

1 Predicting Postpartum Hemorrhage After Vaginal Birth by Labor Phenotype

**Supplemental Table 1: Fit Statistics for Latent Class Analysis of Consortium for Safe Labor Births
Labor of 15 Process Variables**

Class	Akaike Information Criteria	Bayesian Information Criteria	Percent / Class	Entropy	Minimum Posterior Probability	VLMR LRT p-value	LMR Adjusted LRT p-value	PBS LRT p-value
2	886594	886976	58.3 41.7	0.835	0.87	<0.001	<0.001	<0.001
3	871081	871633	32.5 57.2 10.2	0.862	0.87	<0.001	<0.001	<0.001
4	860177	860900	48.2 30.5 13.8 7.4	0.909	0.89	<0.001	<0.001	<0.001
5	852014	852907	45.2 30.3 7.2 4.9 12.4	0.912	0.89	<0.001	<0.001	<0.001
6	845200	846263	9.5 27.2 6.5 11.4 44.4 0.8	0.908	0.88	0.11	0.11	<0.001
7	839576	840810	6.2 11.6 9.3 26.3 0.8 42.3	0.912	0.88	<0.001	<0.001	<0.001

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Abbreviations: VLMR, Vuong-Lo-Mendell-Rubin; LMR, Lo-Mendell-Rubin; PBS, Parametric Boot-Strapped; LRT, Likelihood Ratio Test