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Premium

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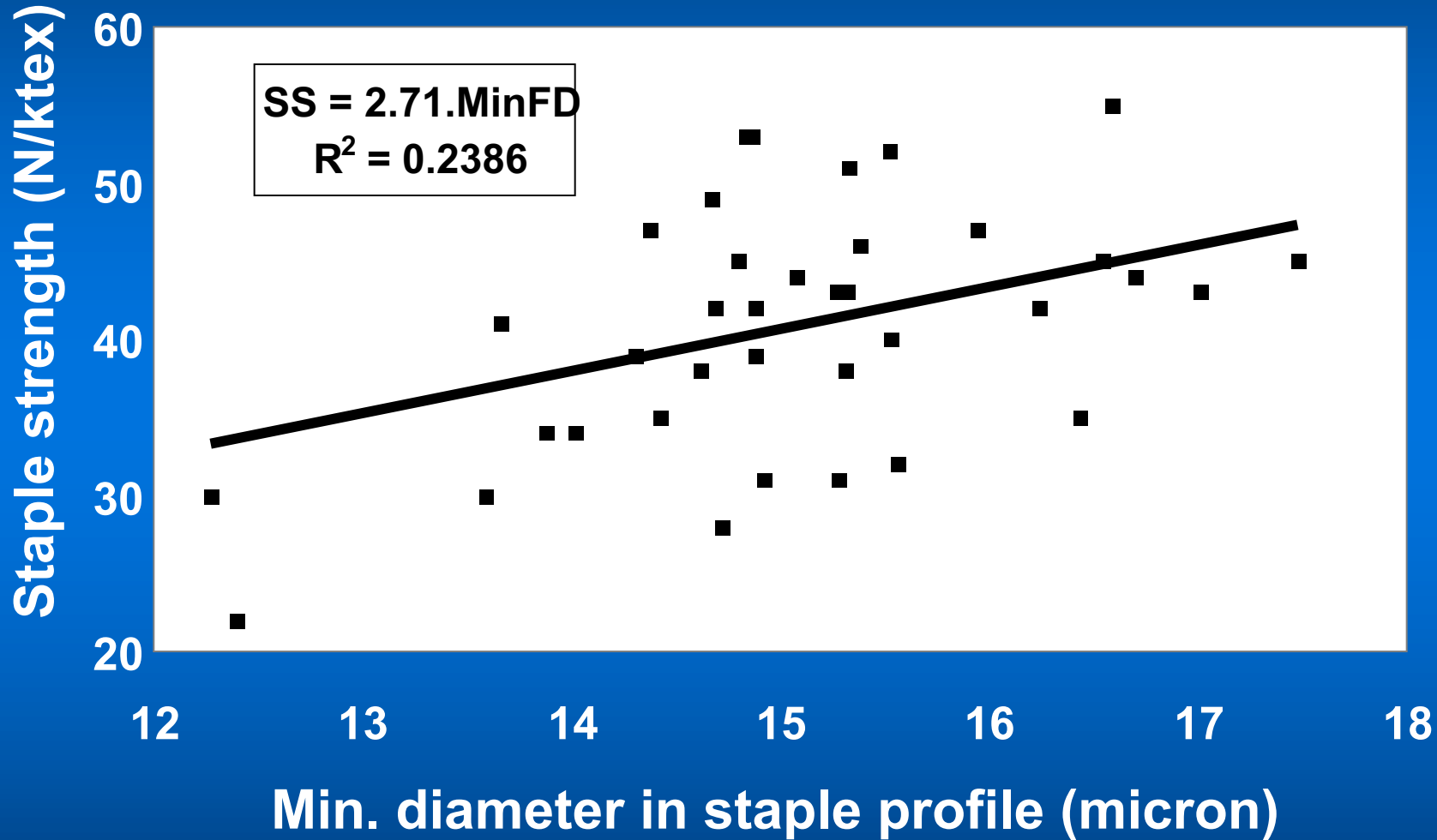
Wool

Staple Strength: The Influence of Fibre Diameter and Diameter Variation

Produced for the CRC for Premium Quality Wool undergraduate program by;
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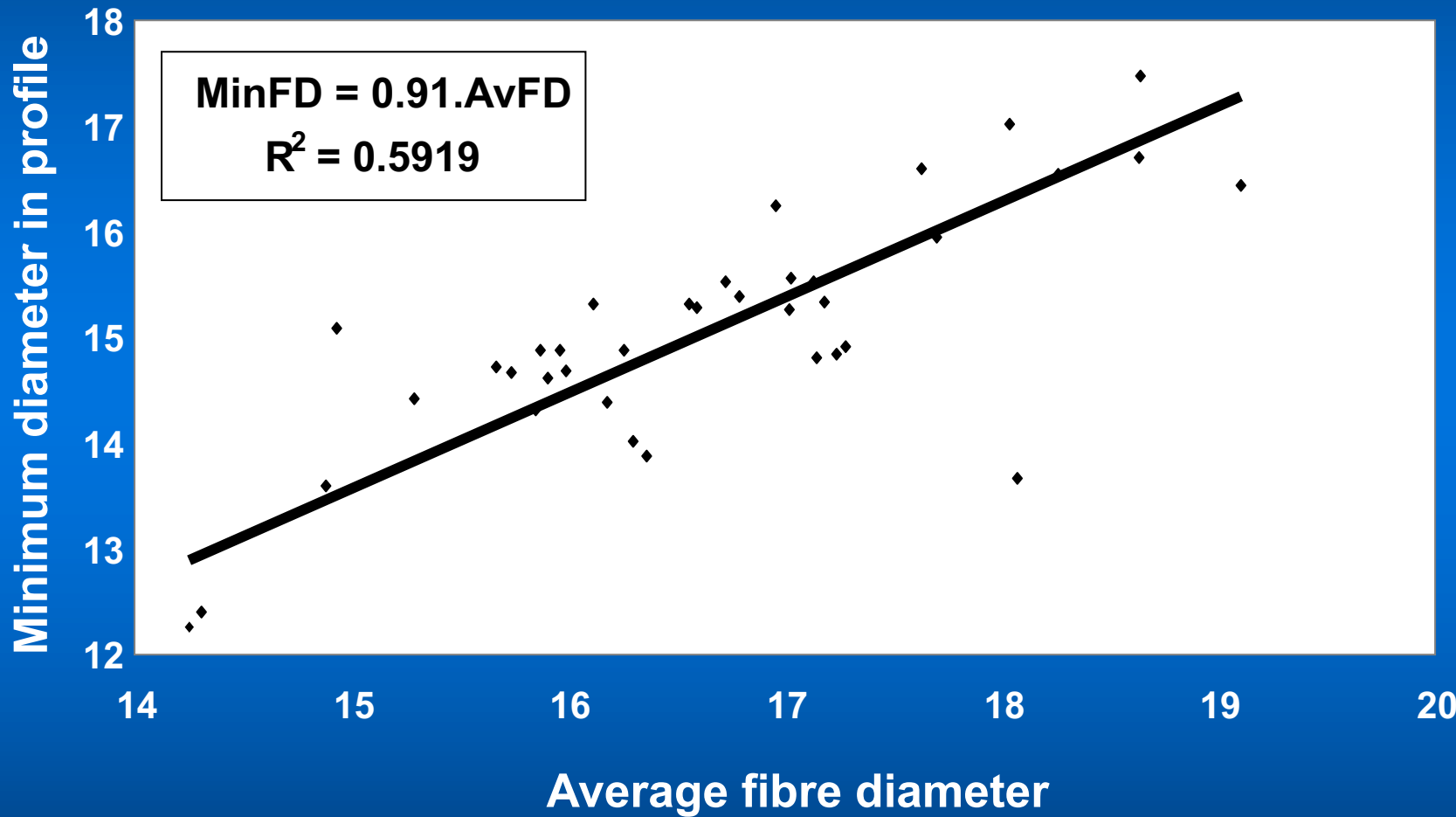
Staple strength vs minimum fibre diameter



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Average fibre diameter vs minimum diameter in the profile



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Staple Strength and Diameter Variation

	Sound#	Tender#
<i>Within Staples</i>	80	86
<i>Between fibres</i>	64	43
<i>Along fibres</i>	16	43 
<i>Within Fleeces</i> (between sites)	4	3
<i>Between Fleeces</i>	16	11

as % of total within mob variation

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Staple Strength and Diameter Variation

- Ritchie and Ralph (1990) - SW WA (high rain / mixed)
→ CVFD vs SS: -0.83
- Swan et al. (1995) - Nth T'lands NSW (high rainfall)
→ CVFD vs SS: -0.29
- Gifford et al. (1995) - SE SA (cereal-sheep)
→ CVFD vs SS: -0.18, - 0.40
- Denney (1990) - central NSW (cereal-sheep)
→ along-staple variation vs SS: -0.30

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