortunately as I have discovered in writing to Raceform there appears to be a gap between what we write and what others think that we have written. Presumably this is because we are all at different stages in our experience and our minds meet only imperfectly. Ah, well . . .

Mark Coton, founder of the Racing Post's authoritative Pricewise column wrote the first key work on Value Betting. Mark explores a wide variety of possibilities for obtaining value and appeared to have a thorough grasp of his subject. Sadly, his merit as a punter was said not to match his skills as a theorist.

As we have all experienced, the gulf between practice and theory is a wide one and Mark suffered from the common journalistic belief that high prices are value prices. And after a long series of disastrous betting it was reported in the press that Mark had given it up. I hope that he has now seen the light and is now back in harness.

I find it strange that Mark Coton did not follow his own advice. The belief that one winner at any odds is better than an infinite number of losers at long odds makes me smile. This is true of course but Mark Coton answered this objection himself when he wrote that the trick is to say which is which before racing takes place.

In real life pre-race analysis it is almost commonplace to read analysis along the following lines.

'Fast Foot has run up a sequence of wins and looks un-opposable here. The champion jockey rides and his trainer has him spot on. The opposition is non existent and consequently Fast Foot is at a prohibitive price. Those looking for a price might care to try Wild Shot. Although pulled up last time and badly out of form, he is nevertheless the pick of the rest and at long odds, he is the value call.'

Okay, this is over the top a bit but there can be only one reaction to this kind of thing. Ugh!

Nevertheless this simple analysis succinctly summarises the whole problem of backing horses.

It is a virtual certainty that any systemite would be on Fast Foot here. This is because he is bound to be following a form rule of one sort or another. (I do not regard lucky number, name or colour punters as systemites. Although there is a possibility that they may well be following some randomising line of thought, of course.)

Professional punters who are all value punters to a man (and woman) would be more concerned in considering whether Fast Foot was at a value price or not. Almost certainly Wild Shot would not come into their reckoning at all. Unless they knew something that the general public did not.

When we use the term 'general public' this includes all those following public form and thus includes our systemite friends.

So what is the professional approach for long term bettors? Can we say for certain that professionals must bet for value? Every time? I believe that value is an essential consideration for punters. More. It is the prime consideration.

Many will be familiar with games theory developed for dealing with competitive situations in the real world. War games is probably the best known application where general staff must work out their best strategies when the enemy staff also use their best strategies. But games theory has business uses too.

We can be sure that the book-making accountants are well versed in games theory and have the computers to develop their best strategies. Consequently SMART punters must understand what they are facing.

The contest between backer and bookmaker can be described as a game between two opponents with the losses of one exactly balancing the gains of the other. If we ignore the other punters and

the taxman for the moment, this can be shown by a pay-off matrix for a game with the following rules.

The bookmaker prices the horses so that the most likely winner is the shortest price and the least likely is the longest, the punter bets the most likely winner; the race is run and bets are settled according to the result.

Value matrix

The pay off matrix from the punter's point of view is as follows;

	Bookmaker offers Long Price	Bookmaker offers Short Price
Punter's choice Good Chance	(A) VALUE bet	(B) DOUBTFUL value
Punter's choice Poor Chance	(C) DOUBTFUL value	(D) NO value

A value bet is one where the return more than compensates for the risk taken in handing over a stake to the bookmaker.

Thus a horse with a probability of winning of $p=0.2$ and of losing of $p=0.8$ would be exactly and fairly priced at 4/1. A value bet would occur if the bookmaker offers 5/1 or more about such a horse. If he offers less we have a no value bet.

As demonstrated in issue 6.07 value has two dimensions to it, the chance of a horse and its price.

A no-hoper can never be value, even at 100/1. So why these should be put up as so-called 'value' alternatives is a fundamental misunderstanding of value. And conversely, a hot-pot with one danger to worry about has to be evens at best; it can never be value at money on!

Choosing the best strategy within the matrix

What is the bookmaker's best winning strategy? Well what is his chief objective? Simple, it is to maximise his profit. This occurs when

the highest volumes of money are bet in Box D within the matrix, i.e. in the no value cell.

Big profits for bookies are bad news for punters. Lesson one for the punter must be never to bet when there is no value.

The bookie must first ensure the biggest possible share of the market. The more mug punters the better. Pack them into the betting shops, get them flocking round the betting joints.

How? He offers prices that are as attractive as possible on the horses he considers to have little chance. Barry Dennis' *Bismarcks* are excellent examples of how good he is at taking on horses favoured by the public but with little real chance. Take note of Barry's reasons for rejecting horses and you will learn something about betting horses in Box B which might more properly be considered as D's.

The market is often a strong guide to Box B. This will most commonly include favourites on the drift. But never forget the Harman Effect and that Box A plums can be plucked from Box B too.

As I write I become aware that the problem is a lot more complex than I have appreciated. I have placed drifting favourites into Box B but there is an equally good case for arguing that they might just as well belong in Box C since they are lengthening in price.

This brings home the dangers of such simple analysis.

The bookmaker's biggest weakness of course is in over laying the live horses. He has to price them up or he will have no business at all but on the other hand, he must not extend his liabilities in such a way that he pays out, in the long term, more than he takes in. This is how his money is made. The bookmaker is both a salesman and a book-keeper. This of course is why the bookmaker shouts the odds, the clerk keeps the book.

The punter's best strategy is also to maximise his profit. He can only achieve this in the long term by betting in Box A i.e. by betting the horses with the best chances and only at value prices.

The placing of the horses within the matrix is the nub of the problem for the punter. When he bets a good horse he may doubt whether he is dealing with an A bet or a B. And again when he finds a horse he fancies offered at a longer price he may doubt whether he is looking at an A or a C.

The optimum strategy

There are probably only two qualities necessary to be a successful bettor.

1. You must consistently select winners.
2. You must always obtain value in your betting.

It would be interesting to hear what other SMARTies think about value betting and indeed, if I have misunderstood Philip Alexander's line of reasoning in his Methodmaker articles, I will be more than delighted to be 'chalked off' by him in due course.

I have been developing my arguments as I go and perhaps if Stefan is willing I might be allowed to return to this theme in a future article. I believe that there is a tad more to value than meets the eye and I would love to go through a very well known betting strategy with a view to illustrating my argument further.



Looking forward to your further musings Bob. In the meantime there's extracts from a 'value' email discussion on page 35 of this

THE SHREWDER SEX

Research coming out of America suggests that women are far better gamblers, bettors and investors than men. Amongst the finding it is suggested that they do more research prior to putting money down and when things go wrong are able to deal with the situation far more rationally.

CHELTENHAM FESTIVAL BETTING 2000

SMARTsig

Title: Cheltenham Festival Betting Guide

Price: £5.00 (+£1.50 p&p)

Published by: Weatherbys 01933 440077

With a publishing date of March 2nd. this, the first such guide from Weatherbys is out just a little too late for a full review. However, the publisher kindly forwarded some pre-press examples in order we could offer a brief appraisal.

From the few pages reviewed it looks to be the sort of handy publication well suited to a SMARTsig reader. If you're serious about making a profit (again?) this year, it looks as though this source of facts, figures and statistics may well go some way in helping you to better formulate your final selections.

A racecard for each race shows much the same as your average morning paper but with the addition of brief details of each declared runners last run. A record of the race favourites and an indication of the winners average SP. All the statistics are gleaned from the most recent 10 years.

Below each race is an analysis of the age of past winners, a betting guide, which again draws heavily on conclusions from past results. A paragraph on 'Stables to Respect' and 'Stables to Beware' is followed by a look at significant preparatory races and any other relevant influences. The statistics section is concluded with a summary of all the above.

The race example I viewed, the Royal & Sun Alliance, had two further sections one a recap of last years race and finally a race summary by Peter Scudamore.

Added to the thorough breakdown for each race, you'll also find analysis of the Irish challengers, an article from Alan Potts, full trainer statistics and even a chance to win £100 of books. From my brief first view of the Weatherbys Cheltenham Festival Betting Guide, I'd say you'd be getting excellent value for the asking price of just fiver!

SMARTsig

In the rapidly changing electronic age of betting and bookmakers we will be endeavouring to maintain an up to the minute directory of low-tax, no tax and concession bookmakers. Where possible we give a brief outline of the services offered by each individual firm and contact details.

UK Bookmaker Directory (as of February 21, 2000)

(Times are based on UK clock unless otherwise stated.)

<i>Organisation</i>	<i>Contact information & brief trading details</i>
All Sports	0191 266 8782 4% tax
Alpenland	0043 5552 67600 Tax free Austrain based sports betting, including European soccer. Credit cards accepted, but carry 4% surcharge.
Anglia	01473 289977 Best SIS (not Wolverhampton AW if sole evening meeting) existing accounts only Best early price of Hills, Lads, Corals, or SP if greater Maximum stake £65 win/ew for best show. For new accounts 50% best show 50% SP.
Barry Dennis	E-mail bd@barrydennis.co.uk . Web: www.barrydennis.co.uk/
Bet Direct M-F 10.00-8.00 Sa 9.00-8.00 Su 11.00-6.00	0800 211222 Debit cards accepted. Limited racing Super Soccer allow trebles betting on all football. £5 minimum bet
Bloxhams 9.30am	0181 524 4411 8% tax
Boyles (Ireland) M-Sa 0900, Su 1030	Freephone 0800 028 1304 www.boyle-bookmakers.com/ 5% tax. Credit cards. Payout on double result UK & Irish horseracing. teletext Racing Ch. 362
Bruce Betting M-Su 1000	00 3531 6284350 5% tax. Credit cards. Early odds most races from 1015. (view at www.brucebetting.com) Payout on double result. All ew handicap bets quarter odds (including multiple bets) ew on first 5 in 23+ runner handicaps. Triple SP with only one winner Lucky 15, 31 or 63. If early live show price is taken and SP is higher, pay-out is at SP (singles only & maximum £200)
Cashmans (Ireland) M-Sa 0830, Su 1100	00-3532-1271770 Credit cards 5% tax www.cashmans.ie/ - Email cashmans@indigo.ie Early prices all UK & Irish races from 0930

<i>Organisation</i>	<i>Contact information & brief trading details</i>
Corals Debit M-F 0930, SA 0900, SU 1100 Open Until 2245 For Greyhounds.	0800 242232 Minimum stake per call £5
Corals Credit M-F 0930, SA 0900 SU 1100 Open Until 2245 For Greyhounds.	0800 123777 Minimum stake per call £5
Crown 9.30	01243 263073 Corals early prices
Demmy	0161 745 7070 Switch
Heathorns	01483 418181 for credit accounts. 01483 860123 for debit cards Min. stake £5 Quarter odds first 5 for golf.
Jack Brown	UK Freephone 0800 052 1621 Outside UK +44 1443 409417 Debit Cards
Joe Jennings	0500 521421 Switch. Advertise live football odds
John Wood Betline M-F 9.30, Sa 9.00, Su 11.00	0800 0345 421 All sports betting 7% tax. £5 minimum bet PGA Golf, each-way first 5. Win yankees tax-free. 10% bonus to league football 5-timers
Knights	0800 0925521 Matches best early price of major bookies Pay-out on double result 10% free bet Refund (£100 max) for hurdle faller, chase < half len., shhd 2nd Matches any football coupon 7% tax, £20,000 max ?
Krullinds 7.30	0800 0749419 http://www.barrydennis.co.uk/kru.htm 01473 711212 credit/deposit Refund (£500 max) for hurdle faller, chase < half len., Sh hd 2nd EW quarter all handicaps, full payout for d/heats and double result Tax free soccer (Super Soccer, trebles and higher) Debit cards accepted, credit cards only for settling accounts. Extra early price races (first 4 in betting) from 0930am. Odds as per Stan James, restricted to £100 win singles only.
Ladbrokes Debit M-F 9.30, SA 9.00, SU 11.00 Open Until 2245 For Greyhounds.	0800 524524 www.ladbrokes.co.uk Minimum stake per call £5
Ladbrokes Credit M-S 9.30, SU 11.00 Open Until 2245 For Greyhounds.	0800 624624 Win and show betting available; enhanced placed terms for 2nd place (8 runners +) Minimum stake per call £5

<i>Organisation</i>	<i>Contact information & brief trading details</i>
Ladbroses International (Gibraltar) M-F 0930, SA 0900 Open Until 2245 For Greyhounds.	Freephone UK 0808 1001328 New accounts: from UK 0808 1000524 Minimum stake £10 subject to 3% surcharge Debit and credit accounts
Manny Bernstein Deposit 9.00	0800 821821 Switch £100 min Sky 378 www.mannybernstein.co.uk
Manny Bernstein Credit 9.00	0800 821821 Matches best early price major bookies Football trebles accepted (Super Soccer) Pay-out on double results, win/ew singles to 4-folds up to max £5,000
Max Thomas	0800 585326 Credit / deposit Any size of bet. Tax concessions
Multi Sports 10.00	0800 9179197 (outside UK ++1236 752828) 7% tax Debit cards & Deposit only. Teletext Racing Ch 369, C5 387, Sky Sports 1 369, 375, 377 Trebles & Upwards 3% tax. Outright golf bets 3% tax. Refund (£100 max) for hurdle faller, chase < half len., Sh hd Golf US PGA & Europe ew quarter odds 1,2,3,4,5
Offshore Betting (IOM) 10.00 Daily	+44 (0)1624 620000 www.betinternet.com Tax free for non-UK or IOM addresses. Debit cards. Credit cards (1% surcharge)
Paddy Power (Ireland) 10.00	UK Freephone 0800 912 1001 Ireland 353 1 40 40 100 www.paddypower.com Credit cards 5% tax Bets accepted in UK. Early prices most races. Payout on double result UK & Irish racing
Pinnacle Sports	Tax free. Claims to never close winning accounts or 'knock-back' bets. Offshore bookmaker we're told will be establishing a freephone number for UK callers. The following two USA toll-free numbers can be used, free from USA, but UK callers will pay the International connection. 1-800-5990550 1-800-5999449 (New Accounts)
Rhodes	01706 868866 8% tax Tissue prices.
Sean Graham M-Sa 0900-2000 Su 1130-2000	08701 244366, (01232 244366) (01) 662 8800 (Eire) www.seangraham.com 8% tax Early prices all UK & Irish races from 0900 (except Bank Holidays - when SIS is followed). Show prices, including 1st show and first past the post available. Tote Direct facilities for account holders. All major credit & debit cards accepted. Teletext C4 616
Simon Bold Gibraltar Ltd. M-Su 0900	UK Freephone 0800 151515 No tax but 3% admin charge. Credit & deposit accounts. Debit & Credit cards accepted. Early odds all races. Teletext , Racing Ch. 365, Sky Sports 1,2,3 p289, C5 p365

<i>Organisation</i>	<i>Contact information & brief trading details</i>
Sovereign	0845 600 4004 www.sovereignbookmakers.com Based in Bury St. Edmunds Tax-free up to £20, 5% tax on higher stakes. Early odds all races from 10:00am Switch/Delta/Solo accepted
Sportingbet	Freephone 0800 0280348 (outside UK +44 1481 825000) www.sportingbet.com Bet tax free from UK. Alderney (CI) based firm. On-line betting £5 min. stake. Telephone betting £50 min. stake. Deposits only.
Stan James UK Open 24 Hours	0500 341134 Extra early prices on many races (first 4 in betting) from 09.30 Teletext ITV p. 632
Stan James Offshore (Gibraltar) Open 24 Hours	Admin 0800 3580012. Betting 0800 3580011 Outside UK (Admin: 00-350-44002 Betting 00-350-44000 Fax 00-350-44003). Min stake £10. All bets subject to 3% surcharge Accounts can be settled by Switch/Delta cards
Stanley	0990 134414 Credit only
Sunderlands M-F 9.30, Sa 9.00 Su 10.30	UK Freephone 0800 7836849 Outside UK 01817 600600 www.sunderlands.co.uk/ Switch £20 minimum. Yankees & upwards tax free. Sky Text page 282 Horsereading: Quarter odds a place first 5 for 7 leading races per year. Golf: Quarter odds a place first 5 for all US & European events.
Sunderlands Credit	0181 681 2345 www.sunderlands.co.uk/ Early prices most races Accepts football trebles Horsereading: Quarter odds a place first 5 for 7 leading races per year. Golf: Quarter odds a place first 5 for all US & European events.
Surrey Sports International 9.30	01481 824570 ITV teletext 399, Sky p387, CNN 247 Tax free, deposit accounts, but a 3% surcharge on debit card bets. £200 switch minimum
Surrey Onshore 10.00	01932 888333 Switch. Payout on double result
Toals	01574 272089 www.toals.co.uk/
Tommy French	New accounts: 01762 322420 www.betodds.co.uk 01762 343280 Email: betodds@freenetname.co.uk Debit cards. 9% tax.
Tote Switch M-F 9.30, Sa 9.00	0800 825550 www.tote.co.uk
Tote Credit M-F 9.30, Sa 9.00, Su 10.00	0800 825825 (to open an account 08002 69188) Min stake £5
Tote Ireland	00-3531-2895000 www.tote.ie 5% tax Bet into Irish tote pools in Irish Punts

<i>Organisation</i>	<i>Contact information & brief trading details</i>
Victor Chandler Int. M-F 9.00, Sa 9.00, Su 10.00	0800 0979797 New accounts 0800 0979796 3% surcharge Credit/deposit Text Channel 4 620/621 Each way quarter odds for all claiming races. 16 runner handicaps, guaranteed each way quarter odds 1,2,3,4 even if non-runners reduce field size. Soccer singles accepted UK Premier, German, Spanish & Italian top leagues. NOTE: Early prices (except Racing Post Pricewise odds) not available until 11.00
Victor Chandler On Course	Tax free (betting on course only) On rails at major meetings of the day, opens 45 minutes before first race. New accounts 0870 8000800 Credit/deposit (£100 min. Debit cards)
Vickers 9.00	0800 212700 debit card Pay-out on double result (singles and win part of each way singles). Limit £2,500 on bets up to £250. 16 runner handicaps, guaranteed each way quarter odds 1,2,3,4 even if non-runners reduce field size. 12 runner handicaps guaranteed each way quarter odds with non- runners. Comprehensive selection of early price races (all quoted), available from opening time. Full cover yankees & bigger tax-free. Tote bets taken (into Tote pool).
William Hill International (Debit) M-F 9.30, SA 9.00, SU 11.00 Open Until 2245 For Greyhounds.	0800 148149 (3% tax) From outside of UK (+44 800 3571 3571) Bets accepted for opening SIS show
William Hill UK (Credit) Open Until 2245 For Greyhounds.	0800 767767 Currently standard rate tax (9%), but aim to be 3% tax shortly.
Worldsports 9.00	01923 894000 (Credit) Early prices most races Pay out on double result & full odds on d/heats Rule 4 deductions of 5p & 10p waived Forecast & Tricasts rounded up. Multiples tax free Guaranteed Odds for Showcase races. EW Golf bets to 10th place. February 2000 All bets TAX FREE (except singles)

Our sincere thanks to all those who helped compile the original directory and those assisting in maintaining its accuracy.	<p>SMARTsig members:</p> <p>Major contributions from Paul Montgomery, David Barnard, and others.</p> <p>Bookmaker co-operation to date, for enthusiastic & direct support, our sincere thanks to:</p> <p>Blue Square, Easybets, Sean Graham, Tote (UK), Sports Interaction, Centrebet, Bet Exchange, SSP International, IG Index, SpreadEx.</p>
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TELETEXT PAGES for early odds

Firm	RacCh	SkySp1	ITV	Ch4	Ch5	CNN
Bet Direct	372	372		378, 368		
Boyles	362					
Coral	366	366		611-613		
Eurobet Sports Coral		358				236-9
Heathorns		363				
Interbet Int	399	399		617	344	
Jack Brown		380				
John Wood	371	371				
Ladbrokes	373	373-4		605-606		
Ladbrokes Int	374	351		607 & 617		
Manny Bernstein		378				
Multi Sports	369	369, 375, 377			387	
Offshore Betting		291				
Paddy Power	379	379				
Sean Graham				616		
Simon Bold (Gibraltar)	365	289			365	
Stan James	364			633	364, 367-8	
Stan James (Gib)		364, 367- 8, 389		632		
Sunderlands		282				
Surrey (Offshore)		387	399			247
Surrey (UK)		387				
Tote	376, 386	376		667-8		
Victor Chandler Int (Gib)	327	286-8		618 620-1		
Victor Chandler on-course	370	370		619		
William Hill International	359	384		601-603		

SPREAD BETTING PAGES	Rac Ch	SkyS1	ITV	C4	C5	SkyNews
City Index				609, 699 (financial)		
IG Index		365, 385	538	608	385	
Sporting Index	361	361		604	381	
SpreadEx		360 (dlg 281)		660	360	
William Hill Index		383, 359		600		
Financial Spreads (Sporting Index)					421	271

ENGLISH LANGUAGE INTERNET SITES

(tax free/reduced tax , non-UK and on-line exclusive companies only)

NOTE: This list is primarily for on-line, Internet betting ONLY.

(although some firms may also be listed elsewhere)

For telephone betting consult the 'telephone bookmakers' list.

Company	URL	Brief details
Alpenland	www.alpenland-online.at	Austrian based sports betting (inc. European soccer). Credit cards (4% surcharge) Bets also accepted by 'phone 0043 5552 67600
Bet &Win	www.betandwin.com	Tax free Austrian based sports betting (including skiing & European soccer). Credit cards (5% surcharge). No minimum stake. Email adjudant@betandwin.com. Tel: 0043 5522 83292
Bet Exchange	www.bet-ex.com	Sports betting exchange based in Belgium. Bet anonymously against other gamblers worldwide. Minimum stake US\$500. Credit cards, bank transfer, Western Union.
Bet Internet.com (Off-shore betting.com)	www.betinternet.com	Tax free sports betting for non UK residents. Debit cards. Credit cards (carry 1% surcharge)
Blue Square	www.bluesq.com	A few tax free offers e.g. golf. Sports betting site run by City Index in UK (formerly called BETonline). Tax-free until March 21, 2000 (after which position will be reviewed) Minimum stake 50 pence! Maximum of £300 on early odds. Open 24 hours. Live shows on 2 UK meetings daily. Debit & Credit cards.
Bruce Betting	www.brucebetting.com	Sports betting and horse racing. Based in Ireland. Tax 5%. UK and Irish horse racing. Early prices almost all races from 1015 Quarter odds all handicaps (including multiple bets), EW first 5 for 23+ runner handicaps. Double result payouts. If early live show price is taken and SP is higher, pay-out is at SP (singles only and max £200) Stakes returned if horse fails to start (singles). Triple stakes SP if only 1 winner Lucky 15, 31 & 63 'Phone 00-3531 6284350 Open 10.00am M-SU
Bowmans International	www.bowmans.com www.betdirect.com	On-line tax free sports betting from the Isle of Man and Mauritius, via www.betdirect.com (soon) (unconnected with UK company 'Betdirect') Email: info@bowmans.com
Centrebet	www.centrebet.com Email: centrebet@centrebet.com	Tax free sports betting, Australia based. Phone: +61 8 8955 5800, Fax: +61 8 8955 5750 Australian, North American & Euro currencies (but not UK£). English & Euro languages. Visa, Mastercard. Open 24 hours, 363 days per year. NT Australian Government licence, established 1992

Company	URL	Brief details
Eastwood	www.eastwood-bookmakers.com	Under development.
Easybets	www.easybets.com	On-line tax free sports betting from Antigua.
Eurobet Sports Coral	www.eurobet.com	On-line tax free sports betting. 0800 440011
Golfbet UK	www.golfbet.co.uk	UK based aimed for USA users. Golf bets tax free as tax is absorbed into the prices.
Greenbet	www.greenbet.com	Appears closed down has been off-line 2 weeks now.
Interbet International	www.inter-bet.com	Internet on-line tax free betting. Luxembourg based. Sports and horse racing. Freephone UK 0800 0718718, outside UK +44 8707 470646. Help-desk 0870 2000238 Early prices from 1000
Interwetten	www.interwetten.com/ interwetten/default.asp	On line sports betting from Austria. No betting taxes.
Ladbrokes	www.bet.co.uk	Tax-free (initially) on-line sports betting (currently soccer only) Contact bet@ladbrokes.co.uk Helpline 0800 7314171
Ladbroke Gibraltar	www.ladbroke.gi	Tax free for non UK residents only.
Ladbrokes International	www.ladbrokes.com	Gibraltar based Going live soon. Details on 0808 1000 524 (00 350 78840 outside UK)
Lionbets	www.lionbets.com	On-line tax free sports betting presumably non-UK residents only.
NetBet Ltd	See Sportingbet	
O'Halloran (Luvbet)	www.luvbet.com	Irish bookie who absorbs the 5% tax, with early prices for all UK races. Live betting shows. Pays on double result. Bets on UK & Irish Lotteries Betting in Irish Punts only (maximum 500.00 per race) Credit cards accepted. Open 24 hours. helpdesk@luvbet.com - Tel:(Ireland) 00-3530-2492612
Paddy Power	www.paddypower.com	On-line betting very soon at 5% tax info@paddypower.ie OR 'phone 00-353-1-459-8811
Scandic bookmakers	www.scandicbookmakers.com	Sports betting from Denmark.
Sportsbook	www.sportsbook.com	Offices in UK, USA & Australia. Very wide range of sports and world-wide soccer.
Sports InterAction	www.sportsinteraction.com	Tax free sports betting, Canadian based (first on-line sportsbook in North America) Credit cards accepted. Open 24 hours. Minimum deposit \$20 Full range betting options all sports - US & European
Sportingbet	www.sportingbet.com	Bet on-line tax free from UK Alderney. Min £5. Also by phone (min. stake of £50). Deposits only. Freephone 0800 0280348 (or +44 1481 825000). Sports betting and horse racing. Early prices on many races. SP bets accepted on all meetings in UK & Ireland. Credit cards accepted on-line, Debit cards via telephone. No surcharges. Phone line normally opens 0900.

Company	URL	Brief details
SSP International	www.ssp.co.uk	UK & Belgium based sports betting. Tax-free for non-UK residents only. Credit cards, bank transfers, Western Union.
Stan James (Gibraltar)	www.stanjames.com	Early odds horseracing from 10:00am
Surrey Sports International	http://209.237.134.112/	Email info@surreysports.com
Tommy French	www.betodds.co.uk Email: betodds@freenetname.co.uk	Based in N. Ireland. Odds can be sent by email.
Totalbet	www.totalbet.com Admin = support@totalbet.com	Sports betting and horse racing. All on-line betting at 2% tax. Bet on-line into UK Tote pools soon.
UKbetting.com	www.ukbetting.com Admin = admin@ukbetting.com	On-line betting from UK. Sports bets 7% tax; UK horse racing showcase race betting tax free. Credit cards.. Greyhound bets. Live show horseracing.
Victor Chandler International	www.victorchandler.com	On-line betting. Help-line: 0800 097 3344
Victor Chandler Superbook	www.superbook.com	Worldwide sporting events. Tax free. Email superbook@vcint.com Minimum bet US\$50.
WebSite Wagers	www.websitewagers.co.uk	New site under development
William Hill	www.williamhill.co.uk Admin = webmaster@williamhill.co.uk Phone 0113 2912487 (0930 to 1730 hrs)	On-line sports betting, anti post horseracing and principal greyhound races. 5% surcharge. Deposits by debit card only.
William Hill	www.willhill.com Email queries questions@willhill.com	TAX FREE (including UK residents) 19 different currencies. 33% cash-back on first bet (maximum 50 UK pounds) Accept Football singles (odds given Euro style) Credit cards accepted (2% surcharge)

Whilst we make every effort to ensure all of the information given here is correct, such is the pace of change in this area our directory will require continuously updating. If you spot any errors or know of any changes we need to record, or an important source is missing from our list, please let us know in order we can correct it without delay.

With all financial dealing you are urged to exercise due caution and satisfy yourself as to all terms & conditions before entering commitments.

UK Spread Betting Firms

Company	Brief details
City Index	Trading (sports): 0171 861 5000 Trading (financial): 0171 851 5555 Accounts: 0171 550 8580 Internet: www.cityindex.co.uk Teletext: C4 609, 699 (financial)
Financial Spreads (Sporting Index)	Trading: 0800 096 9625 Accounts: 0800 096 9620 From outside UK: +44 207 332 9400 Internet: www.finspreads.com Teletext: C5 421, Sky News 271
IG Index	Accounts: 0500 913911 Trading: 0500 911911 From outside UK: +44 1471 896 0011 Internet: www.igsport.com (with ON-LINE BETTING) Financial: www.igindex.co.uk Teletext: C4 608, C5 385, Sky Sports 1 365, 385, ITV 538
Sporting Index	Trading: 0800 096 9625 Accounts: 0800 096 9645 Internet: www.sportingindex.co.uk Teletext: C4 604, Sky Sports 1 361, C5 381, Racing Ch 361
SpreadEx	Now Trading. New Accounts: 0800 052 6575 Sports: 0800 052 6576 (also 6577, 78 & 79) Financial: 0800 052 6570 Internet: www.spreadex.com
William Hill Index	Trading: 0800 280300 Accounts: 0800 300320 From outside UK: +44 171 705 5441 Internet: www.williamhillindex.co.uk Teletext: C4 600, Sky Sports 1 383, 359

Placement Agencies

Allied Placement Services	07000 781956
BMS	0151 280 6743
TBA 8.30-1.15 (NOT AW)	01273 549200 www.tbahove.com Never closes winning accounts

Shopping around for the best tax or concessions deals is a good move, but not if it's at the expense of the overall return.

Table of Returns for Different Tax Rates per Bookmakers Odds

Martin Ray

The table overleaf is to help you decide which bookmaker is offering the best return for your money for an event on which you are going to bet. The table looks at the returns where tax has been paid on.

For each bookmaker in turn, run down the odds column until you reach the odds being offered and then move right until you reach the column for the tax your bookmaker is charging and make a note of the return. The highest return indicates where you should place your money.

A worked example for three horses running in for the Told Gold Trophy 12th Feb for Early odds using www.willhill.com at 0% tax, www.totalbet.com at 2% tax and Ladbrokes local betting office at 9%

Horse	Hills Price	Hills Return	Totalbet Odds	Totalbet Return	Ladbrokes Odds	Ladbrokes Return
Geos	6/1	7.00	7/1	7.98	7/1	7.91
Copeland	14/1	15.00	14/1	14.98	16/1	15.91
Rainbow Frontier	20/1	21.00	20/1	20.98	20/1	20.91

If there were the three horses you were interested in, the table would have indicated to you your money should be placed with the following bookmaker for each horse.

Geos with TotalBet
 Copeland with Ladbrokes
 Rainbow Frontier with Hills

Tax rates/Return table over the page

Return for 1 point, tax-paid on stake for different tax rates.

Odds	0%	2%	2.5%	3%	5%	9%
1/10	1.1	1.08	1.075	1.07	1.05	1.01
1/8	1.125	1.105	1.1	1.095	1.075	1.035
1/7	1.14	1.12	1.115	1.11	1.09	1.05
1/6	1.17	1.15	1.145	1.14	1.12	1.08
1/5	1.2	1.18	1.175	1.17	1.15	1.11
2/9	1.22	1.2	1.195	1.19	1.17	1.13
1/4	1.25	1.23	1.225	1.22	1.2	1.16
2/7	1.29	1.27	1.265	1.26	1.24	1.2
3/10	1.3	1.28	1.275	1.27	1.25	1.21
1/3	1.33	1.31	1.305	1.3	1.28	1.24
4/11	1.36	1.34	1.335	1.33	1.31	1.27
2/5	1.4	1.38	1.375	1.37	1.35	1.31
4/9	1.44	1.42	1.415	1.41	1.39	1.35
1/2	1.5	1.48	1.475	1.47	1.45	1.41
8/15	1.53	1.51	1.505	1.5	1.48	1.44
4/7	1.57	1.55	1.545	1.54	1.52	1.48
3/5	1.6	1.58	1.575	1.57	1.55	1.51
8/13	1.62	1.6	1.595	1.59	1.57	1.53
4/6	1.67	1.65	1.645	1.64	1.62	1.58
7/10	1.7	1.68	1.675	1.67	1.65	1.61
8/11	1.73	1.71	1.705	1.7	1.68	1.64
3/4	1.75	1.73	1.725	1.72	1.7	1.66
4/5	1.8	1.78	1.775	1.77	1.75	1.71
5/6	1.83	1.81	1.805	1.8	1.78	1.74
9/10	1.9	1.88	1.875	1.87	1.85	1.81
10/11	1.91	1.89	1.885	1.88	1.86	1.82
19/20	1.95	1.93	1.925	1.92	1.9	1.86
Evens	2	1.98	1.975	1.97	1.95	1.91
21/20	2.05	2.03	2.025	2.02	2	1.96
11/10	2.1	2.08	2.075	2.07	2.05	2.01
6/5	2.2	2.18	2.175	2.17	2.15	2.11
5/4	2.25	2.23	2.225	2.22	2.2	2.16
13/10	2.3	2.28	2.275	2.27	2.25	2.21
11/8	2.38	2.36	2.355	2.35	2.33	2.29
7/5	2.4	2.38	2.375	2.37	2.35	2.31
6/4	2.5	2.48	2.475	2.47	2.45	2.41
8/5	2.6	2.58	2.575	2.57	2.55	2.51
13/8	2.63	2.61	2.605	2.6	2.58	2.54
17/10	2.7	2.68	2.675	2.67	2.65	2.61
7/4	2.75	2.73	2.725	2.72	2.7	2.66
9/5	2.8	2.78	2.775	2.77	2.75	2.71
15/8	2.88	2.86	2.855	2.85	2.83	2.79
19/10	2.9	2.88	2.875	2.87	2.85	2.81
2	3	2.98	2.975	2.97	2.95	2.91
21/10	3.1	3.08	3.075	3.07	3.05	3.01
85/40	3.12	3.1	3.095	3.09	3.07	3.03

Return for 1 point, tax-paid on stake for different tax rates. (cont.)

Odds	0%	2%	2.5%	3%	5%	9%
11/5	3.2	3.18	3.175	3.17	3.15	3.11
9/4	3.25	3.23	3.225	3.22	3.2	3.16
23/10	3.3	3.28	3.275	3.27	3.25	3.21
12/5	3.4	3.38	3.375	3.37	3.35	3.31
5/2	3.5	3.48	3.475	3.47	3.45	3.41
13/5	3.6	3.58	3.575	3.57	3.55	3.51
11/4	3.75	3.73	3.725	3.72	3.7	3.66
14/5	3.8	3.78	3.775	3.77	3.75	3.71
3	4	3.98	3.975	3.97	3.95	3.91
10/3	4.33	4.31	4.305	4.3	4.28	4.24
16/5	4.2	4.18	4.175	4.17	4.15	4.11
7/2	4.5	4.48	4.475	4.47	4.45	4.41
15/4	4.75	4.73	4.725	4.72	4.7	4.66
4	5	4.98	4.975	4.97	4.95	4.91
17/4	5.25	5.23	5.225	5.22	5.2	5.16
9/2	5.5	5.48	5.475	5.47	5.45	5.41
19/4	5.75	5.73	5.725	5.72	5.7	5.66
5	6	5.98	5.975	5.97	5.95	5.91
11/2	6.5	6.48	6.475	6.47	6.45	6.41
6	7	6.98	6.975	6.97	6.95	6.91
13/2	7.5	7.48	7.475	7.47	7.45	7.41
7	8	7.98	7.975	7.97	7.95	7.91
15/2	8.5	8.48	8.475	8.47	8.45	8.41
8	9	8.98	8.975	8.97	8.95	8.91
17/2	9.5	9.48	9.475	9.47	9.45	9.41
9	10	9.98	9.975	9.97	9.95	9.91
10	11	10.98	10.975	10.97	10.95	10.91
11	12	11.98	11.975	11.97	11.95	11.91
12	13	12.98	12.975	12.97	12.95	12.91
14	15	14.98	14.975	14.97	14.95	14.91
15	16	15.98	15.975	15.97	15.95	15.91
16	17	16.98	16.975	16.97	16.95	16.91
18	19	18.98	18.975	18.97	18.95	18.91
20	21	20.98	20.975	20.97	20.95	20.91
22	23	22.98	22.975	22.97	22.95	22.91
25	26	25.98	25.975	25.97	25.95	25.91
28	29	28.98	28.975	28.97	28.95	28.91
33	34	33.98	33.975	33.97	33.95	33.91
40	41	40.98	40.975	40.97	40.95	40.91
50	51	50.98	50.975	50.97	50.95	50.91
66	67	66.98	66.975	66.97	66.95	66.91
80	81	80.98	80.975	80.97	80.95	80.91
100	101	100.98	100.975	100.97	100.95	100.91
125	126	125.98	125.975	125.97	125.95	125.91

Odds used for the table are those observed using the various firms.



SMARTsig New Internet Site

www.smartsig.com

Our Internet site has been undergoing extensive upgrading since the new year, and the process is continuing.

As well as informing visitors what SMARTsig is all about, there will also be available direct added-value services for our members.

- *Secure server status* for credit & debit card transactions. You can now renew your subscription via the web using your card. Also facilities for first-time subscribers.
- *Sign on to our email Lists* from the web site. Also facilities for resigning email group membership, short-term breaks, or changing your List registered email address.
- *Bookmakers directory* (constantly reviewed and updated as news is received).
- *Members Only area*, password protected.

Currently in our members only area; (and much more to follow)

The latest versions of the N *InterestWare Excel Racing Toolbox* (IXLRT) and the full N *Betting Assistant* program series.

InterestWare software is free and has no copy restrictions. The software author, JayGee, is a retired IT professional with a continuing lifelong racing interest.

Amongst the new additions to the IXLRT Toolbox are workbooks covering N *Bet Recording* and the N *Aussie Tissue rules* (featured in SMARTsig 7.01) The Betting Assistant program series now includes a full perm calculation facility *PC BetNos*. Log on today, and check it all out.

One of the first to use JayGee's Assie Tissue (framing your own betting market) was Brian Blackwell, who submitted the original article. His response

"I had a good look at the Price Framer and it works like a dream. You've done a great job on it. So easy to use and surely will prove a boon for anyone to frame a market easily and speedily. Thanks! I'm sure those on SMARTsig will appreciate your handiwork."

SMARTsig - helping you help yourself!

It is by no means exclusive to the racing or betting industries. But the direct mailed or media advertisement that promises more than it can actually deliver - affects every one of us.

MISLEADING ADVERTISING

- a cause For concern?

Ron Taylor

“**F**or every £100 our clients have placed this season, the bookies have returned over £225 back to them. 9 winning weeks from last 10”. Advert from Service A.

“Enjoy a second income, over £1500 per month. £12,500 to £100 stakes profit over flat season’. Advertisement - Service B.

The above are recent extracts from the Racing Post, placed in similar format regularly by 2 of the country's largest and most influential suppliers of racing information. We have all seen them and probably shrugged them aside with such thought as “nice work if you can afford it but, with four figure subscriptions, its way beyond my reach’.

The advertisements are there for a reason, however, and there must be people out there who do subscribe, otherwise we would not see them so regularly.

So, these subscribers must be very lucky people, pulling in thousands from their association with such well-known and successful contacts. Or, is it a possibility that this is not so?

Reference to the latest publication of Smart-proof, the independent proofing bureau, shows that;

Service A has this year offered 519 advices. At £100 stake per advice, total £51,900, the *advertised* return would be £225 x 519 = £116,775, a profit of £64,875.

However, Smart-proof tells us that of the 519 advices, just 133 (26%) won, producing an overall level stake loss of £2,548 to a £100 stake! Of the 75 services monitored, Service A stands in a lowly 59th place!

Service B has offered 916 advices, split between 3 different services. Profits of £1,500 per month *as advertised* over the same period give a total profit of £16,500.

However, Smart-proof tells us a different story; although 2 of the 3 different services produce good returns (13 wins from 39 = 33% and 26 wins from 88 = 29%, an overall profit of £4,193 to £100 stakes), the third service has produced 211 winners from 789 advices = 27%, but a loss of £5,948 to £100 stakes.

Overall, therefore, Service B has produced a loss of £1,755! In ranking terms, although the 2 better services stand 11th & 23rd, the performance of the third (72nd of the 75 monitored) demotes Service B to 57th place!

So, advertised profits of £64,875 and £16,500 per month turn out in reality to be respective losses of £2,548 and £1,755.

No matter how the figures are juggled with or re-applied to take account of early bird prices, it is difficult to see how the advertised claims can be justified. There can be no doubting the Smart-proof findings as these are based on information provided daily in advance by the 2 advertising sources as their selections for the day. Although it is not pleasant to have to say so, no conclusion other than that the advertised statistics are deliberately misleading can be drawn.

In this age of compliance with measurable standards of what is acceptable in all walks of life, and dire consequences if failing to conform in many of our industries, it is difficult to understand how misleading information of this nature is permitted.

Surely, it is the responsibility of the Racing Post to its customers (the readers) to protect them against such inaccuracies though, on the other hand, it is easy to understand why the Racing Post feels it has an obligation to its other customers (the advertisers) who do, after all, pay rather more than the £1 we do to read the product.

It is interesting to refer back to two recent contributions appearing in SMARTsig, namely Stef's own "Up Front" of issue 6.03 (March 1999) and Robin Logan's "Tipsters, Some Personal Experiences" of 6.05.

Relevant passages from these articles are:-

Stef -

- The Racing Post have set out their “Rules and Regulations relating to Proofing and Advertising”.
- Everything points towards avoiding bad practice and excluding the misleading advertising we have all become accustomed to over the years.
- All advertisers must conform to the Codes produced by the Advertising Standards Authority.
- This suggests that the Racing Post will not carry the advertising of any firm in dispute with the official watchdogs.
- Advertisements should be precise and factual and should not be written in a manner which is likely to mislead the public.
- An assurance was given that the Racing Post’s first responsibility is always to its readers.

Robin -

- Advertising can be very misleading without necessarily being dishonest.
- Some have quite phenomenally poor strike rates while others do make a reasonable profit in the long term.
- Some of the cheapest ones achieve better results than the big boys, some of whom charge well over £1,000 per year and my record amongst this group is 20 consecutive ‘precisely and selectively chosen’ – losers!
- I have been involved with services experiencing horrendous losing runs while still sounding upbeat in their advertisements. I have seen some outrageous statements in advertisements.

Quite a fascinating (though conflicting) series of events, the conclusions of which can only be summarised as follows:-

- The Racing Post does appear to adopt double standards, saying that the reader is its first responsibility, yet trading advertising space to suppliers who benefit by selling misleading wares to those readers.
- The man in the street is afforded consumer protection when seeking advice to invest in bonds, securities etc., to ensure he has selected a suitable product but evidently not so when

seeking advice upon which supplier to select for provision of allegedly profitable racing information.

- Stef warned us all in his 6.03 article that the Advertising Standards Authority have powers of advising and reprimanding those who transgress to amend their conduct, but by that stage, it is too late. Surely the Authority should take it on board to seek out and admonish advertisers who deliberately mislead the general public. Are they not responsible for carrying out random checks on advertising or do they act only on receipt of a complaint?

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SMARTsig editor's response: _____

As to your question regarding the Advertising Standards Authority's responsibilities etc., here are their own words from the ASA internet site, under 'Frequently asked questions':

What are the Codes' rules?

The ASA supervises the rules laid out in the British Codes of Advertising and Sales Promotion .

These are the rules that the industry has written and agreed to follow. Enforced by the ASA they are there to protect the consumer by helping advertisers, agencies and the media to produce advertisements which will not mislead or offend consumers.

The basic principles of the Codes are that advertisements should be:

- a) legal, decent, honest and truthful
- b) prepared with a sense of responsibility to consumers and to society
- c) in line with the principles of fair competition generally accepted in business.

What powers does the ASA have?

Although the ASA can ask for an advertisement to be withdrawn overnight, advertisements are rarely stopped immediately.

Advertisers are usually given a limited time to tell their side of the story. If an advertisement breaks the Codes, the advertisers will be told to change or remove it. In the overwhelming number of cases, companies will follow the ASA's advice but the ASA has a number of sanctions to enforce its decisions:

- Adverse publicity - Adverse publicity is generated by the ASA's monthly reports of adjudications. Adverse publicity is frequently underestimated as a sanction but those who have been on the receiving end of such media scrutiny rarely offend again. This sanction could also be used with advertisements on the Internet.

- Refusal of media space - The media can be advised not to publish advertisements. The majority of publishers support the ASA through their CAP member and include in their terms of business that they will not carry advertisements which break the Codes. Advice is available from the copy advice team.

- Withdrawal of trading privileges - Trading privileges, financial discounts and incentives available through membership of some of the CAP bodies can be withdrawn.

- Legal proceedings - In the case of a persistent or deliberate offender, the ASA can refer an advertiser, agency or publisher to the Office of Fair Trading for an injunction to prevent the same or similar claims in future advertisements. The legal proceedings available through an OFT referral could also be used against Internet advertising although the ASA has not yet had to test this.

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This advertising standards topic is raised from time to time, and we have had much discussion in the past of what is really being said or claimed - or perhaps more importantly, what exactly is being implied?

One of the best responses to the subject followed shortly after it was raised last time. A high-profile SMARTsig member summed up the situation quite succinctly when he wrote;

Which is the better of the following two situations from the punter's

viewpoint?

An advertising platform who make no claims as to the validity of their advertisers' claims, leaving potential customers to proceed with due caution.

. . . Or . . .

An advertising platform who set up a code of conduct to prevent misleading ads, but then apparently take little care in enforcing it.

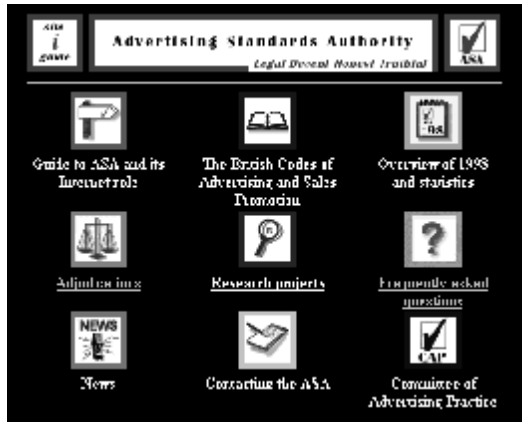
Those with access to the internet will find the ASA site at;

www.asa.org.uk

the index page of which is shown here. If you haven't an internet connection you can probably ask at your local county library.

Once logged-on, click on 'Adjudications'. Here you'll be able to read

mini reports of all their cases since 1998, detailing the complaint, the ASA's ruling and the firm's defence.



It takes only seconds to find the names (yes - plural) of current RP advertisers who have been found guilty of misleading advertising (and quite recently). Their continued presence in the sporting press is perhaps explained by a reading of their defence statements. None of them set out to intentionally mislead, it was an either an oversight, confusion or a misunderstanding. And of course, none of them will ever use that advertising tactic again.

A thought. If only legislation could be created forcing all firms found by the ASA to be in breach of advertising standards, to fully reimburse anyone who had responded to the guilty ad? Further, the publication carrying the misleading ad would have to publish, using similar size, prominence and impact, a public information panel stating the ASA's ruling and naming the guilty firm. . . . if only . . .

Davey Towey has a cunning plan to bow out of the NH season on a high.

PLEASE NURSE - big, strong men need more anaesthetic!

Davey Towey

The highlight of the season for a jockey is to win at the Cheltenham Festival and beyond that, to ride the most winners would be a dream.

For t' rest of us though - so what if we couldn't quite manage to get a ride this year, the least we can do is back a hatful of winners. Actually it is probably the most we can do, the least we can do is win nowt, bugger all, not a sausage. It puts a bit of a downer on the season and we need a cunning plan.

The following system is pretty simple to follow, the only drawback is facing up to the reality that we are ripped off for the rest of the year so lets enjoy it for once dammit.

The secret is to put 20% of the betting bank aside for entertainment purposes, this is our insurance, our seawall repelling the unwelcome bombardment of reality.

Before embarking on the days' frivolities we carefully blow the remaining 80%. One bet per race must be selected (we are going to end up doing this anyway so lets get it out of the way whilst we are sober). Once this is completed we can sink as much alcohol as is imprudently possible and tell the most embarrassing stories about ourselves in the hope that everyone remembers (the wife does this anyway).

If you heed the above advice and thereby admit that your betting places an 80% tax on your entertainment then you are doing just fine because from here on in everything's a bonus.

This years happy hopefuls are:

- Istabraq (Champion Hurdle)
- Monsignor (Sun Alliance Hurdle)
- Flagship Uberalles (Queen Mother Champion Chase)
- It Takes Time (Bumper)
- Bellator (Arkle Chase)
- Arlas (Cathcart)
- Ever Blessed (Gold Cup)
- Gloria Victis (Sun Alliance Chase)
- Youneverwalkalone (Supreme Novices)
- Mantles Prince (County Hurdle)



SMART SWAP SHOP

If you have any items for inclusion in SwapShop please send details to *SMART*.

Your telephone number or address will be included unless you say otherwise. Alternatively you may use a box number, ask for details.

If a contact is given simply contact the advertiser direct

The goods are being offered or requested by our members - not by *SMART*. Many items offered through SwapShop will keep their value even when you have finished with them, simply recycle them again.

SWAPSHOP is a FREE
service to members

FOR SALE:

BLACKJACK books - far too numerous to list here, interested parties please send SAE for full listing.

ALSO, (almost) complete set of *Blackjack Forum*, quarterly blackjack magazine from USA

Contact: WJ Wright on 01234 213753 or write with SAE for list to 9 Fenlake Road, Bedford. MK42 0ES

Whenever 'value' is mentioned, a discussion ensues. Some question its validity, others swear by it, but there are wide ranging views about a definition. An edited sample from a recent email group exchange.

VALUE yes, VALUE no, VALUE what?

SMARTsig email group

From JJ Egan
I define value on my season's results. If my bets have a strike rate of 25% and a profit of 25% on turnover that's value. My pal has a strike rate of 60% with a loss of 5% on turnover. now I know he is a far better selector of winners than I am, but he has never grasped the idea of reward/risk.

Individuals should look at their own method and define value from that, not from somebody else with different methods. SMARTsig race meeting, Alan Potts is having only one bet. How many SMARTies will disregard their original idea and follow Alans? It might be value for AP in his overall season, but not as a one off wager. (substitute any good judge for AP)

From John Peel

I am not sure about all the statistics, and no doubt the way you select your bets suits you. I have 15 years plus records that tell me the way I select my bets that I will lose over an extended period if I take odds which represent a percentage below my hit rate. I also believe that the over round gives the bookmaker a big advantage as far as value is concerned at the shorter prices.

From Patrick Gamble

Am I missing something here?

First, assuming a hit rate of 33% winners, it is mathematically certain that I need to bet at odds of better than 2/1 to win, discounting tax. It doesn't need 15 years of statistics to tell you that.

Second, why oh why does this same old nonsense about not betting at less than 7/2 or 2/1 keep reappearing? There is no reason for assuming that it is easier to find false priced long odds horses than

odds on shots, and the sub chaos theory, that so many things can go wrong, applies to all runners.

It is straightforward, even tautological, to say that in order to win, one must bet on horses that are at more than their true odds. The problem is in identifying such animals.

Finally, what do you mean when you say the overround cuts down value for short priced horses? I don't understand.

From Steve Petty

You're right it does apply to all horses which means that there is NEVER an occasion, in my opinion, when a horse priced less than 5/2 is a value bet. Everyone goes through losing runs but when you need a strike rate of only 20% to make a profit you can cope with these better than if you need a 40% strike rate (because the average price of the horses you back is lower). I won't go through the list of reasons why a horse might not perform at its best as we all know what can go wrong.

What would you say is the statistical chance of any horse arriving at the start in full health running up to its best form and finishing sound?

Patrick Gamble

Rubbish. The rational way of approaching the question is to assume that every horse has the same chance of being struck into or whatever else might affect its soundness. The odds of the horse are irrelevant. The extent to which such considerations make the difference between winning and losing depend on the extent to which the horse is falsely priced. I think that we would all agree that if Sea Bird was disguised, entered in a Southwell claimer and sent off at 2/1, an awful lot of things would have to go wrong before he lost.

As to the assertion about strike rate, it is again a mathematical fact that the lower the strike rate, the longer the chance of a long run of losers. So a 20% strike rate has, if memory serves me correctly, a 1% chance of a run of 20 losers, whereas a 50% strike rate has a 1% chance of a run of 7 losers. I don't have the tables to hand, so these figures are approximate. I know which I prefer.

From Tony Hazzard

John Peel wrote *"I also believe that the over round gives the bookmaker a big advantage as far as value is concerned at the shorter prices."*

Mmm . . . My understanding is that the closer you approach evens, the more accurately the odds represent the horse's true chance and that it is the longer odds horses that are poor value. In other words, an evens shot more closely approximates to a 50% chance, whereas a 14/1 probably has a true chance of 25 or 33/1. i.e. the greater overround comes with the longer priced horses.

Steve Petty

"Rubbish" Patrick? Oh Dear! A raw nerve touched methinks. At the risk of sounding patronising you've completely missed the point. As you say yourself every horse has the same chance of running below its best but instead of taking this into account when making your assessment of the horses chances you appear to be ignoring it completely.

As to your comments on losing runs I disagree entirely. The losing runs come as a result of a wide variety of factors (including lack of ability in the punter). It's ridiculous to say that your strike rate directly affects your chance of a losing run. If I had a 20% strike rate backing 10/1 shots are you saying I would be just as likely to have a long losing run if I had a 20% strike rate backing even money shots?

Patrick Gamble

Please explain to me why the undoubted fact that every horse has the same chance of running below its best leads you to say that only horses of over 5/2 should be backed. I don't understand.

Second, the odds of a losing run at a 20% strike rate are completely independent of the odds of the horse being backed. Those odds determine the profitability of the bets but not so the likelihood of a losing run. So if you have a 20% strike rate betting on 100/1 shots, you will do well, while if you back evens shots you lose. The likelihood of losing runs remains the same.

From JayGee

Having a 7/2 minimum price is, in my case, nothing to do with the assumption that I think it's easier to find false priced long odds

horses than odds on shots: nonsensical as it may seem to you, it's the lowest price I personally am prepared to bet at.

An incidental benefit of having such a strategy is that if, as you assert, sub chaos theory applies to all selections then those betting at 7/2 and above will be less affected financially when such calamities occur.

Someone in this discussion said ". . . which means that there is never an occasion in my opinion when a horse priced less than 5/2 is a value bet."

This is phrase that has always puzzled me. For the benefit of the less statistically aware, like me, could you possibly not only define the phrase but also give a recent case study for us to consider?

From Peter May

Can't really agree either. If your horse is a true even money chance and you get 11/8 then a long term profit will be achieved. To check it look at last year's NH results for even money shots. As Patrick says the problem is identifying the true even money chances which are available at 11/8 and this is dependent on the race analysis strategy. The more accurate the forecasting method the shorter the price you can take since the margin for error has been reduced. For instance taking the extremes, if your prediction model was perfect, every horse it identified would be value (tax free) since it would always find the winner, this includes the 1/25 shots.

At the other extreme with a completely random method none of the selections would offer value, but interestingly the odds-on shots would lose you less money.

From Brian Harfoot

It seems to be that in this discussion of value, we are missing one important ingredient - The Individual. Everyone will use different methods and have a different psyche. If you instincts and/or actual analysis show that you do better by backing odds that are greater than x - or less than y, then that's fine. It is perfectly sensible for you to commit to that rule. It doesn't make sense to suggest that all others should do as you do.

Those that require the encouragement of regular winners are more likely to accept lower odds threshold. We also should expect that

most will not have the time, skills or inclination to create their own book, so a pragmatic approach based on instinct backed up a simple rule (or guideline) can help the decision process.

From Andrew Lawrence

Many of you will know that this is a subject that is dear to my heart. I rarely back horses at less than 6/1 purely because I rarely find selections that I can assess as having a better than 4/1 chance. And I need the difference to cover tax (usually), a margin for error and, most importantly, profit.

If I were faced with a two-horse race I might give HorseA a 60% chance and HorseB a 40% chance. Assuming I was prepared to back either I'd want 11/8 against horse A, or 11/4 against horse B. If my assessments of the horses' respective chances are close, these prices give me a significant advantage.

So, although I can see that there might be some practical benefit to be gained from imposing a global minimum price, such as Steve Petty's 5/2 or Jaygee's 7/2 - it will save you from backing a lot of horses whose prices are too short - it will not in itself find you value. To achieve this you need to assess the relative chances of all the contestants.

In the example above, what is the chance that neither horse completes the course? I have never come across a race where none of the contestants finished so it would appear to be quite small - I'd guess it's under 1%. But if we were to attribute a rather generous 10% to this outcome, the probabilities of horse A or B winning would be reduced to 54% and 36% respectively, wouldn't they?

I think what I'm trying to say is that either horse might fail to perform to its ability for many reasons. But as outside factors could afflict either, their relative chances won't alter. Of course, if one of the animals has an inherent weakness, this should have been taken into account in the initial assessment of its chance.

John Peel

If a bookmaker offers you evens taking into consideration his usual profit margin (I know there are sometimes loss-leaders) how much value is left for you? I am old enough to remember G. Richards

getting stuffed on a 1/20 or was it a 1/50 shot. I believe everyone has their own idea of value and it is impossible to change their stance on the subject, I can only go on what is profitable for me.

JJ Egan

Andrew said “. . . it will not in itself find you value. To achieve this you need to assess the relative chances of all the contestants.”

Much the same way as I approach profit making as opposed to winner finding - relative chances. As to not completing the course, etc., because the average chance of this for the average runner is the same then as far as I'm concerned it does not exist. Unless you are looking at a runner with obvious problems, then ignore this factor.

There are 1/2 shots that are value their are probably more that are not , 1/20 can be value, but whether an individual cares to bet at this price is another matter. I have defined value for my own use as the following: After assessing the runners, if i can get 20% over my estimated true price I will bet - whatever the price.

If the prices are value, it depends not on the odds offered, but my assessment. If I have got this wrong, then its only imagined value .

Pittsburgh Phil was probably the man to first mention value in the late 1800's. In recent years the word has become like, PACE., SPEED, BOUNCE, etc. The in word. Me? I'm not a value man, just an old fashioned odds trader.

More re-prints from our email group next month . . .



SPEEDMAX : FLAT RACING WORKSHOP

**Demonstration program available – send email to
speedmax@nwsoft.globalnet.co.uk**

13 MAJOR UPGRADES SINCE MARCH 1999

Stiff, galloping, flat, undulating, sharp. Just some of the adjectives used when describing a particular racecourse. Such definitions and/or interpretations may differ from person to person - so what does it all mean?

COURSES v COURSES - Lets ask the horses!

SMARTsig

Our Email group includes enthusiasts ranging from rookies through to seasoned punters (very well seasoned some of them too!). A recent discussion queried members ages and from those who responded we now know this ranges from 22 to a very respectable 73 years young! So don't let anyone ever tell you again that computers and Email is new fangled technology restricted to the youngsters. The most common age appeared to be around the 50's - but I digress.

A newer member of the SMARTsig Email group posted the following message;

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From Michael Russell:

Comments about a race include references to a variety of factors that I know nothing about, for example:

- All a horse's success have been at right-handed tracks;
- He may find such-and-such a course too stiff;
- Has acted on the going;

So, since more appreciation of what may make horses successful should be profitable, I've decided to take an interest in courses and the way horses act on them.

My first step has been to subscribe to *SuperForm's* weekly service. (Any comments, please, as to its value?).

Here's the first difficulty. It's obviously written for people with a pre-

learned vocabulary. Well, I've got one, too, but it doesn't include "stiff" (Newbury) for courses, nor "sharp" (Taunton), nor "easy" (Market Rasen), nor "fair" (Ludlow); would someone kindly let me know what these 4 terms mean to them?

I guess "tight" means tight curves? If so, then presumably smaller horses will go round them more easily/quickly/economically than big horses? How do you know, without looking at a group of differently sized horses, whether a horse is "big" or "small"? Perhaps it doesn't always matter, but if and when it does, you need to know / find out. I'd prefer to find out before that first run on such a course, for an obvious reason!

Again about tight curves, presumably some horses are better co-ordinated than others; the state of the surface (good grip = good, slippery = soft?) will mean, perhaps, that they'll manage them better than others -- even though they're "bigger", but another though small is not so "handy"?

=====

The descriptions referred to by Michael are indeed part of the racing vocabulary, and although there may be slight differences in some of the terms used, they are widely used in the racing world.

Some punters will undoubtedly keep their own records, others may use a published version of the same thing. One thing I think is certain though, there will be no 'standard' definition, much of it will be based upon an individuals interpretation.

Okay, if we take the track with the tightest turns in Britain there would be a consensus of opinion that this course indeed did have tight or sharp turns. And similarly at the other extreme of gradual or easy turns. But, as was pointed out in a recent Peter May article in SMARTsig, such classification whilst helping to clarify the differences, they can also be quite misleading.

Consider this. If we had to compile a list of every UK racecourse, ranking each by the sharpness of its turns and using just two definitions. At some point on this list we would have to change from 'sharp' to 'easy'. Although the two extremes would be obviously

quite different, the two courses either side of our 'changeover' point are likely to be quite similar.

What if we used three definitions instead, perhaps adding a 'neither' to the course's turns descriptions? On the one hand the picture would be a little clearer, but on the other we now have two points in our list where the definition label changes between two courses, whose attributes may be very much alike.

The overall picture is complicated even further when we know that different compilers of such information will all have their own opinions of just where the 'changeover' point on the list will be. Competing lists may well agree on the most obvious of course differences, but it seems inevitable that there will always be a very fuzzy area in the middle of each and every course classification table.

Apart from helping our understanding and interpretation of the worth of a horse's run, why would the serious punter need to reference one course's attributes with another? One reason could be for the purposes of comparisons.

We could be studying a 1m race at Ripon today and have narrowed the field to just two. One of the pair had a recent 1m win at Nottingham, the other a recent win over today's distance at Leicester. If both of these previous races were the same class and prize money, is one a better credential for today's race than the other? A comparison of the relevant course's characteristics could help us to a better conclusion perhaps?

The following research is by no means intended as a substitute for the traditional racecourse analyses. Rather an overview of each courses *general* characteristics, or *worth*, as a direct comparison to all other courses.

Ask the horses:

If traditional course comparisons can be useful to us then, why should we be relying merely upon an individuals subjective interpretation - can we not ask the horses themselves?

Of course they're not going to answer us in words, but they could provide a few pointers by their deeds, or achievements. My plan therefore is to build a statistical reference by cross-checking past results of horses running at different venues.

Let's take a look then at just how I might structure the investigation, such an analysis is not quite as straightforward as it may first appear.

All the flat racing results from the last 8 full seasons, 1992 to 1999 was used, containing over one-third of a million individual performances. However, these results contain a large percentage of unfortunate and untalented nags, who plod through their racing careers without ever visiting the winners enclosure.

It would be of very little use I decided, if I were to compile figures using facts such as *Rubberlegs* lost at Chester, and then went on to also lose at Brighton, Redcar, Bath, etc.. No, in order for the resulting statistics to be valid, it would be necessary to check out horses who had displayed the ability to win races.

But even candidates with a single win to their name would likely distort the picture too. Would it be the horse who achieves just a single, even fortuitous win, and through lack of ability would never win again? Little to be gained I decided by tracking the later performances of an animal who would never win again whatever the circumstances.

For the above reasons, the very basic qualification I settled for was a minimum of 3 career wins. At this level, I concluded, the course-to-course figures generated would benefit by being extracted from candidates who had a proven ability to win again.

At this point it may be of interest to note that the one-third of a million performances in the original data was from a total of 32,689 individual horses. Using the qualifier "minimum of 3 wins" reduced this total to 4,716. A figure perhaps to bear in mind for any of you contemplating racehorse ownership?

Over 85% of horses (flat racing) have fewer than 3 wins, odds which

will not fill the small owner with high hopes of collecting too much in the way of prize money.

Even with the minimum qualification set, there is still a little pruning of the figures I felt was necessary. We must allow each horse its own time in which to become "racecourse proficient". Little would be gained by using data from their juvenile and perhaps 'backward' early days.

This 'adjustment' period though will vary from runner to runner, some settle almost immediately, whereas others may need several visits to a busy and relatively noisy track before becoming accustomed to it all. The method I settled for here therefore was to ignore all races prior to their first win.

At the opposite end of their careers another factor may come into the reckoning. What about the horse whose connections keep it plugging away for too long? Maybe a hidden injury, a loss of confidence following an incident, or perhaps simply past his sell-by date. But in the vain hope of one last win, it is sent out again and again but fails to perform.

If the purpose of this exercise is to assess a horse's chances of winning at one course following a win elsewhere, it is important where possible to exclude those who are unlikely to win whatever the circumstances. To avoid negative attitude/ability at the back end of an animal's career therefore, the last few performances of each animal were also examined with a view to pruning from the data.

If the final run was a win it was left "as-is". Having to make a decision of just where to prune the other back-end poor performances, I took the view that if a horse was run again following a win, we must assume that in all probability it was in with a decent chance. But this 'chance' would diminish the longer any losing run continued.

Difficult to know just where to chop such data for the best, I excluded everything after the final win, plus 2 runs. e.g. a career sequence of:

00056213403021121340301240000300200040
after front and back-end pruning would become;

1340302112134030124

.. and this would be the sequence used to generate our figures.

All the information was processed in chronological order.

For example,

if in the above truncated sequence, the first win was at Bath, each subsequent run would be recorded as a Bath winner running at xxx, (whichever course it might be), then whether it won or lost.

So, if the 3rd place following that initial win was at Chester, it would be recorded as Bath winner subsequently running at Chester = Lost, and so on to the end of the figures. Let's suppose the second win in the sequence was at Ascot, the details recorded would be Bath winner later running at Ascot, in this case = win.

The information would NOT be reversed - an Ascot winner later running at Bath would likely produce a different strike ratio. (Checking the tables illustrates this point well, as would be expected an Ascot winner running at Bath has a far superior strike to a Bath winner running at Ascot) The results sequence would be interrogated again for each and every win, setting it against all the results that followed it.

The resulting table shows the win/run ratio from trawling the 8 seasons comparing every flat course with every other - including itself. It was far too big to fit onto one of our pages, it has therefore been split into sections and printed over the next few.

Interpreting the results: The column on the left is the course where a runner has already won a race. The list along the top of the table(s) indicates where the horse is running this time. Below each course is 3 columns, giving runs, wins and ratio (wins/runs). The ratio figure will be between 1 (best) and 0 (worst), but for ease of use I have omitted the decimal point. (0.11 is printed as 11). Any ratio figures based upon fewer than 50 runs are enclosed in brackets () to warn of the low sample size.

To give you an example, let's use the situation I detailed earlier in

this article, viz:

1m race at Ripon today, narrowed down to just two. One had a recent win at Nottingham, the other a recent win at Leicester. Does history favour one venues win over the other here at Ripon?

With such a situation, today's run is at Ripon, so locate that course along the top of the tables (page 52). Move your finger down the ratio column to line up with Leicester. The data here shows 106 runs with 16 winners giving a win/run ratio of 0.15 (or 15% winners, displayed as 15 in our table)

A little further down the column you can pick up the figures relating to Nottingham. That is, a runner with a previous Nottingham win now running at Ripon. It shows 169 runs with 32 wins and a ratio factor of 18 (equivalent to 18%)

History tells us therefore that previous Nottingham winners have a better strike rate at Ripon than runners who have previously won at Leicester.

Worth pointing out perhaps that the strike rate average for the whole table is 17.4, so any previous winners anywhere around the 17 to 18 mark have no better or worse chance than average.

Simple enough job to spot the best and worst locations for previous winners running at Ripon (or anywhere else for that matter). Sticking with Ripon, scan the ratio column up and down and you'll see the best credentials are with previous Lingfield (turf) winners, with 16 winners from 60, or 26%. Chepstow winners also weigh in with the same percentage, but the brackets indicate a low sample size and therefore less reliable conclusion.

The worst contenders are surprisingly those with a previous Epsom win, with just a single winner from 32 runs, but a very low sample. Newmarket July course (7 wins from 90) and Sandown (5 wins from 67) are equal worst of those with more acceptable samples of 50+.

Check out the tables, spread over the next few pages, for some - I'm sure you'll agree - occasionally rather surprising figures.

	Asco			Ayr			Bath			Bev			Brig			Carl			Catt		
	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio
Asc	500	111	22	43	10	(23)	21	7	(33)	35	13	(37)	7	2	(28)	11	5	(45)	10	2	(20)
Ayr	196	28	14	590	105	17	68	11	16	178	27	15	43	10	(23)	167	32	19	164	32	19
Bath	263	17	6	73	11	15	541	132	24	76	17	22	180	32	17	24	8	(33)	55	15	27
Bev	270	28	10	233	32	13	96	17	17	913	211	23	102	16	15	252	45	17	248	39	15
Brig	217	20	9	51	4	7	178	37	20	68	12	17	984	233	23	46	10	(21)	54	5	9
Carl	66	5	7	241	37	15	54	15	27	249	36	14	45	12	(26)	315	67	21	135	25	18
Catt	131	8	6	188	27	14	89	28	31	246	49	19	51	12	23	132	28	21	546	147	26
Chep	185	15	8	75	14	18	122	15	12	31	7	(22)	95	23	24	17	4	(23)	22	4	(18)
Ches	194	19	9	140	23	16	44	11	(25)	73	11	15	22	6	(27)	52	12	23	98	22	22
Donc	596	80	13	385	45	11	106	20	18	243	56	23	39	7	(17)	134	22	16	163	34	20
Muss	82	7	8	385	55	14	60	4	6	256	50	19	70	9	12	232	39	16	350	79	22
Eps	202	32	15	46	4	(8)	31	6	(19)	22	5	(22)	106	21	19	5	1	(20)	19	6	(31)
Folk	223	31	13	85	12	14	140	39	27	72	15	20	268	59	22	38	10	(26)	71	8	11
Good	510	56	10	87	19	21	122	28	22	49	13	(26)	190	51	26	23	7	(30)	53	11	20
Ham	103	6	5	727	97	13	85	16	18	328	82	25	75	26	34	292	64	21	287	62	21
Hayd	356	47	13	224	37	16	69	14	20	124	23	18	38	9	(23)	116	27	23	130	34	26
Kemp	381	43	11	80	11	13	67	19	28	56	11	19	93	21	22	15	2	(13)	22	4	(18)
Leic	301	35	11	98	14	14	103	28	27	146	29	19	106	18	16	66	11	16	79	19	24
Ling	360	43	11	90	13	14	152	30	19	75	18	24	290	62	21	33	3	(9)	83	14	16
Nwby	594	82	13	74	10	13	77	26	33	27	10	(37)	51	11	21	11	3	(27)	17	2	(11)
Newc	245	48	19	345	59	17	37	10	(27)	249	52	20	40	6	(15)	179	38	21	156	34	21
NwmR	580	81	13	107	18	16	57	12	21	51	7	13	52	16	30	16	3	(18)	33	14	(42)
NwmJ	400	67	16	105	13	12	57	15	26	46	8	(17)	72	12	16	23	2	(8)	26	7	(26)
Nott	237	30	12	149	26	17	140	22	15	226	37	16	99	29	29	83	21	25	122	31	25
Pont	190	22	11	195	29	14	67	4	5	319	49	15	68	12	17	177	33	18	162	21	12
Redc	192	33	17	296	42	14	84	17	20	356	84	23	50	20	40	190	39	20	243	61	25
Ripon	183	22	12	257	35	13	85	22	25	245	41	16	43	12	(27)	121	21	17	181	52	28
Salis	327	37	11	70	9	12	96	17	17	49	7	(14)	88	25	28	9	1	(11)	25	4	(16)
Sand	561	79	14	92	13	14	91	25	27	70	16	22	86	18	20	21	4	(19)	53	14	26
Thirsk	168	16	9	258	41	15	64	16	25	224	47	20	66	19	28	130	22	16	224	52	23
Warw	167	15	8	57	10	17	149	27	18	90	21	23	149	35	23	57	12	21	83	22	26
Wind	272	29	10	66	17	25	123	30	24	69	12	17	125	23	18	22	9	(40)	53	8	15
Yarm	246	29	11	84	15	17	99	25	25	111	22	19	148	30	20	48	14	(29)	84	25	29
York	473	71	15	209	41	19	33	6	(18)	94	17	18	28	11	(39)	66	10	15	78	14	17
Lin_AW	324	16	4	231	22	9	468	70	14	257	46	17	1332	258	19	183	45	24	354	60	16
Wol_AW	240	22	9	457	52	11	191	30	15	653	107	16	331	72	21	296	75	25	651	117	17
So_AW	255	17	6	283	38	13	204	34	16	313	46	14	232	50	21	195	39	20	333	53	15

	Chep			Chest			Donc			Muss			Eps0			Folk		
	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio
Asc	26	14	(53)	62	14	22	281	58	20	1	1	(100)	81	14	17	12	3	(25)
Ayr	45	8	(17)	196	27	13	491	46	9	191	41	21	44	10	(22)	31	9	(29)
Bath	155	22	14	138	32	23	240	19	7	32	8	(25)	138	19	13	100	20	20
Bev	52	13	25	255	38	14	599	64	10	237	59	24	110	18	16	79	16	20
Brig	126	30	23	103	13	12	160	15	9	34	6	(17)	317	50	15	221	34	15
Carl	28	2	(7)	106	14	13	218	25	11	163	42	25	25	6	(24)	44	10	(22)
Catt	34	9	(26)	230	43	18	396	36	9	241	60	24	59	3	5	54	7	12
Chep	223	47	21	69	16	23	169	22	13	12	6	(50)	79	15	18	75	15	20
Ches	33	8	(24)	457	90	19	266	29	10	58	14	24	88	13	14	12	3	(25)
Donc	76	17	22	226	57	25	930	184	19	129	25	19	134	20	14	57	6	10
Muss	29	8	(27)	161	38	23	266	26	9	706	166	23	46	10	(21)	69	17	24
Eps	27	8	(29)	71	8	11	119	10	8	11	4	(36)	198	53	26	44	8	(18)
Folk	83	14	16	100	14	14	175	24	13	50	8	16	137	29	21	314	99	31
Good	95	20	21	132	22	16	295	57	19	30	7	(23)	236	29	12	103	24	23
Ham	66	18	27	182	23	12	387	38	9	472	77	16	55	11	20	45	11	(24)
Hayd	53	9	16	229	37	16	585	70	11	75	14	18	115	16	13	36	9	(25)
Kemp	63	13	20	102	18	17	209	27	12	20	7	(35)	160	22	13	60	14	23
Leic	103	21	20	109	24	22	340	61	17	34	6	(17)	116	25	21	81	19	23
Ling	111	18	16	114	21	18	270	54	20	41	10	(24)	218	39	17	151	29	19
Nwby	67	16	23	100	32	32	339	43	12	8	1	(12)	180	26	14	41	11	(26)
Newc	31	11	(35)	145	19	13	496	63	12	194	44	22	66	11	16	34	8	(23)
NwmR	43	14	(32)	133	29	21	435	77	17	13	6	(46)	156	32	20	26	2	(7)
NwmJ	57	11	19	80	24	30	338	59	17	22	3	(13)	103	19	18	34	10	(29)
Nott	88	22	25	171	35	20	413	55	13	79	19	24	91	23	25	98	20	20
Pont	67	19	28	161	31	19	454	59	12	119	27	22	71	10	14	34	5	(14)
Redc	74	19	25	167	33	19	557	59	10	244	79	32	101	11	10	45	12	(26)
Ripon	51	9	17	144	19	13	421	58	13	112	26	23	85	17	20	34	4	(11)
Salis	103	31	30	70	13	18	253	38	15	6	1	(16)	112	24	21	67	14	20
Sand	62	10	16	130	30	23	358	59	16	26	3	(11)	174	30	17	69	13	18
Thirsk	42	7	(16)	170	27	15	412	35	8	128	36	28	101	23	22	34	6	(17)
Warw	101	13	12	140	20	14	192	29	15	31	9	(29)	81	13	16	116	30	25
Wind	115	22	19	72	18	25	229	29	12	25	1	(4)	110	21	19	106	16	15
Yarm	54	11	20	96	20	20	283	50	17	61	24	39	89	12	13	96	24	25
York	34	8	(23)	163	33	20	599	89	14	44	5	(11)	138	20	14	29	11	(37)
Lin_AW	300	67	22	334	38	11	588	63	10	254	40	15	446	42	9	614	106	17
WoL_AW	153	30	19	440	71	16	992	104	10	448	61	13	167	10	5	252	38	15
So_AW	160	39	24	555	69	12	670	37	5	257	54	21	133	15	11	241	61	25

	Good			Ham			Hayd			Kemp			Leic			Ling		
	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio
Asc	289	62	21	16	7	(43)	175	33	18	84	15	17	48	15	(31)	41	14	(34)
Ayr	182	25	13	413	79	19	291	33	11	68	13	19	109	9	8	52	14	26
Bath	358	51	14	38	3	(7)	146	26	17	218	28	12	139	23	16	152	36	23
Bev	232	34	14	250	62	24	320	40	12	113	14	12	188	30	15	97	22	22
Brig	481	62	12	61	15	24	109	22	20	230	33	14	139	20	14	377	51	13
Carl	86	8	9	276	54	19	172	20	11	31	2	(6)	116	16	13	52	11	21
Catt	114	13	11	197	49	24	238	30	12	55	11	20	123	12	9	98	29	29
Chep	175	19	10	56	17	30	111	17	15	131	15	11	122	22	18	105	20	19
Ches	192	24	12	56	9	16	194	10	5	63	9	14	52	7	13	43	7	(16)
Donc	378	79	20	170	39	22	410	72	17	169	27	15	178	34	19	100	16	16
Muss	110	20	18	495	79	15	164	19	11	43	7	(16)	136	19	13	63	26	41
Eps	206	20	9	20	5	(25)	67	15	22	80	13	16	46	5	(10)	81	14	17
Folk	297	44	14	60	19	31	141	25	17	215	31	14	133	22	16	234	51	21
Good	830	163	19	21	4	(19)	192	47	24	254	36	14	115	26	22	184	29	15
Ham	115	10	8	1584	326	20	348	43	12	69	9	13	183	15	8	92	17	18
Hayd	290	58	20	161	36	22	611	151	24	122	19	15	163	24	14	78	8	10
Kemp	346	56	16	49	9	(18)	148	28	18	306	93	30	94	16	17	122	29	23
Leic	322	49	15	66	14	21	204	39	19	180	28	15	382	123	32	138	31	22
Ling	461	79	17	72	19	26	157	34	21	234	25	10	139	30	21	469	104	22
Nwby	405	70	17	22	8	(36)	209	44	21	210	37	17	132	27	20	104	26	25
Newc	168	33	19	247	53	21	312	45	14	56	7	12	126	26	20	71	16	22
NwmR	361	62	17	36	12	(33)	211	47	22	156	30	19	91	20	21	98	24	24
NwmJ	389	73	18	34	7	(20)	157	25	15	150	24	16	118	24	20	86	19	22
Nott	245	39	15	147	35	23	279	60	21	178	30	16	256	51	19	146	26	17
Pont	173	27	15	200	33	16	289	44	15	77	12	15	177	33	18	72	13	18
Redc	195	30	15	237	65	27	297	60	20	91	7	7	157	26	16	85	18	21
Ripon	185	19	10	209	58	27	239	35	14	76	17	22	109	14	12	63	13	20
Salis	389	44	11	22	5	(22)	139	35	25	180	28	15	93	21	22	138	24	17
Sand	505	102	20	45	16	(35)	222	24	10	213	36	16	109	30	27	126	20	15
Thirsk	176	24	13	186	45	24	277	41	14	73	14	19	154	31	20	60	12	20
Warw	240	27	11	40	5	(12)	153	22	14	156	32	20	137	23	16	160	25	15
Wind	316	46	14	32	11	(34)	130	32	24	206	30	14	176	39	22	197	31	15
Yarm	234	34	14	55	12	21	158	27	17	152	28	18	185	36	19	143	23	16
York	302	38	12	72	17	23	324	48	14	117	18	15	98	11	11	66	14	21
Lin_AW	982	106	10	362	83	22	324	25	7	522	51	9	394	50	12	1103	175	15
Wol_AW	288	21	7	761	158	20	576	68	11	235	24	10	534	69	12	295	51	17
So_AW	329	35	10	408	85	20	432	48	11	185	23	12	391	71	18	308	55	17

	Newb			Newc			NmKR			NmKJ			Nott			Pont		
	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio
Asc	267	62	23	67	12	17	378	53	14	221	31	14	28	10	(35)	26	6	(23)
Ayr	122	13	10	424	55	12	223	17	7	165	29	17	128	18	14	207	33	15
Bath	283	28	9	70	8	11	207	24	11	155	17	10	172	29	16	93	10	10
Bev	166	34	20	409	63	15	320	34	10	220	25	11	254	38	14	422	74	17
Brig	231	32	13	53	11	20	230	13	5	217	33	15	122	22	18	96	10	10
Carl	31	3	(9)	261	53	20	82	7	8	92	13	14	120	15	12	235	47	20
Callt	81	6	7	246	39	15	161	14	8	134	26	19	185	23	12	267	52	19
Chep	173	23	13	49	11	(22)	149	19	12	116	16	13	102	18	17	55	11	20
Ches	131	15	11	132	19	14	198	19	9	107	23	21	67	18	26	118	24	20
Donc	384	75	19	401	65	16	622	75	12	383	63	16	228	46	20	245	40	16
Muss	56	14	25	305	48	15	94	11	11	104	20	19	199	30	15	258	36	13
Eps	166	23	13	39	8	(20)	151	19	12	98	15	15	39	7	(17)	21	4	(19)
Folk	216	26	12	68	11	16	185	24	12	208	31	14	153	40	26	73	20	27
Good	433	65	15	81	14	17	432	67	15	296	50	16	98	24	24	66	18	27
Ham	92	8	8	460	68	14	140	8	5	159	10	6	233	38	16	385	47	12
Hayd	334	67	20	254	50	19	413	56	13	245	42	17	200	35	17	196	39	19
Kemp	313	60	19	78	11	14	326	45	13	240	38	15	95	19	20	47	9	(19)
Leic	277	39	14	132	24	18	319	25	7	302	57	18	247	28	11	152	23	15
Ling	347	47	13	96	16	16	309	28	9	315	53	16	152	17	11	67	12	17
Nwby	595	156	26	85	23	27	467	83	17	322	58	18	96	19	19	35	5	(14)
Newc	126	11	8	536	107	19	251	26	10	177	30	16	182	25	13	241	42	17
NwmR	334	52	15	93	16	17	762	196	25	379	53	13	87	29	33	71	19	26
NwmJ	279	53	18	132	22	16	515	91	17	532	144	27	96	20	20	80	16	20
Nott	233	47	20	192	36	18	292	33	11	233	40	17	450	110	24	231	39	16
Pont	143	25	17	266	35	13	260	32	12	217	37	17	205	27	13	622	129	20
Redc	130	19	14	388	73	18	305	28	9	218	35	16	236	46	19	345	58	16
Ripon	140	18	12	265	28	10	234	14	5	176	21	11	150	29	19	192	24	12
Salis	340	53	15	70	11	15	289	32	11	245	31	12	89	21	23	53	9	16
Sand	396	64	16	102	14	13	412	48	11	321	72	22	78	9	11	94	15	15
Thirsk	128	11	8	316	49	15	171	9	5	155	18	11	132	16	12	227	24	10
Warw	186	30	16	59	15	25	182	25	13	143	14	9	185	32	17	96	13	13
Wind	260	47	18	78	16	20	249	26	10	214	29	13	178	28	15	73	8	10
Yarm	225	32	14	98	25	25	336	59	17	353	57	16	189	50	26	114	19	16
York	329	62	18	286	37	12	477	69	14	287	49	17	95	19	20	133	19	14
Lin_AW	400	44	11	226	20	8	391	25	6	423	48	11	519	52	10	280	33	11
Wo_LAW	225	21	9	558	58	10	413	29	7	396	56	14	792	87	10	685	90	13
So_AW	196	21	10	330	53	16	288	14	4	263	32	12	490	80	16	429	44	10

	Red			Ripon			Salis			Sand			Thirsk			Warw		
	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio
Asc	32	6	(18)	42	6	(14)	53	19	35	199	31	15	27	3	(11)	11	1	(9)
Ayr	309	52	16	221	28	12	28	7	(25)	102	22	21	279	36	12	67	13	19
Bath	55	10	18	54	9	16	222	37	16	260	37	14	59	14	23	147	25	17
Bev	447	101	22	447	72	16	68	9	13	179	34	18	338	39	11	94	18	19
Brig	82	18	21	76	18	23	192	25	13	208	25	12	71	10	14	136	19	13
Carl	234	44	18	148	16	10	49	7	(14)	65	9	13	166	19	11	56	8	14
Catt	264	48	18	254	46	18	50	7	14	88	12	13	348	72	20	65	12	18
Chep	40	6	(15)	41	11	(26)	146	24	16	141	28	19	45	5	(11)	68	11	16
Ches	89	16	17	123	20	16	25	6	(24)	105	21	20	90	6	6	57	12	21
Donc	267	63	23	299	34	11	113	38	33	323	67	20	261	48	18	92	15	16
Muss	313	50	15	216	32	14	42	11	(26)	72	17	23	282	29	10	72	17	23
Eps	37	7	(18)	32	1	(3)	73	13	17	122	15	12	29	5	(17)	32	7	(21)
Folk	82	19	23	86	16	18	161	34	21	188	27	14	85	13	15	145	37	25
Good	57	10	17	63	10	15	186	39	20	287	54	18	57	4	7	83	12	14
Ham	402	67	16	271	42	15	35	6	(17)	122	13	10	287	38	13	101	27	26
Hayd	199	40	20	195	26	13	77	19	24	222	57	25	141	29	20	102	24	23
Kemp	63	5	7	61	10	16	120	15	12	284	50	17	34	9	(26)	66	12	18
Leic	142	21	14	106	16	15	142	23	16	227	44	19	117	18	15	115	25	21
Ling	90	23	25	60	16	26	163	32	19	270	34	12	68	8	11	132	31	23
Nwby	35	6	(17)	52	8	15	127	25	19	277	48	17	39	7	(17)	33	8	(24)
Newc	336	59	17	269	43	15	55	14	25	108	21	19	252	40	15	41	5	(12)
NwmR	84	22	26	83	19	22	83	23	27	250	50	20	53	14	26	46	15	(32)
NwmJ	90	12	13	90	7	7	89	18	20	215	47	21	70	12	17	49	13	(26)
Nott	189	35	18	169	32	18	136	35	25	197	37	18	188	32	17	145	25	17
Pont	300	49	16	228	38	16	61	14	22	123	16	13	244	23	9	104	20	19
Redc	700	155	22	310	41	13	53	16	30	136	28	20	293	36	12	83	18	21
Ripon	272	63	23	354	72	20	34	7	(20)	134	29	21	210	33	15	66	19	28
Salis	50	9	18	52	12	23	297	86	28	211	37	17	69	11	15	65	18	27
Sand	81	15	18	67	5	7	153	36	23	579	133	22	70	12	17	55	14	25
Thirsk	263	42	15	272	38	13	47	8	(17)	95	17	17	501	80	15	54	13	24
Warw	77	18	23	62	11	17	122	20	16	168	33	19	65	11	16	302	87	28
Wind	79	14	17	70	9	12	160	36	22	203	36	17	69	13	18	111	19	17
Yarm	176	46	26	110	26	23	102	18	17	164	28	17	71	14	19	91	18	19
York	171	24	14	145	24	16	49	12	(24)	207	36	17	185	27	14	34	4	(11)
Lin_AW	247	39	15	262	27	10	473	67	14	539	78	14	382	56	14	487	74	15
Wol_AW	620	97	15	522	90	17	166	16	9	244	28	11	689	88	12	400	75	18
So_AW	346	56	16	311	54	17	138	14	10	242	37	15	360	51	14	357	72	20

	Wind			Yarm			York			LAW			WAW			SAW		
	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio	runs	wins	ratio
Asc	31	13	(41)	34	14	(41)	308	50	16	35	12	(34)	32	10	(31)	47	12	(25)
Ayr	37	12	(32)	70	18	25	492	44	8	174	26	14	339	58	17	312	43	13
Bath	189	30	15	93	27	29	182	29	15	392	64	16	167	30	17	232	35	15
Bev	73	12	16	103	22	21	583	70	12	298	56	18	636	117	18	445	85	19
Brig	204	35	17	198	28	14	141	14	9	1282	269	20	451	100	22	317	73	23
Carl	42	9	(21)	72	17	23	176	14	7	167	22	13	306	52	16	227	45	19
Call	48	6	(12)	98	31	31	291	33	11	419	90	21	587	108	18	387	75	19
Chep	116	25	21	56	15	26	165	21	12	275	61	22	162	26	16	238	34	14
Ches	33	3	(9)	38	8	(21)	259	25	9	136	32	23	205	32	15	308	36	11
Donc	118	25	21	139	30	21	748	99	13	270	50	18	344	50	14	385	63	16
Muss	66	15	22	128	26	20	240	23	9	275	52	18	507	82	16	445	78	17
Eps	63	14	22	26	7	(26)	141	15	10	193	40	20	109	24	22	97	16	16
Folk	163	22	13	129	31	24	157	19	12	618	124	20	274	47	17	351	55	15
Good	176	42	23	157	38	24	337	47	13	454	84	18	169	39	23	151	28	18
Ham	50	8	16	79	15	18	417	47	11	540	127	23	720	142	19	560	104	18
Hayd	89	22	24	86	25	29	563	57	10	176	30	17	290	43	14	317	50	15
Kemp	125	32	25	104	27	25	277	43	15	216	39	18	138	23	16	180	36	20
Leic	210	50	23	171	40	23	291	38	13	290	48	16	265	46	17	371	75	20
Ling	164	24	14	151	27	17	269	33	12	779	149	19	252	48	19	378	70	18
Nwby	83	19	22	82	29	35	373	74	19	140	34	24	111	13	11	108	18	16
Newc	35	10	(28)	118	24	20	529	58	10	209	36	17	409	70	17	301	53	17
NwmR	92	14	15	95	36	37	514	103	20	178	35	19	70	10	14	125	14	11
NwmJ	92	33	35	207	60	28	410	70	17	184	33	17	112	16	14	120	11	9
Nott	174	39	22	157	36	22	376	60	15	300	53	17	370	62	16	361	58	16
Pont	108	23	21	116	24	20	430	59	13	209	46	22	480	81	16	334	56	16
Redc	68	12	17	155	31	20	442	55	12	295	76	25	426	82	19	376	65	17
Ripon	49	10	(20)	87	25	28	405	55	13	142	37	26	362	59	16	234	37	15
Salis	114	26	22	71	21	29	246	33	13	295	60	20	90	23	25	113	19	16
Sand	141	35	24	87	24	27	393	76	19	316	57	18	164	28	17	162	33	20
Thrisk	40	8	(20)	104	17	16	504	51	10	281	61	21	399	68	17	345	66	19
Warw	184	28	15	100	22	22	153	36	23	365	73	20	214	33	15	274	43	15
Wind	435	112	25	141	20	14	216	38	17	347	61	17	160	23	14	210	45	21
Yarm	120	28	23	510	152	29	247	23	9	317	63	19	427	86	20	307	56	18
York	35	6	(17)	69	16	23	797	142	17	133	32	24	164	19	11	162	28	17
Lin_AW	585	63	10	341	70	20	368	32	8	8714	1821	20	1875	334	17	2717	460	16
Wo_LAW	236	29	12	397	60	15	615	56	9	2360	477	20	8877	1876	21	4389	851	19
So_AW	174	13	7	228	39	17	416	29	6	1769	369	20	2716	569	20	5322	1084	20

For interest sake, and to save you painstakingly searching the entire tables I have extracted the top 10, best and worst situations, subject to having 50 runs or more..

Top 10 best (based on at least 50 runs)

Prev won at	Now running at	Runs	Wins	Ratio
Musselburgh	Lingfield	63	26	41
Redcar	Brighton	50	20	40
Yarmouth	Musselburgh	61	24	39
Newmarket(R)	Yarmouth	95	36	38
Newmarket(J)	Windsor	92	33	36
Ascot	Salisbury	53	19	36
Newbury	Yarmouth	82	29	35
Hamilton	Brighton	75	26	35
Newbury	Bath	77	26	34
Doncaster	Salisbury	113	38	34
Newmarket(R)	Nottingham	87	29	33

Bottom 10 best (based on at least 50 runs)

Prev won at	Now running at	Runs	Wins	Ratio
Southwell(AW)	Newmarket(R)	288	14	5
Lingfield(AW)	Ascot	324	16	5
Catterick	Epsom	59	3	5
Chester	Haydock	194	10	5
Thirsk	Newmarket(R)	171	9	5
Southwell(AW)	Doncaster	670	37	6
Brighton	Newmarket(R)	230	13	6
Hamilton	Newmarket(R)	140	8	6
Hamilton	Ascot	103	6	6
Pontefract	Bath	67	4	6

Opinion has often been expressed through our pages that turf form is best ignored when playing the all weather courses. But maybe these tables can help pinpoint which exactly are the favourable venues for previous wins when competing on sand.

Simply check out the last 3 columns of the tables (previous page) marked LAW, WAW and SAW denoting Lingfield, Wolverhampton and Southwell. Previous Redcar and Ripon winners for example

appear to do particularly well at one of the tracks, but poorly at the other two.

Just how much use can be made of these statistics I'll leave up to the individual, because no factors other than the horse is a previous winner have been taken into account. No reference to items such as race values or class, going, distances, draw, jockeys, trainers, odds, etc. But, with a good few of the values in the tables already have fewer than 50 samples we're getting dangerously low from a reliability standpoint. More filtering would reduce the samples even further.

Remember also that the tables reflects ALL previous wins, not just the most recent. So a runner at Wolverhampton with previous wins at say, both Ayr and Hamilton would yield figures of 17 & 19 respectively. Whether you take the higher of the two or a simple average will have to come from trial and error.

The resulting figures therefore are not intended as stand-alone ratings, but more in terms of rough & ready guidelines for establishing general trends.

Anyway, make of them what you will and any conclusions drawn as a result would be welcomed.



The above Course v Course statistics & tables were generated using SMARTsig horserace results-on-disk.

Full 1999 Flat results-on-disk

NOW READY FOR DELIVERY

**Multiple seasons, flat & NH now
supplied on CD from less than £25 per
season.**

See ad on page 75 for ordering details

Timefan has very kindly submitted an updated statistical analysis of Cheltenham Festival for the past three years. This years study shows almost all of his observed trends to be weakening.

CHEL TENHAM FESTIVAL 2000

Timefan

A statistical review of the Cheltenham Festival winners from 1986 to 1996 was previously published in 1997. In 1999 these statistics were 'rolled forward' to cover the years 1988 to 1998. The figures have now been reviewed and only the years 1990 to 1999 included. For most races this means ten years data is available for analysis (where fewer years are available, this is shown in the text)

Tuesday 14th March 2000

2.00 Supreme Nov. H. 2m

Age: 9/10 5 or 6-y-o SP: 7/10 < 11/1 (but 2 @ 25/1 and 1 @ 50/1)

Form: 8/10 won one of last 2 outings Form over >2m is a plus

Median PostMark 136 (119 to 157)

2.35 Arkle Trophy Ch. 2m

Age: 7/10 6 or 7-y-o SP: 9/10 < 10/1 (Median 6/1)

Form: 8/10 won LTO 9/10 won one of last two

Previously Smart Hurdlers Form over >2m is a plus

Median PostMark 143 (131 to 157)

3.15 Smurfit Champion Hurdle 2m

Age: 8/10 6 or 7-y-o SP: 10/10 < 10/1 (Median 13/2)

5/10 SP Favourite Form: 9/10 won LTO

Ten horses since 1946 have won race more than once

Median PostMark 159 (136 to 176)

3.55 National Hunt Hc. Ch. 3m 1f

Age: 8/10 8-y-o+ SP: 6/11 < 11/1 (Median 9/1)

Form: 7/10 won 1 of last 2 races: only 3/10 won LTO

Median OHR 140 (127 to 150)

4.30 Fulke Walwyn Hc.Ch. 3m 1f
 Age: n/s SP: 6/10 < 12/1 (Median 11/1)
 Form: only 3/10 won 1 of last 2 only 1/10 won LTO
 9/10 10st 7lb or less 7/10 OHR 130 or less (7/10 both)
 4/10 out of long h'cap Median OHR 126 (110 to 139)

5.05 Ladbroke Casinos Gold Card Hc. H. 3m 2f
 Age: 8/10 6 or 7-y-o SP: 7/10 < 16/1 (Median 13/1)
 5/10 won LTO
 1st or 2nd over 2m4f to 2m6f indicates adequate stamina
 Median OHR 133 (123 to 150)

Wednesday, 15th March 2000

2.00 Royal & Sun All. Nov H. 2m 4f
 Age: 8/10 5 or 6-y-o SP: 9/101 < 8/1 (Median 5/2) (6/10 Fav)
 All first or second LTO 9/10 won one of last two races
 Winning form at 2 ½ miles or more is desirable
 Median PostMark 146 (127 to 165) (7/10 > 141)

2.35 Queen Mother Champion Chase 2m
 Age: N/S SP: 6/10 < 9/2 (Median 7/2)
 9/10 won or second LTO 7/10 won one of L2 completions
 Horses previously beaten in this race get beaten again
 But 9/10 placed at a previous Festival
 Median PostMark 164 (139 to 176) (4/10 < 163)

3.15 Coral Cup H'cap H. 2m 5f (Only 7 years data)
 Age: N/S (5-y-o have poor record – 0/36)
 SP: 5/7 < 12/1 (Median 11/1) Form: 4/7 won LTO
 Wt.: 4/7 < 10st 1lb and OHR < 130
 Median OHR 128 (110 to 144)

3.55 Royal & Sun Alliance Ch. 3m
 Age: 7/10 7 or 8-y-o SP: 8/10 < 8/1 (Median 7/1)
 Form: 9/10 1st or 2nd LTO 9/10 won one of L2 races
 Won 3m+ nov ch Jan/Feb: Course Winners do well
 Median PostMark 145 (126 to 167)

4.30 William Hill National Hunt Ch. 4m
Age: 8/10 7 or 8-y-o SP: 7/10 < 11/1 (Median 9/1)
Form: 6/10 won or second LTO 7/10 won at least once
Median PostMark 103 (93 to 117)

5.05 Mildmay of Fleet Hc. Ch. 2m 4f
Age: n/s SP: 7/10 < 16/1 (Median 9/1) (Average 17/1)
Form: 8/10 1st or 2nd LTO
8/10 wt <= 11st AND OHR 129-140
Median OHR 136 (120 to 141)

5.40 Weatherby's Champ. Festival Bumper 2m (Only 8 years data)
Age: 5/8 5-y-o SP: 6/8 < 10/1 (Median 7/1)
Form: 7/8 won LTO 6/8 unbeaten Irish trained horses have won 6/8
W P Mullins has won 3 of last 4 Only 5 years with PostMark ratings

Thursday, 16th March 2000

2.00 Elite Racing Club Triumph Hurdle 2m
SP: 7/10 < 15/1 (Median 14/1)
Form: 8/10 1st or 2nd LTO 8/10 won 2 or more races
Majority of winners have h'cap form on the flat at 10f+
Median PostMark 134 (108 to 166)

2.35 BonusPrint Stayers' Hurdle 3m 1f
Age: 8/10 6 or 7-y-o SP: 6/10 < 9/1 (Median 8/1)
Form: only 3/10 won LTO Placed recently in N/Hc H
Median Postmark 158 (146 to 164)

3.15 Tote Cheltenham Gold Cup Ch. 3m 2f
Age: 9/10 8, 9 or 10-y-o SP: 6/10 > 15/1 (Median 16/1)
Form: only 5/10 1st or 2nd LTO
Median PostMark 160 (146 to 178)

3.55 Christies Foxhunters Ch. 3m 2f
Age: 8/10 < 11-y-o SP: 8/10 < 11/1 (Median 7/1)
Form: 9/10 Won LTO Good Amateur rider needed
Median PostMark 133 (105 to 144)

4.30 Grand Annual H. C. 2m

Age: 8/10 < 10-y-o SP: 8/10 < 8/1 (Median 7/1)
Form: 6/10 1st or 2nd LTO 5/10 won one of last two
Weight n/s BUT 7/11 OHR 131-139
Median OHR 138 (123 to 153)

5.05 Cathcart Chase 2m 4f
Age: 8/10 7 or 8-y-o SP 9/10 < 11/1 (Median 4/1)
Form: 7/10 1st or 2nd LTO and 7/10 won one of L2
Median PostMark 147 (129 to 162)

5.40 Vincent O'Brien County Hurdle 2m
Age: 7/10 5 or 6-y-o SP: 8/10 9/1 to 16/1 (Median 14/1)
Form: 6/10 1st or 2nd LTO
7/10 wt < 10-13 AND OHR < 136
Only one winner has carried more than 11st 2lb
And was the only winner priced less than 9/1
Median OHR 133 (119 to 145)

How much has changed over the period of four years?

The short answer is, unlike last year, "quite a lot". Almost all of the trends have weakened a little but the headline figures are broadly similar.

It is now necessary to widen the age band of winners of the Gold Cup. In the previous reviews, it was possible to include a majority of winners in a two year band, now it seems prudent to include the three years 8, 9 and 10 years old.

As last year, the Post Mark ratings for non handicap races and the Official Handicap Ratings (OHR) have been added for each race.

Both the Median and range are shown. In both cases the figures represent the ability of the horse before the winning festival appearance i.e. they are prospective not retrospective.

This gives a fair idea of the 'class' required to win these races. The highest median PM ratings were for the Champion Chase and the Gold Cup. These were followed closely by the Stayers Hurdle and

Champion Hurdle. This merely confirms the status of these four 'Championship' races.

The Festival meeting provides one or more races for a particular sub-set of jumping horses which between them cover the whole range from the juvenile hurdlers in the Triumph to the seasoned handicap 'chasers who contest the Cathcart and Grand Annual cups. The statistics mostly confirm the type of horse for whom the race was framed and should not, therefore, be followed slavishly.

Punters would, nevertheless, be unwise to bet on animals who are wildly outside the parameters shown. What is required in nearly every case is a horse who is 'fancied' as evidenced by its position in the betting, suited to the conditions of the race and who has shown peak form on the racecourse in the current calendar year.

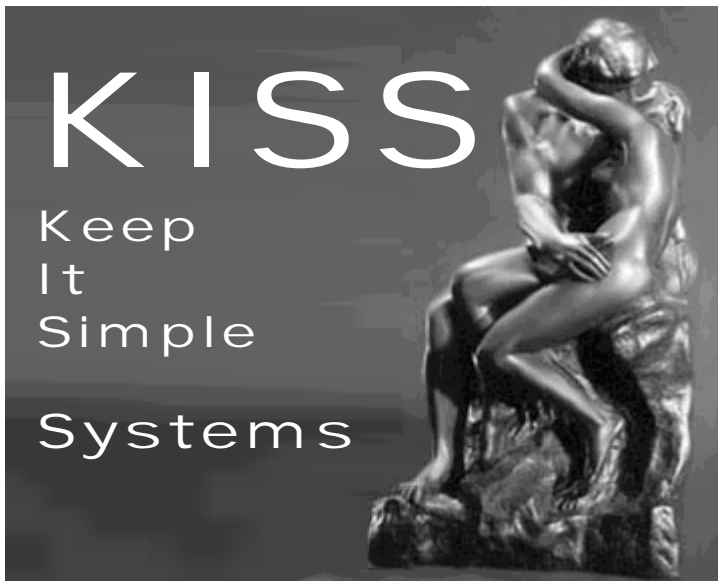
If the median starting prices of the winners is used as a yardstick by which to judge the hardest races to solve, a major change from previous surveys is revealed - over the past ten years, the Gold Cup has been the most difficult race at the Festival of which to forecast the winner (Median SP of winners 16/1). It has deposed the Triumph Hurdle (14/1) which is joined by the County Hurdle (14/1) as the second most difficult.

A sequence of successful favourites has promoted the Royal and Sun Alliance Novices Hurdle to being the easiest race of which to find the winner (5/2). Beware, however, of short priced favourites; of the last 34 horses to start favourite at odds of 2/1 or less 25 have been beaten!

Now the headlines

- 72% of all winners in the last ten years were first or second in their last race before the Festival
- 75% of all winners in the last ten years had starting prices from 3/1 to 20/1 (inclusive)
- 53% fit both patterns.

Enjoy the best three days of the racing year!



A couple of simple, two-minute systems from one of our long standing European members living in Holland.

KISS#1

SIX-YEAR-OLD+ HANDICAPPERS

Henk Eilerts

This first system is extremely easy to operate, yet in my experience keeps on providing a steady stream of decent priced winners.

System rules:

- ◆ Handicaps are the only type of races considered.
- ◆ Flat Racing only (turf or all-weather)
- ◆ Consider only horses aged 6 and over.
- ◆ To qualify, the horse must be carrying the highest top-weight of all the declared runners at the meeting.

Example from Lingfield February 12th, 2000;

Just two top-weights were 6 years or older.

1.25 race,	Apollo Red	11-y-o	carrying 10.00
1.55 race,	Distinctive Dream	6-y-o	carrying 9.11

Selection for meeting is Apollo Red. (won 6/1)

KISS#2

BACK TO WIN AGAIN

Henk Eilerts

The second simple strategy is merely to back any horse who won this particular race last season, and is returning in an attempt to win the same event again.

Again, the examples from Saturday February 12th, 2000

Selections:	Catterick 3.20	Galen	Lost
	Catterick 4.20	Trade Dispute	Won
	Newbury 3.35	Flying Gunner	Won

KISS#3

CHELTENHAM KISS

Steve Tilley

Is this a record for the shortest Kiss?
 . . . (*don't know Steve, check out the one above! - Ed*)

- ◆ Back all horses at Cheltenham in non-handicaps who start between 6/1 and 19/2.

Over 8 years, 217 runners providing 35 winners. Level stake percentage profit 40%. Average advantage 1.35 per bet.
 Archie = 2.82.

Last years winners Stormy Fairweather 9/1 and DeeJayDee 13/2

Last month Keith Thompson, uncovered a method giving 10 years profits from the 10 seasons tested and asked if anyone could bring the figures up to date.

10 FROM 10 IS NOW 13 FROM 13

Hugh Spilsbury

K eith Thompson's research last issue showed 10 winning seasons from the 10 he tested using Racedata's excellent Racing System Builder package (RSBFast). However, his version of RSB has not been upgraded with the latest seasons and he could only check up to the end of the 1997 flat season.

Responding to his request for the two most recent seasons to be checked using the same criteria, step in . . . Hugh Spilsbury.

As a reminder of the rules developed by Keith, these were;

- Race Type: 3-y-old plus maidens
- Starting Price rank: First favourite
- Starting Price: 1/1 > 4/1
- Top rated by: Topspeed
- Months: May to October inclusive
- Going: Good to Soft, Good, Good to Firm & Firm

These factors were tested with RSBFast over the 10 year period 1988 to 1997 and showed a profit for every year. There were however very few bets each year (ranging from 30 to 53 per year) and Keith concluded it was in fact a poor system with such low prices and the need to maintain a very high strike rate.

Hugh re-processed the same factors through RSBFast which indicated the following results breakdown for 3 years not checked by Keith. These were 1987, 1998 & 1999

Having analysed all the results it shows the system to be maintaining

Year	Won	Ran	Strike rate	1pt. Level Stake
1987	12	26	46.2%	+ 3.32
1998	24	55	43.6%	+ 6.48
1999	24	59	40.7%	+ 0.03

its year-on-year profitability (albeit only just in 1999 with 0.03 profit from 59 selections).

There were however some interesting facts to emerge, maybe not explored in Keith's original analysis.

Of the 544 selections over the full 13 year research, no fewer than 454 finished in the first three places! (that's 83% !)

(these facts by the way count only 1st, 2nd and 3rd place finishes - it takes no account of numbers of runners)

379 of the 544, or 69%, finished in 1st or 2nd place.

251 from 544 finished first, 46.14% of the total.

Significantly perhaps the latest two seasons are amongst the worst.

A useful system perhaps - but it seems a little lacking for those amongst us who like to see a bit more action!



Modern Times?

As we go to press comes the sad news of the death of a legend. Sir Stanley Matthews died at the age of 85 on February 23rd 2000.

Proclaimed as a genius, this £20-per-week footballer, must be one of the best known names ever, all the world over, equally to soccer lovers and those who have never even watched a game.

A quiet, unassuming and modest individual, always quick to share the praise with his team colleagues - and on the pitch never received a referee's caution. A very sad loss of someone who richly deserved the adoration of every fan, opponent, and the aspiring child footballer alike - a reputation that was built on his skills as a footballer and as a man.

Soccer and the world have changed far too much for any other player to ever come close to the achievements and stature of Sir Stanley. The gentleman & footballer whose skill did the talking.

The latest from our on-going comparison of Timeform and One Jump Ahead's horses-to-follow lists for the current National Hunt season 1999/2000.

NATIONAL HUNT HORSES-TO-FOLLOW LISTS

Terry Collins

Continuing the charting of the progress of two of the well known horses to follow publications, namely TIMEFORM '50 to follow' and ONE JUMP AHEAD by Mark Howard.

For the purposes of this exercise Timeform consists of the fifty named horses to follow while One Jump Ahead consists of the fifty to follow plus the 'Best of The Rest' (62 in total) the same criteria as last year.

All selections were backed to a 1 point win, regardless of any comments made in either publication and only horses running at any of the 59 UK mainland courses were used in forming the tables. These limitations should be borne in mind when reviewing the results.

The checking started from 22nd October 1999 and will continue until after the Grand National - which equates to the same time period we covered for last season's comparisons.

To see how our chosen two have performed over the last month read on . . .

TIME FORM (-£14.05)

	selections	winners	BALANCE	win SP's
25-Jan	1	0	-£15.05	
27-Jan	1	0	-£16.05	
29-Jan	5	1	-£16.71	10/3
31-Jan	1	0	-£17.71	

TIMEFORM (continued)

	selections	winners	BALANCE	win SP's
01-Feb	1	1	-£16.80	10/11
02-Feb	3	1	-£18.60	1/5
05-Feb	5	2	-£19.90	1/2, 6/5
09-Feb	1	0	-£20.90	
11-Feb	2	0	-£22.90	
12-Feb	1	0	-£23.90	
17-Feb	2	0	-£25.90	
18-Feb	1	0	-£26.90	
19-Feb	4	0	-£30.90	

- Selections 28
- Winners 5
- Strike rate 18%

ONE JUMP AHEAD
(-£10.41)

	selections	winners	BALANCE	win prices
24-Jan	1	0	-£11.41	
26-Jan	1	1	-£10.75	4/6
27-Jan	0		-£10.75	
28-Jan	1	0	-£11.75	
29-Jan	1	0	-£12.75	
01-Feb	2	0	-£14.75	
02-Feb	2	1	-£15.55	1/5
03-Feb	1	0	-£16.55	
04-Feb	1	1	-£14.67	15/8
05-Feb	4	2	-£8.17	1/2, 8/1
08-Feb	1	0	-£9.17	
09-Feb	1	1	-£8.56	8/13
11-Feb	3	0	-£11.56	
12-Feb	9	3	-£13.71	8/13, 8/11, 5/2
14-Feb	1	1	-£3.71	10/1
18-Feb	2	1	£1.29	6/1
19-Feb	6	3	£17.29	5/1(2),9/1

- Selections 37
- Winners 14
- Strike rate 38%

A very bad month was had by Timeform with only 5 winners chosen, 3 of which were odds on shots, recording a thumping 16 point loss and leaving a mountain to climb with Cheltenham looming!

One Jump Ahead on the other hand, took the bull by the horns in the last few days of checking to record a 27 point profit for the same period and makes a mockery of my suggestion last month that the SPs were rather cramped!

Filters:

Last year One Jump Ahead had a blank Cheltenham so I suggested giving it a miss this year as a filter.

I still feel that way but must admit I'll be prepared to eat my words post Cheltenham!

The 'only back selections at 3/1 or more' mentioned last month produced the following results when applied over the whole period.

Timeform	(-£30.90)
Filtered Result	-£22.17

Another slight improvement in the figures but not enough to disgruntle your bookie.

One Jump Ahead	(+£17.29)
Filtered Result	+£30.33

Good news once more for the One Jump Ahead followers as the filter just falls short of doubling the profits!



If you'd like to be notified automatically by Email if one of your own 'horses-to-follow' is running, Terry operates a horse-tracking service. Check out <http://members.tripod.co.uk/HTS/tracker.htm> to get more details. (14 day free trial available)

The final instalment of our newly developed month-by-month ratings for this jumps season. Aimed specifically at National Hunt all-age handicaps and split into hurdle and chase categories.

N. HUNT AI RATINGS - MARCH

SMARTsig Report

The SMARTsig ratings tables allow quick comparison to be made between runners in *NH all age handicaps* using the information relating to each runner's last 3 form figures, its age and gender. A neural network was trained with outputs of 1 for a win, zero for a loser. The generated outputs were consequently also within the range zero to one but for ease of use the tables display the NNet output values multiplied by 1,000.

Care should be taken with your interpretation of 'last three form figures' when consulting the tables. Finishing positions 1, 2, 3 & 4 are represented 'as is', and '0' is any finish of 5th or worse.

e.g. newspaper form figures 878352. For our purposes the last 3 figures would be read as '302'

Non-finishers, 'F', 'B', 'P', 'U', etc. are also regarded as '0'

e.g. newspaper form figures of 88F1UF would be interpreted as '100'

Disqualifications noted in the form figures are ignored, simply drop the 'd' e.g. Newspaper form figures of 121212d1, last 3 = '121'

Season break identifiers of '-' and '/' are all converted to '-' and must be included as form figures.

e.g. Newspaper form figures 00/0-. The last 3 would be read as '-0-'

Occasionally a runner will have fewer than three form figures, these groups will be found in the final table on page 74. Finally, please remember to distinguish between chases and hurdles, the two sets of ratings are NOT interchangeable.

This March table is the final one of the series.

Tables begin on the next page . . .

MARCH CHASES										formfigures		MARCH HURDLES																	
5yo		6yo		7yo		8yo		9yo		10yo+				4yo		5yo		6yo		7yo		8yo		9yo		10yo+			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
669	531	584	477	517	436	466	405	425	379	391	355	1	1	1	450	347	381	318	322	294	277	282	254	285	257	311	291	363	
580	428	512	393	460	369	420	351	388	336	360	320	1	1	2	416	308	368	296	328	287	300	287	291	301	306	334	350	392	
499	341	446	324	407	315	378	309	353	304	331	294	1	1	3	372	259	344	263	321	268	310	279	314	302	340	342	394	404	
424	269	387	268	359	272	339	278	321	280	302	275	1	1	4	315	198	307	217	301	235	305	256	322	287	358	333	420	399	
325	186	306	207	295	230	285	248	274	260	258	259	1	1	0	201	76	220	116	240	151	264	187	298	228	349	281	421	351	
390	238	359	245	337	255	320	266	305	271	287	268	1	1	-	281	161	282	188	285	212	296	238	319	273	360	321	426	388	
654	531	574	481	511	444	463	416	425	392	393	369	1	2	1	464	369	395	339	337	315	294	301	272	304	276	328	312	380	
566	428	502	397	454	376	417	361	387	348	361	333	1	2	2	427	333	380	320	339	309	312	307	304	319	320	351	365	407	
484	341	436	327	401	321	374	318	352	314	331	305	1	2	3	381	287	353	289	330	291	318	300	323	320	349	358	403	419	
409	267	376	270	352	277	334	284	318	288	300	283	1	2	4	322	229	313	245	307	259	310	278	326	306	362	349	424	412	
307	181	293	206	284	230	277	250	268	262	252	263	1	2	0	206	112	224	148	241	179	264	210	297	248	346	297	417	362	
374	235	347	246	329	259	315	271	301	277	284	275	1	2	-	288	194	288	217	290	237	299	260	321	291	362	337	427	401	
637	526	562	481	503	448	459	422	423	401	394	380	1	3	1	465	377	395	344	336	316	292	300	269	300	273	322	309	371	
549	424	490	397	446	379	413	367	386	356	362	342	1	3	2	424	342	375	325	333	310	305	304	295	313	310	342	354	395	
468	335	424	326	393	323	369	322	350	320	330	312	1	3	3	374	297	344	294	319	292	305	297	308	313	333	347	385	403	
392	260	363	267	343	277	328	286	314	291	298	288	1	3	4	312	240	300	251	291	260	291	273	305	297	339	335	398	394	
288	171	277	199	272	226	268	248	260	261	246	262	1	3	0	192	125	205	155	219	179	237	205	267	236	313	279	380	339	
356	228	333	241	318	257	307	271	296	280	281	278	1	3	-	276	206	273	223	271	238	278	255	297	282	335	322	397	381	
619	517	548	476	495	447	454	425	422	406	395	387	1	4	1	452	370	380	331	317	298	271	277	246	272	247	290	281	335	
531	415	477	392	437	378	407	369	384	360	362	348	1	4	2	406	334	353	310	308	290	276	279	263	282	275	305	316	353	
450	325	411	320	383	320	363	322	347	322	329	315	1	4	3	351	288	316	278	287	270	269	268	268	278	289	306	337	357	
373	249	348	259	332	272	320	284	309	291	295	288	1	4	4	283	230	266	233	252	235	248	242	257	258	287	290	341	342	
266	156	260	187	258	217	257	241	252	256	240	257	1	4	0	155	114	163	135	170	152	183	169	207	193	248	228	310	280	
336	215	318	233	307	252	299	268	290	278	277	277	1	4	-	245	196	236	205	229	212	231	222	245	241	279	275	336	327	
589	496	527	462	480	439	445	422	419	408	396	391	1	0	1	405	325	324	275	254	231	199	199	167	183	161	190	188	225	
502	393	456	377	423	369	399	365	380	360	362	350	1	0	2	347	285	284	248	230	216	190	193	168	184	172	196	206	233	
420	302	388	303	368	309	353	315	341	319	327	314	1	0	3	280	234	235	211	196	189	168	174	158	172	170	187	209	225	
342	223	324	239	314	258	308	274	301	283	290	283	1	0	4	201	172	173	161	148	148	133	141	132	143	151	161	196	200	
231	124	232	161	236	195	239	223	238	241	229	244	1	0	0	57	50	52	55	47	55	48	56	60	64	88	84	139	121	
304	187	293	211	288	235	285	255	281	268	270	269	1	0	-	157	135	137	130	119	122	109	118	113	122	135	141	182	179	
609	511	541	473	490	445	451	425	421	408	395	389	1	-	1	440	359	365	317	301	281	252	257	225	249	225	263	257	306	
522	408	470	388	433	376	405	369	383	361	362	349	1	-	2	391	322	335	295	287	271	253	256	238	256	247	276	287	321	
440	319	404	315	378	318	360	321	345	322	329	316	1	-	3	332	276	294	262	262	249	242	244	238	250	256	274	302	321	
363	241	340	254	326	268	316	282	307	289	293	287	1	-	4	261	217	241	215	224	213	216	216	223	228	249	255	301	303	
255	146	251	179	251	210	251	236	247	251	236	254	1	-	0	128	100	132	116	136	127	146	140	166	158	203	189	262	237	

MARCH CHASES							formfigures		MARCH HURDLES																			
5yo		6yo		7yo		8yo		9yo		10yo+			4yo		5yo		6yo		7yo		8yo		9yo		10yo+			
M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
617 493	543 449	486 417	443 392	408 371	379 350	2	1	1	430 359	366 330	309 304	266 287	241 284	240 300	269 342													
534 398	476 372	433 355	400 343	373 332	349 317	2	1	2	395 318	352 306	315 295	288 290	278 297	289 321	328 368													
459 318	416 309	385 306	362 305	342 302	321 293	2	1	3	350 267	328 271	309 274	298 280	301 297	324 328	372 380													
391 252	362 259	342 269	327 277	312 281	294 276	2	1	4	293 203	291 223	289 238	293 256	309 280	343 318	399 373													
301 181	290 208	284 234	279 254	270 266	254 264	2	1	0	180 79	205 120	228 153	254 185	287 220	335 265	402 324													
360 225	337 239	322 254	310 267	298 274	281 270	2	1	-	260 166	267 193	273 215	285 237	307 266	345 306	405 362													
605 494	535 454	482 424	441 402	408 383	381 362	2	2	1	450 390	386 359	330 332	287 314	263 309	263 325	293 365													
522 398	468 376	428 361	398 351	373 341	351 327	2	2	2	414 353	371 338	333 325	306 318	296 323	308 346	347 391													
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378 250	352 260	335 272	322 282	309 286	292 281	2	2	4	310 246	306 262	303 274	306 288	321 309	354 343	409 396													
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345 222	326 238	314 256	305 270	294 278	278 274	2	2	-	276 211	282 234	286 251	297 270	317 295	355 331	413 385													
590 490	525 453	475 427	438 407	408 390	382 370	2	3	1	458 408	393 373	335 343	291 321	266 313	266 325	295 363													
508 393	458 375	422 363	395 356	372 347	351 334	2	3	2	419 372	374 354	334 336	306 325	294 327	304 346	342 387													
432 311	397 309	373 311	354 314	338 313	320 305	2	3	3	371 327	345 323	322 318	309 318	309 327	330 351	375 396													
362 243	341 255	327 270	316 282	305 287	289 283	2	3	4	311 270	303 280	297 286	297 295	309 311	339 340	391 388													
267 163	263 196	262 225	261 249	255 261	241 260	2	3	0	194 156	212 185	228 207	248 228	275 253	317 287	379 336													
329 213	314 233	305 253	298 269	288 277	273 274	2	3	-	276 236	277 252	278 265	285 277	303 297	337 328	392 376													
574 480	514 448	468 426	434 409	407 393	383 375	2	4	1	453 410	385 371	324 334	277 307	249 294	246 302	272 335													
492 384	447 369	414 361	390 356	370 349	351 337	2	4	2	410 375	361 350	317 327	285 310	270 305	277 319	311 355													
415 301	385 302	364 307	349 312	335 313	319 305	2	4	3	357 330	327 319	299 308	281 300	278 303	294 321	336 360													
345 230	327 246	317 263	309 277	300 284	286 280	2	4	4	293 273	280 276	269 275	264 276	271 285	296 307	344 348													
247 147	246 182	249 214	250 239	246 253	233 252	2	4	0	170 160	182 181	192 194	205 206	227 223	263 249	319 290													
311 200	300 222	294 245	289 263	282 272	268 269	2	4	-	256 240	252 248	247 253	249 258	261 269	290 293	341 334													
547 458	494 433	455 416	427 403	404 391	384 375	2	0	1	420 384	342 332	273 284	218 245	182 221	171 218	190 240													
465 361	427 352	401 350	382 348	367 345	351 334	2	0	2	366 346	307 308	254 271	213 242	189 225	187 226	213 250													
388 276	364 283	350 293	339 302	329 305	316 300	2	0	3	304 298	262 273	225 247	196 226	183 216	189 220	222 246													
315 202	304 224	300 245	296 263	291 272	279 270	2	0	4	230 238	205 225	182 209	166 196	162 190	177 198	214 224													
213 112	219 153	226 189	232 217	231 233	219 233	2	0	0	93 121	92 124	89 121	89 117	99 117	122 127	166 152													
280 170	275 198	275 225	275 246	271 258	260 256	2	0	-	188 203	172 196	155 185	145 175	146 171	163 180	203 206													
565 474	507 444	464 423	432 408	406 393	383 376	2	-	1	446 406	375 362	312 323	262 292	232 276	227 280	252 310													
483 377	441 365	410 358	388 354	369 348	351 337	2	-	2	399 370	347 341	301 314	267 293	249 285	253 295	286 328													
407 294	378 297	360 303	346 310	333 311	318 304	2	-	3	344 325	310 310	280 294	259 282	253 281	266 295	305 330													
335 222	320 240	311 258	305 273	297 281	284 277	2	-	4	277 267	261 265	246 260	238 257	242 261	264 279	309 315													
236 136	238 173	242 207	244 232	241 247	228 246	2	-	0	150 154	158 169	164 177	174 184	192 196	225 217	277 253													

MARCH CHASES							formfigures	MARCH HURDLES																				
5yo		6yo		7yo		8yo		9yo		10yo+			4yo		5yo		6yo		7yo		8yo		9yo		10yo+			
M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
573 461	509 426	460 401	423 381	394 363	367 343	3 1	1	413 357	352 326	297 297	253 274	226 263	220 269	241 298														
495 372	447 354	411 343	384 335	361 326	339 312	3 1	2	375 310	336 297	300 283	273 272	260 272	266 286	298 321														
426 298	391 296	367 298	348 301	332 299	313 289	3 1	3	327 254	309 257	291 257	280 258	281 267	299 289	340 329														
364 240	342 252	328 266	317 277	304 281	287 274	3 1	4	267 186	269 205	269 218	274 230	287 247	316 275	366 319														
283 178	279 209	277 238	274 259	266 270	249 265	3 1	0	151 57	181 96	206 127	231 154	263 182	306 217	367 265														
335 216	320 235	310 254	302 269	291 275	274 270	3 1	-	232 147	244 173	252 192	264 209	284 230	318 261	371 306														
562 462	502 430	457 407	422 389	394 372	369 352	3 2	1	438 396	378 363	323 332	279 307	252 295	247 300	269 328														
485 372	440 357	407 348	382 342	361 333	340 319	3 2	2	400 354	360 338	324 321	297 309	284 306	290 318	322 351														
415 297	384 298	362 302	346 305	330 304	312 294	3 2	3	352 303	333 303	315 299	303 298	303 303	320 322	361 359														
352 236	333 251	322 267	312 278	301 283	284 276	3 2	4	293 240	293 255	292 264	294 272	307 286	334 310	383 350														
268 170	266 204	267 234	265 256	258 266	241 261	3 2	0	178 119	205 153	227 179	250 201	280 224	321 255	379 298														
322 211	310 233	303 253	296 269	286 275	270 270	3 2	-	259 204	268 225	274 240	284 253	302 270	335 297	387 338														
549 457	493 428	452 408	420 392	394 377	370 358	3 3	1	453 422	390 386	334 351	289 322	260 306	254 308	275 333														
472 366	431 354	401 348	379 343	360 336	339 322	3 3	2	413 384	371 363	332 342	303 325	288 317	293 326	323 355														
401 290	374 294	355 300	341 305	327 304	310 294	3 3	3	364 336	341 330	320 322	305 315	303 316	318 330	356 362														
337 228	322 245	313 262	306 275	296 280	280 273	3 3	4	303 277	299 285	294 288	294 290	303 299	327 317	373 352														
250 157	252 193	255 224	255 247	249 258	233 253	3 3	0	186 160	209 187	226 206	245 221	270 238	307 262	361 299														
307 201	298 225	293 247	288 264	280 271	264 265	3 3	-	268 242	273 257	276 265	282 272	297 283	325 304	374 340														
535 447	483 422	445 405	416 391	392 377	370 359	3 4	1	456 435	390 393	330 352	281 318	249 296	240 293	258 312														
457 356	421 347	394 344	374 341	357 335	339 322	3 4	2	412 398	366 371	323 343	290 319	271 306	272 308	298 331														
386 278	363 285	347 293	335 300	323 301	307 291	3 4	3	360 352	333 339	306 323	287 309	280 303	290 310	324 336														
320 213	309 234	303 253	298 268	290 274	274 267	3 4	4	297 294	287 294	276 289	270 284	274 284	293 296	334 323														
230 138	235 176	241 210	243 234	238 245	223 240	3 4	0	175 179	191 198	202 207	214 214	233 222	264 237	312 266														
289 185	284 212	282 236	279 255	273 263	258 257	3 4	-	260 260	259 266	256 266	256 265	265 268	288 281	332 310														
510 423	465 404	433 392	409 382	389 371	369 354	3 0	1	436 426	361 371	292 318	234 272	194 238	176 223	186 231														
432 331	402 328	381 329	366 329	352 326	336 314	3 0	2	384 387	327 346	275 305	231 268	202 242	194 232	212 242														
360 251	343 263	332 275	325 285	316 288	302 279	3 0	3	323 340	285 312	247 281	217 253	199 233	200 227	223 239														
292 182	286 207	285 231	284 248	279 256	265 250	3 0	4	252 280	230 265	207 244	189 224	182 209	190 206	219 219														
196 100	207 143	217 179	223 206	220 219	206 215	3 0	0	119 165	121 166	118 158	117 147	123 139	141 138	176 150														
259 152	259 184	262 212	264 233	260 242	246 237	3 0	-	211 246	198 236	182 220	170 203	167 191	178 188	210 201														
527 440	478 417	441 402	414 389	391 376	370 358	3 -	1	453 436	384 390	321 345	270 308	236 283	224 276	241 292														
449 349	415 342	390 340	372 338	356 333	338 320	3 -	2	407 399	358 368	312 336	275 308	254 291	252 290	276 309														
378 270	356 278	342 288	332 296	321 297	305 288	3 -	3	352 352	321 335	292 315	269 297	259 287	267 290	298 312														
311 204	302 226	297 247	293 262	286 269	271 262	3 -	4	287 295	273 290	259 280	249 271	250 267	266 274	303 297														
220 127	226 166	233 201	236 226	232 238	217 233	3 -	0	162 180	173 194	180 198	189 199	204 202	230 213	275 236														

MARCH CHASES							formfigures	MARCH HURDLES																				
5yo		6yo		7yo		8yo		9yo		10yo+			4yo		5yo		6yo		7yo		8yo		9yo		10yo+			
M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
534	433	480	405	438	386	407	370	381	354	356	334	4	1	1	396	337	338	305	284	271	238	241	206	221	195	216	208	232
462	350	422	338	392	332	370	327	350	319	329	303	4	1	2	352	284	316	268	281	249	252	232	236	223	236	226	260	248
398	282	371	286	352	291	337	295	322	293	303	282	4	1	3	299	220	284	221	267	217	255	211	252	212	265	222	298	249
342	230	327	246	317	263	308	274	296	278	278	268	4	1	4	235	146	239	162	241	171	244	176	254	185	277	202	319	233
270	177	270	211	271	241	270	262	261	270	242	262	4	1	0	111	6	144	44	171	71	195	92	224	112	262	137	315	172
316	209	306	232	301	253	295	268	284	273	266	264	4	1	-	197	103	212	127	222	142	232	153	249	166	277	186	323	218
525	432	474	407	435	390	405	375	381	360	357	340	4	2	1	426	384	368	349	314	313	268	281	237	259	225	252	239	266
453	348	415	339	388	334	367	330	349	322	328	307	4	2	2	384	336	347	318	311	296	282	276	264	264	265	265	288	284
388	279	364	285	347	292	333	296	319	295	300	282	4	2	3	332	279	315	276	297	268	284	259	280	256	291	264	324	287
330	224	317	243	310	260	302	273	291	276	273	266	4	2	4	269	210	272	223	271	227	272	228	281	233	302	247	342	274
255	167	257	203	260	233	260	254	252	262	232	253	4	2	0	148	81	178	113	201	134	223	150	249	165	284	185	335	215
303	202	296	227	292	249	288	264	278	269	260	260	4	2	-	232	171	244	190	252	200	260	207	275	215	301	231	345	260
514	426	466	404	430	389	403	376	379	361	356	341	4	3	1	447	419	387	380	331	339	283	303	250	277	237	267	249	278
441	341	407	335	383	332	364	329	346	322	326	306	4	3	2	404	376	364	352	326	325	294	301	274	284	272	280	294	296
375	270	354	278	340	287	328	293	315	291	296	279	4	3	3	352	323	332	314	310	300	294	286	287	278	295	280	325	299
316	213	306	234	300	253	295	266	285	269	267	258	4	3	4	289	259	287	264	282	262	280	258	285	257	303	264	339	286
237	150	242	188	247	220	248	242	240	249	221	240	4	3	0	168	136	193	161	211	175	228	183	249	191	280	204	326	227
288	189	284	216	282	239	279	256	270	261	252	251	4	3	-	252	222	260	234	263	237	267	237	277	239	300	249	340	271
500	415	456	396	423	383	398	372	377	358	355	338	4	4	1	458	442	394	396	333	350	281	308	245	276	228	260	237	265
427	329	397	325	375	325	359	323	343	317	323	301	4	4	2	412	401	368	370	324	336	288	305	264	282	258	272	276	281
360	256	342	267	331	277	321	284	309	284	292	271	4	4	3	358	350	332	334	305	313	283	291	272	276	275	271	300	283
299	196	293	219	289	240	286	254	277	258	259	247	4	4	4	293	289	285	286	274	276	265	263	265	254	277	254	309	267
216	129	224	169	232	202	234	224	227	232	208	222	4	4	0	169	170	187	185	198	190	208	189	222	188	247	192	286	207
270	171	269	200	270	225	268	242	260	248	243	238	4	4	-	255	253	256	257	253	251	251	243	255	237	272	238	306	253
476	389	438	375	411	366	390	358	372	346	352	327	4	0	1	451	450	377	391	307	331	246	276	200	232	174	204	174	197
402	301	378	302	361	305	349	306	336	302	318	287	4	0	2	398	408	343	363	289	316	242	271	208	234	192	211	200	207
334	225	322	240	315	254	309	264	300	264	283	252	4	0	3	337	358	300	327	261	290	228	254	205	224	198	205	212	203
270	161	269	189	270	213	269	229	263	234	247	223	4	0	4	266	297	245	278	222	252	201	223	188	198	189	183	208	181
181	86	194	130	205	166	211	190	206	199	188	189	4	0	0	133	179	136	177	133	163	129	145	130	126	141	113	167	111
239	133	244	167	248	195	250	214	244	221	228	211	4	0	-	225	262	213	248	196	227	181	202	173	179	178	165	200	163
492	407	450	390	420	378	396	368	375	355	354	336	4	-	1	459	448	392	399	328	348	274	302	235	267	216	247	222	249
419	321	391	319	371	319	355	319	340	313	322	297	4	-	2	411	407	363	373	317	335	278	299	251	272	242	258	257	263
352	247	336	259	326	271	317	278	306	278	289	266	4	-	3	355	358	326	337	296	311	271	285	256	265	256	256	278	264
290	186	285	210	283	232	280	247	272	251	255	240	4	-	4	288	297	277	289	262	274	250	256	246	243	255	238	283	247
205	116	215	157	223	191	226	214	221	222	202	212	4	-	0	162	179	176	189	183	188	188	181	199	175	219	174	255	184

MARCH CHASES							formfigures	MARCH HURDLES																				
5yo		6yo		7yo		8yo		9yo		10yo+			4yo		5yo		6yo		7yo		8yo		9yo		10yo+			
M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F		
486	395	442	376	410	362	384	350	361	334	336	312	0	1	1	368	273	313	235	257	192	206	149	167	114	144	90	142	84
421	320	390	315	368	313	349	310	331	301	309	282	0	1	2	311	204	278	183	241	155	208	126	184	101	173	85	183	85
364	260	345	269	332	278	320	282	305	277	283	261	0	1	3	246	125	233	121	216	107	199	90	189	75	190	68	209	73
315	215	306	236	301	254	294	265	281	264	259	248	0	1	4	169	36	177	47	177	47	176	41	179	35	192	34	220	44
254	174	259	211	263	240	261	258	249	260	225	244	0	1	0	29	0	65	0	90	0	111	0	133	0	161	0	200	0
293	198	289	225	287	247	282	260	270	261	248	245	0	1	-	126	0	143	5	152	11	159	11	169	9	186	11	218	23
477	391	436	374	405	362	381	349	358	334	334	310	0	2	1	406	331	349	289	293	243	242	198	202	160	178	134	177	126
411	314	383	312	362	311	345	307	327	298	305	278	0	2	2	352	269	316	244	279	213	245	180	219	152	208	134	216	131
353	252	337	263	325	272	313	277	299	272	277	254	0	2	3	289	198	274	189	255	172	236	151	224	132	224	121	242	122
302	205	296	227	292	246	285	256	273	255	250	238	0	2	4	216	116	220	123	218	118	215	107	215	97	226	92	252	97
237	159	244	196	249	226	247	243	236	245	210	227	0	2	0	80	0	112	0	134	8	152	11	170	11	195	13	231	22
279	186	277	214	276	236	272	249	260	249	237	232	0	2	-	174	70	188	84	194	85	198	80	205	73	220	70	250	77
466	382	428	367	399	356	376	344	354	329	330	305	0	3	1	436	379	376	332	317	281	264	232	221	189	196	159	193	146
399	303	374	303	355	303	339	300	322	290	299	270	0	3	2	383	322	344	292	303	255	265	218	237	184	223	161	229	153
340	239	326	251	316	262	305	266	291	261	269	242	0	3	3	321	258	302	242	279	219	256	192	241	167	238	150	252	146
287	189	283	213	280	232	274	242	262	241	239	223	0	3	4	249	182	249	181	242	170	234	153	231	135	237	124	259	123
218	137	227	176	232	206	232	223	220	224	194	206	0	3	0	116	42	142	62	159	66	171	62	184	55	203	49	235	51
262	168	263	198	263	221	260	234	248	233	224	215	0	3	-	208	139	217	145	218	139	217	127	220	113	231	104	256	104
452	367	417	354	391	345	370	334	349	319	325	295	0	4	1	457	416	393	362	329	305	271	249	224	200	195	163	188	144
385	287	362	288	346	290	331	288	315	278	293	257	0	4	2	403	363	358	325	312	281	270	236	237	196	218	166	219	151
324	220	312	234	304	246	296	251	282	246	260	227	0	4	3	341	302	315	279	286	247	258	212	237	180	228	155	238	144
268	167	267	192	266	213	262	224	250	222	227	203	0	4	4	268	231	261	221	248	201	234	175	224	150	224	130	240	120
195	110	206	150	214	180	214	198	203	199	176	180	0	4	0	135	98	153	107	162	102	167	88	173	71	185	56	209	48
243	145	246	176	248	200	246	213	234	213	210	194	0	4	-	227	190	229	187	223	172	216	151	211	128	216	110	235	102
428	335	398	326	376	320	358	311	339	297	317	273	0	0	1	469	447	394	380	319	309	251	239	195	177	155	127	139	96
359	252	341	257	329	262	317	261	303	253	281	231	0	0	2	410	397	354	344	296	285	243	226	198	171	169	127	160	99
296	182	289	199	284	214	278	220	266	216	245	196	0	0	3	343	339	306	300	264	252	224	202	191	154	170	114	168	88
237	124	240	153	242	175	240	187	230	186	207	167	0	0	4	267	271	246	244	219	207	192	164	169	122	157	86	160	61
157	58	172	101	182	134	184	152	174	154	148	134	0	0	0	128	142	132	133	125	109	115	77	106	42	105	9	115	0
210	99	217	133	222	159	222	174	211	174	188	155	0	0	-	224	232	212	211	192	178	171	140	153	100	144	65	150	40
445	357	411	346	386	338	366	328	346	313	323	288	0	-	1	464	430	396	372	329	310	269	250	219	197	187	157	177	134
377	276	356	279	340	282	327	280	311	271	289	249	0	-	2	408	378	361	336	311	287	265	238	229	193	207	159	206	140
315	209	305	224	298	236	290	242	277	237	255	218	0	-	3	345	319	316	291	283	254	252	215	227	177	215	148	221	133
259	154	259	180	259	201	255	213	244	211	221	192	0	-	4	272	249	261	234	243	208	225	178	212	147	208	122	221	108
183	94	195	135	204	166	204	184	193	185	167	166	0	-	0	137	118	151	122	156	111	156	91	157	69	165	48	186	35

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