

50 Milers Slow horses (n = 8): Tables of significant results

Table 50-4. Parameters associated with electrolyte balance and hydration

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

	stage	Mis- sing	mean	se
TP	AB	0	6.84	0.14
	D	0	7.36*	0.16
	E	0	7.10	0.15
	G	1	7.02	0.17
	H	1	7.00	0.31
	J	0	6.69	0.12
HCT	AB	0	35.4	1.16
	D	0	42.1*	1.30
	E	0	40.9*	0.68
	G	1	39.8*	1.22
	H	1	39.0*	1.93
	J	1	38.7*	1.30
ALB	AB	0	3.47	0.07
	D	0	3.68*	0.04
	E	0	3.47	0.04
	G	1	3.51	0.07
	H	1	3.54	0.08
	J	0	3.31	0.06
GLOB	AB	0	3.37	0.12
	D	0	3.68*	0.14
	E	0	3.63	0.15
	G	1	3.52	0.15
	H	1	3.46	0.25
	J	0	3.38	0.10
%dPV	AB	0	0.00	0.00
	D	0	-7.66*	1.44
	E	0	-3.72	0.79
	G	1	-2.56	1.29
	H	1	-3.28	2.84
	J	0	2.12	1.21

50-4 cont'd	stage	Mis- sing	mean	se
Body Mass (lb)	AB	0	1003	30
	D	2	987*	32
	E	1	979*	29
	G	1	982*	30
	H	0	999*	30
	J	1	999*	32
%dBW	AB	0	0.0	0.0
	D	1	-5.18*	0.74
	E	0	-3.91*	0.18
	G	0	-3.23*	0.49
	H	0	-1.99*	0.15
	J	0	-2.02*	0.19
dBW (L)	AB	0	0.0	0.0
	D	1	-29.0*	8.28
	E	0	-19.7*	2.05
	G	0	-14.5*	2.17
	H	0	-9.0*	0.81
	J	0	-10.1*	1.34
dECFV	AB	0	0.0	0.9
	D	2	-6.9*	2.6
	E	1	-5.4*	1.7
	G	1	-3.6	1.5
	H	1	-4.6	3.1
	J	2	2.9	1.2
dICFV	AB	0	-2.9	2.2
	D	2	-10.6*	3.3
	E	1	-13.0*	0.9
	G	1	-13.3*	1.5
	H	1	-6.2	3.2
	J	2	-12.2*	1.5
RBC	AB	0	7.25	0.27
	D	0	8.52*	0.26
	E	0	8.22*	0.20
	G	1	8.00*	0.29
	H	1	7.88*	0.31
	J	1	7.91*	0.32

50-4 cont'd	stage	Mis- sing	mean	se
HGB	AB	0	126	4.27
	D	0	151*	4.08
	E	0	140*	2.79
	G	1	136*	3.87
	H	1	137*	6.01
	J	1	136*	4.27
GLU	AB	0	113	2.8
	D	0	108	3.3
	E	0	91.6*	3.0
	G	1	103	4.5
	H	1	118	1.4
	J	0	116	3.7
Na+	AB	0	136.5	0.8
	D	0	139.7*	0.7
	E	0	135.4	1.2
	G	1	136.4	0.7
	H	1	136.4	0.9
	J	0	136.5	0.5
Cl-	AB	2	101.2	0.5
	D	1	104.9*	0.8
	E	1	104.4*	1.0
	G	2	104.2*	1.1
	H	2	103.6*	1.0
	J	0	103.9*	0.8
TCO2	AB	0	30.6	0.5
	D	0	31.4	0.3
	E	0	29.1	1.0
	G	1	29.4	1.3
	H	1	27.4*	0.8
	J	0	29.8	0.5

Table 50-5. Parameters associated with muscle or liver injury*** Indicated significantly different from Pre-ride (stage AB).**

	stage	Missing	mean	se
CK	AB	0	307	23
	D	0	461	57
	E	0	750*	180
	G	1	1132*	302
	H	1	1126*	326
	J	0	433	69
CRE	AB	0	0.95	0.06
	D	0	1.10*	0.06
	E	0	1.13*	0.08
	G	1	1.14*	0.06
	H	1	1.11*	0.08
	J	0	0.86	0.067
AST	AB	0	295	20
	D	0	331*	23
	E	0	331*	24
	G	1	361*	31
	H	1	369*	41
	J	0	354*	28
BUN	AB	0	16.5	0.7
	D	0	18.3*	0.8
	E	0	19.7*	1.0
	G	1	22.2*	1.4
	H	1	21.8*	1.5
	J	0	19.8*	1.0
TBIL	AB	0	1.50	0.11
	D	0	1.81*	0.12
	E	0	2.11*	0.10
	G	1	2.62*	0.09
	H	1	2.43*	0.07
	J	0	2.09*	0.10

Table 50-6. Parameters associated with hematology, immune function and inflammation.

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

	stage	Mis- sing	mean	se
WBC	AB	0	7.42	0.42
	D	0	8.91*	0.84
	E	0	9.96*	0.77
	G	1	10.5*	0.83
	H	1	11.3*	1.10
	J	1	9.05*	0.79
LYM	AB	0	2.22	0.29
	D	0	1.79*	0.26
	E	0	1.30*	0.16
	G	1	1.01*	0.059
	H	1	1.25*	0.17
	J	1	1.75*	0.20
%LYM	AB	0	29.7	2.76
	D	0	20.3*	2.12
	E	0	13.2*	1.15
	G	1	9.78*	0.62
	H	1	11.0*	0.97
	J	1	19.3*	1.17
MON	AB	0	0.226	0.031
	D	0	0.393	0.083
	E	0	0.502*	0.071
	G	1	0.491*	0.089
	H	1	0.522*	0.089
	J	1	0.589*	0.095
%MON	AB	0	3.01	0.33
	D	0	4.21	0.69
	E	0	4.93	0.47
	G	1	4.80	0.81
	H	1	4.52	0.60
	J	1	6.34*	0.63
NEU	AB	0	4.68	0.29
	D	0	6.52*	0.66
	E	0	8.10*	0.67
	G	1	8.98*	0.80
	H	1	9.54*	0.90
	J	1	6.60*	0.53
Neu %	AB	0	63.4	2.6
	D	0	73.3*	2.1
	E	0	81.3*	1.3
	G	1	85.2*	1.1
	H	1	84.3*	1.4
	J	1	73.2*	1.4

Table 50-6 cont'd	stage	Mis- sing	Mean	se
EOS	AB	0	0.260	0.065
	D	0	0.179*	0.043
	E	0	0.049*	0.010
	G	1	0.017*	0.004
	H	1	0.017*	0.003
	J	1	0.097*	0.026
EOS %	AB	0	3.48	0.79
	D	0	1.94*	0.38
	E	0	0.50*	0.10
	G	1	0.16*	0.03
	H	1	0.15*	0.02
	J	1	1.04*	0.30
BAS	AB	0	0.032	0.008
	D	0	0.024	0.006
	E	0	0.007*	0.002
	G	1	0.001*	0.001
	H	1	0.002*	0.002
	J	1	0.017*	0.005
BAS %	AB	0	0.469	0.110
	D	0	0.264*	0.056
	E	0	0.094*	0.021
	G	1	0.029*	0.007
	H	1	0.030*	0.007
	J	1	0.176*	0.051
PLT	AB	0	128	14
	D	0	126	15
	E	0	159	10
	G	1	168*	18
	H	1	155	20
	J	1	150	15
PCT	AB	0	0.082	0.009
	D	0	0.084	0.012
	E	0	0.103	0.005
	G	1	0.110*	0.011
	H	1	0.102	0.014
	J	1	0.099	0.010
FIBRIN	AB	1	2.90	0.15
	D	1	2.83	0.09
	E	1	2.81	0.14
	G	2	3.08	0.13
	H	2	3.00	0.27
	J	1	3.69*	0.21