

Supplementary Table S3. Sensitivity, specificity, and positive predictive value (PPV) of treatment (chemotherapy, surgery, radiotherapy, bone marrow transplant (BMT)) data abstracted from cancer registry (California Surveillance Program), OHSPD/hospitalization discharge, and SEER-Medicare data, compared to treatment abstracted from medical records among B-cell non-Hodgkin lymphoma cases aged 65 or older and diagnosed in Los Angeles County (2004-08).

Treatment	Overall				DLBCL				FL				CLL/SLL			
	CSP N=263	OSHPD N=256	Medicare N=249	Combined N=266	CSP N=86	OSHPD N=84	Medicare N=81	Combined N=86	CSP N=57	OSHPD N=57	Medicare N=56	Combined N=57	CSP N=56	OSHPD N=53	Medicare N=52	Combined N=56
Chemotherapy																
Sensitivity (%)	69	57	88	96	83	59	85	98	62	56	81	96	31	58	97	95
Specificity (%)	100	76	51	48	100	100	*	100	100	57	86	57	100	93	59	59
PPV (%)	100	93	91	91	100	100	100	100	100	90	98	94	100	96	83	84
Surgery																
Sensitivity (%)	73	19	65	87	81	31	76	87	70	11	71	84	38	*	64	69
Specificity (%)	75	92	71	57	71	89	55	57	62	85	80	50	91	*	90	84
PPV (%)	66	61	64	57	60	62	51	45	72	50	85	70	56	*	70	56
Radiotherapy																
Sensitivity (%)	60	*	56	77	57	*	44	67	55	*	67	91	*	*	*	*
Specificity (%)	100	*	87	89	100	*	85	85	100	*	81	84	*	*	*	*
PPV (%)	100	*	51	62	100	*	50	64	100	*	50	63	*	*	*	*
BMT																
Sensitivity (%)	*	100	100	100	*	100	100	100	*	*	*	*	*	*	*	*
Specificity (%)	*	98	99	97	*	97	100	97	*	*	*	*	*	*	*	*
PPV (%)	*	44	67	40	*	67	100	67	*	*	*	*	*	*	*	*

\*insufficient number of cases receiving treatment to calculate

CLL/SLL: Chronic lymphocytic leukemia/small lymphocytic lymphoma. DLBCL: Diffuse large B-cell lymphoma. FL: Follicular lymphoma.