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| Gaussian without Stop words | 0.630554168747 |
| Gaussian with Stop words | **0.630054917624** |
| 2gram Gaussian | **0.499750374438** |
| 3gram Gaussian | **0.229156265602** |
| Gaussian without stop words and 2 gram | **0.642036944583** |
| Gaussian without stop words and 3gram | **0.631552670994** |
| Gaussian without stop words ,2gram and 3gram | **0.643534697953** |
| Gaussian with stop words and 2gram | **0.643534697953** |
| Gaussian with stop words and 3gram | **0.631552670994** |
| Gaussian with stop words ,2gram and 3gram | **0.643534697953** |
| Gaussian without Stop words and feature elimination using low variance | **0.588617074388** |
| Gaussian with stop words and feature elimination using low variance | **0.588617074388** |
| 2gram Gaussian with feature elimination using low variance | **0.620069895157** |
| 3gram Gaussian with feature elimination using low variance | **0.650524213679** |
| Gaussian without stop words and 2 gram and feature elimination using removing low variance | **0.586120818772** |
| Gaussian without stop words and 3gram and feature elimination using removing low variance | **0.587618572142** |
| Gaussian without stop words ,2gram and 3gram and feature elimination using low variance | **0.585621567649** |
| Gaussian with stop words and 2gram and feature elimination using removing low variance | **0.586120818772** |
| Gaussian with stop words and 3gram and feature elimination using removing low variance | **0.587618572142** |
| Gaussian with stop words ,2gram and 3gram  Using removing low variance | **0.585621567649** |
| Gaussian without Stop words and feature elimination using recursive elimination |  |
| Gaussian with stop words and feature elimination using recursive elimination |  |
| 2gram Gaussian with feature elimination using recursive elimination |  |
| 3gram Gaussian with feature elimination using recursive elimination |  |
| Gaussian without stop words and 2 gram and feature elimination using recursive elimination |  |
| Gaussian without stop words and 3gram and feature elimination using recursive elimination |  |
| Gaussian without stop words ,2gram and 3gram and feature elimination recursive elimination |  |
| Gaussian with stop words and 2gram and feature elimination using recursive elimination |  |
| Gaussian with stop words and 3gram and feature elimination using recursive elimination |  |
| Gaussian with stop words ,2gram and 3gram  Using recursive elimination |  |

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| Gaussian without Stop words and feature elimination using Univariate selection | 0.546180728907 |
| Gaussian with stop words and feature elimination using Univariate selection | **0.546180728907** |
| 2gram Gaussian with feature elimination using Univariate selection | **0.720419370944** |
| 3gram Gaussian with feature elimination using Univariate selection | **0.725411882177** |
| Gaussian without stop words and 2 gram and feature elimination Univariate selection | **0.706939590614** |
| Gaussian without stop words and 3gram and feature elimination using Univariate selection | **0.706939590614** |
| Gaussian without stop words ,2gram and 3gram and feature elimination Univariate selection | **0.706939590614** |
| Gaussian with stop words and 2gram and feature elimination using Univariate selection | **0.706939590614** |
| Gaussian with stop words and 3gram and feature elimination using Univariate selection | **0.706939590614** |
| Gaussian with stop words ,2gram and 3gram  Using Univariate selection | **0.706939590614** |
| Multinomial without Stop words | 0.684972541188 |
| Multinomial with Stop words | **0.688467299051** |
| 2gram Multinomial | **0.661507738392** |
| 3gram Multinomial | **0.295556665002** |
| Multinomial without stop words and 2 gram | **0.699450823764** |
| Multinomial without stop words and 3gram | **0.708936595107** |
| Multinomial without stop words ,2gram and 3gram | **0.711432850724** |
| Multinomial with stop words and 2gram | **0.708936595107** |
| Multinomial with stop words and 3gram |  |
| Multinomial with stop words ,2gram and 3gram |  |
| Multinomial without Stop words and feature elimination using low variance |  |
| Multinomial with stop words and feature elimination using low variance |  |
| 2gram Multinomial with feature elimination using low variance |  |
| 3gram Multinomial with feature elimination using low variance |  |
| Multinomial without stop words and 2 gram and feature elimination using removing low variance |  |
| Multinomial without stop words and 3gram and feature elimination using removing low variance |  |
| Multinomial without stop words ,2gram and 3gram and feature elimination using low variance |  |
| Multinomial with stop words and 2gram and feature elimination using removing low variance |  |
| Multinomial with stop words and 3gram and feature elimination using removing low variance |  |
| Multinomial with stop words ,2gram and 3gram  Using removing low variance |  |
| Multinomial without Stop words and feature elimination using recursive elimination |  |
| Multinomial with stop words and feature elimination using recursive elimination |  |
| 2gram Multinomial with feature elimination using recursive elimination |  |
| 3gram Multinomial with feature elimination using recursive elimination |  |
| Multinomial without stop words and 2 gram and feature elimination using recursive elimination |  |
| Multinomial without stop words and 3gram and feature elimination using recursive elimination |  |
| Multinomial without stop words ,2gram and 3gram and feature elimination recursive elimination |  |
| Multinomial with stop words and 2gram and feature elimination using recursive elimination |  |
| Multinomial with stop words and 3gram and feature elimination using recursive elimination |  |
| Multinomial with stop words ,2gram and 3gram  Using recursive elimination |  |

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| Multinomial without Stop words and feature elimination using Univariate selection |  |
| Multinomial with stop words and feature elimination using Univariate selection |  |
| 2gram Multinomial with feature elimination using Univariate selection |  |
| 3gram Multinomial with feature elimination using Univariate selection |  |
| Multinomial without stop words and 2 gram and feature elimination Univariate selection |  |
| Multinomial without stop words and 3gram and feature elimination using Univariate selection |  |
| Multinomial without stop words ,2gram and 3gram and feature elimination Univariate selection |  |
| Multinomial with stop words and 2gram and feature elimination using Univariate selection |  |
| Multinomial with stop words and 3gram and feature elimination using Univariate selection |  |
| Multinomial with stop words ,2gram and 3gram  Using Univariate selection |  |

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| Bernoulli without Stop words | 0.666500249626 |
| Bernoulli with Stop words | **0.657014478283** |
| 2gram Bernoulli | **0.711932101847** |
| 3gram Bernoulli | **0.712431352971** |
| Bernoulli without stop words and 2 gram | **0.711432850724** |
| Bernoulli without stop words and 3gram | **0.712431352971** |
| Bernoulli without stop words ,2gram and 3gram | **0.712930604094** |
| Bernoulli with stop words and 2gram | **0.711432850724** |
| Bernoulli with stop words and 3gram |  |
| Bernoulli with stop words ,2gram and 3gram |  |
| Bernoulli without Stop words and feature elimination using low variance |  |
| Bernoulli with stop words and feature elimination using low variance |  |
| 2gram Bernoulli with feature elimination using low variance |  |
| 3gram Bernoulli with feature elimination using low variance |  |
| Bernoulli without stop words and 2 gram and feature elimination using removing low variance |  |
| Bernoulli without stop words and 3gram and feature elimination using removing low variance |  |
| Bernoulli without stop words ,2gram and 3gram and feature elimination using low variance |  |
| Bernoulli with stop words and 2gram and feature elimination using removing low variance |  |
| Bernoulli with stop words and 3gram and feature elimination using removing low variance |  |
| Bernoulli with stop words ,2gram and 3gram  Using removing low variance |  |
| Bernoulli without Stop words and feature elimination using recursive elimination |  |
| Bernoulli with stop words and feature elimination using recursive elimination |  |
| 2gram Bernoulli with feature elimination using recursive elimination |  |
| 3gram Bernoulli with feature elimination using recursive elimination |  |
| Bernoulli without stop words and 2 gram and feature elimination using recursive elimination |  |
| Bernoulli without stop words and 3gram and feature elimination using recursive elimination |  |
| Bernoulli without stop words ,2gram and 3gram and feature elimination recursive elimination |  |
| Bernoulli with stop words and 2gram and feature elimination using recursive elimination |  |
| Bernoulli with stop words and 3gram and feature elimination using recursive elimination |  |
| Bernoulli with stop words ,2gram and 3gram  Using recursive elimination |  |

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| Bernoulli without Stop words and feature elimination using Univariate selection |  |
| Bernoulli with stop words and feature elimination using Univariate selection |  |
| 2gram Bernoulli with feature elimination using Univariate selection |  |
| 3gram Bernoulli with feature elimination using Univariate selection |  |
| Bernoulli without stop words and 2 gram and feature elimination Univariate selection |  |
| Bernoulli without stop words and 3gram and feature elimination using Univariate selection |  |
| Bernoulli without stop words ,2gram and 3gram and feature elimination Univariate selection |  |
| Bernoulli with stop words and 2gram and feature elimination using Univariate selection |  |
| Bernoulli with stop words and 3gram and feature elimination using Univariate selection |  |
| Bernoulli with stop words ,2gram and 3gram  Using Univariate selection |  |

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| SVM without Stop words | 0.712431352971 |
| SVM with Stop words | **0.712431352971** |
| 2gram SVM | **0.712431352971** |
| 3gram SVM | **0.712431352971** |
| SVM without stop words and 2 gram | **0.712431352971** |
| SVM without stop words and 3gram | **0.712431352971** |
| SVM without stop words ,2gram and 3gram | **0.712431352971** |
| SVM with stop words and 2gram | **0.712431352971** |
| SVM with stop words and 3gram |  |
| SVM with stop words ,2gram and 3gram |  |
| SVM without Stop words and feature elimination using low variance |  |
| SVM with stop words and feature elimination using low variance |  |
| 2gram SVM with feature elimination using low variance |  |
| 3gram SVM with feature elimination using low variance |  |
| SVM without stop words and 2 gram and feature elimination using removing low variance |  |
| SVM without stop words and 3gram and feature elimination using removing low variance |  |
| SVM without stop words ,2gram and 3gram and feature elimination using low variance |  |
| SVM with stop words and 2gram and feature elimination using removing low variance |  |
| SVM with stop words and 3gram and feature elimination using removing low variance |  |
| SVM with stop words ,2gram and 3gram  Using removing low variance |  |
| SVM without Stop words and feature elimination using recursive elimination |  |
| SVM with stop words and feature elimination using recursive elimination |  |
| 2gram SVM with feature elimination using recursive elimination |  |
| 3gram SVM with feature elimination using recursive elimination |  |
| SVM without stop words and 2 gram and feature elimination using recursive elimination |  |
| SVM without stop words and 3gram and feature elimination using recursive elimination |  |
| SVM without stop words ,2gram and 3gram and feature elimination recursive elimination |  |
| SVM with stop words and 2gram and feature elimination using recursive elimination |  |
| SVM with stop words and 3gram and feature elimination using recursive elimination |  |
| SVM with stop words ,2gram and 3gram  Using recursive elimination |  |

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| SVM without Stop words and feature elimination using Univariate selection |  |
| SVM with stop words and feature elimination using Univariate selection |  |
| 2gram SVM with feature elimination using Univariate selection |  |
| 3gram SVM with feature elimination using Univariate selection |  |
| SVM without stop words and 2 gram and feature elimination Univariate selection |  |
| SVM without stop words and 3gram and feature elimination using Univariate selection |  |
| SVM without stop words ,2gram and 3gram and feature elimination Univariate selection |  |
| SVM with stop words and 2gram and feature elimination using Univariate selection |  |
| SVM with stop words and 3gram and feature elimination using Univariate selection |  |
| SVM with stop words ,2gram and 3gram  Using Univariate selection |  |