${\bf S2}$  Table. All arc strengths greater than  ${\bf 0.3}$  included in the first network.

from	to	strength	direction
nlebase	NLE_1	1.00	1.00
nlebase	NLE_2	1.00	1.00
NLE_1	injured_1	1.00	1.00
NLE_2	injured_2	1.00	1.00
BIS 1	FFFS 1	0.98	0.70
FFFS 1	BIS_1	0.98	0.30
ind team	hours	0.94	0.50
hours	ind team	0.94	0.50
nlebase	RI 1	0.84	1.00
ind team	nlebase	0.78	1.00
BIS_2	FFFS_2	0.74	0.71
FFFS 2	BIS 2	0.74	0.29
gender	stiffness 1	0.71	1.00
pi	stiffness 1	0.57	1.00
NLE 1	BIS 1	0.55	0.97
BIS_1	NLE_1	0.55	0.03
 FFFS_1	BIS_2	0.52	1.00
clevel	balance_1	0.47	1.00
injured 2	stiffness 2	0.46	0.66
stiffness_2	injured 2	0.46	0.34
injured_1	stiffness 1	0.46	0.36
stiffness 1	injured_1	0.46	0.64
gender	stiffness 2	0.43	1.00
FFFS 1	injured_2	0.42	1.00
hours	injured_1	0.42	1.00
clevel	RI 2	0.42	1.00
nlebase	HRV_1	0.41	1.00
hours	HRV_1	0.40	1.00
HRV_1	NLE_2	0.39	1.00
gender	FFFS 1	0.37	1.00
injured_2	HRV 2	0.37	0.89
NLE_2	BIS_2	0.37	0.96
BIS_2	NLE_2	0.37	0.04
HRV_2	injured_2	0.37	0.11
pi	NLE_2	0.36	1.00
RI_1	BIS_1	0.36	0.41
BIS_1	RI_1	0.36	0.59
nlebase	RI_2	0.36	1.00
injured_1	balance_1	0.36	0.70
balance_1	injured_1	0.36	0.30
injured_2	balance_2	0.34	0.94
balance_2	injured_2	0.34	0.06
RI_1	balance_1	0.33	0.22
balance_1	RI_1	0.33	0.78
gender	FFFS_2	0.33	1.00
pi	clevel	0.32	0.50
clevel	pi	0.32	0.50
ind_team	FFFS_1	0.31	1.00
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S3 Table continued

from	to	strength	direction
BIS_1	FFFS_2	0.31	1.00
pi	ind_team	0.30	0.46
$ind\_team$	pi	0.30	0.54