

Weqas
Unit 6, Parc Tŷ Glas
Llanishen, Cardiff, CF14 5DU

Tel: 02920 314750
Email: contact@weqas.com

Weqas

GLOBAL PROVIDER OF QUALITY
IN DIAGNOSTIC MEDICINE



EXTERNAL
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REFERENCE
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SERVICES



EDUCATION &
TRAINING

Weqas Bilirubin Programme: Analytical Performance

Gareth Davies

Deputy Director, Weqas

Weqas Bilirubin Programme / Current Study

4 samples per month

Serum samples spiked with conjugated and unconjugated bilirubin

Linear series of samples covering pathological range

Suitable for lab methods, Gas analysers and POCT devices

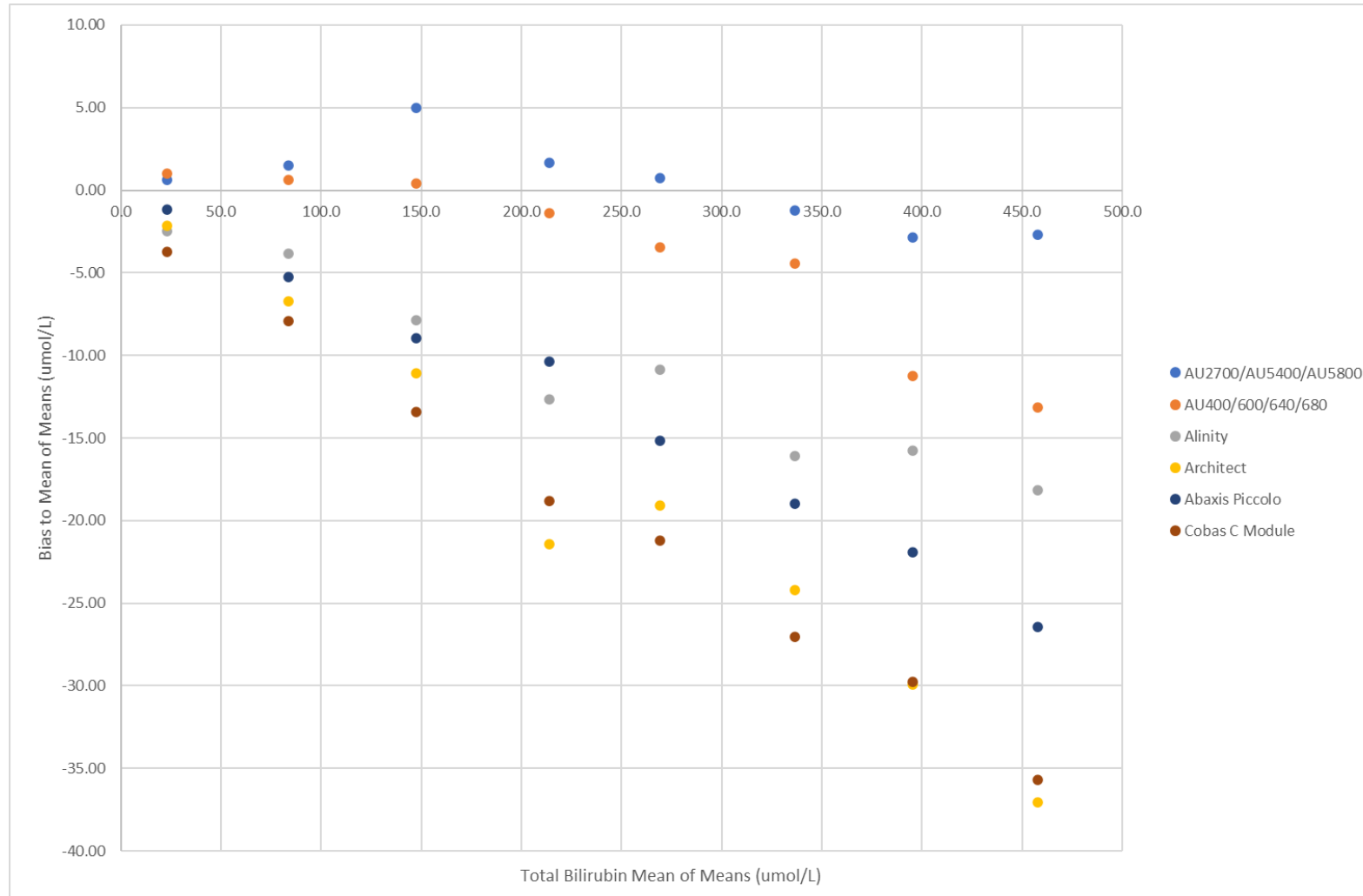
Current study:

Linear series of 4 samples spiked with **unconjugated** bilirubin only

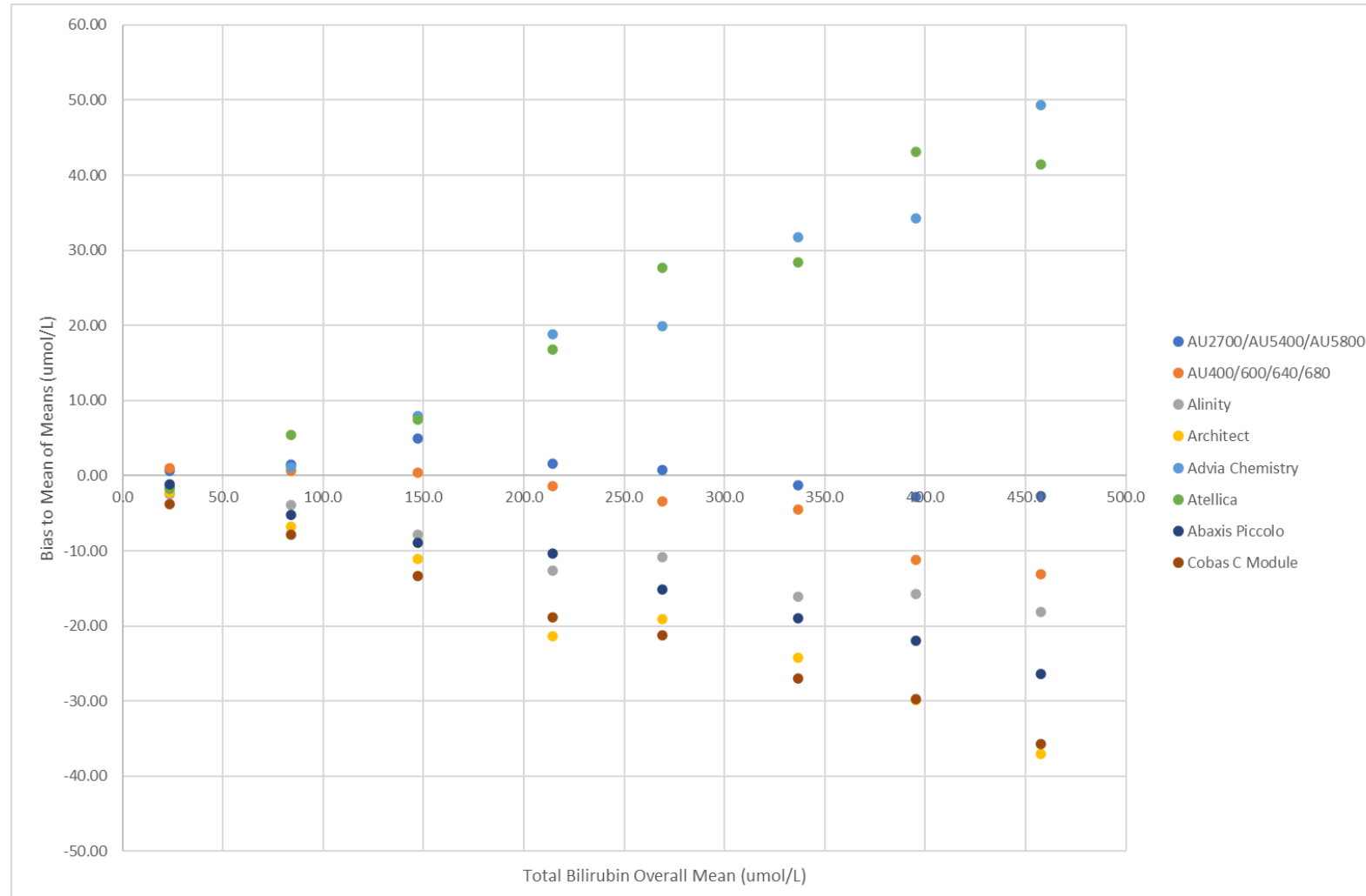
Linear series of 3 samples spiked with **conjugated** bilirubin only (only results for 2 pools so far)

Assess method performance for conjugated and unconjugated bilirubin compared to samples with both

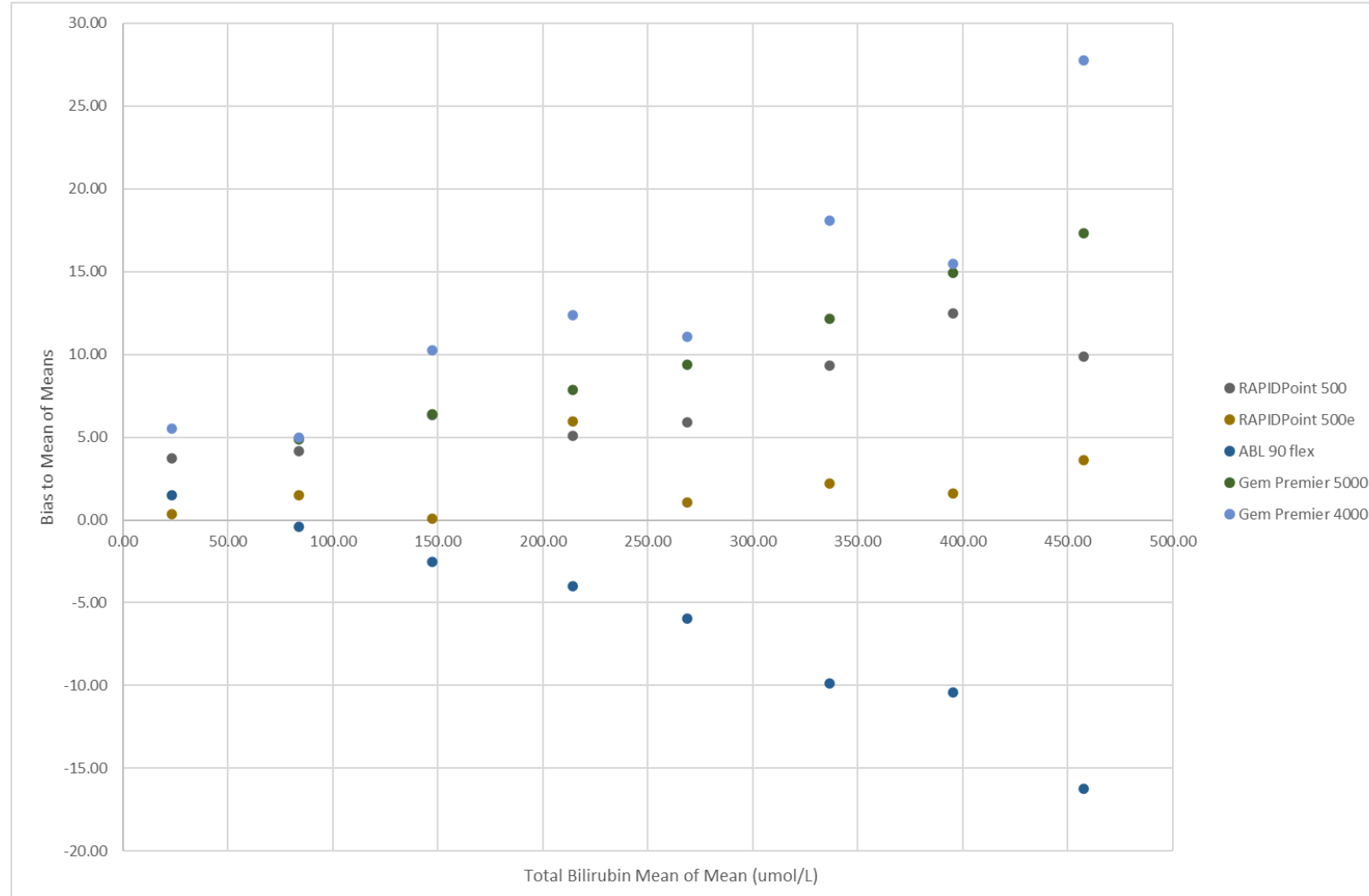
Total Bili – Mixed Pools, Bias to ‘Mean of Means’ – Diazo Methods



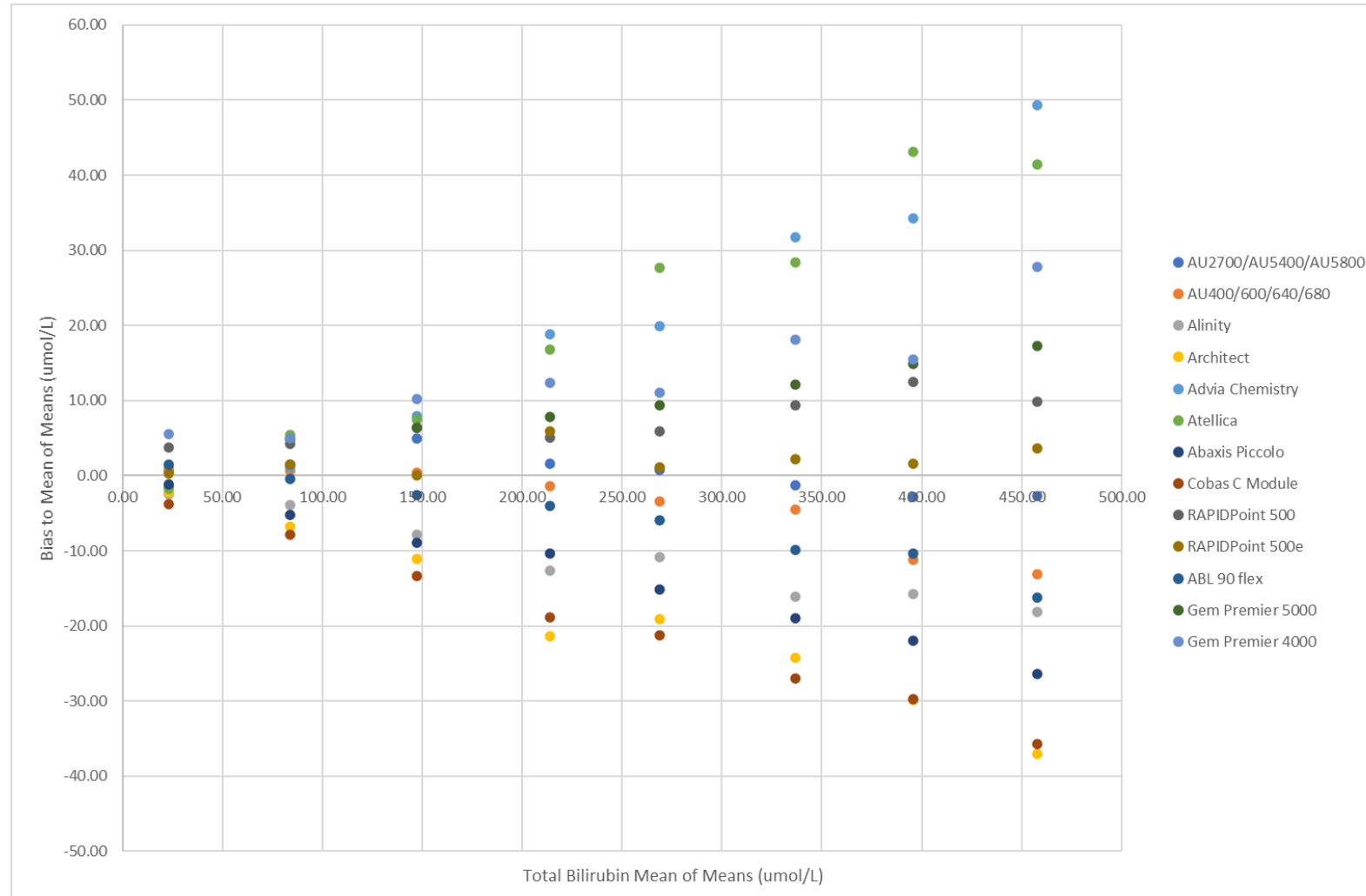
Total Bili – Mixed Pools, Bias to ‘Mean of Means’ – Diazo & Vanadate Oxidation Methods



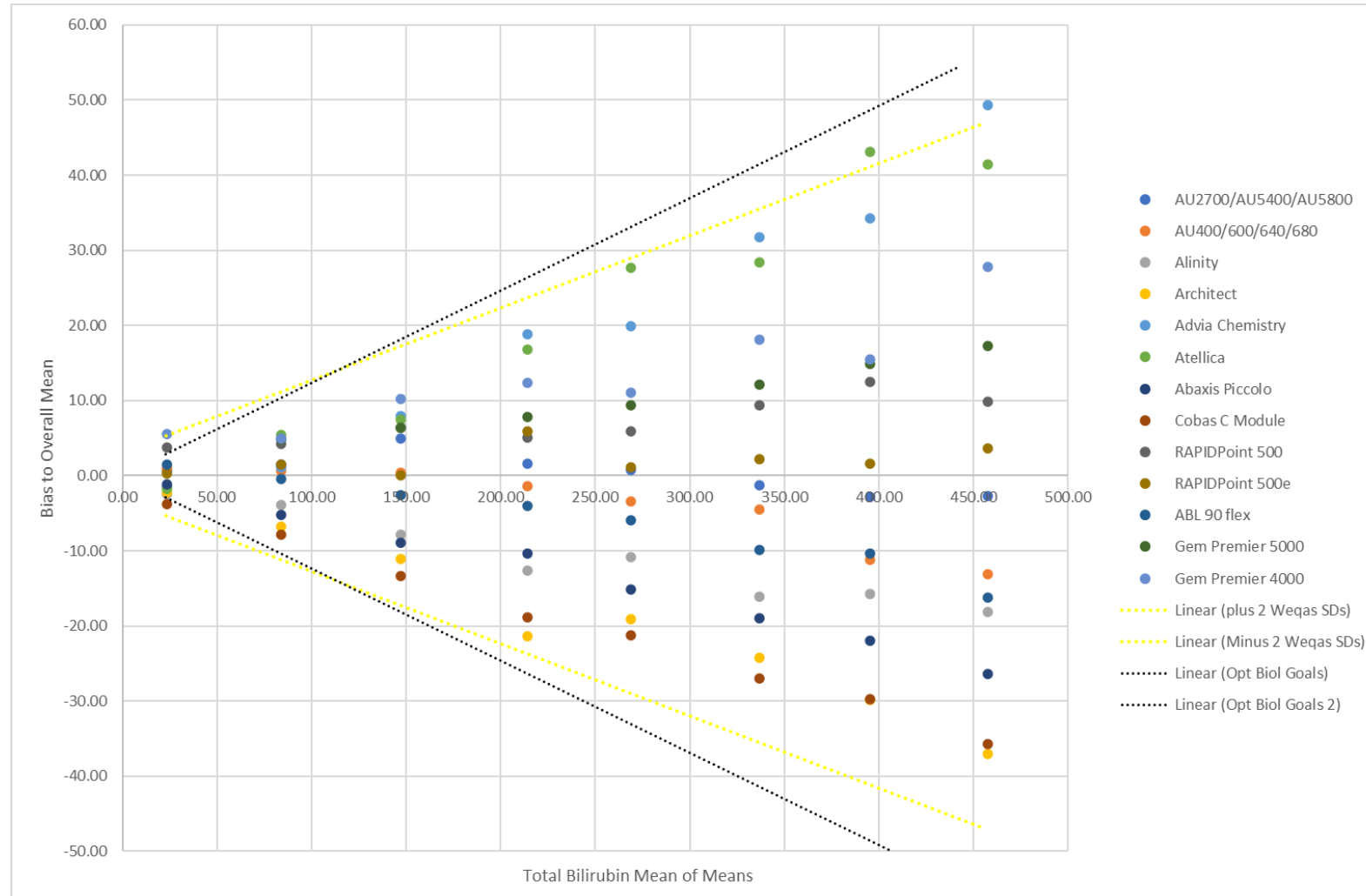
Total Bili – Mixed Pools, Bias to ‘Mean of Means’ – Blood Gas Analysers



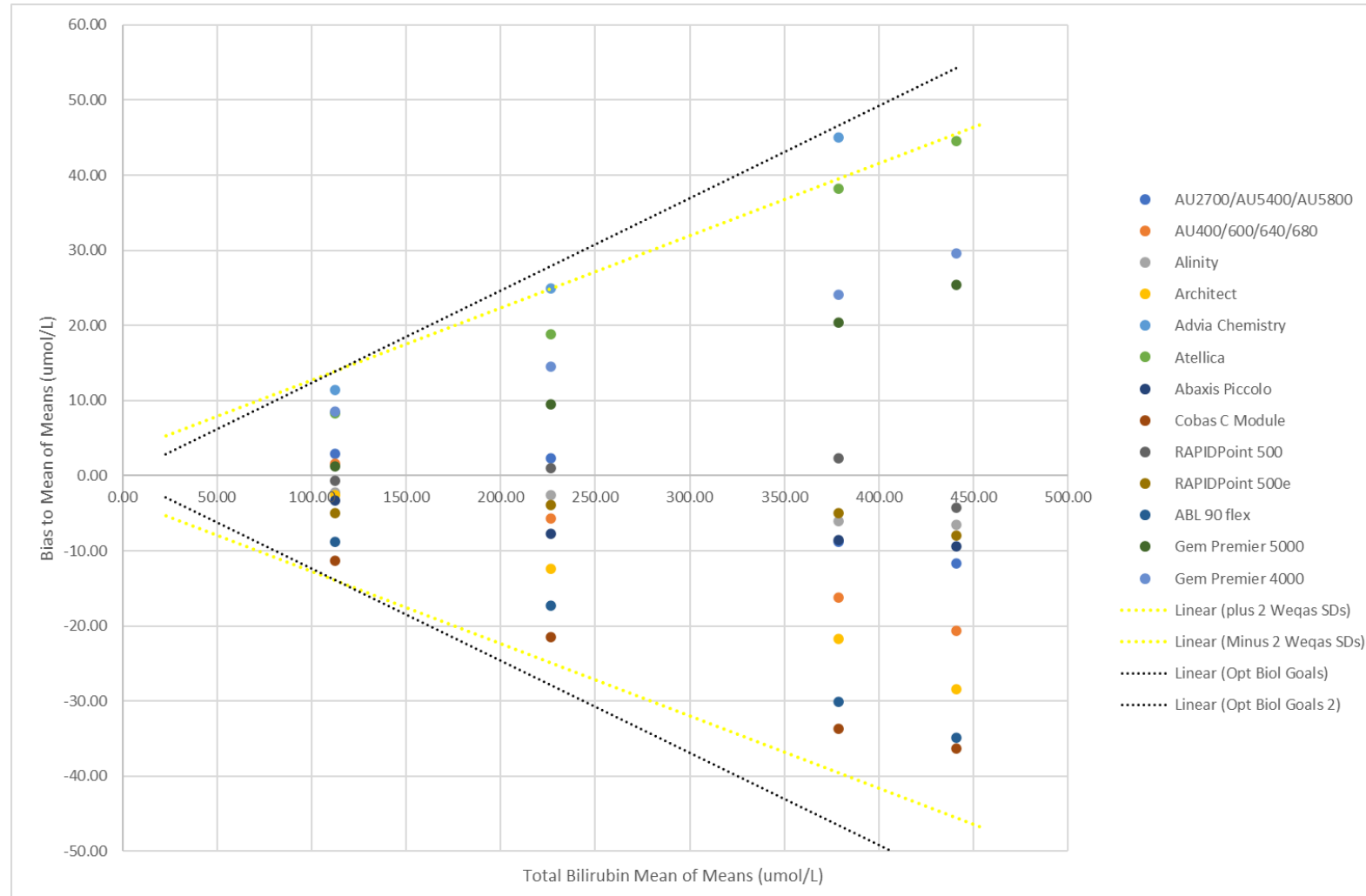
Total Bili – Mixed Pools, Bias to Mean of Means – All Methods



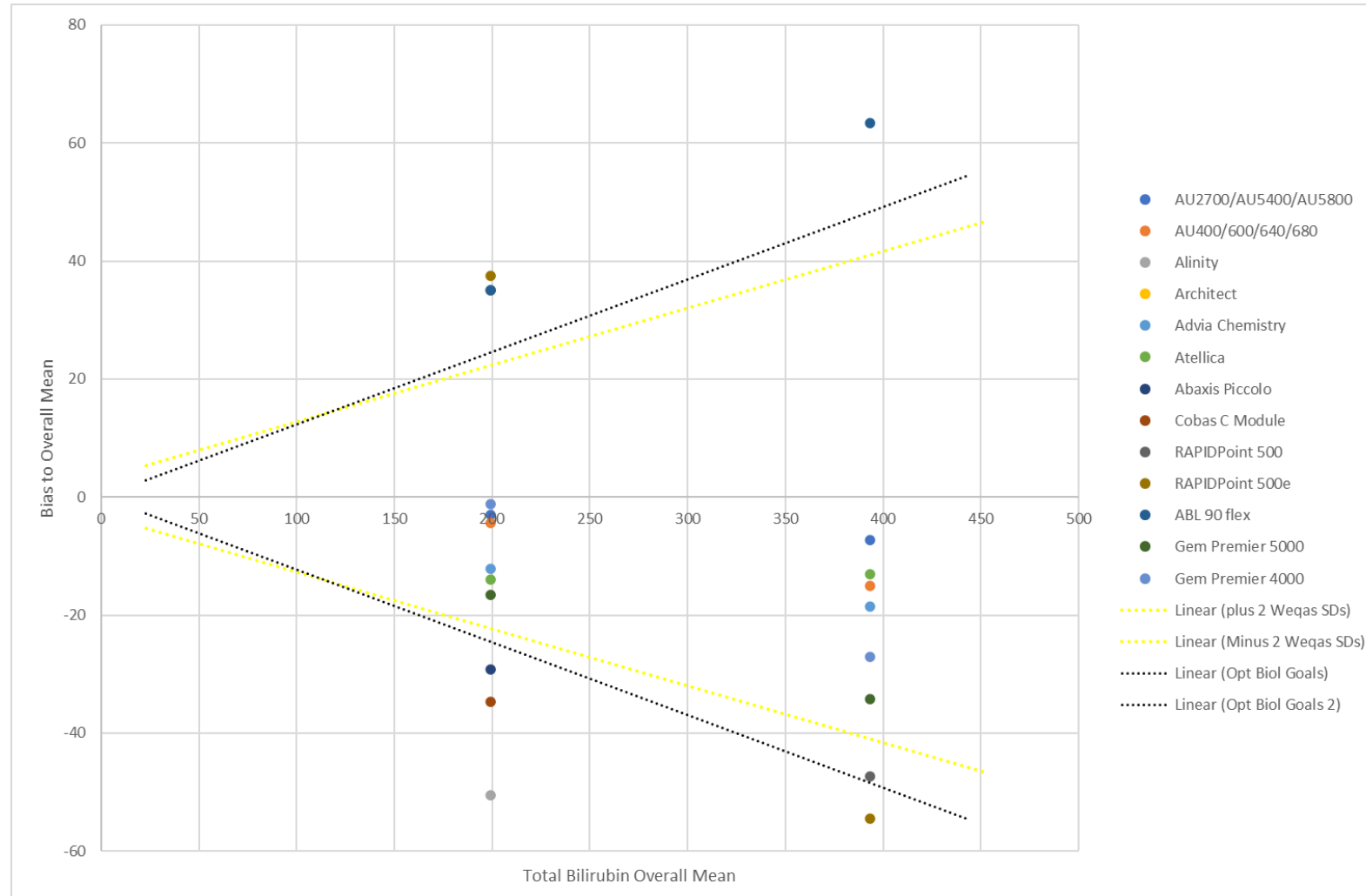
Total Bili – Mixed Pools, Bias to Mean of Means – All Methods



Total Bili – Unconjugated Bili pools, Bias to Mean of Means – All Methods



Total Bili – Conjugated Bili pools, Bias to Overall Mean – All Methods



Total Bili – All pools, Bias to Overall Mean – Diazo Methods

