

## M378K: Topics for In-Term Two

☐ Joint distributions.

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☐ Transformations of random variables.

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☐ The  $\chi^2$ -distribution.

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☐ Moment generating functions.

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☐ The normal distribution.

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☐ The de Moivre-Laplace theorem.

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☐ The Central Limit Theorem.

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☐ The  $\Gamma$ -distribution.

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☐ The statistical set up.

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