Jeg Hybrid Data Base

10 lipca 2013

Data Base

	Basic	TA/SA	Time	I, P, B
Bit-rate	1, 2, 4, 8, 16 Mbit/s			
QP	26, 32, 38, 46			
GOP length	8, 16, 32, 64	32, 64		
Nr of B fr.	0, 2, 3, 7	2		
B-pyramid	strict, none	none		
Frame rate	25	12, 8	25	
Resolution	1920x1080	960x540, 480x270	1920x1080	
Pixel motion	Default		dia, esa, umh	Default
Search range	Default		4, 64	Default
Ref. frames	Default		4, 16	Default
Slices per frame	1, 2			1
I to P frame ratio	Default			0.8, 1.0, 1.2, 1.4
P to B frame ratio	Default			0.5, 0.8, 1.0, 1.2, 1.4

Matlab Data

synatStrucktH264
SRC, Fps, Bitrate, Qp, Bframes, Keyint, BPyramid, Slices, Ipratio, Pbratio, Me, Merange, Ref, Width, Height, Block, Blur, Compression, PacketLoss, Interlace, Ta, Sa, PSNR, SSIM, VIF, FileSize, PsvCategory, VQM
synatStructJEG264
Src, Hrc, Block, Blur, Compression, VQM, Interlace, SUBJECTS_RESULTS, PacketLoss, Bitrate, Qp, GOPstructure, FPS, Width, Height, Merange, Slice, Encoder, Decoder, PacketLossDescription, Remarks, Ta, Sa, PSNR, SSIM, VIF
synatStructVqegHD
Test, SRC, HRC, SupersetDMOS, SupersetDSTD, PSNRvqeg, NTT, Opticom, Swissqual, Tektronix, YonseiFR, YonseiRR56k, YonseiRR128k, YonseiRR256k, SupersetMOS, SupersetSTD, SUBJECTS_RESULTS, MOS, DMOS, MOS_STDEV, DMOS_STDEV, PacketLoss, Compression, Interlace, Qp, FPS, Bitrate, VQM, Ta, Sa, Block, Blur, PSNR, SSIM, VIF

Data Analysis Description

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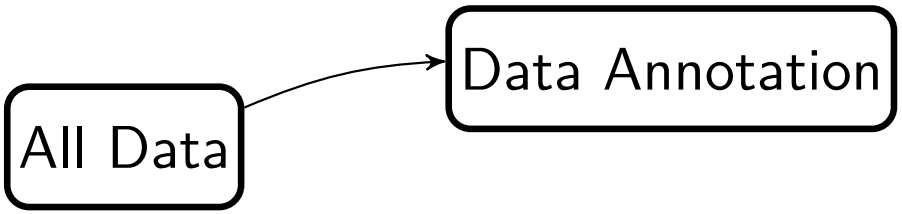

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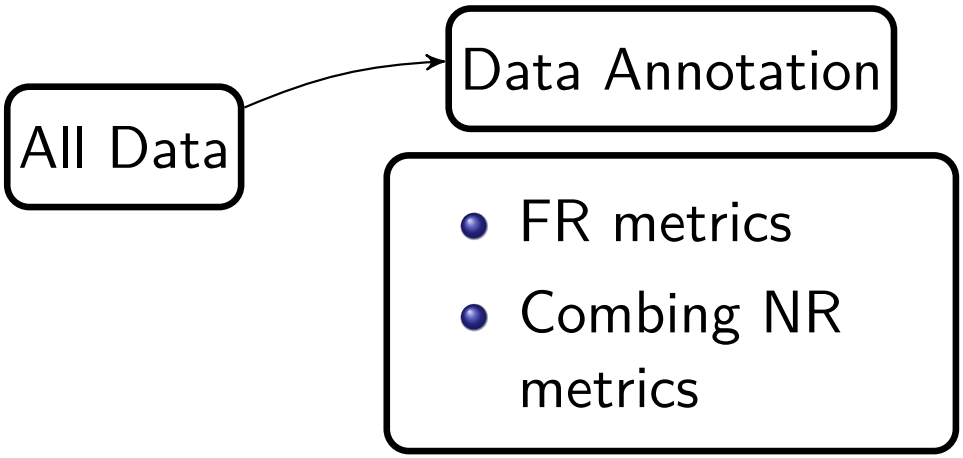

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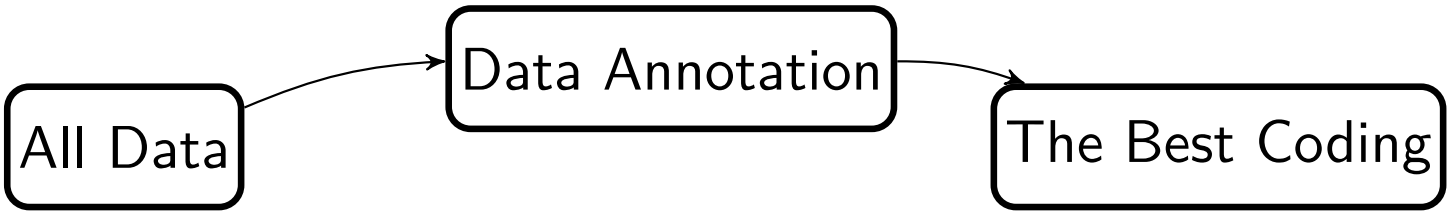

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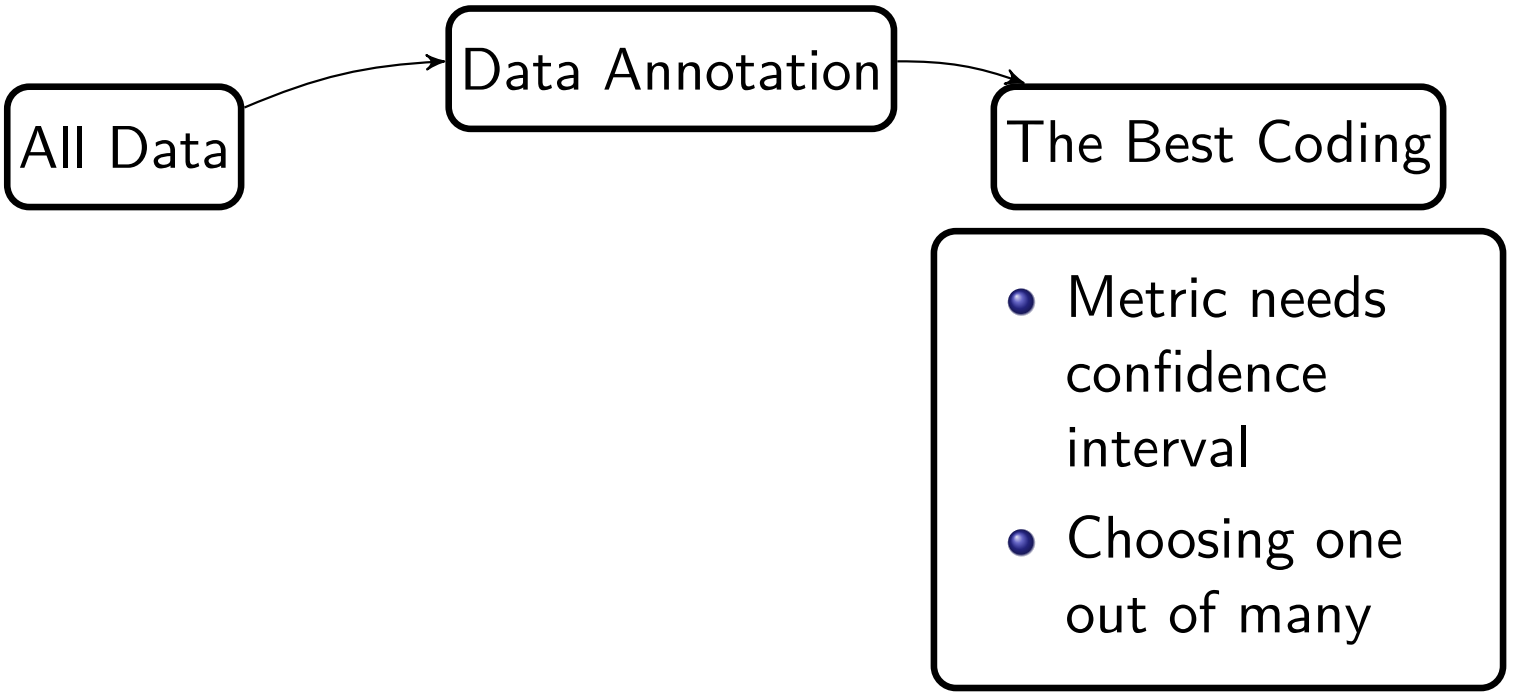

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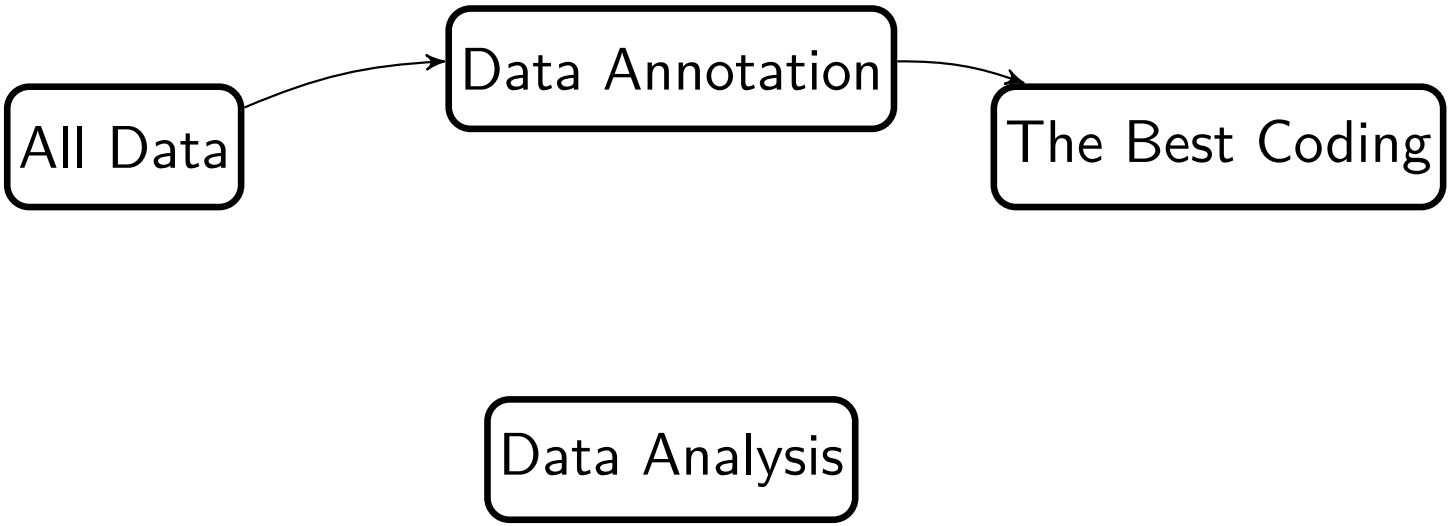

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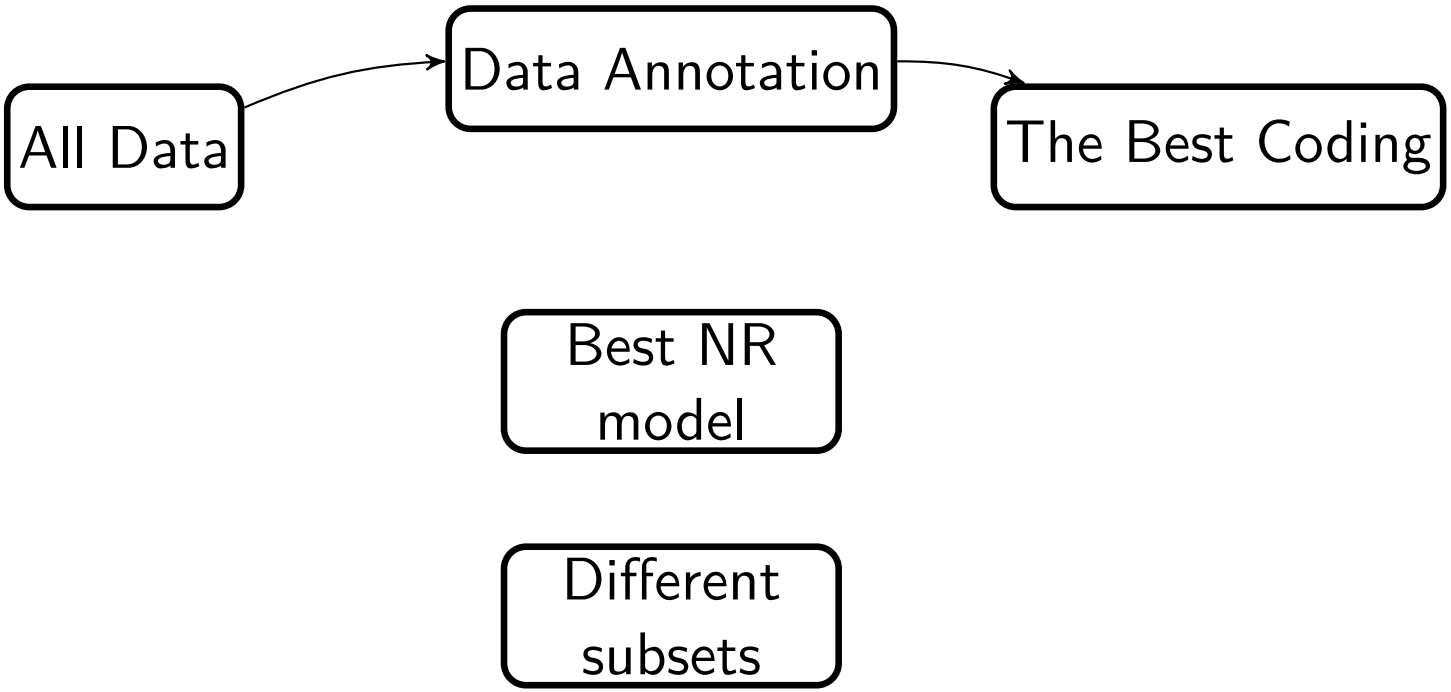

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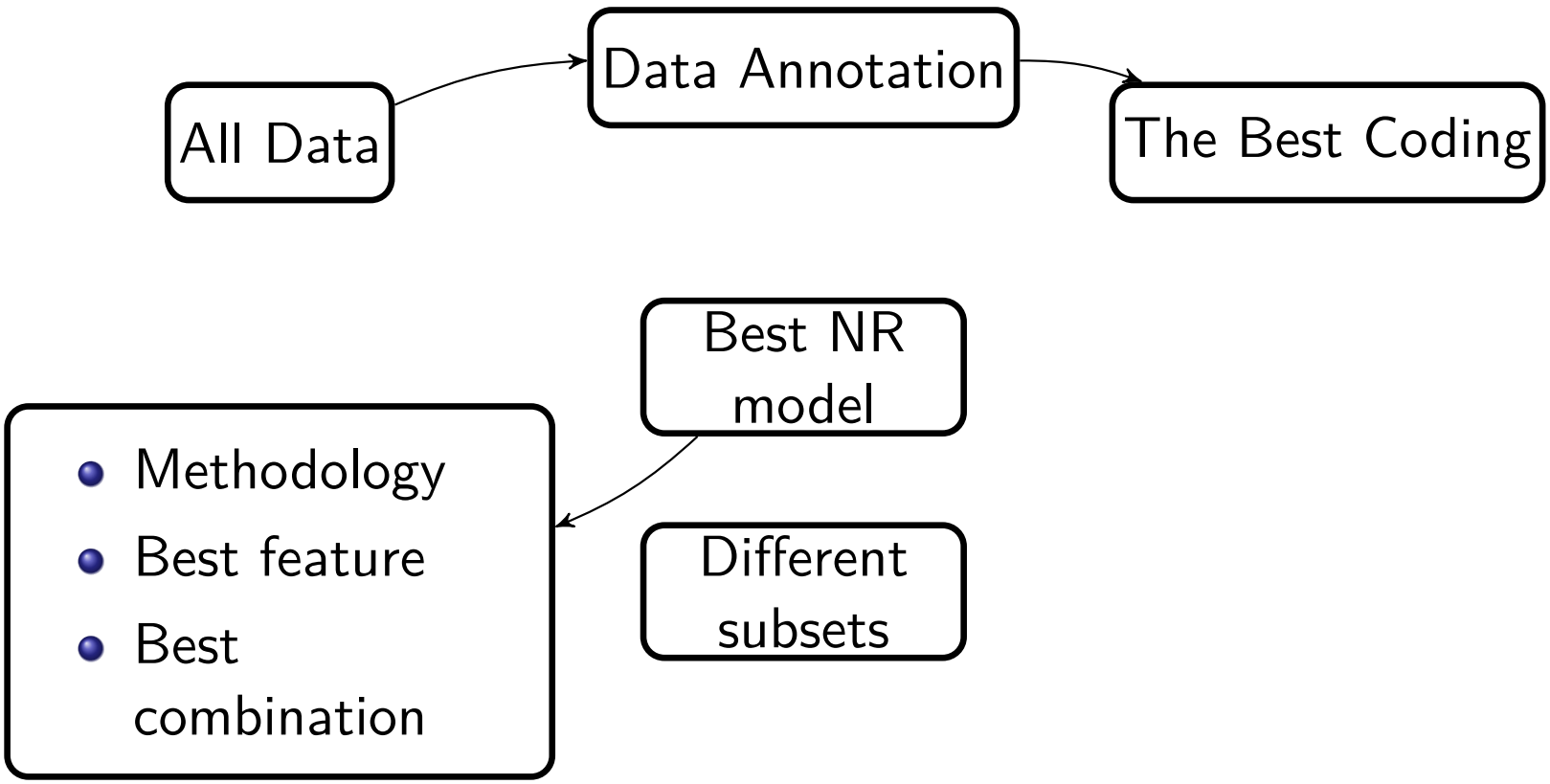

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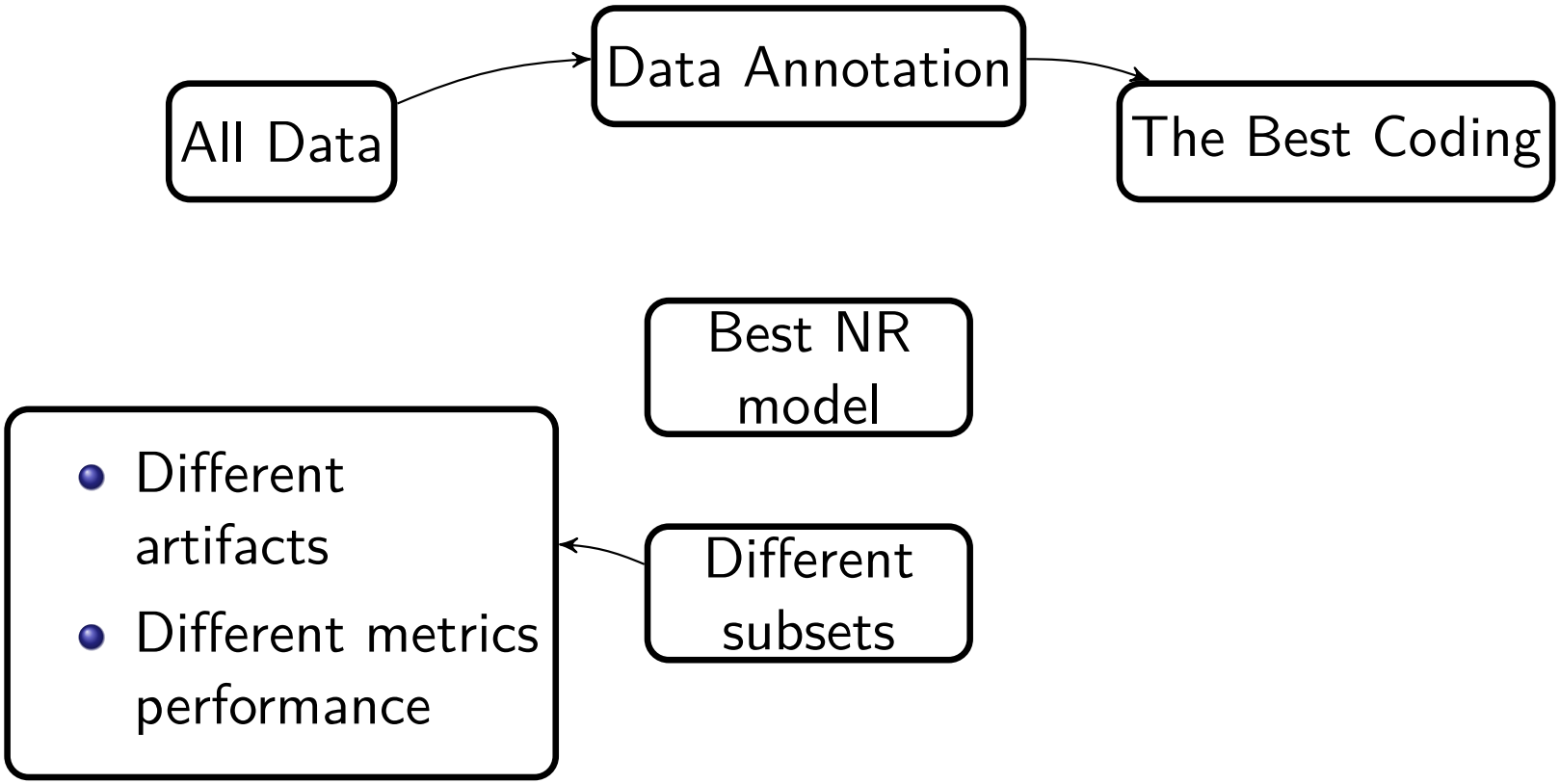

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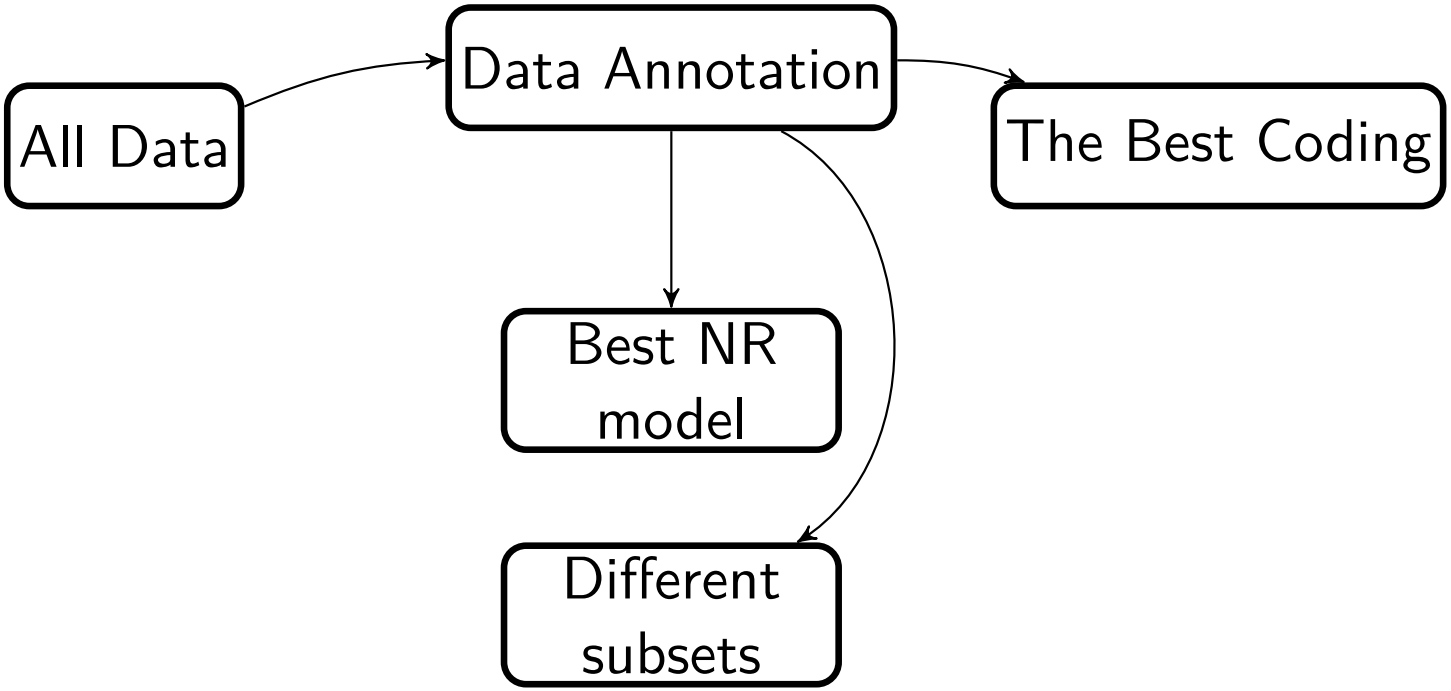
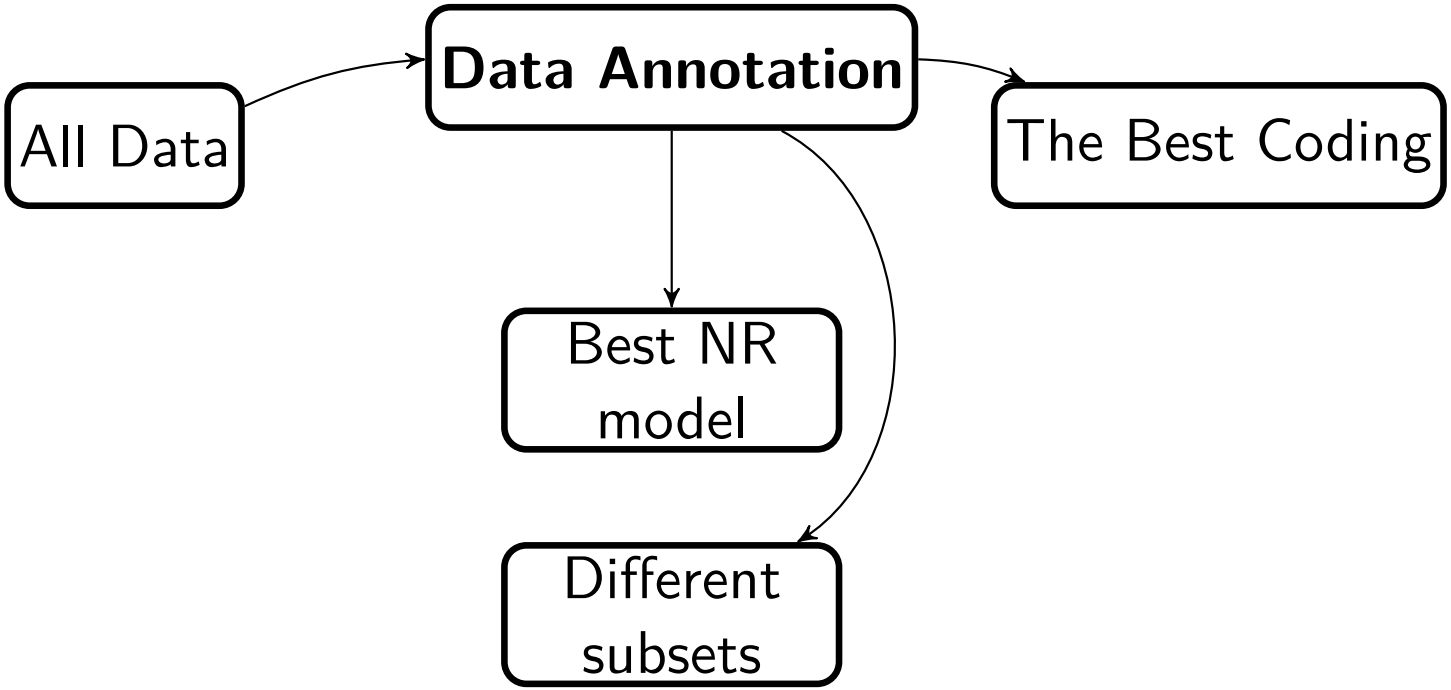
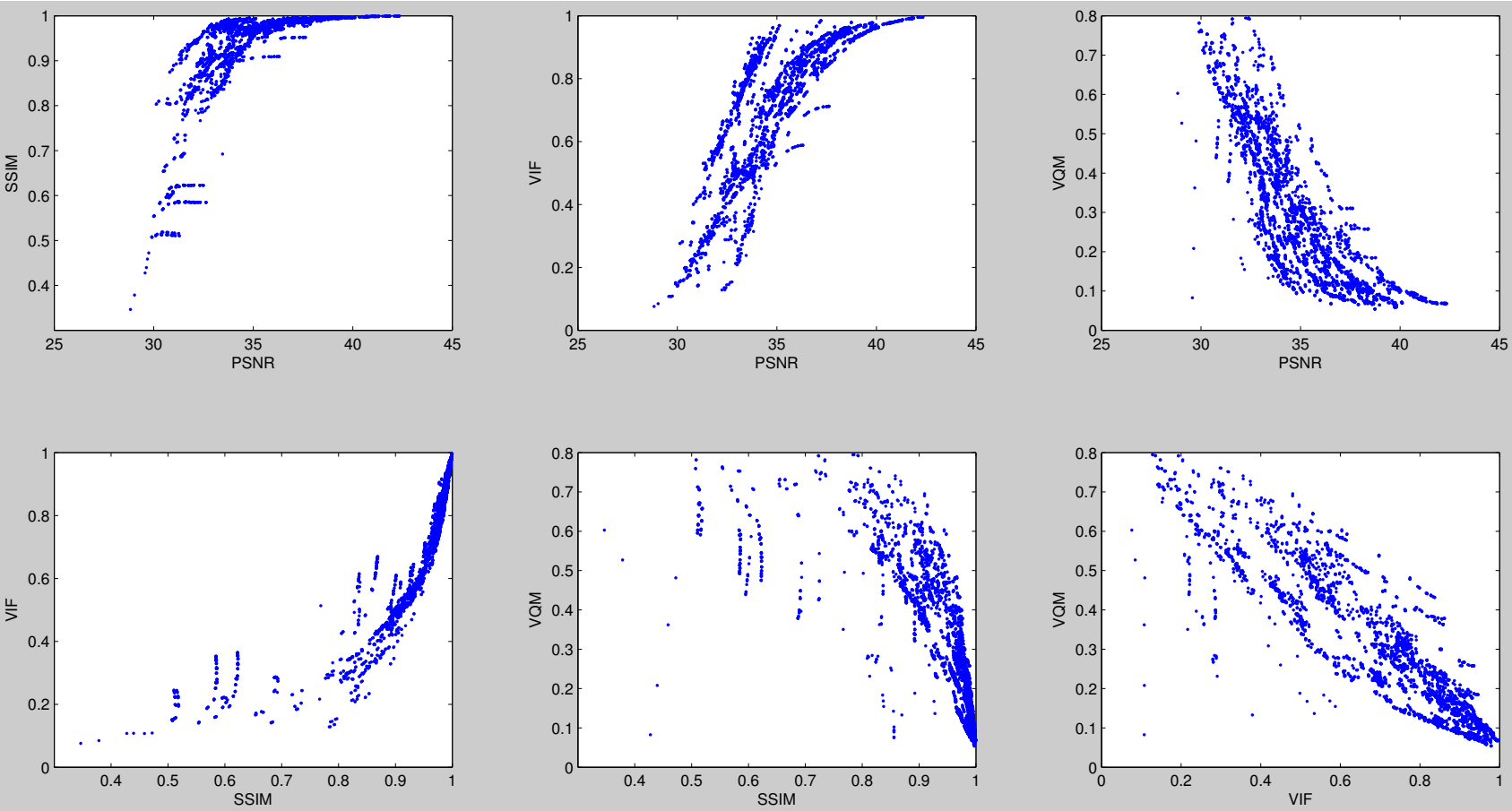


Preliminary Results



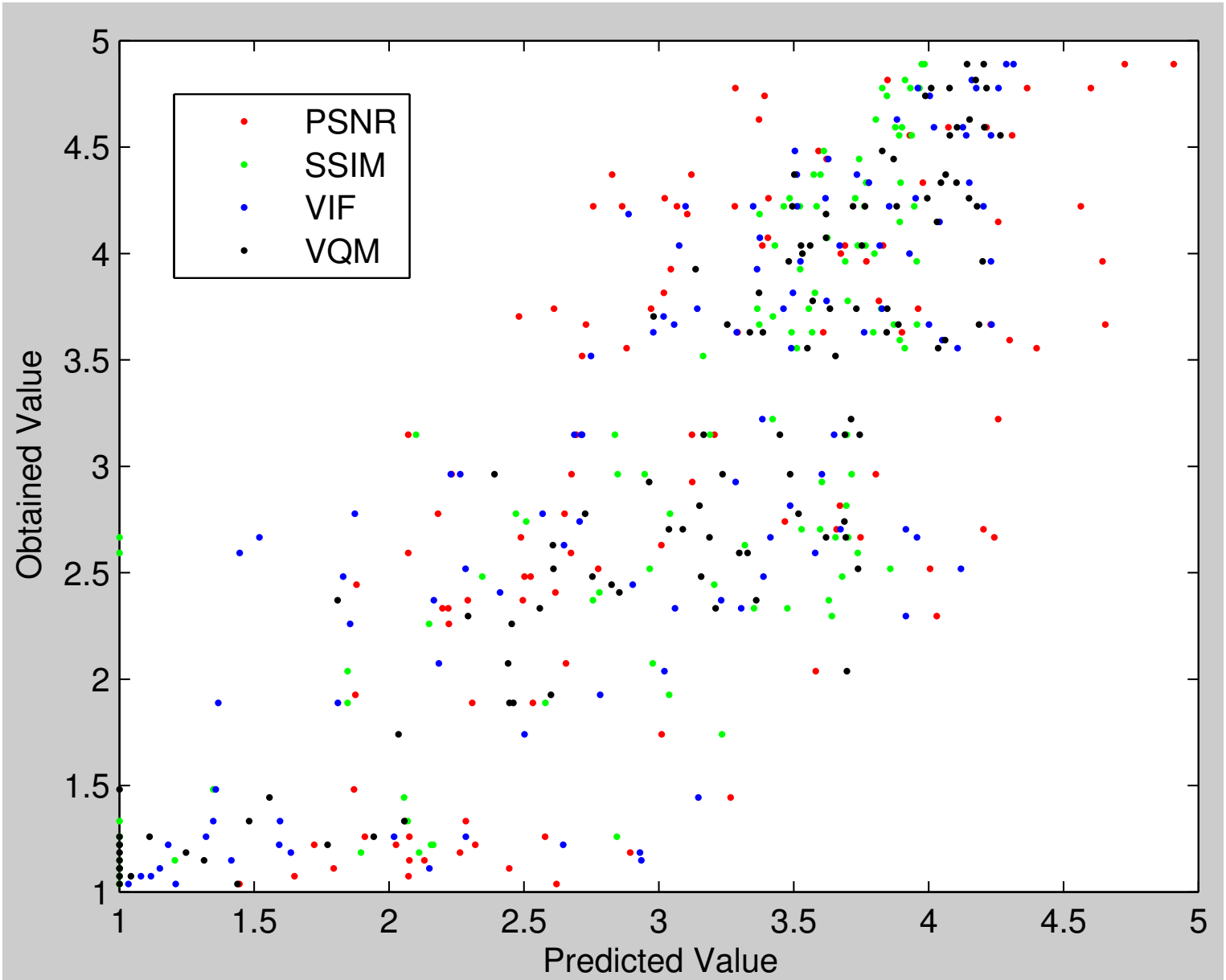
Preliminary Results

Currently available FR metrics (mean values).



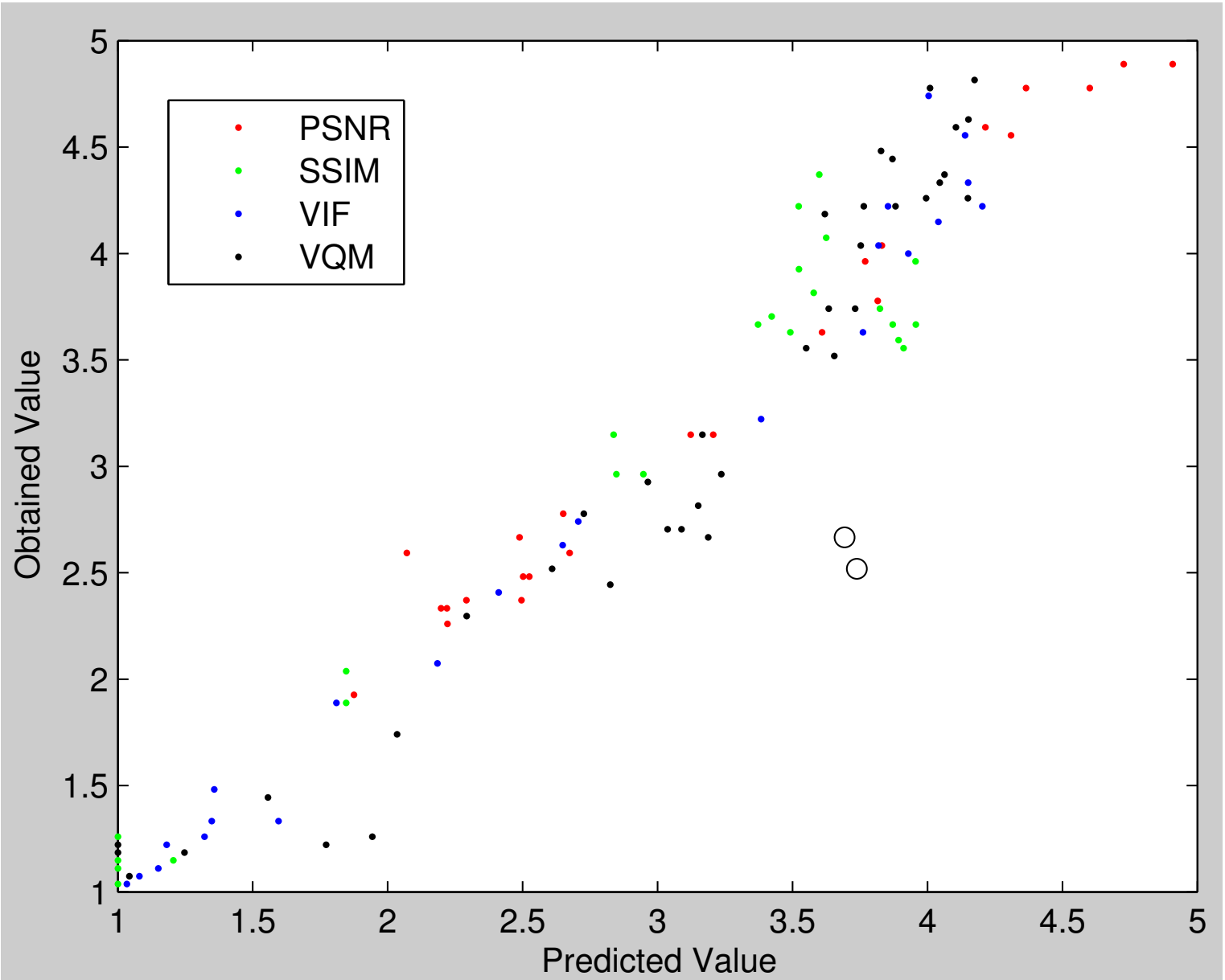
Preliminary Results

Simple MOS mapping.



Preliminary Results

Choosing only best metrics.



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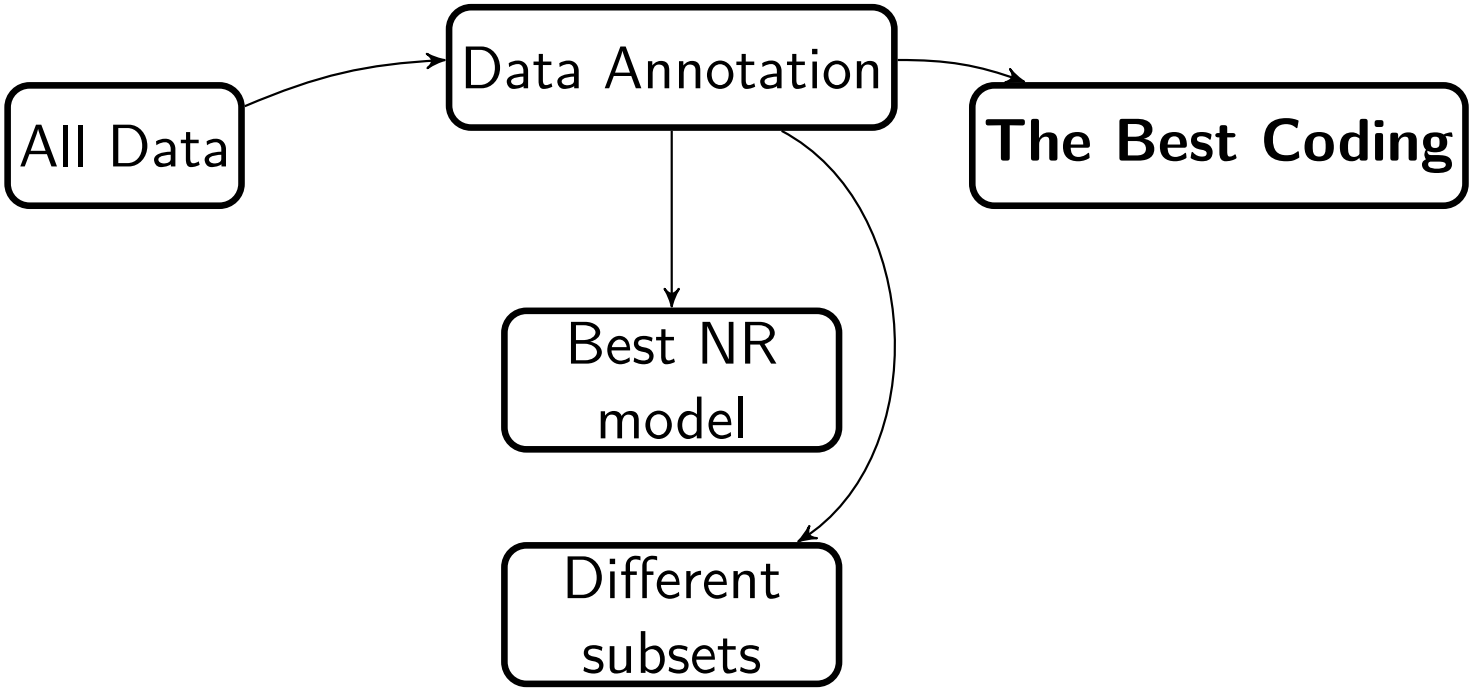
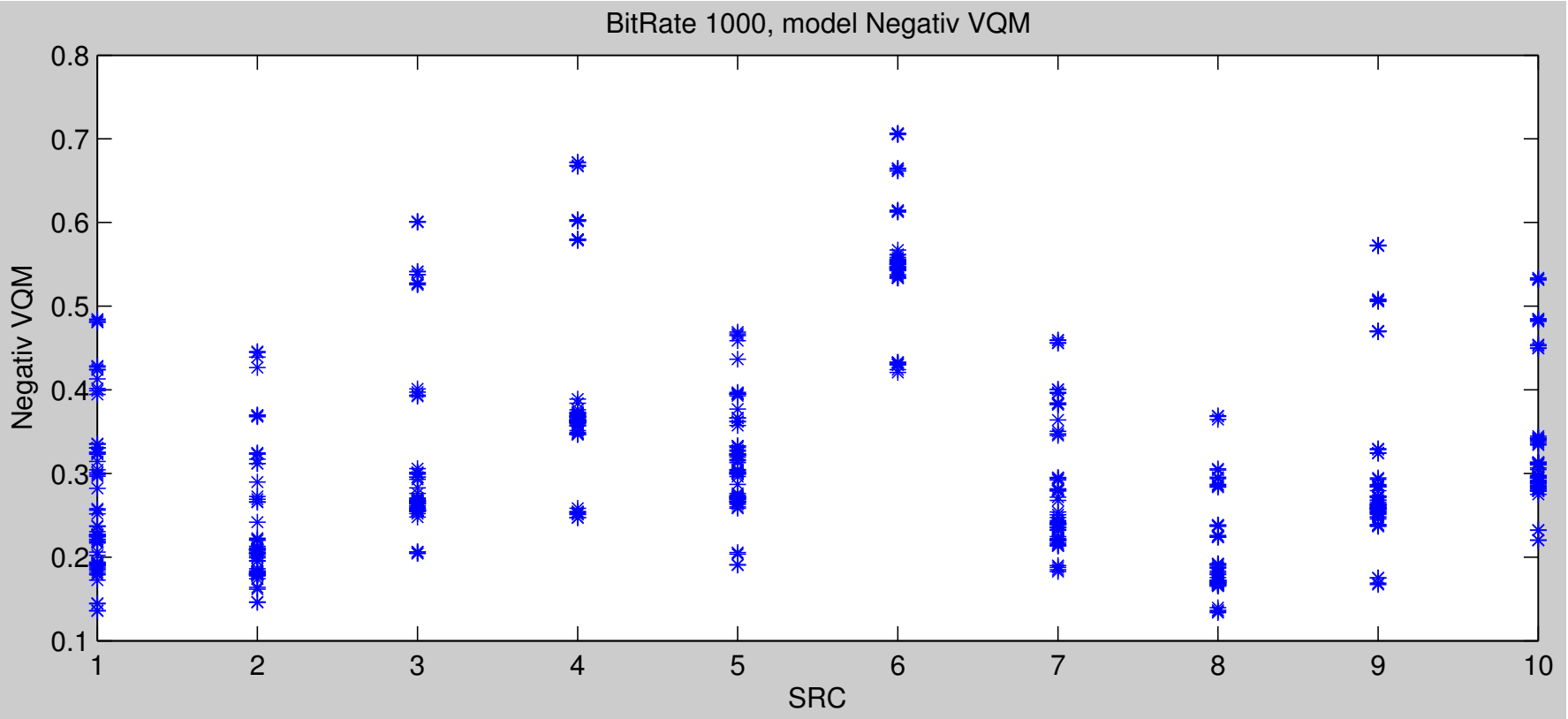
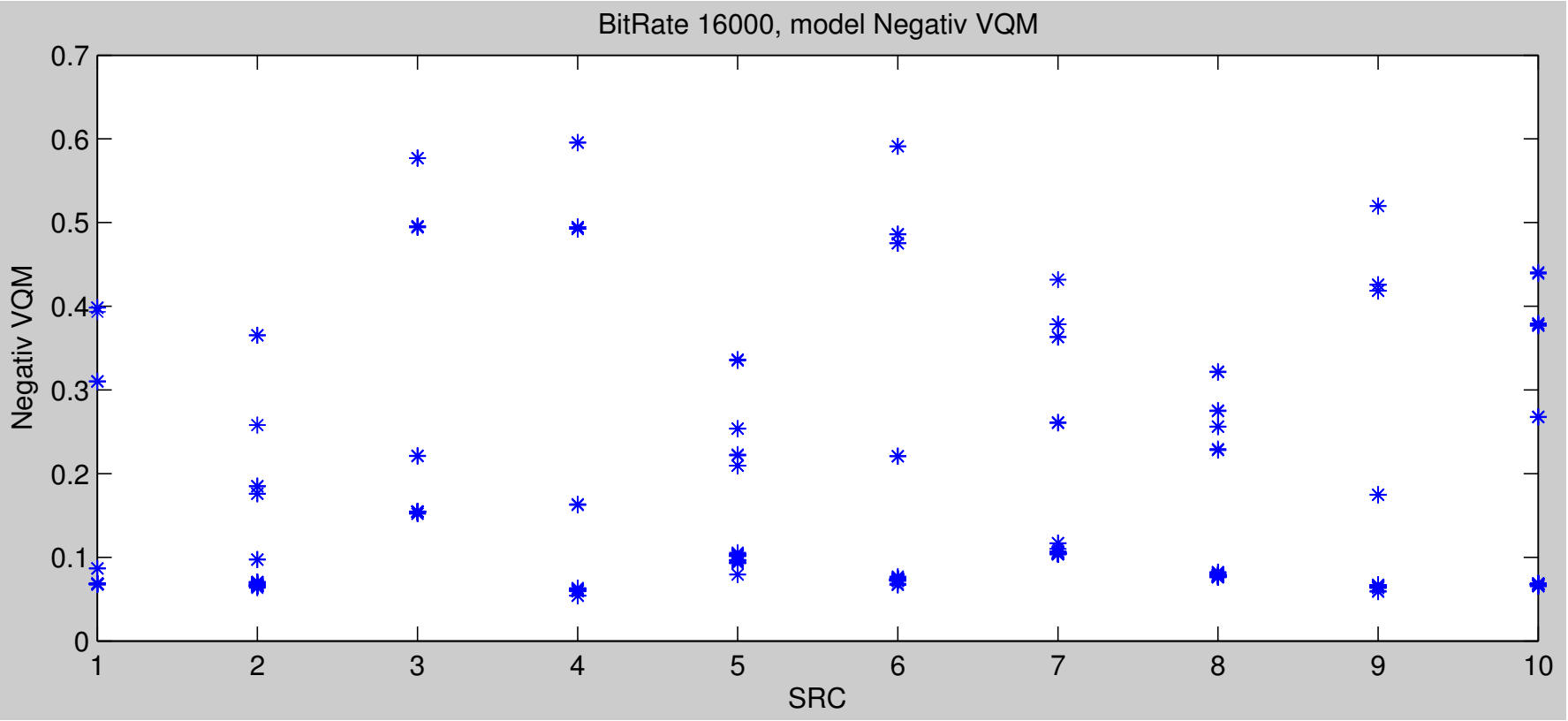


Preliminary Results

Many different correct answers.



Preliminary Results

Many different correct answers.