

50 Milers Fast horses (n = 4): Tables of significant results

Table 50-1. Parameters associated with electrolyte balance and hydration.

* Indicated significantly different from Pre-ride (stage A).

	stage	Mis- sing	mean	se
TP	A	0	6.94	0.11
	D	0	7.66*	0.19
	E	0	7.91*	0.23
	F	1	8.35*	0.04
	G	0	7.41	0.12
	H	0	7.41	0.29
	J	0	7.04	0.10
HCT	A	0	36.1	1.4
	D	2	43.0*	1.3
	E	0	49.2*	1.5
	F	1	48.7*	1.2
	G	0	45.3*	0.5
	H	1	41.7*	4.6
	J	0	42.5*	1.6
ALB	A	0	3.43	0.07
	D	0	3.75*	0.09
	E	0	3.86*	0.10
	F	1	4.16*	0.11
	G	0	3.74*	0.10
	H	0	3.66	0.12
	J	0	3.39	0.06
GLOB	A	0	3.51	0.07
	D	0	3.91	0.10
	E	0	4.05*	0.19
	F	1	4.19*	0.08
	G	0	3.68	0.10
	H	0	3.75	0.17
	J	0	3.65	0.07
%dPV	A	0	0.0	0.0
	D	0	-10.3*	1.6
	E	0	-13.9*	1.7
	F	1	-17.5*	0.1
	G	0	-6.9	3.3
	H	0	-7.3	3.1
	J	0	-1.46	1.5

Table 50-1 cont'd	stage	Mis- sing	mean	se
Body Mass (lb)	A	0	935.0	26.0
	D	0	891.0	29.7
	E	0	886.5*	34.4
	F	1	899.0*	19.0
	G	1	901.3*	44.1
	H	1	844.0*	22.0
	J	0	894.0*	29.4
%dBW	A	0	0.00	0.00
	D	0	-4.73*	1.2
	E	0	-5.25*	1.5
	F	1	-4.72*	1.5
	G	1	-4.04*	1.4
	H	1	-5.68*	0.6
	J	0	-4.40*	1.2
dBW (L)	A	0	0.00	0.00
	D	0	-19.9*	5.4
	E	0	-21.9*	6.2
	F	1	-20.8*	6.3
	G	1	-16.9*	5.7
	H	1	-23.1*	3.2
	J	0	-18.5*	5.014
dECFV	A	0	0.00	0.00
	D	0	-11.1*	1.6
	E	0	-14.9*	1.5
	F	2	-17.2*	0.0
	G	1	-6.9*	5.2
	H	1	-7.4*	5.8
	J	0	-1.7*	1.6
RBC	A	0	7.8	0.09
	D	1	8.6	0.51
	E	0	10.6*	0.28
	F	1	10.2*	0.20
	G	0	9.9*	0.25
	H	1	9.4*	0.62
	J	0	9.2*	0.29

Table 50-1 cont'd	stage	Mis- sing	mean	se
HGB	A	0	130	6.0
	D	1	162*	8.8
	E	0	175*	5.8
	F	1	174*	3.7
	G	0	160*	3.7
	H	1	154*	17.0
	J	0	148*	7.0
MCHC	A	0	361	3.4
	D	2	359	7.1
	E	0	356	6.7
	F	1	356*	1.2
	G	0	352*	4.6
	H	1	369*	1.3
	J	0	348*	3.4

Table 50-2. Parameters associated with muscle or liver injury

* Indicated significantly different from Pre-ride (stage A).

	stage	Mis-sing	mean	se
CK	A	0	294	33
	D	0	498	68
	E	0	750	138
	F	1	1831*	33
	G	0	1342*	304
	H	0	2011*	125
CRE	J	0	613	38
	A	0	0.90	0.06
	D	0	1.04	0.16
	E	0	1.19*	0.10
	F	1	1.11	0.09
	G	0	1.08	0.15
AST	H	0	1.12*	0.16
	J	0	0.94	0.12
	A	0	253	13
	D	0	300*	28
	E	0	317*	30
	F	1	418*	8.6
BUN	G	0	329*	26
	H	0	340*	38
	J	0	408*	22
	A	0	17.5	1.3
	D	0	17.1	1.3
	E	0	19.4	1.6
TBIL	F	1	28.3*	2.3
	G	0	22.0*	3.0
	H	0	22.6*	2.8
	J	0	25.2*	1.8
	A	0	1.64	0.25
	D	0	2.32*	0.54
TBIL	E	0	2.85*	0.64
	F	1	4.75*	0.56
	G	0	3.09*	0.66
	H	0	2.90*	0.54
	J	0	3.09*	0.73

Table 50-3. Parameters associated with hematology, immune function and inflammation.

* Indicated significantly different from Pre-ride (stage A).

	stage	Mis- sing	mean	se
WBC	A	0	11.0	0.9
	D	1	10.5	0.6
	E	0	12.8	0.9
	F	1	17.5*	0.8
	G	0	18.8*	1.1
	H	1	16.3*	0.2
	J	0	12.8	0.5
LYM	A	0	2.53	0.34
	D	1	1.99	0.40
	E	0	1.55*	0.12
	F	1	1.14*	0.20
	G	0	1.27*	0.21
	H	1	0.90*	0.31
	J	0	1.72*	0.50
%LYM	A	0	22.8	2.3
	D	1	18.7	2.7
	E	0	12.4*	1.5
	F	1	6.6*	1.5
	G	0	6.8*	1.1
	H	1	5.5*	2.0
	J	0	13.4*	3.7
NEU	A	0	7.8	0.7
	D	1	7.8	0.1
	E	0	10.7*	1.1
	F	1	15.9*	1.3
	G	0	17.1*	1.1
	H	1	15.0*	0.8
	J	0	10.5*	0.7
Neu %	A	0	70.1	2.7
	D	1	74.9*	3.0
	E	0	82.9*	2.8
	F	1	90.5*	3.7
	G	0	90.8*	1.2
	H	1	91.9*	3.8
	J	0	81.8*	3.8