

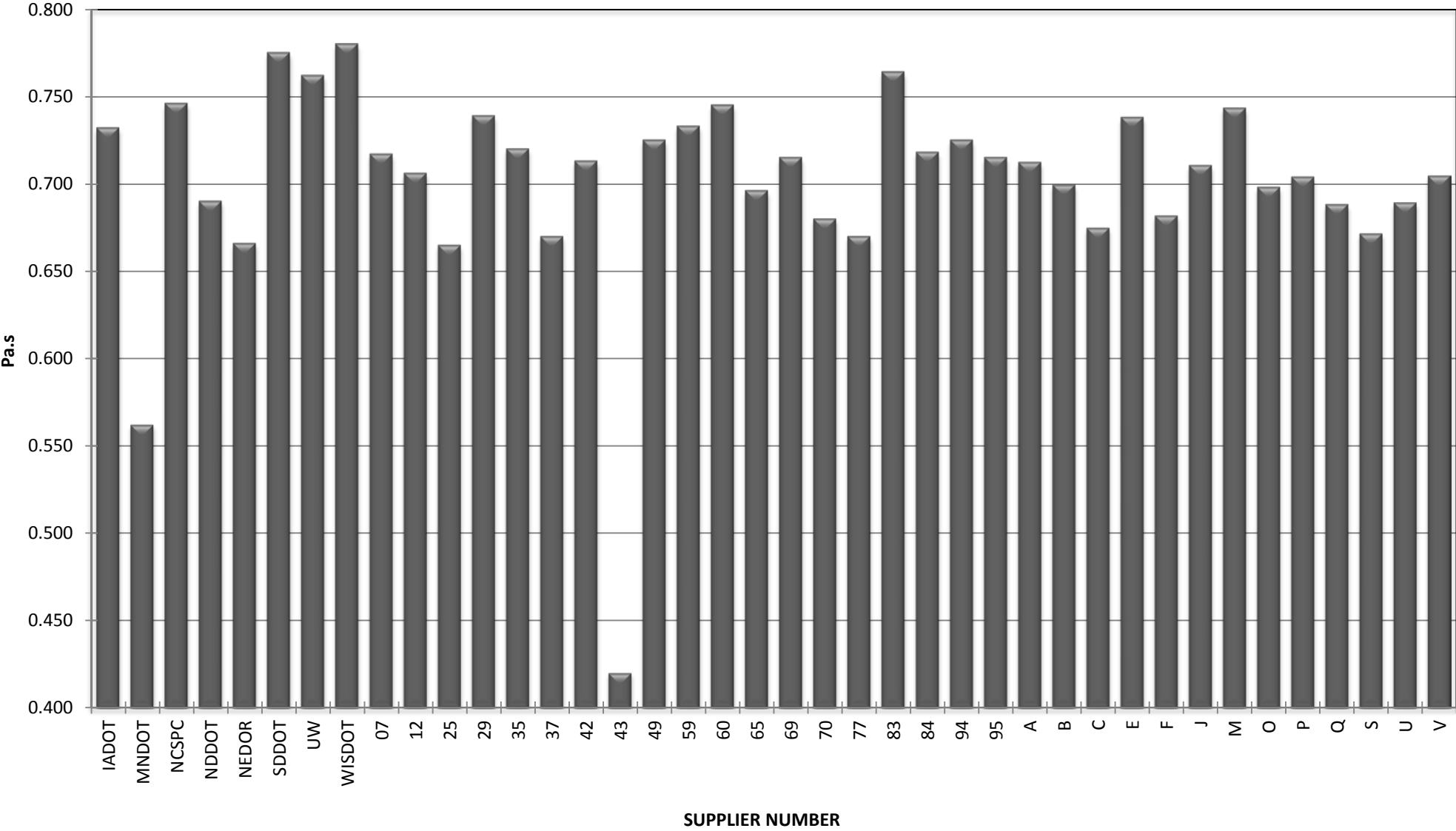
**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3 SUMMARY B**  
**PG 64-28**

Supplier Number	Rotational Viscosity (Pa.s) @135°C	DSR Original (kPa) @64°C	DSR RTFO (kPa) @64°C	DSR PAV (kPa) @22°C	Mass Loss (%) @163°C	BBR S-value (MPa) @-18°C	BBR m-value @-18°C	Jnr @ 100 Pa @ 58°C	% Recov. @ 100 Pa @ 58°C	Jnr @ 3200 Pa @ 58°C	% Recov. @ 3200 Pa @ 58°C
IADOT	0.732	1.31	2.56	2060	-0.474	192	0.345	0.684	52.71	1.084	34.93
MNDOT	0.562	1.40	2.60	1760	-0.668	184	0.354	0.598	57.20	0.850	43.12
NCSPC	0.746	1.49	3.17	2230	-0.734	200	0.341	0.577	47.60	0.736	36.95
NDDOT	0.690	1.44	2.70	2253	-0.539	198	0.352	0.592	52.63	0.836	37.58
NEDOR	0.666	1.47	3.04	2249	-0.484	199	0.338	0.650	47.37	0.831	36.67
SDDOT	0.775	1.38	2.70	1722	-0.392	175	0.358	0.743	46.95	0.945	37.11
UW	0.762	1.41	2.94	33	-0.124	218	0.342				
WISDOT	0.780	1.57	2.96		-0.442			0.611	49.32	0.771	39.73
07	0.717	1.52	2.70	2634	-0.515	193	0.341	0.770	42.40	0.940	34.71
12	0.706	1.44	2.82	2178	-0.586	193	0.350				
25	0.665	1.43	2.74	2529	-0.800	168	0.355	0.600	55.14	0.858	40.17
29	0.739	1.45	2.78	2160	-0.407	193	0.343	0.670	49.21	0.844	39.90
35	0.720	1.44	2.74	1860	-0.492	176	0.359				
37	0.670	1.46	2.68	2435	-0.471	194	0.344	0.702	49.53	0.882	40.24
42	0.713	1.43	2.87	1890	-0.590	184	0.368	0.584	53.38	0.826	38.60
43	0.420	1.49	2.80	2220	-0.409	191	0.356	0.616	49.24	0.778	39.59
49	0.725	1.41	2.77	2150	-0.534	190	0.351	0.600	53.72	0.856	38.51
59	0.733	1.49	3.00	2243	-0.442	187	0.355	0.590	54.14	0.755	41.19
60	0.745	1.41	2.84	2220	-0.562	197	0.343	0.660	50.26	0.818	41.40
65	0.696	1.50	2.87	2109	-0.529	148	0.345	0.510	49.05	0.637	39.97
69	0.715	1.52	2.74	2549	-0.426	184	0.345	0.770	41.73	0.930	34.48
70	0.680	1.45	2.93	1928	-0.496			0.720	46.53	0.888	37.98
77	0.670	1.45	3.09	2390	-0.512	185	0.338	0.607	48.21	0.767	38.30
83	0.764	1.42	2.85	2129	-0.501	183	0.349	0.607	48.96	0.768	38.98
84	0.718	1.41	2.60	2189	-0.480	188	0.345	0.700	50.57	0.886	41.26
94	0.725	1.45	2.96	1987	-0.449	169	0.354	0.567	54.04	0.806	39.34
95	0.715	1.43	2.88	2388	-0.514	192	0.345	0.640	49.50	0.820	39.20
A	0.712	1.44	2.87	1963	-0.542	184	0.364	0.658	48.08	0.827	38.08
B	0.699	1.49	3.05	1347	-0.504	182	0.345	0.654	46.28	0.841	35.36
C	0.675	1.42	2.88	2269	-0.465	202	0.345	0.648	49.62	0.800	41.29
E	0.738	1.43	3.02	2648	-0.553	193	0.345	0.625	47.93	0.807	36.42
F	0.682	1.48	2.89	2,118	-0.458	204	0.358	0.622	50.45	0.780	41.55
J	0.710	1.51	2.99	2319	-0.535	177	0.342	0.647	48.89	0.839	37.92
M	0.743	1.48	2.76	1937	-0.484	189	0.355				
O	0.698	1.41	2.67	1,960	-0.436	191	0.348	0.702	48.93	0.882	39.70
P	0.704	1.41	2.93	2411	-0.528	196	0.346	0.565	53.95	0.815	38.67
Q	0.688	1.58	2.80	1891	-0.426	183	0.367	0.590	53.90	0.852	38.93
S	0.672	1.45	2.70	2110	-0.555	172	0.356	0.677	49.26	0.859	39.52
U	0.689	1.49	2.94	2104	-0.528	174	0.357	0.540	54.47	0.766	39.62
V	0.704	1.48	2.80	2307	-0.457	193	0.345				
<b>Average</b>	0.702	1.45	2.84	2,099	-0.501	187	0.350	0.637	50.03	0.834	38.77
<b>Std. Dev.</b>	0.0596	0.0501	0.1423	427.7010	0.1023	12.1530	0.0077	0.0615	3.4080	0.0747	2.0578
<b>Coef. of Var.</b>	8.490	3.447	5.009	20.372	20.422	6.485	2.200	9.649	6.812	8.960	5.308



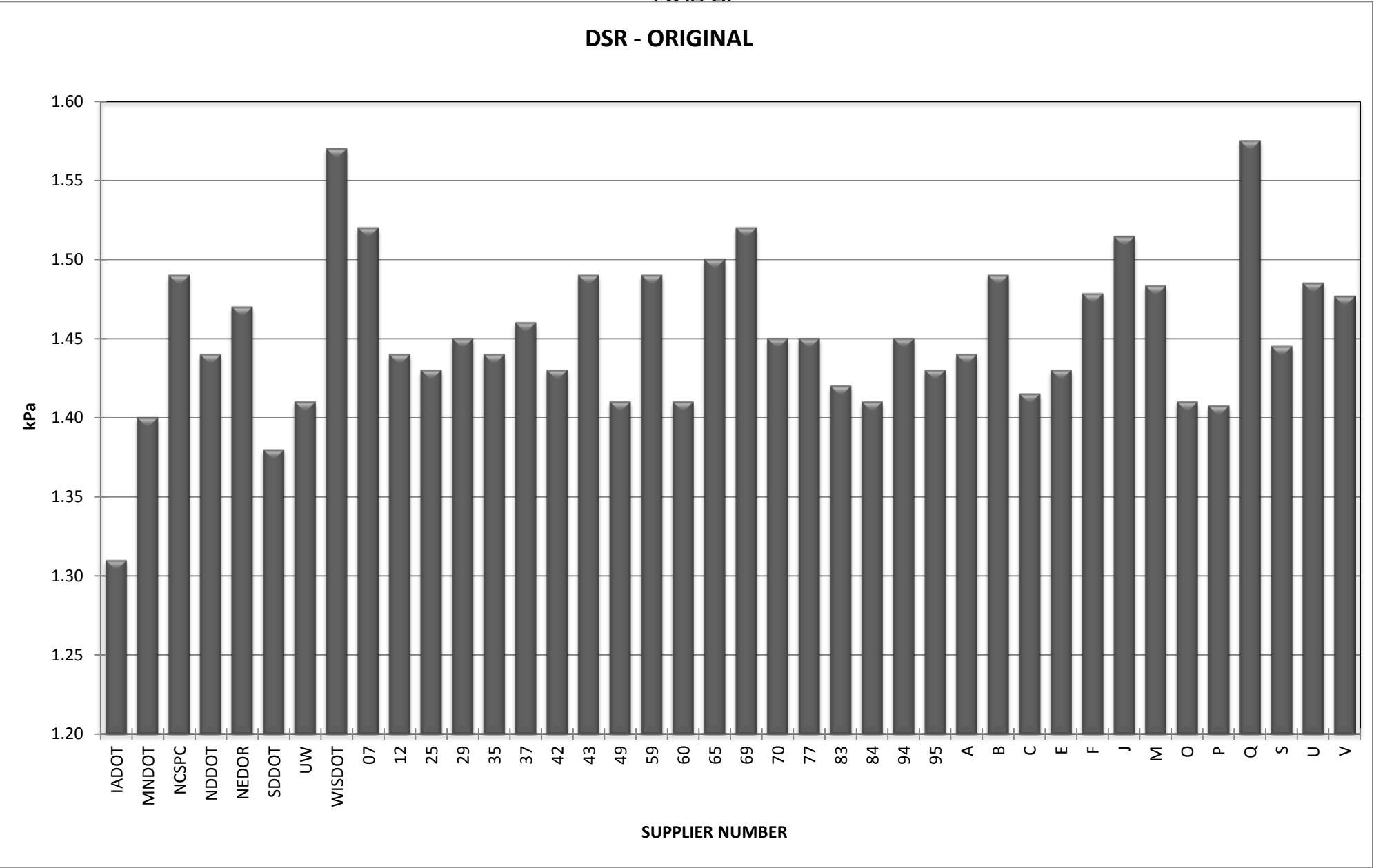
COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28

ROTATIONAL VISCOSITY



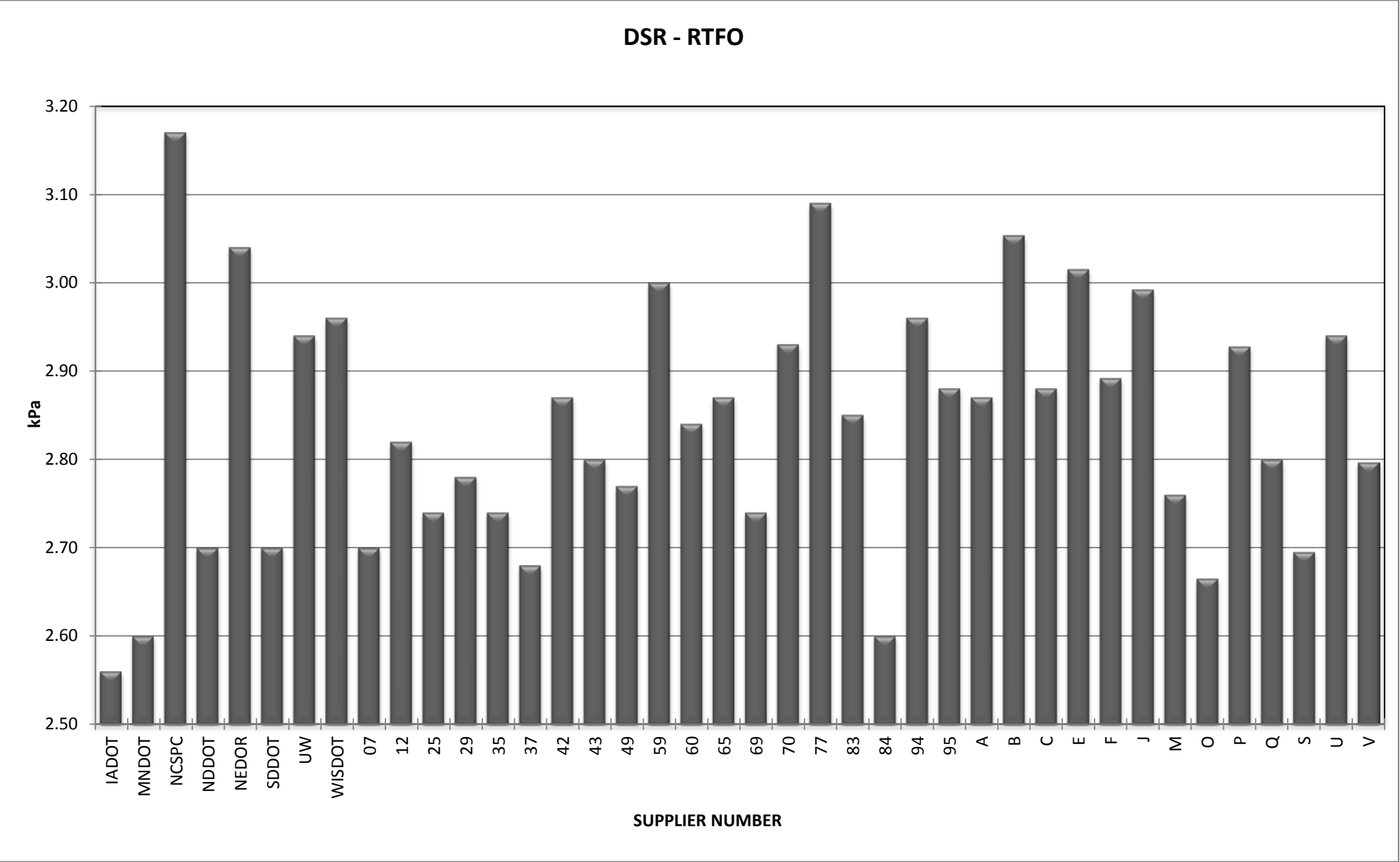
COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28

DSR - ORIGINAL



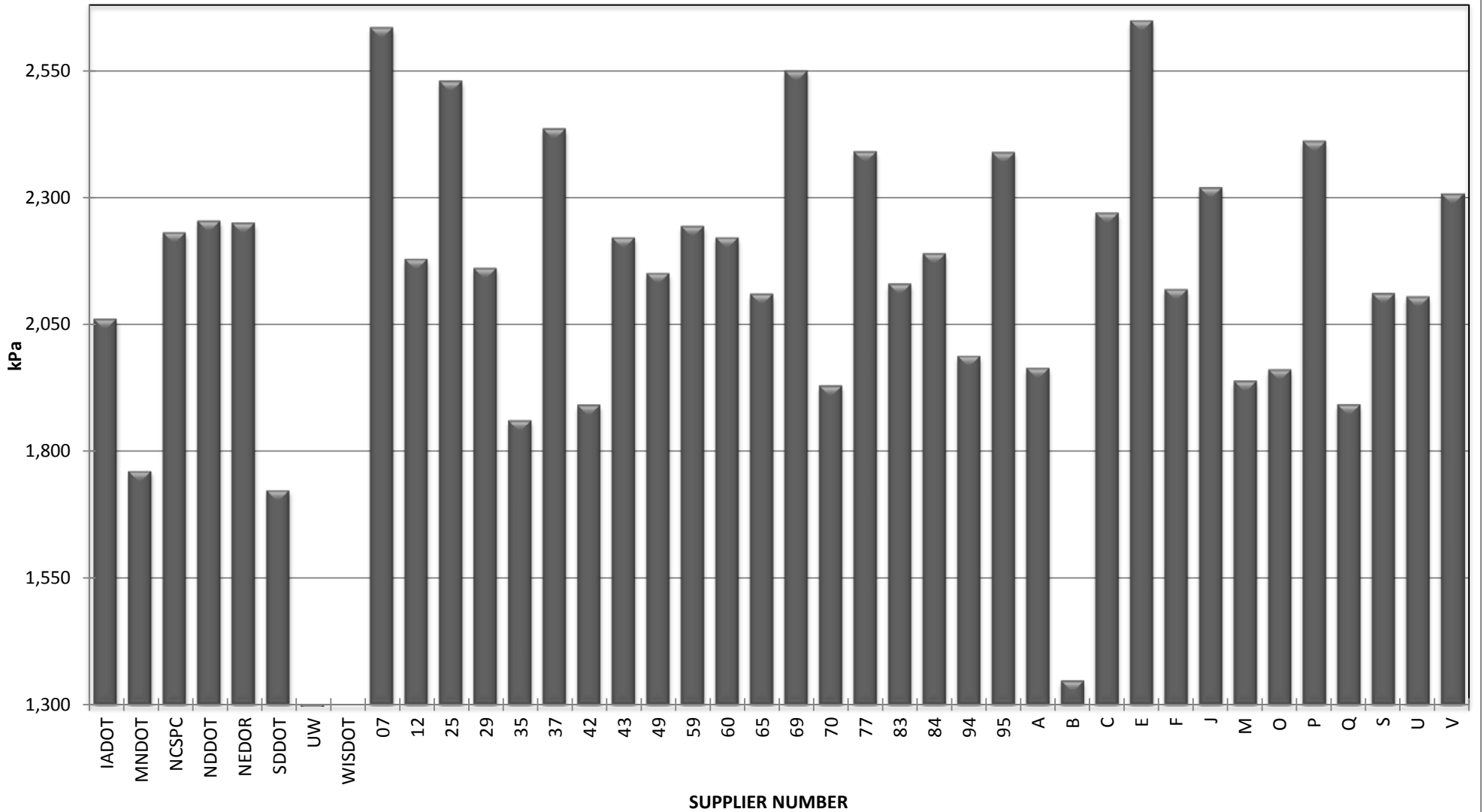
**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28**

**DSR - RTFO**



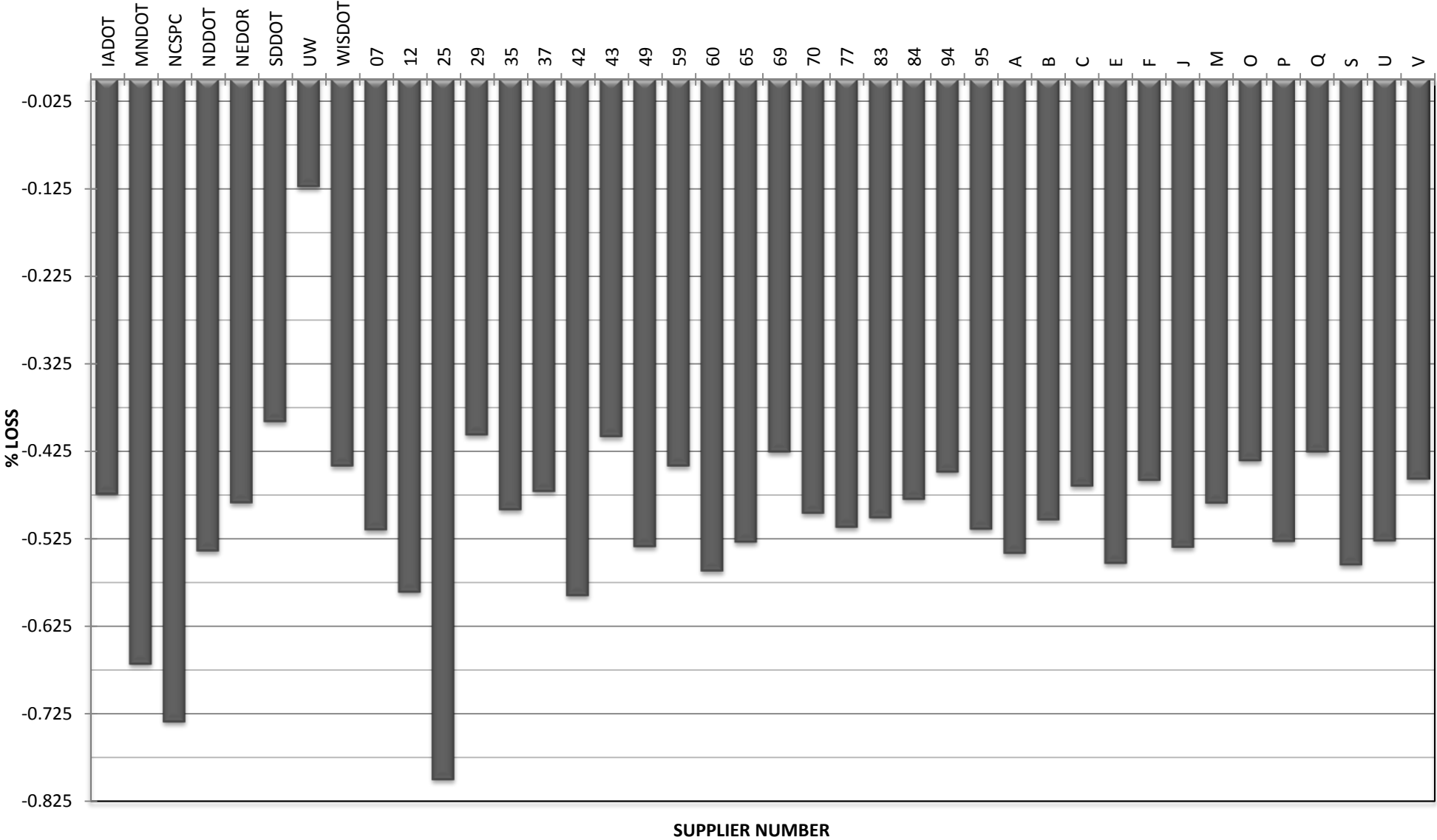
**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28**

**DSR - PAV**



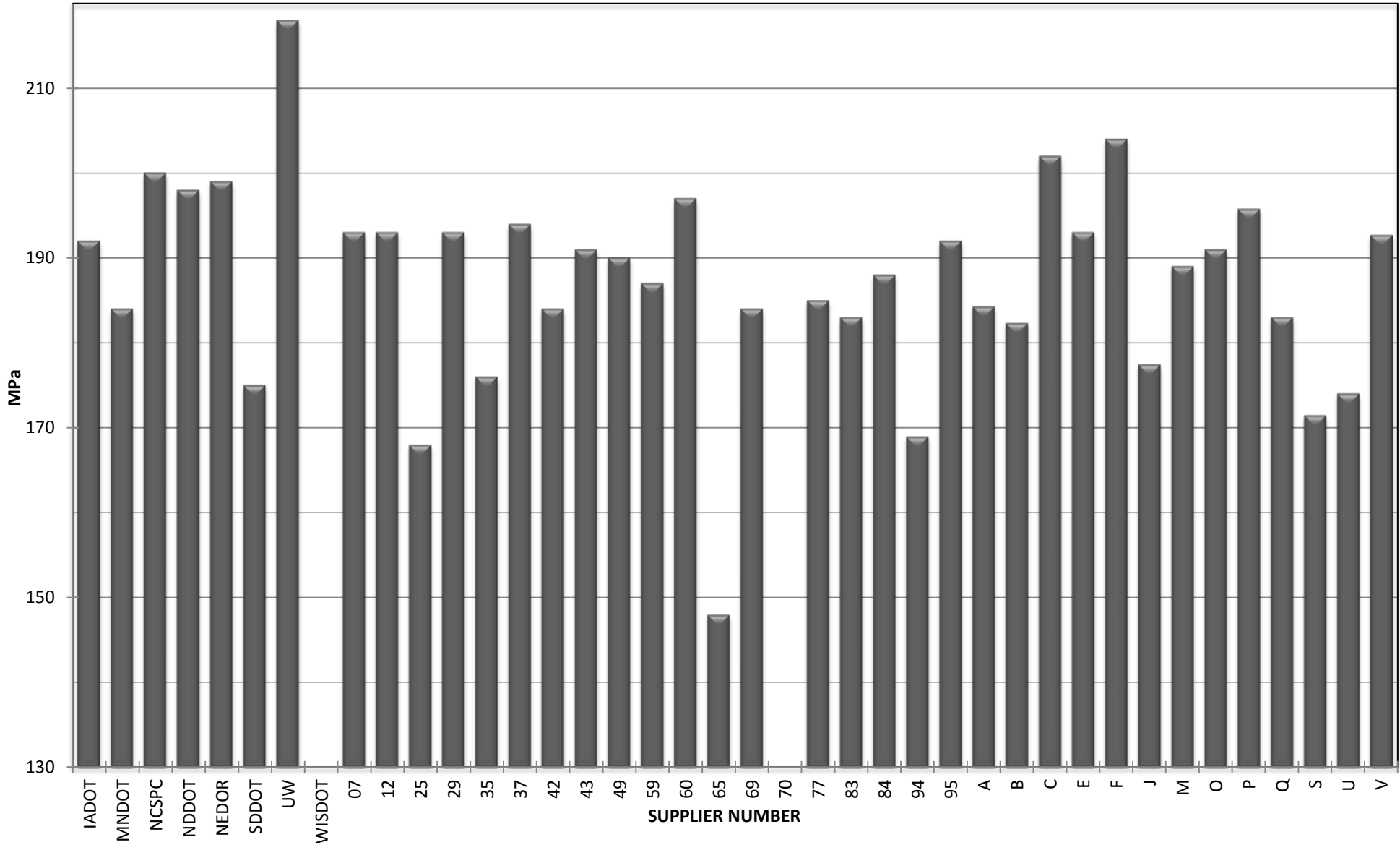
**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28**

**RTFO MASS LOSS**



COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28

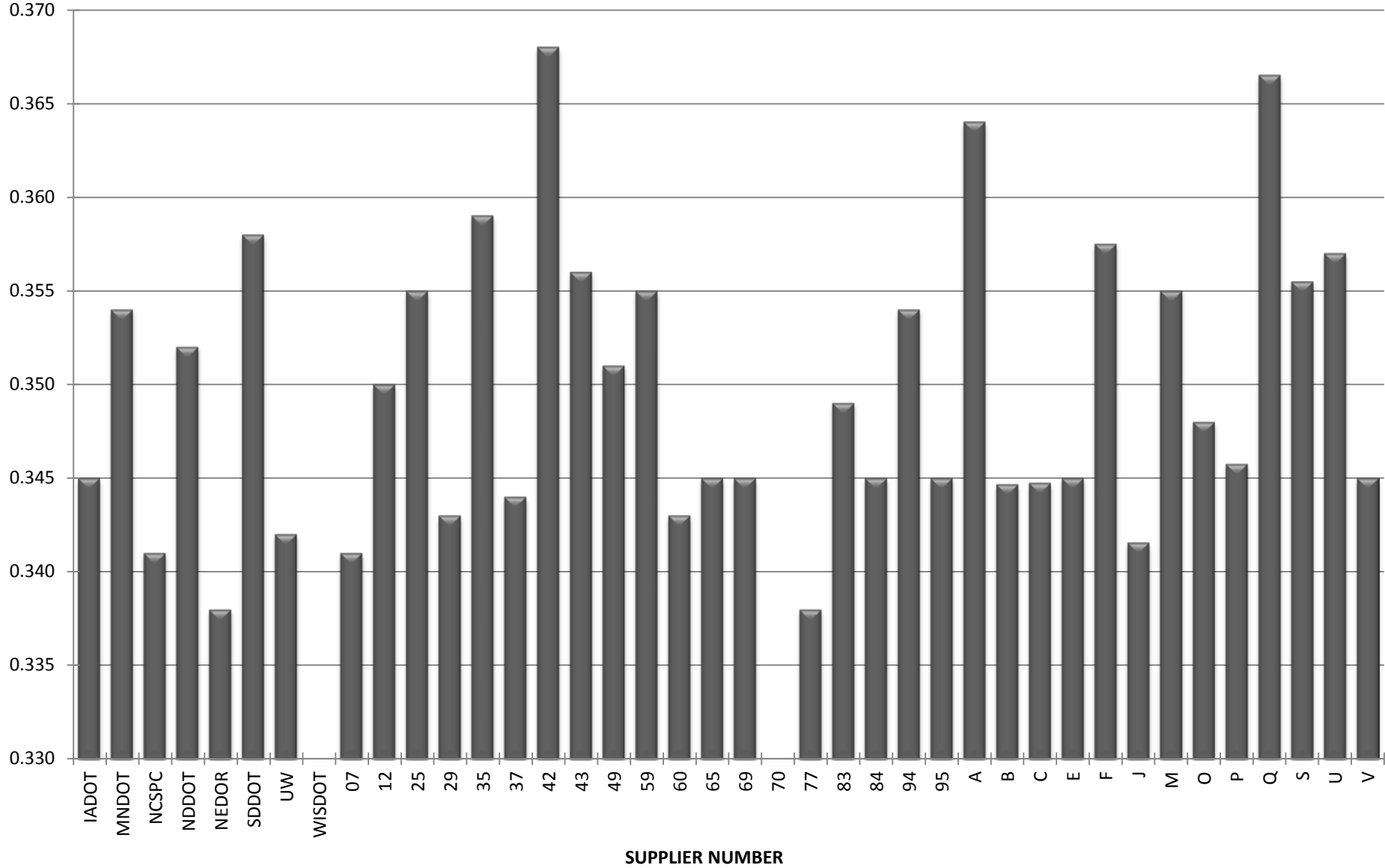
BBR STIFFNESS





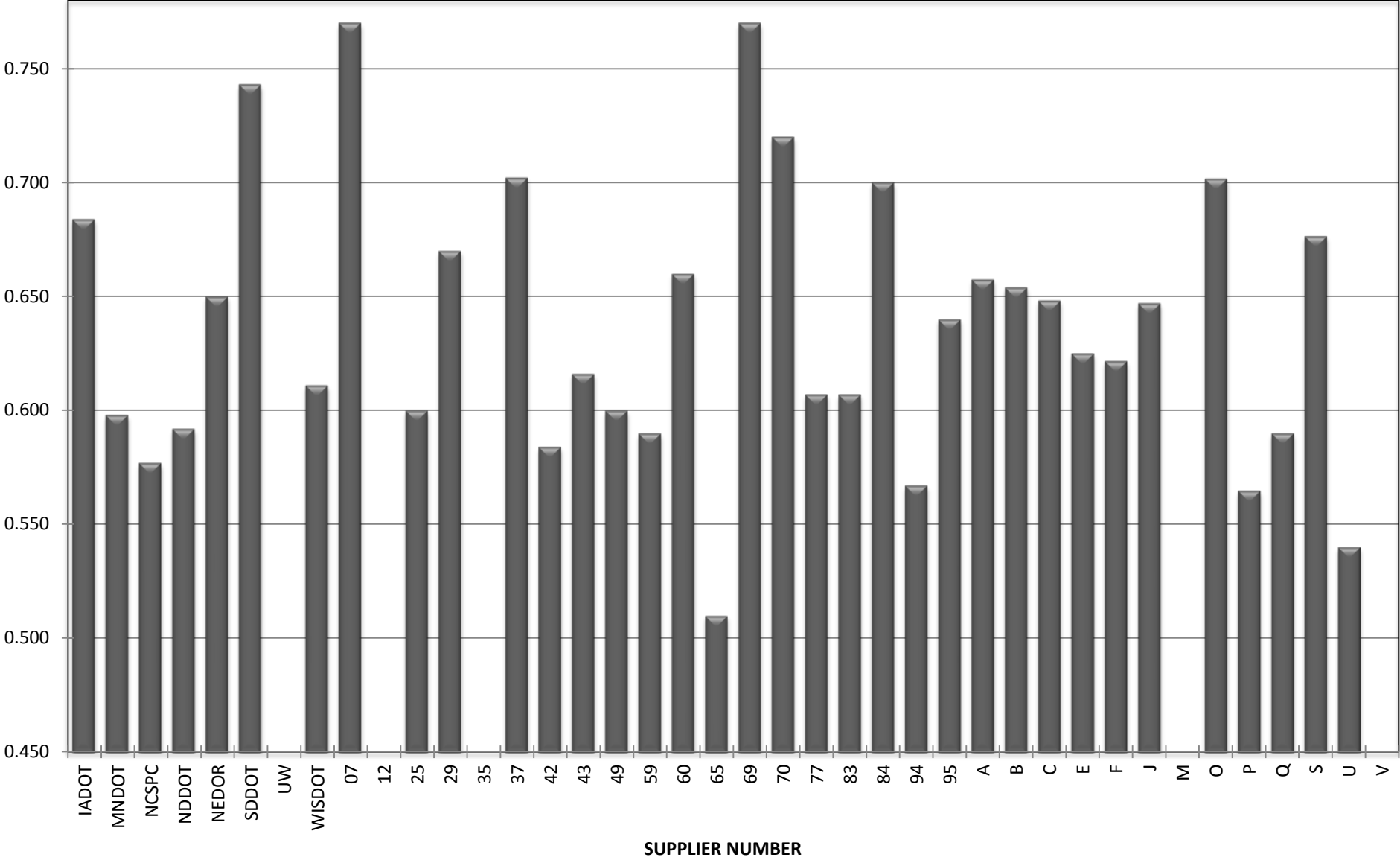
COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28

BBR m-VALUE



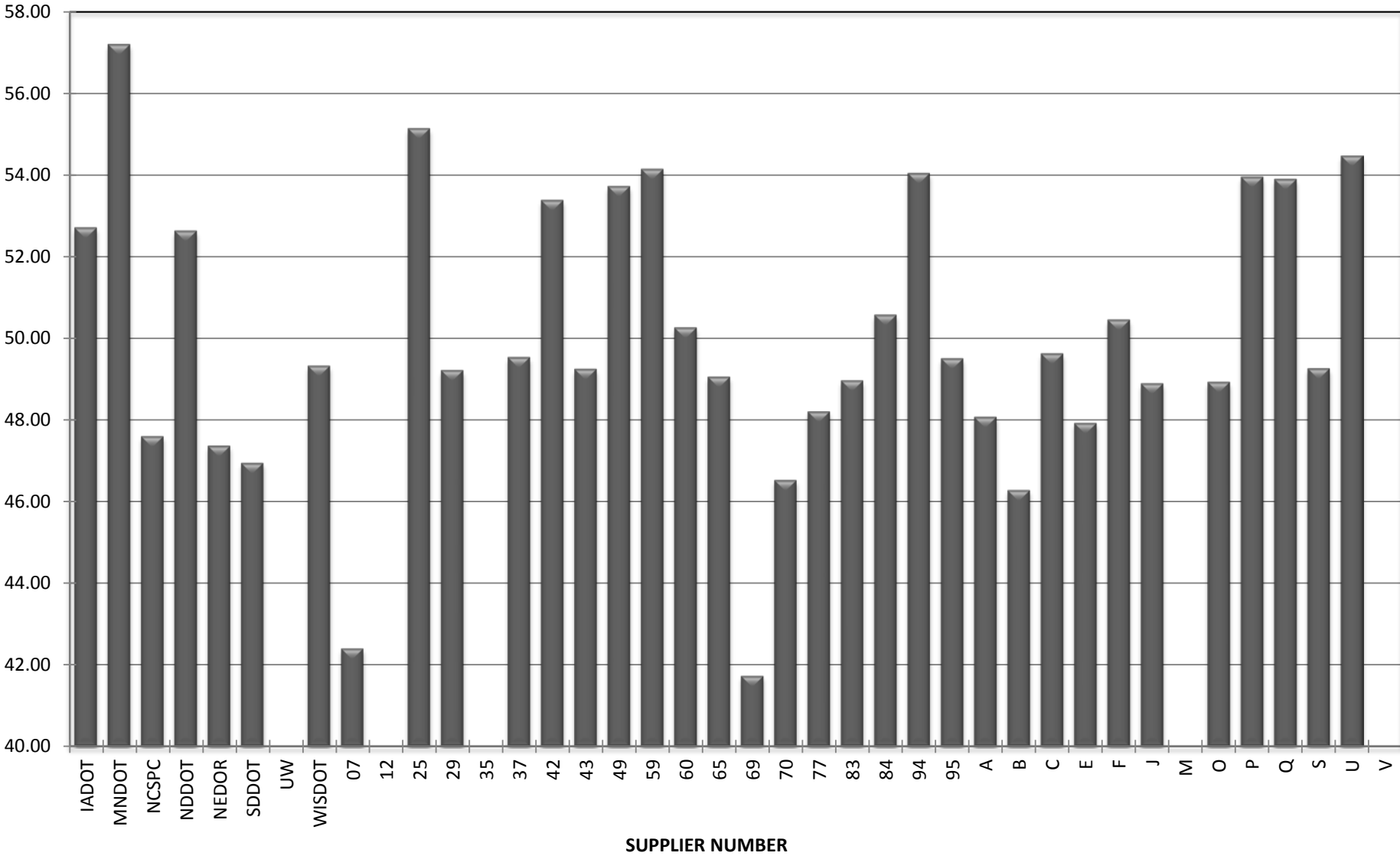
**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28**

**Jnr @ 100 Pa**



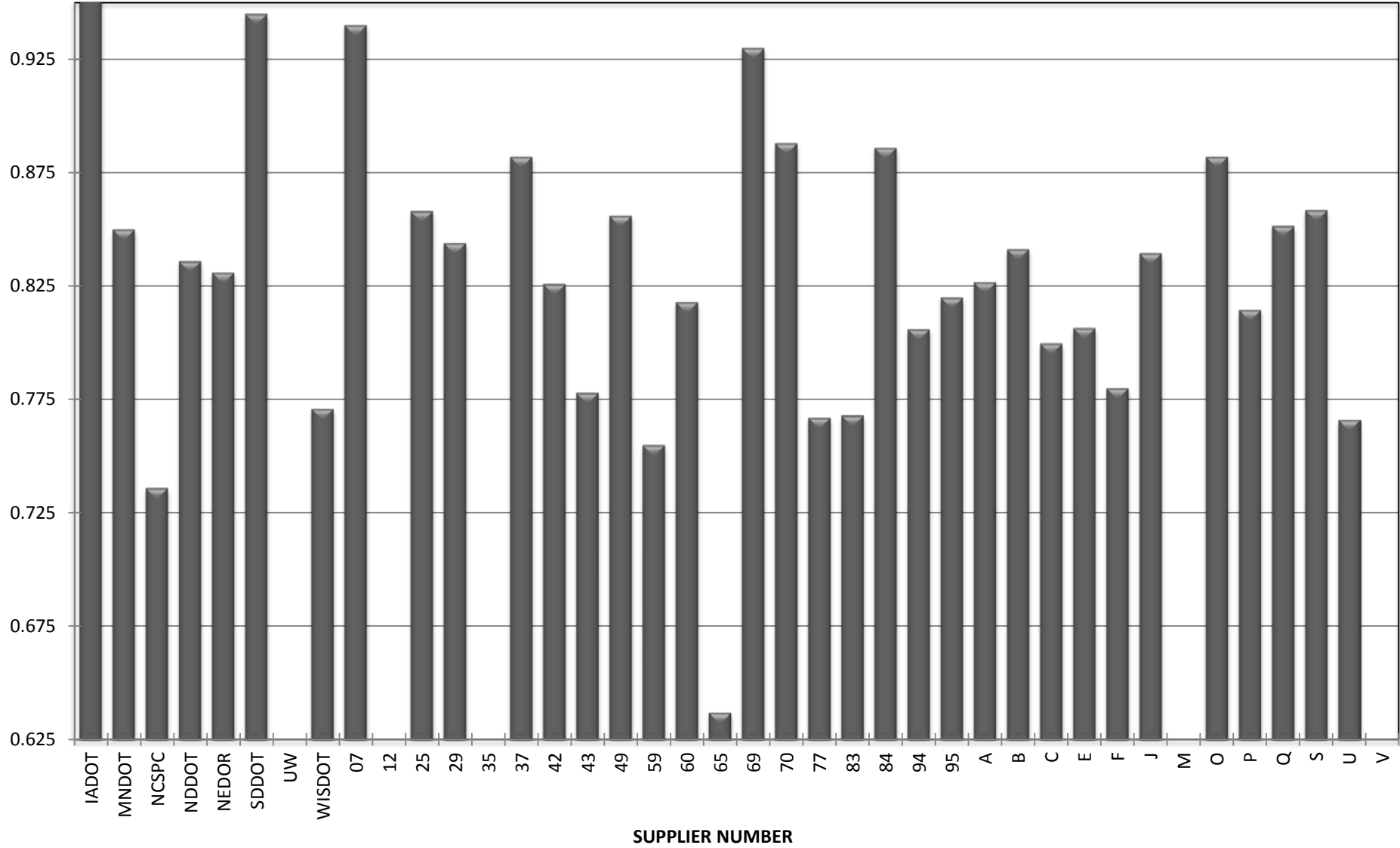
**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28**

**% Recovery @ 100 Pa**



**COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
SUMMARY B  
PG 64-28**

**Jnr @ 3200 Pa**



COMBINED STATE BINDER GROUP ROUND ROBIN 2014-3  
 SUMMARY B  
 PG 64-28

% Recovery @ 3200 Pa

